

**Estruturação de Projeto de Concessão
para Ampliação, Modernização,
Manutenção, Operação e Gestão do
Sistema de Iluminação Pública do
Consórcio de Desenvolvimento
Sustentável do Alto Sertão/BA**

Diagnóstico Técnico Operacional

ALTO SERTÃO



CONSÓRCIO VITAL

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GLOSSÁRIO

SIGLA	Significado
ABCIP	Associação Brasileira das Concessionárias Privadas de Serviços de Iluminação Pública
ABNT	Associação Brasileira de Normas Técnicas
ANEEL	Agência Nacional de Energia Elétrica
BA	Estado da Bahia
CDS	Consórcio de Desenvolvimento Sustentável do Alto Sertão
CEF	Caixa Econômica Federal
COSIP	Contribuição para Custeio do Serviço de Iluminação Pública
CTB	Código de Trânsito Brasileiro
E _{med.min}	Índice de Iluminância Média Mínima
FEP	Fundo de Apoio à Estruturação de Projetos de Concessões e PPP
FPM	Fundo de Participação dos Municípios
GWh	Gigawatts Hora
IBGE	Instituto Brasileiro de Geografia e Estatística
IP	Iluminação Pública
kWh	Quilowatts Hora
MV	Multivapor Metálico
NBR	Norma Brasileira
PDM	Plano Diretor Municipal
PPP	Parceria Público-Privado
IU	Índice de Unifomidade
TCM-BA	Tribunal de Contas dos Municípios do Estado da Bahia
VS	Vapor de Sódio
W	Medida de Potência (Watts)

1 APRESENTAÇÃO

A CAIXA (CEF), com recursos do Fundo de Apoio à Estruturação e ao Desenvolvimento de projetos de Concessão e de Parcerias Público-Privadas da União, dos Estados, do Distrito Federal e dos Municípios (FEP), está apoiando a estruturação de soluções viáveis sob o ponto de vista ambiental, social e econômico-financeiro relacionados aos serviços públicos urbanos, como Saneamento, Mobilidade Urbana e Iluminação Pública (IP).

Segundo estudo da Associação Brasileira das Concessionárias Privadas de Serviços de Iluminação Pública (ABCIP), em 2020 o número de cidades que recorreram à parceria com a iniciativa privada para projetos de iluminação pública saltou de 17 para 51. Já o número de projetos em andamento subiu de 287 para 422 em relação a 2019.

O mesmo estudo evidencia que as concessões de iluminação pública, além de contribuírem para a redução do consumo de energia, ajudam na desoneração do orçamento público e promovem a melhoria da qualidade de vida da população.

Hoje, com investimentos já contratados na ordem de R\$ 18 bilhões, prevê-se que, nos próximos dois anos, o número de brasileiros que vivem em cidades que optaram pela concessão de IP e que vão se beneficiar socialmente disso alcance os 70 milhões.

A qualidade da iluminação pública está associada a diversas externalidades positivas para o cidadão, como: aumento da segurança pública, maior circulação de pessoas na rua à noite e mais produtividade nas atividades comerciais.

Trata-se, portanto, de um setor que representa uma oportunidade excepcional para investidores, por combinar sustentabilidade ambiental e impactos sociais positivos com um modelo de negócios atrativo e seguro.

Nesse sentido, o Consórcio Vital - formado pela Elemental Desenvolvimento Imobiliário, Ambiental Engenharia e Consultoria e Dutra e Santos Sociedade de Advogados – assinou o contrato CAIXA Nº 06447/2021 para desenvolver os serviços técnicos especializados de consultoria necessários à estruturação de projeto de concessão para ampliação, modernização, manutenção, operação e gestão do sistema de iluminação pública para o Consórcio de Desenvolvimento Sustentável do Alto Sertão, integrado pelos seguintes municípios: Guanambi/BA e Lagoa Real/BA.

Em conformidade com o Termo de Referência, esses estudos constarão de quatro etapas, a saber:

- Etapa 1 – Planejamento, Diagnóstico e Estudos.
- Etapa 2 – Estruturação do Contrato.
- Etapa 3 - Validação Externa.
- Etapa 4 – Licitação da Concessão e Contratação.

Na Etapa 1 – Planejamento, Diagnóstico e Estudos, Subetapa 1.3 – Técnico Operacional, encontra-se o Bloco 1.3.1 – Situação Técnico-Operacional com o objetivo de qualificar a infraestrutura atual instalada, as características e necessidades do Ente Público (CDS Alto Sertão), as características do modelo atual de gestão, operação e manutenção do Parque de Iluminação Pública bem como os níveis de serviço atuais.

O presente documento é o Relatório do Diagnóstico da Situação Técnico Operacional do Parque de Iluminação Pública, que segundo o Termo de Referência, inclui, dentre outros aspectos:

- Inventário da infraestrutura existente bem como sua situação patrimonial;
- Análise da confiabilidade das informações disponibilizadas pelo Ente Público;
- Inventário de classificação viária das vias do Ente Público;
- Distribuição dos pontos/tipos de iluminação de acordo com a classificação viária e demais elementos (praças, parques e outros);
- Iluminação de Destaque;
- Identificação de áreas com deficiência de cobertura;
- Mapeamento e avaliação acerca dos projetos de expansão e modernização em andamento ou em fase de contratação e seu impacto;
- Análise do modelo atual de operação e manutenção do Parque de Iluminação Pública.

2 OBJETIVOS DO RELATÓRIO

Este Relatório de Diagnóstico da Situação Técnico Operacional da Iluminação Pública do Consórcio Sustentável de Desenvolvimento (CDS) do Alto Sertão tem como objetivo apresentar as características do Parque de Iluminação Pública dos municípios integrantes em relação às condições atuais encontradas através de vistoria de campo e análise de dados documentais fornecidos pelas prefeituras para o levantamento do inventário de toda infraestrutura dos respectivos Parques de Iluminação Pública.

Este produto está dividido nos seguintes grandes temas:

- Diagnóstico Técnico da Rede de IP;
- Análise dos cadastros de Iluminação Pública disponíveis, histórico do consumo de energia, qualidade do parque de IP;
- Análise das informações sobre classificação viária disponível nos municípios;
- Mapeamento da operação e manutenção atual dos parques de IP;
- Análise do histórico de expansão dos parques de IP, projeções futuras, demanda reprimida e projetos de modernização realizadas ou em andamento;
- Levantamento de todas as despesas com os serviços de Iluminação Pública;
- Análise da arrecadação da COSIP (modelo atual, comparativo com despesas).
- Análise Institucional da Operação Atual, identificação da estrutura organizacional dos Municípios voltada para os serviços de Iluminação Pública e o modelo de governança existente.
- Barreiras Regulatórias e Análise dos contratos vigentes junto à Distribuidora de Energia Elétrica do Estado;
- Análise dos contratos com os operadores atuais dos parques de IP.

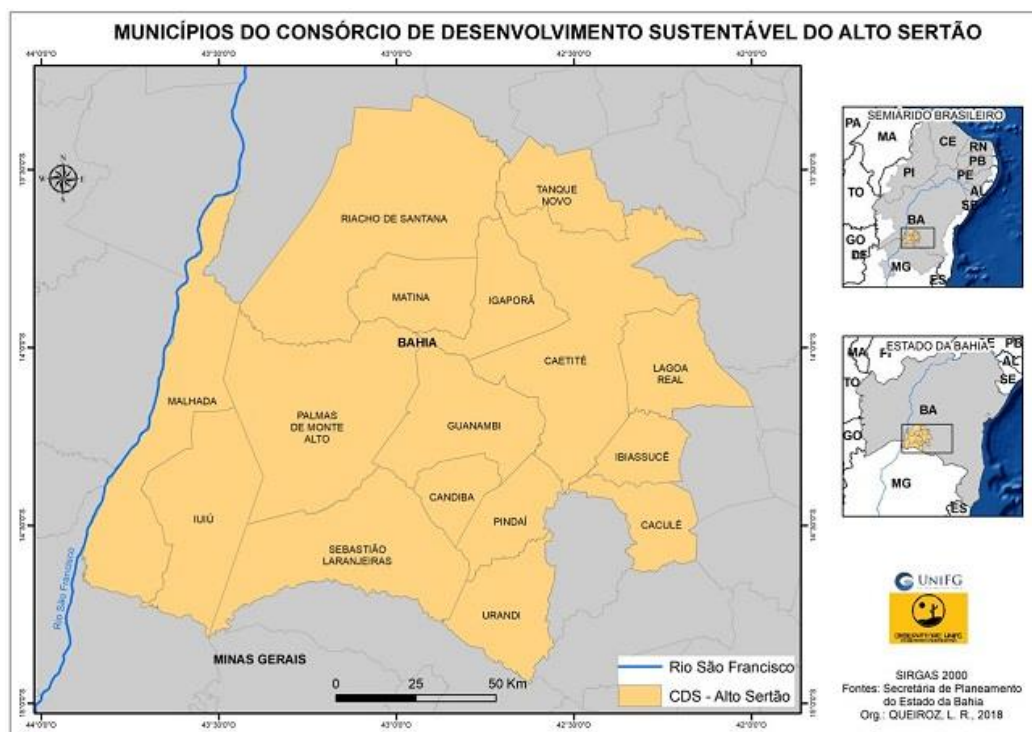
As informações contidas nesse Relatório servirão de subsídio para a elaboração de um cenário futuro dos Parques de IP dos municípios integrantes do CDS do Alto Sertão. Este documento apresenta as principais premissas que deverão ser seguidas para elaboração dos próximos relatórios desse Projeto.

3 CONTEXTUALIZAÇÃO DA ÁREA

3.1 O Consórcio de Desenvolvimento Sustentável do Alto Sertão

A região do Alto Sertão se encontra no sudoeste baiano e é um grande polo de investimentos, principalmente na área de mineração e pecuária. O Consórcio de Desenvolvimento Sustentável (CDS) do Alto Sertão foi criado através da Lei nº 713, de 22 de março de 2013 que ratifica protocolo de intenções para a constituição do consórcio. Inicialmente, foram subscritores do protocolo de intenções 25 municípios, contudo somente 13 chegaram a constituir-lo, e atualmente é integrado por 17 municípios: Palmas de Monte Alto, Malhada, Candiba, Guanambi, Pindaí, Lagoa Real, Caetité, Ibiassucê, Rio do Antônio, Urandi, Iuiú, Matina, Caculé, Sebastião Laranjeiras, Tanque Novo, Riacho de Santana e Igaporã. Na Figura 1 é possível visualizar a localização dos municípios componentes do CDS, à exceção de Rio do Antônio, que passou a integrar o Consórcio após 2016 (data da elaboração do mapa).

Figura 1 – Mapa de localização dos Municípios do Alto Sertão



Dentro do universo de municípios que compõem o CDS do Alto Sertão, 2 (dois) irão participar da PPP objeto desse relatório: Guanambi e Lagoa Real.

A estrutura de apresentação das informações dos municípios neste relatório seguirá a ordem cronológica das visitas realizadas em campo.

3.1.1 Guanambi

Guanambi é o município mais populoso do estudo, com população estimada para 2021 em 85.353 pessoas (IBGE, 2022). A última divisão territorial do município, datada de 2003, o divide em 4 distritos: Guanambi, Ceraíma, Morrinhos e Mutãs em uma área total de 1.272,36 km². O PIB do município é de cerca de R\$ 1,4 bilhão de reais (IBGE/2019), sendo que 61,2% do valor adicionado advém dos serviços, na sequência aparecem as participações da administração pública (23,2%), da indústria (13,2%) e da agropecuária (2,4%).

Relativamente novo, Guanambi foi emancipado em 14 de agosto de 1919 e se destaca na região por sua alta taxa de urbanização, alcançado a marca de 79,36% em 2010 (IBGE) e por possuir um aeroporto que facilita as relações econômicas e sociais na região.

Além dos distritos, a cidade se divide em aproximadamente 57 bairros, incluindo o Centro, como Aeroporto Velho, Alto Caiçara, Amambaí, Alvorada, Araújo, Beneval Boa Sorte, Beija Flor I, II e III, Bela Vista e Belo Horizonte.

Destacam-se como pontos de importância no município e Represa de Ceraíma (Figura 2), o Parque da Cidade Municipal (Figura 3) e a Praça do Feijão.

Figura 2 – Represa de Ceraíma



Figura 3 – Letreiro do Parque da Cidade



3.1.2 Lagoa Real

Conhecido como “Terra da Vaquejada”, o município de Lagoa Real foi fundado em 14 de maio de 1989, quando se emancipou de Caetité. Sua população estimada é de 15.870 habitantes (IBGE, 2021) e seu território abrange uma área de 912,222 km².

Distante 731 km da Capital do estado, tem como principal evento cultural a 'Missa do Vaqueiro', organizada no mês de junho, e que atrai visitantes de diversos municípios vizinhos.

Suas principais atividades econômicas vinculam-se aos setores de serviços, agricultura e pecuária (especialmente pequenos produtores organizados em cooperativa), destacando-se também por possuir nos limites de seu território uma das maiores jazidas de urânio do Brasil.

Segundo o IBGE, a população formalmente ocupada representa 6,1% da população total, e o salário médio mensal em 2020 era de 1.6 salário-mínimo. O IBGE destaca também que, no município de Lagoa Real, 5,3% dos domicílios dispõem de esgotamento sanitário adequado e possui 0% de domicílios urbanos em vias públicas com urbanização adequada, presença de bueiro, calçada, pavimentação e meio-fio).

Dados do Tribunal de Contas dos Municípios do Estado da Bahia (TCM-BA) indicam que no ano de 2020 o município de Lagoa Real teve receita orçamentária total de pouco mais de R\$ 47 milhões, sendo mais de 95% delas oriundas de fontes externas, principalmente do Fundo de Participação dos Municípios (FPM).

Figura 4 - Parque da Vaquejada



Figura 5 - Praça da Igreja



4 CARACTERIZAÇÃO DO PARQUE DE ILUMINAÇÃO PÚBLICA

4.1 Inventário da Infraestrutura Existente e da Situação Patrimonial

4.1.1 Base de Dados de Cadastro de Iluminação Pública

Para análise das informações acerca do cadastro de Iluminação Pública dos municípios consorciados, foram utilizadas as bases fornecidas pela concessionária Coelba, conforme apresentado a seguir.

➤ **Guanambi**

Referência: Cadastro de pontos de IP (recebido em 06/01/2022).

Formato: kmz.

Quantidade de Pontos de IP: 12.634.

Informações disponíveis: Código Ponto, Logradouro, Bairro, Latitude, Longitude, Tipo de Lâmpada e Potência.

➤ **Lagoa Real**

Referência: Cadastro de pontos de IP (recebido em 22/12/2022).

Formato: kmz.

Quantidade de Pontos de IP: 1.458.

Informações disponíveis: Código Ponto, Logradouro, Bairro, Latitude, Longitude, Tipo de Lâmpada e Potência.

As análises apresentadas nos próximos tópicos tiveram como base, além do cadastro de IP disponibilizado pela concessionária, um trabalho de verificação *in loco* do cadastro de IP, de forma amostral, com visitas em diversos pontos selecionados aleatoriamente, em linha com a definição da NBR 5426.

Este relatório apresenta as análises e considerações quanto às divergências do cadastro de IP com as informações coletadas no campo

4.1.2 Base de Dados de Cadastros de Iluminação Pública

Para levantamento dos inventários dos parques de Iluminação Pública (IP) dos municípios consorciados, foram utilizadas informações enviadas pelas Prefeituras Municipais e pela distribuidora de energia Coelba.

São informações constantes no cadastro enviado:

- Localização dos pontos de iluminação;
- Tipo e potência de lâmpadas.

As nomenclaturas utilizadas nos tipos de lâmpadas dividem-se da seguinte forma:

- VM: Vapor mercúrio;
- MV: Multivapor;
- MT: Metálico;
- MVM: Multivapor Metálico;
- VS: Vapor de Sódio
- PL: Fluorescente
- HL: Halogênica;
- IN: Incandescente
- LD: LED

Os cadastros dos municípios do CDS do Alto Sertão, foram enviados pelas prefeituras em 21/01/2022 (data do recebimento do último cadastro) e estão resumidos em seus quantitativos na Tabela 1.

Tabela 1 – Quantitativo de Pontos de IP por Município				
Cidade	Quantidade de Pontos	Potência Média Cadastro (kW)	Habitantes	Hab./Ponto
Guanambi	12.634	193,53	85.353	6,76
Lagoa Real	1.458	115,94	15.870	10,88
Total	14.092	154,735	101.223	8,82

A distribuição de tipos e suas respectivas potências dos cadastros municipais estão apresentados na Tabela 2 e na Tabela 3.

Tabela 2 – Guanambi			
Tipo	Potência (W)	Qnt	%
HL	150	1	-
IN	60	1	-
LED	0	4	-
	10	16	-
	15	1	-
	50	8	-
	100	5	-
	150	13	-
ME	250	171	1%
	400	55	-
	160	60	-
MT	250	10	-
	500	6	-
	15	5	-
PL	25	7	-
	30	8	-
	32	1	-
	45	34	-

	46	1	-
VM	80	142	1%
	125	506	4%
	250	28	-
	400	82	1%
	70	4012	32%
VS	100	19	-
	150	243	2%
	250	6343	50%
	360	4	-
	400	848	7%
Total Geral		12.634	100%

Tabela 3 – Lagoa Real			
Tipo	Potência (W)	Qnt	%
FL	20	2	-
	25	4	-
	30	36	2%
	40	7	-
	45	19	1%
	46	1	-
HL	300	1	-
IN	60	2	-
LD	8	1	-
	9	5	-
	12	6	-
	15	12	1%
	30	1	-
	40	3	-
	45	1	-
	100	39	3%
	200	3	-
ME	70	1	-
	150	1	-
	250	5	-
	400	3	-
MT	160	8	1%
	500	1	-
MV	70	19	1%
	250	42	3%
	400	27	2%
VM	80	1	-
	125	5	-
VS	70	997	68%
	100	9	1%
	150	20	1%
	250	71	5%
	400	105	7%
Total Geral		1458	100%

De forma ilustrativa, no Gráfico 1 e no Gráfico 2 são representadas as distribuições dos pontos predominantes nos parques de Iluminação Pública de cada município.

Gráfico 1 – Cadastro Guanambi

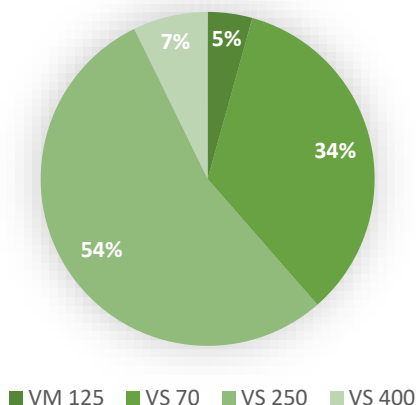
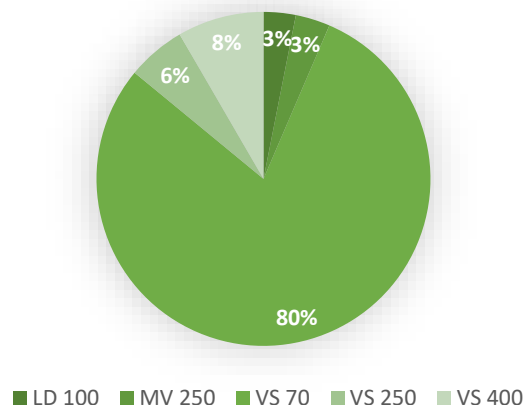


Gráfico 2 – Cadastro Lagoa Real



A qualidade dos dados foi verificada por amostragem em levantamento de campo, conforme detalhado no item 4.2.2.

4.2 Metodologia do Levantamento Amostral em Campo

As inspeções de qualidade do Cadastro de IP nas vias dos municípios consorciados ocorreram por avaliações amostrais definidas a partir das orientações descritas nas normas: ABNT NBR 5426 – Planos de Amostragem e procedimentos na inspeção por atributos e ABNT NBR 5427 – Guia de utilização da norma NBR 5426, conforme solicitado no Termo de Referência (Contrato nº 6447/2021 CAIXA).

Essas normas orientam quanto ao estabelecimento de planos de amostragem e procedimentos para inspeção por atributos. A inspeção por amostragem, realizada segundo critérios das normas NBR 5426 e NBR 5427, possibilita avaliar a qualidade de todo o parque de iluminação pública a partir da avaliação de amostra estatisticamente significativa.

4.2.1 Levantamento Amostral com base na ABNT NBR 5426

As amostras de coleta foram divididas em dois grupos de informações:

- **Grupo 1:** Iluminância: com o objetivo de verificar o atendimento das vias à Norma NBR 5101 no que se refere aos parâmetros de iluminância média e uniformidade (iluminância mínima/ iluminância média);
- **Grupo 2:** Parâmetros das vias (largura da via, espaçamento entre postes etc.) e de montagem (altura da luminária, comprimento do braço etc.) com o principal objetivo de validar as informações contidas no cadastro de

Iluminação Pública (potência e tecnologia, principalmente) e coletar informações necessárias para realização dos projetos luminotécnicos.

4.2.1.1 Determinação da Amostra

Como exemplo da metodologia adotada, o passo a passo a seguir foi modelado a partir do município de Guanambi (12.634 pontos)

A partir das orientações da norma ABNT NBR 5427 e aplicando-as na NBR 5426, a amostra foi definida da seguinte forma:

- Codificação de amostragem a partir do tamanho do lote (em vermelho) pela tabela 1 da NBR 5426/1989 (Figura 6): 12.634 de pontos de luz, considerando:
 - ✓ Para determinação do número mínimo da amostra, foi aplicado o nível de inspeção I para o Grupo 1 (em azul) e o nível de inspeção II para o Grupo 2 (em laranja).

Figura 6 – Tabela para determinação de amostragem

Tamanho do lote	Níveis especiais de inspeção				Níveis gerais de inspeção		
	S1	S2	S3	S4	I	II	III
2 a 8	A	A	A	A	A	A	B
9 15	A	A	A	A	A	B	C
16 25	A	A	B	B	B	C	D
26 50	A	B	B	C	C	D	E
51 90	B	B	C	C	C	E	F
91 150	B	B	C	D	D	F	G
151 280	B	C	D	E	E	G	H
281 500	B	C	D	E	F	H	J
501 1200	C	C	E	F	G	J	K
1201 3200	C	D	E	G	H	K	L
3201 10000	C	D	F	G	I	L	M
10001 35000	C	D	F	H	K	M	N
35001 150000	D	E	G	J	L	N	P
150001 500000	D	E	G	J	M	P	Q
Acima de 500001	D	E	H	K	N	Q	R

Fonte: NBR 5426, 1989.

Com a relação entre o tamanho do lote e os devidos níveis de inspeções requeridos, foram fixadas as codificações K para o grupo 1 e M para o grupo 2.

- A partir da tabela 2 da NBR 5426, Plano de Amostragem Simples, com Regime de Inspeção Normal, obteve-se os tamanhos das amostras do Grupo 1 (azul) e Grupo 2 (laranja), considerando um nível de confiança de 95% (Nível de Qualidade Aceitável preferencial 4,0), conforme a Figura 7.

Figura 7 - Plano de Amostragem Simples – Normal

Código amostras	Tamanho amostra	NQA																											
		0,010	0,015	0,025	0,040	0,065	0,10	0,15	0,25	0,40	0,65	1,0	1,5	2,5	4,0	6,5	10	15	25	40	65	100	150	250	400	650	1000		
		Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re
A	2																												
B	3																												
C	5																												
D	8																												
E	13																												
F	20																												
G	32																												
H	50																												
J	80																												
K	125																												
L	200																												
M	315																												
N	500																												
P	800																												
Q	1250																												
R	2000																												

Fonte: NBR 5426, 1989.

O dimensionamento das amostras foi concluído da seguinte forma, para o município de Guanambi:

- Grupo 1: 125 pontos;
- Grupo 2: 315 pontos.

Seguindo a mesma metodologia para os demais municípios, o dimensionamento amostral está resumido pela Tabela 4.

Tabela 4 – Dimensionamento das Amostras				
Município	Grupo 2	Qnt	Grupo 1	Qnt
Guanambi	M	315	K	125
Lagoa Real	K	125	H	50
Total	-	440	-	175

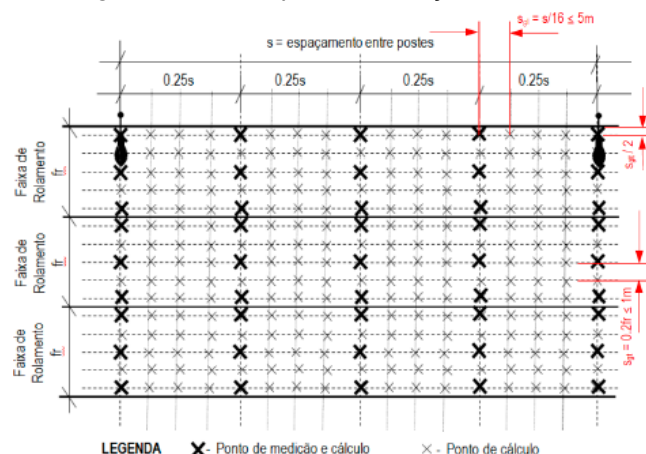
4.2.2 Procedimentos de Campo

Para realizar a verificação do sistema de iluminação pública (SIP) dos municípios participantes desta modelagem, foram realizadas inspeções de campo para verificar os níveis de iluminância e uniformidade das vias.

A metodologia de verificação dos grupos 1 e 2, seguiu a NBR 5101/2018 e o quantitativo amostral foi determinado através da NBR 5426/1989, conforme descrito acima no item 4.2.1.1.

Para o levantamento do grupo 1, de iluminância, o procedimento de coleta de dados ocorreu de acordo com o ilustrado na Figura 8.

Figura 8 – Malha para Verificação Detalhada



Fonte: NBR 5101, 2018.

O espaçamento entre os pontos da malha e o quantitativo de pontos de medições foram definidos seguindo recomendação da NBR 5101/2018, e estão resumidos na Tabela 5.

Tabela 5 – Malhas de Medições		
Número de faixas de rolamentos	Quantidade de pontos da grade de cálculo	Quantidade de pontos da grade de medição
1	$17 \times 5 = 85$	15
2	$17 \times 10 = 170$	30
3	$17 \times 15 = 255$	45
4	$17 \times 20 = 340$	60
5	$17 \times 25 = 425$	75

Fonte: NBR 5101, 2018.

As medições de iluminância foram realizadas nos pontos indicados em malha, utilizando-se os Luxímetros ICEL LD-550 (calibrados em 17 de novembro de 2021 com certificados nº 126616/21, 126617/21 e 126618/21).

Figura 9 - Luxímetro ICEL LD-550 utilizado em campo.



Fonte: Instrutherm

4.2.2.1 Planejamento das Medições

O planejamento de medições buscou contemplar todos os tipos de vias dos Municípios.

O método escolhido de análise levou em consideração os parâmetros da norma NBR 5101 em relação a padrões de estrutura e iluminância das hierarquias viárias.

As principais características estruturais (Grupo 2) observadas foram:

- Dimensões da via;
- Tipo da Via;
- Espaçamento entre centros luminosos;
- Comprimento do braço (projeção horizontal);
- Altura de montagem;
- Tipos e potências de lâmpadas e luminárias,
- Braços e redes;
- Fluxo do trânsito e tráfego pedestres;
- Avaliação do levantamento de acidentes de trânsito nas vias;
- Influência da arborização.

4.2.2.2 Seleção dos Pontos para Levantamento

A partir dos Cadastros elaborados pela Distribuidora, foi feita a escolha aleatória da amostra de pontos considerando os seguintes fatores:

- Foi utilizada a mesma amostra para a verificação dos parâmetros dos grupos 1 e 2: os pontos do grupo 1 estão contidos dentro dos pontos do Grupo 2;
- A amostra foi selecionada apenas dentro dos limites das áreas urbanas dos municípios, compreendendo seus Distritos. Isso porque a normatização das vias rurais de acordo com a NBR 5101 traria impactos financeiros substanciais ao projeto, sem retorno social compatível pelo baixo fluxo de movimento nas vias;
- O lote cadastral de iluminação pública não é homogêneo. São diferentes tipos e potências de lâmpadas e luminárias, além de outras características estruturais (altura de montagem, comprimento de braço, largura de via etc.) que constituem os parques de IP;
- São também distintos os usos, importância e necessidades das vias e locais públicos. Também devem ser destacados os pontos de iluminação especiais previstos na NBR 5101 (praças, interseções, túneis, pontes etc.);
- Para permitir a correta adoção da seleção aleatória prevista na norma NBR 5426, procedeu-se a uma amostragem estratificada, que envolveu a divisão do cadastro em subgrupos homogêneos para diferentes configurações da IP, conforme previsto no item 4.4 da referida norma. Para tanto, empreendeu-se a divisão do cadastro em subgrupos por tipo de via, que apresenta grande correlação com tipo e potência de lâmpada e atende à necessidade de hierarquizar o futuro projeto de engenharia pela importância que têm para as cidades. Isso porque são os pontos de maiores potências, mais concentrados (impactos financeiros), com maiores fluxos, mais acidentes e mais ocorrências criminais (impactos sociais);
- Amostras aleatórias foram então selecionadas dentro de cada subgrupo nas proporções definidas, conforme apresentado a seguir:
 - Vias arteriais;
 - Vias coletoras do município;
 - Vias locais em diversos bairros.

4.2.2.3 Agenda

O levantamento dos pontos foi realizado entre os dias 01/02/2022 e 16/02/2022 e o seu detalhamento é apresentado por município. Os pontos foram levantados em diversos tipos de configurações viárias.

Os mapeamentos apresentados nas figuras, elaborados pelo *Google Maps*, têm a seguinte legenda:

- Em azul os pontos do Grupo 1: Iluminância;
- Em laranja os pontos do Grupo 2: Estrutural.

Cabe lembrar que as ações realizadas no Grupo 1, iluminância, também fazem parte das ações do Grupo 2, estrutural.

➤ Guanambi

A visita foi realizada entre os dias 03/02/2022 e 16/02/2022 e os endereços visitados estão listados na Tabela 6.

Tabela 6 – Endereços Visitados – Guanambi		
Logradouro	Data	Classificação
Av. Vanessa Cardoso	3/2/22	Coletora
Rua Chico Mendes	3/2/22	Local
Rua Gercino Coelho	3/2/22	Arterial
Rua Maria Joaquina	3/2/22	Coletora
Rua Donério Cotrim	3/2/22	Local
Rua José Vieira Costa	3/2/22	Local
Rua Guaranesia	3/2/22	Local
Rua Joaquim Normanha	3/2/22	Local
Av. Pref. José Neves Teixeira	3/2/22	Arterial
Parque da Cidade	3/2/22	Local
Av. Dep. Hidevaldo Boa Sorte	3/2/22	Coletora
Rua Floriano Peixoto	3/2/22	Local
Rua Deodoro da Fonseca	3/2/22	Local
Av. Candeal	3/2/22	Coletora
Rua Dom Pedro II	3/2/22	Local
Entrada da Cidade	3/2/22	Local
Av. Depp Hidelvado Boa Sorte	7/2/22	Arterial
Rua Dezoito	7/2/22	Local
Av. Governador Waldir Pires	7/2/22	Arterial
Rua Otávio Mangabeira	7/2/22	Coletora
Rua Santa Catarina	7/2/22	Local
Rua Porto Seguro	7/2/22	Local
Rua Otávio Mangabeira	7/2/22	Arterial
Av. Tiradentes	7/2/22	Coletora

Rua Largo dos Quincas	7/2/22	Local
Av. Gov. Waldir Pires	7/2/22	Arterial
Av. do Ipiranga	7/2/22	Local
Rua Leocádia	7/2/22	Local
Av. Manoel Nunes dos Santos	7/2/22	Local
Rua Bahia	7/2/22	Local
Rua Minas Gerais	7/2/22	Local
Rua Sergipe	7/2/22	Local
Av. Mato Grosso	7/2/22	Local
Av. Deolinda Martins	7/2/22	Coletora
Av. Joaquim Chaves	7/2/22	Coletora
Av. Vanessa Cardoso	7/2/22	Coletora
Av. Sandoval Moraes	7/2/22	Coletora
Rua Pereira Donato	7/2/22	Local
Rua Beija Flor	7/2/22	Local
Rua Ary Pedro	7/2/22	Local
Travessa Acelino Andrade	7/2/22	Local
Rua Acelino Andrade	7/2/22	Local
Pracinha Rua Santa Catarina	7/2/22	Local
Rua Otávio Mangabeira	8/2/22	Local
Rua Djalma Mota	8/2/22	Local
Av. Mato Grosso do Sul	8/2/22	Coletora
Rua Genésio Pau Darco	8/2/22	Local
Rua Rio Grande do Sul	8/2/22	Coletora
Rua Rio Grande do Norte	8/2/22	Local
Parque da Cidade	8/2/22	Local
Av. Santos Dumont	8/2/22	Arterial
Av. Pres. Castelo Branco	8/2/22	Coletora
Av. Nilo Coelho	8/2/22	Arterial
Rua B	8/2/22	Local
Rua C	8/2/22	Local
Rua Djalma Mota	8/2/22	Local
Av. Um	8/2/22	Local
Rua B	8/2/22	Local
Rua Edgar Teixeira	8/2/22	Local
Rua Dr. José Humberto Nunes	8/2/22	Coletora
Av. Barão do Rio Branco	8/2/22	Arterial
Rua Estóquio da Costa	8/2/22	Local
Rua Domingos Antonio Teixeira	8/2/22	Local
Av. Pref. José Neves Teixeira	8/2/22	Arterial
Rua D1	8/2/22	Local
Av. Nilo Coelho	8/2/22	Arterial
Rua João Nunes Dourado	8/2/22	Local
Av. Juscelino Kubitschek	8/2/22	Coletora
Rua Gérson Badaró	8/2/22	Local
Rua Pernambuco	8/2/22	Local
Estrada Velha de Guanambi	8/2/22	Local
Rua Brejinho dos Ametistas	8/2/22	Local
Rua Padre Manoel da Nóbrega	8/2/22	Local
Rua Atílio Pereira de Oliveira	9/2/22	Local

Rotatória Rua Camerino Pereira Costa	9/2/22	Local
Rua José Pereira Donato	9/2/22	Local
Rotatória Rua José Pereira Donato	9/2/22	Local
Av. Senador Nilo Coelho	9/2/22	Local
Rua Francisco Fernandes	9/2/22	Coletora
Travessa da Concórdia	9/2/22	Calçada
Rua 5	9/2/22	Local
Rua Oito	9/2/22	Local
Rua Benjamin Constant	9/2/22	Local
Rua Lima Barreto	9/2/22	Local
Tv. Vicente de Paula	9/2/22	Local
Rua Dr. Humberto Nunes	9/2/22	Arterial
Rua Rio de Janeiro	9/2/22	Coletora
Av. Pres. Castelo Branco	9/2/22	Coletora
Av. Santos Dumont	9/2/22	Arterial
Rua Rogaciano Francisco de Moraes	9/2/22	Local
Av. Pref. José Neves Teixeira	9/2/22	Arterial
Av. Nilo Coelho	16/2/22	Arterial
Rua B	16/2/22	Local

O mapeamento dos pontos levantados encontra-se demonstrado na Figura 10 à Figura 13.

Figura 10 - Levantamento na sede de Guanambi

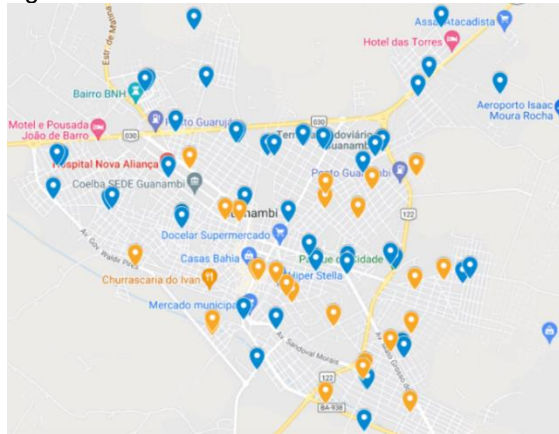


Figura 11 - Levantamento no Distrito de Morrinhos, Guanambi



Figura 12 - Levantamento no Distrito de Ceraíma, Guanambi



Figura 13 - Levantamento no Distrito de Mutãs, Guanambi



➤ Lagoa Real

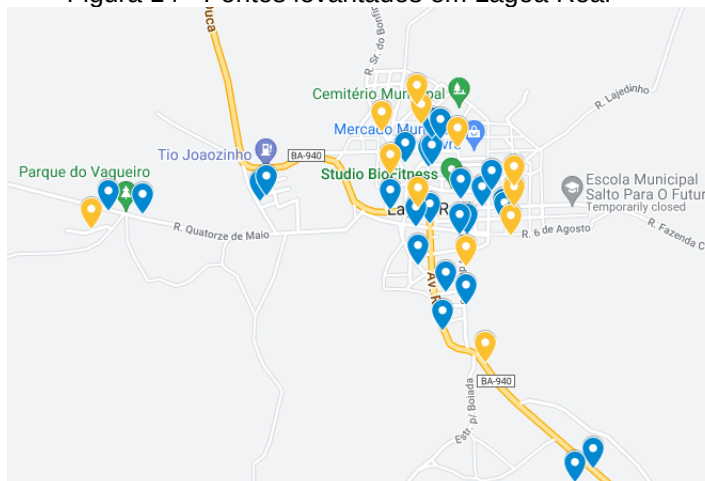
A visita foi realizada entre os dias 11/02/2022 e 14/02/2022 e os endereços visitados estão listados na Tabela 7.

Tabela 7 – Endereços Visitados – Lagoa Real		
Logradouros	Data	Classificação
Av. Real	11/2/22	Coletora
BA-940	11/2/22	Arterial
Av. 14 de Maio	11/2/22	Local
Rua 6 de Agosto	11/2/22	Local
Av. Real	11/2/22	Arterial
Av. Santa Maria	11/2/22	Local
Rua Monsenhor Bastos	11/2/22	Coletora
Tv. São Pedro	11/2/22	Local
Tv. Ana Vitória	11/2/22	Local
Av. 14 de Maio	11/2/22	Local
Tv. Zé Pinto	11/2/22	Local
Tv São Pedro	11/2/22	Local
Rua Zezé Cardoso	11/2/22	Local
Rua Senhor do Bonfim	11/2/22	Local
Av. Real	11/2/22	Coletora
Rua Belo Duca	11/2/22	Local
Rua Nelson Mariano	11/2/22	Local
Rua Ciro de Moura Rocha	11/2/22	Local
Rua Luiz Pereira de Aguiar	11/2/22	Local
Rua Sr. do Bonfim	11/2/22	Local
Rua São João Batista VI	11/2/22	Local
Av. João Batista Teixeira	11/2/22	Local
Av. Parque do Vaqueiro	11/2/22	Coletora
Rua Dois de Julho	11/2/22	Local
Tv. Santa Terezinha	11/2/22	Local
Rua Alto da Lagoa	11/2/22	Local
Tv. Florinda Gomes	11/2/22	Local
Parque do Lago (calçada)	11/2/22	Local
Rua Ciro de Moura Rocha	11/2/22	Local
Rua 15 de Novembro	11/2/22	Local
Rua Belo Duca	11/2/22	Local

Monsenhor Bastos - UBS	14/2/22	Local
Monsenhor Bastos, atrás da Igreja - rua do cemitério	14/2/22	Local

A Figura 14 ilustra os pontos levantados na Sede do Distrito.

Figura 14 - Pontos levantados em Lagoa Real



4.3 Inventário de Classificação das Vias

De acordo com a NBR 5101, a distribuição adequada das intensidades luminosas das luminárias é um fator essencial para a eficiência da iluminação viária. Essa distribuição deverá atender aos níveis de tráfego entre as 18h e 21h e para isso é necessário a qualificação das vias em classe de V1 a V5 para veículos e P1 a P4 para pedestres de acordo com a referida norma e conforme será apresentado a seguir.

4.3.1 Classificações Viárias Municipais

O Plano Diretor Municipal (PDM) define a hierarquização viária municipal, sendo estas divididas em Arteriais, Coletoras e Locais, conforme o Código de Trânsito Brasileiro (CTB). Entretanto, as prefeituras participantes da atual modelagem de PPP de IP, não possuem tais planos, ou estes se encontram muito desatualizados.

Para definição do tema, as planilhas de arruamento disponibilizadas pelas prefeituras serviram de subsídio para elaboração de um documento, em formato de planilha, onde estão listadas todas as vias do município, bem como sua classificação segundo o CTB, fluxos de veículos e de pedestres.

Esse documento (planilha) foi entregue às prefeituras municipais para que colaborassem com as classificações, validando o que foi atribuído por esta consultoria

para vias arteriais, coletoras e de pedestres, fluxos de veículos e pedestres, conforme a NBR 5101. Sendo assim, essa foi a metodologia adotada pelo Consórcio Vital para a classificação viária a nível de iluminação pública visto que os municípios não a possuíam.

Como proposta e orientação técnica para o preenchimento da planilha, foi elaborada a classificação hierárquica e classes de iluminação das Vias (Anexo 4) para cada município, com base nos documentos e normas relatadas, pela experiência da equipe no trabalho de campo e nos estudos relacionados a esse Relatório, conforme apresentado nos itens a seguir.

4.3.2 Classificação de Iluminação para Projeto de IP

De acordo com a NBR 5101/2018, as vias devem ser classificadas a partir das disposições previstas no Código de Trânsito Brasileiro (CTB). Para o projeto de Iluminação Pública devem ser avaliadas as características da via e se estas contemplam dados de volume de tráfego ou de classificação de velocidade diferente (superior ou inferior) daquelas estabelecidas para cada tipo de via.

A partir dos atributos das vias e a intensidade de tráfego (Tabela 8 e Tabela 9), a norma estabelece as classes de iluminação das vias de trânsito de V1 a V5 (Tabela 10), assim como para vias de pedestres de P1 a P4 (Tabela 11). As normas da ABNT não cobrem critérios para classificação de praças, parques e pontos de ônibus.

Embora a norma ABNT 5101 não registre ou configure vínculo entre as classes de iluminação viária e a via de pedestres, na prática, tanto para projetos como para verificação/inspeção, o que se observa é a adoção dos mesmos índices para os dois “tipos de vias”, o que permite tal associação como orientação geral.

Tabela 8 - Tráfego Motorizado	
Classificação	Volume de tráfego noturno ^a de veículos por hora, em ambos os sentidos, em pista única ^b .
Leve (L)	150 a 500
Médio (M)	501 a 1.200
Intensa (I)	Acima de 1.200
^a Valor máximo das médias horárias obtidas nos períodos compreendidos entre 18 h e 21 h.	
^b Valores para velocidades regulamentadas por Lei	
NOTA Para vias com tráfego menor do que 150 veículos por hora, consideram-se as exigências mínimas do Grupo Leve (L) e, para vias com tráfego muito intenso, superior a 2400 veículos por hora, consideram-se as exigências máximas do grupo de tráfego intenso (I).	

Fonte: NBR 5101, 2018.

Tabela 9 - Tráfego de Pedestres *	
Classificação	Pedestres cruzando vias com tráfego motorizado
Sem Tráfego (S)	Como nas vias arteriais
Leve (L)	Como nas vias residenciais médias
Médio (M)	Como nas vias comerciais secundárias
Intenso (I)	Como nas vias comerciais principais
* O projetista deve levar em conta esta tabela, para fins de elaboração de projeto	

Fonte: NBR 5101, 2018.

Tabela 10 - Classes de iluminação para cada tipo de via - Veículos	
Descrição da via	Classe de Iluminação
Vias arteriais; vias de alta velocidade de tráfego com separação de pistas; vias de mão dupla, com cruzamentos e travessias de pedestres eventuais em pontos bem definidos; vias rurais de mão dupla com separação por canteiro ou obstáculo	
Volume de tráfego intenso	V1
Volume de tráfego médio	V2
Vias coletoras; vias de tráfego importante; vias radiais e urbanas de interligação entre bairros, com tráfego de pedestres elevado	
Volume de tráfego intenso	V2
Volume de tráfego médio	V3
Volume de tráfego leve	V4
Vias locais; vias de conexão menos importante; vias de acesso residencial	
Volume de tráfego médio	V4
Volume de tráfego leve	V5

Fonte: NBR 5101, 2018.

Tabela 11 - Classes de iluminação para cada tipo de via – Pedestres	
Descrição da via	Classe de Iluminação
Vias de uso noturno intenso por pedestres (por exemplo, calçadas, passeios de zonas comerciais)	P1
Vias de grande tráfego noturno de pedestres (por exemplo, passeios de avenidas, praças, áreas de lazer)	P2
Vias de uso noturno moderado por pedestres (por exemplo, passeios, acostamentos)	P3
Vias de pouco uso por pedestres (por exemplo, passeios de bairros residenciais)	P4

Fonte: NBR 5101, 2018.

Definidas as classes de iluminação de cada via, para o atendimento exigido pela NBR 5101 os valores coletados em campo (Grupo 1) devem ter os parâmetros calculados de Iluminância Média Mínima ($E_{med.min}$) assim como de Uniformidade (U)

acima dos valores atribuídos na Tabela 12 e na Tabela 13. Desta forma foram calculados os índices de atendimento à norma.

Tabela 12 - Iluminância média mínima e uniformidade para cada classe de iluminação - Veículos		
Classe de Iluminação	Iluminância Média Mínima <i>Eméd,mín</i> (lux)	Fator de Uniformidade mínimo $U = E_{mín}/E_{méd}$
V1	30	0,4
V2	20	0,3
V3	15	0,2
V4	10	0,2
V5	5	0,2

Fonte: NBR 5101, 2018.

Tabela 13 - Iluminância média mínima e uniformidade para cada classe de iluminação - Pedestres		
Classe de Iluminação	Iluminância Média Mínima <i>Eméd,mín</i> (lux)	Fator de Uniformidade mínimo $U = E_{mín}/E_{méd}$
P1	20	0,3
P2	10	0,25
P3	5	0,2
P4	3	0,2

Fonte: NBR 5101, 2018.

4.3.3 Definição das Classes de Iluminação das Vias do Município

Não foram registrados os PDMs das Prefeituras consorciadas onde se estabelecem as classificações, de acordo com o CTB, das vias municipais. Também não foram identificados documentos com informações sobre o volume de fluxo de pedestres e veículos por via.

Foi acordado entre o Consórcio Vital e o Consórcio de Desenvolvimento Sustentável do Alto Sertão/BA que as classificações são dadas da seguinte forma:

- Observa-se a não classificação de vias V1. Vias de classe V1 tem características que se encaixam nas rodovias e vias urbanas de alta velocidade. Quando essas rodovias adentram pelas cidades, em nível, mantém as características de V1 e as tarefas visuais correspondentes a esta classificação. Por outro lado, as prefeituras informaram que as vias municipais não excedem o limite de 50 km/h, o que fortalece o diagnóstico de não adoção de classificação V1 para as vias do município, neste caso as vias arteriais e coletoras se ajustam à classificação V2 e V3.

- Guanambi, maior município de área urbana entre os envolvidos, atribuição de classificação das vias locais como V4 e P4, e não V5, de modo a suprir as demandas de iluminação nas cidades mais movimentadas;
- Lagoa Real foi adotado as classes de iluminação V5 para as vias locais.

Com relação as vias para pedestres, em áreas comerciais existem calçadas que admitem níveis compatíveis com a classificação P1, porém os níveis considerados para classificação de tais vias, no projeto básico, são de classificação P2 e P3.

Não existe normativa específica para ciclovias e ciclofaixas, resultando como consequência a adoção de valores de vias de veículos ou de pedestres a depender da localização delas: se estão na rua ou na calçada.

A Tabela 14 demonstra a distribuição dos quantitativos de classes de iluminância por quantidade de endereços do município.

Tabela 14 - Distribuição de Pontos das Vias por Classe de Iluminação			
Município	Classe de Iluminação	Quantidade de Pontos	%
Guanambi	V2	507	4,01%
	V3	278	2,20%
	V4	11.217	88,79%
	Praças e Monumentos	632	5,00%
	Total	12.634	100,00%
Lagoa Real	V2	24	1,64%
	V3	45	3,07%
	V4	108	7,43%
	V5	1.208	82,85%
	Praças e Monumentos	73	5,01%
	Total	1.458	100,00%

4.3.4 Distribuição das Ações por Classificação Viária e Demais Elementos

A distribuição das ações nas vias dos municípios, seguindo as premissas adotadas no item 4.2.2 obteve como resultado uma visão ampla e diversa das situações envolvendo os parques de IP municipais.

Além dos pontos selecionados, situações básicas destacadas tais como interseções, passagem em dois níveis, presença de rodovias nas áreas urbanas, calçadas, entre outros, foram contempladas nos levantamentos e deverão ser devidamente abordadas e desenvolvidas no Relatório de Estudos de Engenharia.

A distribuição comparativa entre os percentuais dos Cadastros apresentados e dos planejamentos dos pontos são demonstrados pelo Gráfico 3 e pelo Gráfico 4.

Gráfico 5 – Comparativo entre cadastro e planejamento - Guanambi

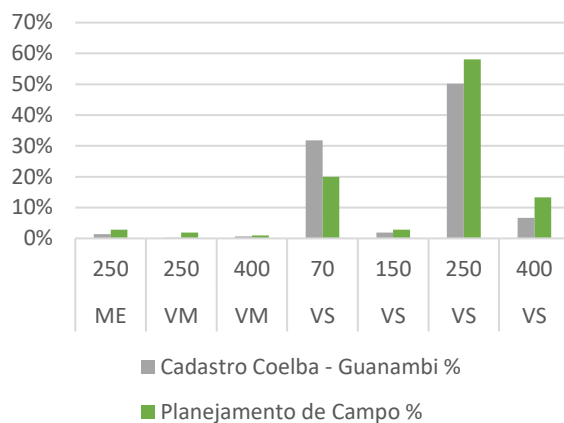
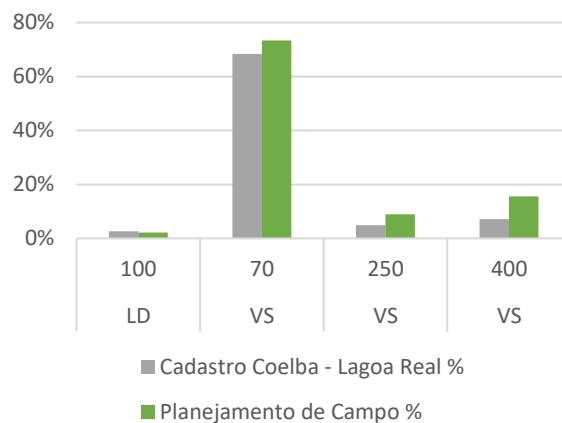


Gráfico 6 – Comparativo entre cadastro e planejamento – Lagoa Real



5 ANÁLISE DA CONFIABILIDADE DAS INFORMAÇÕES DO CADASTRO DE IP

5.1 Metodologia Geral

Para verificação da confiabilidade e compreensão da real situação do Sistema de Iluminação Pública dos seis municípios integrantes do CDS do Alto Sertão, foram avaliados os seguintes dados:

- Caracterização da rede, a partir do cadastro existente (apresentado pela Coelba com 14.092 pontos), aplicando os parâmetros fixados pela norma ABNT NBR 5101/2018.
- Análises de campo amostrais, conforme norma ABNT NBR 5426, para:
 - ✓ viabilizar o tamanho da amostra necessária para permitir a verificação do cadastro;
 - ✓ medir os parâmetros luminotécnicos (através do uso de luxímetro para verificar os níveis de luminância e uniformidade aderentes à norma);
 - ✓ avaliar o estado de conservação dos equipamentos e avaliar aderência das instalações às normas, como altura da luminária, espaçamento entre postes, largura das vias e equipamentos fora do padrão – seja por má conservação, baixo rendimento ou por obsolescência.
- Classificação de vias em Relação ao Código de Trânsito Brasileiro (arterial, coletora ou local).
- Classificação viária e classes de Iluminação (em conjunto com as prefeituras).
- Qualidade e aderência do cadastro fornecido.
- Análise do modelo operacional de manutenção e implantação, incluindo metodologia, equipamentos e normas internas.
- Parâmetros da rede de distribuição de energia para IP, bem como suas características técnicas, qualidade de fornecimento, avaliação da carga instalada na rede IP e o consumo médio de energia.
- Estimativa da vida útil remanescente para os equipamentos existentes.

- Verificação das áreas de iluminação de destaque: patrimônio histórico e cultural, praças, parques e outras áreas de interesse público.

Com isso, o diagnóstico da situação atual, foi elaborado através de uma avaliação quantitativa e qualitativa do sistema de iluminação, da sua abrangência, deficiências, inadequações gerais (que permeiam todos ou quase todos os parques) e das inadequações pontuais, permitindo identificar o que precisa ser feito, quais as prioridades e quais as limitações existentes.

Além do cadastro, foram ponderados os planos e interesses das prefeituras, com as seguintes avaliações:

- Avaliação dos projetos de expansão e modernização, demanda reprimida, crescimento orgânico, os quais terão seus percentuais apresentados no projeto luminotécnico, e seus impactos na iluminação pública;
- Avaliação dos interesses das prefeituras quanto à iluminação pública, incluindo áreas de interesse especial, prioridades e expansões;
- Mapeamento dos pontos e tipos de lâmpadas de Iluminação Pública enviados pelas prefeituras;
- Planilha de classificação viária e classes de iluminação elaborada em conjunto com as Prefeituras Municipais.

Nos Estudos de Engenharia, serão projetadas e dimensionadas as possíveis soluções, quantificados os custos e analisados os respectivos benefícios.

Para a elaboração de todo o trabalho, será observada a norma ABNT NBR 5101/2018, além das normas cabíveis a cada análise específica.

5.1.1 Nível de Confiança do Cadastro de IP

Após a vistoria, foi possível analisar a aderência dos dados contidos no cadastro georreferenciado pela Distribuidora e coletados em campo, através das medições realizadas (Tabela 15).

Tabela 15 – Aderência do Cadastro		
Município	Dado do Cadastro	%
Guanambi	Potência	98%
	Tipo de Lâmpada	94%
	Localização Geográfica	94%
Lagoa Real	Potência	100%
	Tipo de Lâmpada	87%
	Localização Geográfica	98%
Média Geral	Potência	99%
	Tipo de Lâmpada	91%
	Localização Geográfica	96%

As localizações geográficas dos cadastros georreferenciados obtiveram porcentagem de aderência aceitável, pois foram menores que a margem de 4% estabelecida pela NBR 5426, como demonstrado no item 4.2.1.

Em relação às potências e tipo de lâmpada, o cadastro apresentado apresenta aderência abaixo dos 96% determinado pela norma NBR 5426. Os estudos e entrevistas junto às Prefeituras Municipais, entre outros, concluem que os seguintes fatores são essenciais para tais números:

- Cadastro georreferenciado revelando-se desatualizado à atual realidade do município;
- Modernizações e eventuais modificações nos pontos das vias.

Esclarece-se que, apesar dos números desfavoráveis a aplicação de verificação da NBR 5426, a aderência dos pontos em relação ao tipo e potência não são fatores essenciais para o projeto de engenharia, visto que tecnologias convencionais (VS, MV e VM), assim como os pontos em LED com garantias ultrapassadas serão considerados como pontos a serem substituídos.

5.2 Iluminação de Destaque

A iluminação de destaque será implantada em áreas de interesse que demandam iluminação especial, como áreas de patrimônio histórico e cultural, espaços públicos, parques e outros espaços similares.

As prefeituras foram entrevistadas e o mapeamento das áreas se deu conforme apresentado nos tópicos a seguir.

5.2.1 Mapeamento das Áreas de Interesse

O mapeamento das áreas de interesses se deu por meio de interações entre os representantes das Prefeituras Municipais e da CAIXA. Os próximos itens

demonstram a metodologia para definição dos locais de interesse para os futuros projetos de Iluminação de Destaque, como exemplificado na Figura 15 e na Figura 16.

Figura 15 - Sede da Prefeitura de Guanambi



Figura 16 - Sede da Prefeitura de Lagoa Real



5.2.2 Critérios de Priorização das Áreas

O Termo de Referência do projeto aponta, entre suas diferentes ações, o desenvolvimento de projetos de Iluminação Especial para todos os municípios. Entretanto, em função da necessidade de se manter o equilíbrio econômico-financeiro do contrato e em atendimento ao estabelecido pelo Consórcio de Desenvolvimento Sustentável do Alto Sertão/BA, Guanambi receberá Iluminação Especial nos bens apontados pelas prefeituras como de interesse e Lagoa Real não receberá projetos de iluminação especial.

As decisões das prefeituras dos municípios que receberão projetos de iluminação especial estão apresentadas a seguir e foram tomadas com apoio técnico da CAIXA e da equipe do Consórcio Vital.

Estas decisões foram tomadas de forma a destacar os principais pontos turísticos e culturais dos municípios, em contato direto com suas respectivas Secretarias.

Os critérios utilizados para a seleção de até cinco locais foram:

- Áreas de atrativo público/turístico;
- Locais contemplados com monumentos ou construções de interesse arquitetônico, histórico ou social.

5.2.2.1 Guanambi

- Memorial Casa de Dona Dedé;
- Mercado das Artes e Mercado da Feira;
- Estádio 2 de Julho;
- Fundos do Parque da Cidade;
- Igreja Matriz.

5.3 Áreas com Deficiências de Cobertura

As áreas mais isoladas do centro urbano, como áreas de sítios ou de novos loteamentos, são as vias com maiores índices de deficiência de IP no município. Segundo as prefeituras do consórcio, as áreas com maiores deficiências de cobertura de Iluminação Pública são apresentadas na Tabela 16.

Tabela 16 - Locais de deficiência de cobertura de IP	
Município	Local
Guanambi	Distrito de Mutãs
	Distrito de Morrinhos
	Morro Dentro
Lagoa Real	Av Parque do Vaqueiro
	Praça do Mercado Municipal
	Entrada da cidade- BA 940 até a ponte

5.4 Demanda Reprimida

Para mapear as áreas com potencial deficiência de cobertura, utilizou-se o cadastro georreferenciado como base. As vias “vazias” de pontos foram levantadas e plotadas sobre imagens da mancha urbana existente.

Mapeadas as áreas urbanas das Sedes e Distritos dos municípios, para estimativa do quantitativo de pontos foram adotadas as seguintes etapas e premissas:

- Acessos das rodovias à Sede e aos Distritos;
- Rodovias em trechos urbanos;
- Implantação de postes a cada 35,00 metros;
- Soma das distâncias medidas dos trechos urbanizados “vazios” de pontos do cadastro;
- Divisão da distância dos trechos por 35,00 metros, obtendo-se a estimativa de demanda reprimida local.

As estimativas de ligações entre as rodovias principais e os Distritos foi estabelecida se a distância de tal demanda reprimida de IP for menor que 9,00 km. Os distritos contemplados pelo levantamento foram os de Morrinhos, Mutãs e Ceraímas, em Guanambi.

Figura 20 demonstram exemplos de mapeamento das demandas reprimidas nos municípios (linhas vermelhas) nas vias com “vazios” de IP (marcadores de círculos pretos são os pontos existentes).

Figura 17 – Mapeamento de demanda reprimida Guanambi, Sede e Distritos

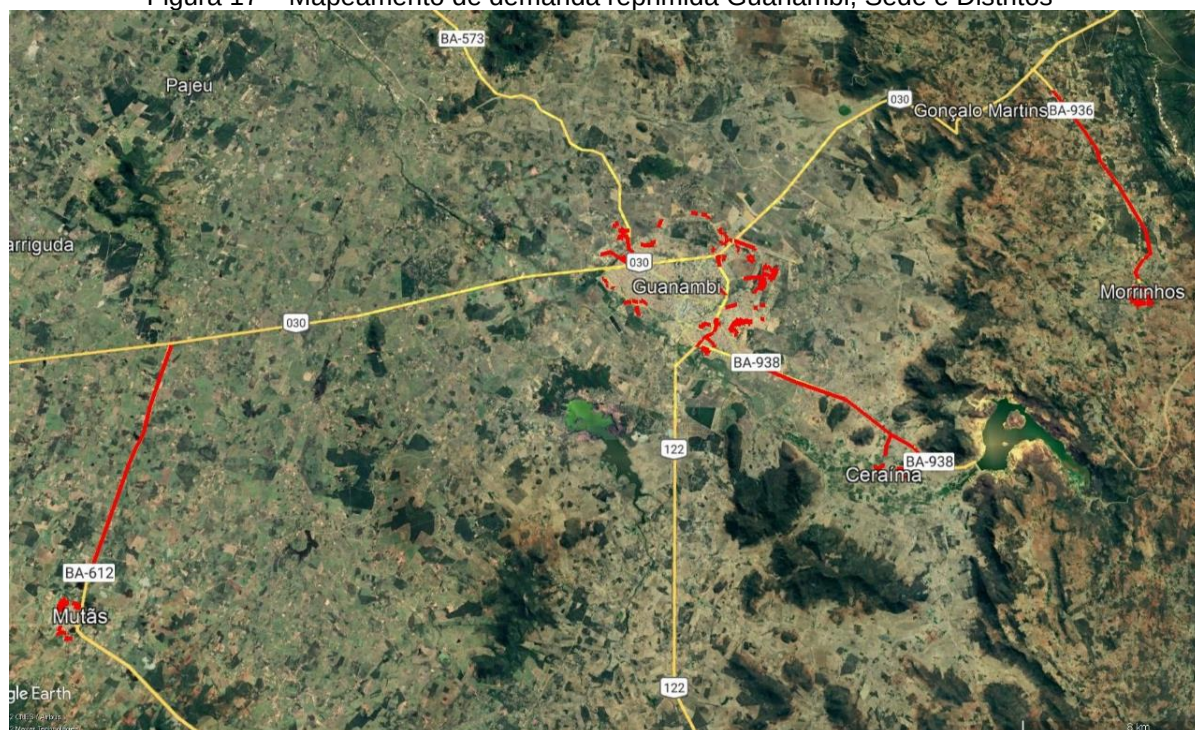


Figura 18 – Detalhe do mapeamento do Distrito de Mutãs, Guanambi

Figura 19 – Detalhe da ligação de Distrito em Ceraíma, Guanambi

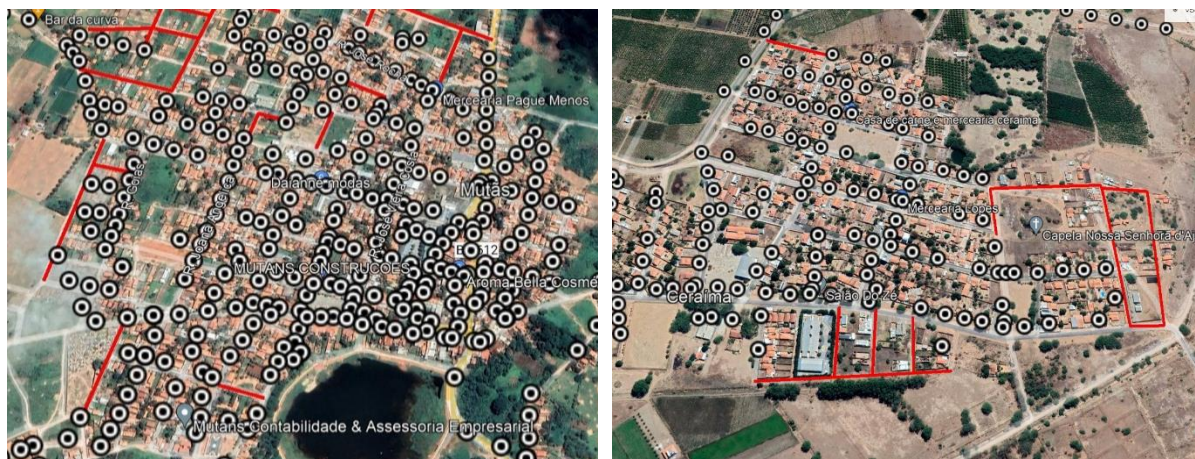


Figura 20 – Mapeamento de demanda reprimida em Lagoa Real, Sede



A Tabela 17 resume os resultados da metodologia proposta por município.

Tabela 17 - Estimativa de Demanda Reprimida		
Município	Somatório dos Comprimentos (m)	Quantidade de Pontos Estimada
Guanambi	41.532	1.187
Lagoa Real	4.213	121
TOTAL	45.745	1.308

5.5 Mapeamento de Projetos de IP em LED

Durante o período de levantamento de campo foi observado que algumas vias das Sedes e Distritos municipais foram contempladas por iluminação com tecnologia LED. A quantidade de pontos modernizados não é atualizada dentro do cadastro da Distribuidora Coelba. Tais luminárias encontram-se em vias principais, como as entradas das áreas urbanas.

As ações de modernizações se deram a partir do ano de 2019, sendo que tais pontos não terão impacto nos projetos, visto que a garantia desses (estimativa máxima de 5 anos), já haverá vencido. Portanto, o Projeto de Engenharia deverá considerar a substituição de todos esses pontos.

Além da questão das garantias, o futuro Concessionário, ao assumir os Parques, não poderá garantir a eficiência e a eficácia dos pontos atuais em LED, visto que o mais provável é que as luminárias atuais não se enquadrariam no Projeto Executivo a ser elaborado.

As vias com tecnologia LED observadas nos levantamentos de campo estão devidamente identificadas no Anexo 3 do presente Relatório.

5.6 Plano Diretor de Iluminação Pública

Não foram identificados documentos do Plano Diretor de Iluminação Pública municipais, tampouco há indicativos de sua elaboração em nenhum dos municípios consorciados participantes da presente modelagem de PPP.

5.7 Recursos Federais/Estaduais de Implantação/Modernização

Não foram identificados recursos Federais/Estaduais vinculados a projetos de Iluminação Pública nos municípios consorciados participantes da presente modelagem de PPP.

5.8 Existência de Passivos

Não foram identificados passivos operacionais, ambientais ou de qualquer outra ordem que impactem o projeto.

5.9 Existência de Termo de Ajustamento de Conduta (TAC)

Não foi identificada a existência de TAC em relação a IP nos municípios consorciados participantes da presente modelagem de PPP.

6 ANÁLISE DO MODELO ATUAL DE OPERAÇÃO E MANUTENÇÃO

6.1 Gestão, Operação e Manutenção do Parque de IP

Os municípios estudados possuem a mesma configuração de fornecimento e instalações de ativos: os insumos são obtidos por meio licitatório, enquanto a instalação e serviços se dão com mão de obra própria das Prefeituras Municipais.

A mão de obra de eletricitistas e ajudantes contratados pelas prefeituras, além da operação, manutenção e modernização de alguns pontos/projetos, é também voltada para os demais serviços da área elétrica dos municípios, sem que haja pessoal dedicado exclusivamente ao SIP. Em geral, esses trabalham com escadas e equipamentos básicos de segurança fornecidos pelas prefeituras.

Em casos de necessidade de uso de maquinário mais pesado, como caminhão cesto para alturas maiores, é feita locação desse. A única exceção é o município de Guanambi, que possui caminhão Munck que pode acoplar cesto ao seu braço.

A Iluminação Pública nos municípios e suas respectivas Secretarias Municipais responsáveis pela gestão do SIP é demonstrada pela Tabela 18 .

Tabela 18 - Secretarias Responsáveis pela IP municipal		
Município	Secretaria Municipal	Departamento
Guanambi	Secretaria de Infraestrutura	Departamento de Iluminação Pública
Lagoa Real	Secretaria de Administração	-

Os números de CAPEX e OPEX estimados para os municípios no ano de 2021 são estimados da seguinte forma:

- Como não há desagregação de valores de custos de eletricitistas, combustível e veículos específicos para manutenção do parque nos orçamentos, utilizou-se como OPEX o custo de energia apresentado pela distribuidora
- As aquisições de materiais para o parque como luminárias, braços e outros componentes foram buscados nas compras efetuadas nos últimos anos em cada município. Apenas Guanambi apresentou os valores destacados na execução orçamentária.
- Todos os gastos serão considerados como OPEX na modelagem econômico-financeira posto que o gasto com energia, à exceção de Guanambi, corresponde a mais de 90% da despesa total

O resultado dessa abordagem segue como o indicado na Tabela 19.

Tabela 19 - Gastos observados em 2021		
Município	Gastos com Materiais	Gasto Energia + Materiais
Guanambi	R\$ 1.438.283,00	R\$ 7.178.268,45
Lagoa Real	-	R\$ 397.539,84

6.2 Acordo Operativo com Distribuidora de Energia

As Prefeituras Municipais e a Distribuidora Coelba firmaram contratos em que se ajustaram a celebração do “Contrato de Fornecimento de Energia Elétrica e Utilização de Postes Para Iluminação Pública”.

Nesses documentos estão estabelecidas as responsabilidades entre as partes, declarando as Prefeituras responsáveis pela operação, manutenção, modificações e ampliações dos parques, além dos meios de faturamento do consumo da energia elétrica.

Desta forma, a partir da data de celebração, o SIP de cada município ficou sob responsabilidade das Prefeituras Municipais, ou seja, houve o acordo de cessão dos bens de IP.

As datas de assinaturas de contratos registradas foram as seguintes:

- Guanambi: 29 de agosto de 2016;
- Lagoa Real: 27 de março de 2008.

6.3 Serviços de Fornecimento, Instalação de Ativos e Modelo Operacional dos Municípios

As Prefeituras do CDS participantes do atual projeto de modelagem possuem mão de obra própria (eletricistas, ajudantes etc.) e são providas de insumos materiais por vias licitatórias. As 2 prefeituras integrantes do Projeto possuem configuração similar de operação, manutenção e expansão dos parques, baseadas em projetos desenvolvidos pelas Prefeituras, ou que sejam projetos contratados pelas próprias.

Assim, nos municípios não foram observados contratos que se caracterizem como terceirizações dos serviços nos respectivos parques de IP.

7 ANÁLISE DO PARQUE DE ILUMINAÇÃO PÚBLICA

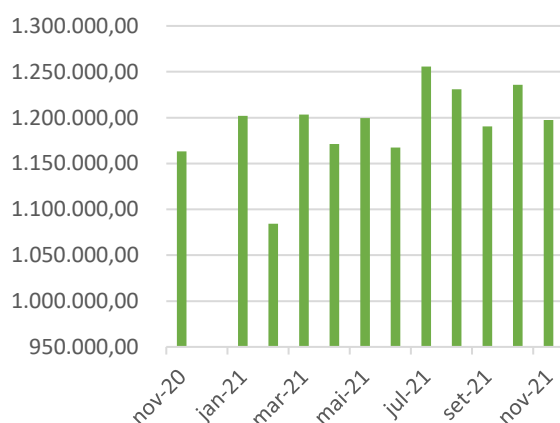
7.1 Projeção para Projetos de Expansão, em Andamento e Necessidades

Não foram identificados projetos previstos de expansão ou modernização dos Parques de Iluminação Pública dos municípios consorciados participantes do atual projeto de modelagem.

7.2 Carga Instalada e Consumo Médio Atuais

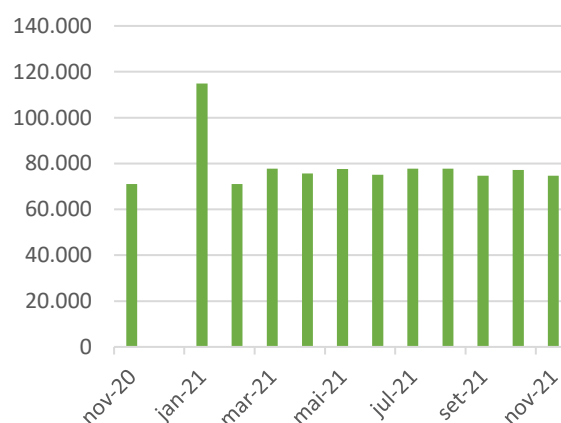
Após envio pelas Prefeituras municipais, foram compiladas as contas de consumo de energia elétrica de Iluminação Pública, conforme exposto no Gráfico 7 ao Gráfico 15.

Gráfico 7 – Consumo de Energia – Guanambi (kWh)



Média de Consumo – Guanambi:
1.198.463,50 kWh/mês

Gráfico 8 – Consumo de Energia - Lagoa Real (kWh)



Média de Consumo – Lagoa Real:
76.381,50 kWh/mês

7.2.1 Aderência do Consumo com Cadastros

Para uma comparação entre o consumo de energia elétrica com IP e os cadastros georreferenciados, foi utilizado como referência a quantidade de pontos e potências apresentadas para cálculo do consumo estimado a partir da carga instalada.

Assim, para comparação com o consumo mensal médio mensal, foram elaborados cálculos estimativos dos consumos de energia, tendo por base:•

- Estimativa de tempo de consumo: 11:28 (11,47) horas/dia;
- Carga instalada de cadastro;
- 30 dias por mês.

Desta forma, o consumo estimado é dado pela fórmula a seguir, a exemplo do município de Guanambi:

$$11,47h \times 30\text{dias} \times 2.445,17 \text{ W} = 841.384,03 \text{ Wh/Mês}$$

A Tabela 20 traz o resumo dos cálculos efetuados para cada município.

Tabela 20 - Consumo cobrado e estimado				
Município	Carga Instalada (kW)	Consumo Estimado (kWh/Mês)	Consumo Médio Cobrado (kWh/Mês)	% de Variação
Guanambi	2.445,17	841.384,03	1.151.464,83	136,85%
Lagoa Real	169,05	58.170,11	76.381,50	131,31%

O município de Lagoa Real apresenta uma margem aceitável de variação em relação ao consumo estimado, pois dentro dos cálculos de cobrança, fatores como medições diretas de IP, assim como perdas de elementos da rede elétrica (reatores, p. ex.), desatualização do mapa georreferenciado, entre outros, contribuem para o consumo cobrado por mês.

Por outro lado, o município de Guanambi apresenta variações muito elevadas, o que pode vir a significar:

- Quantidade de pontos existentes não informados;
- Carga instalada maior que a registrada no cadastro, ou;
- Que a cobrança estimada realizada pela distribuidora de energia considera um número maior de horas diárias de consumo.

Ressalta-se a manutenção dos pedidos de atualização dos cadastros junto à Distribuidora Coelba durante a elaboração do presente contrato. Caso não haja resposta, o futuro Projeto de Engenharia deverá estabelecer metodologia para estimativa de pontos eventualmente somados à quantidade informada, considerando, como ponto de partida, a quantidade de pontos informada pela distribuidora de energia.

7.3 Avaliação do Parque de Iluminação Pública

Como relatado no item 4 do presente relatório, os municípios de Guanambi e Lagoa Real possuem atualmente distribuição de tipos e potências de lâmpadas bastante variável entre si. Entretanto, as configurações internas de Iluminação Pública dos municípios são bastante similares.

Os próximos itens buscam apresentar dados e análises das ações durante a elaboração do presente documento

7.3.1 Análise Geral da Qualidade do Parque

Os estudos, entrevistas e os dados recolhidos durante o trabalho de campo, constataam que as configurações estruturais dos parques de IP são padronizadas em relação à hierarquização viária do CTB, porém com situações ainda muito desfavoráveis quando se trata de atingimento das demandas normativas da NBR-5101, principalmente nas vias de classificação V4.

Em rondas diurnas e noturnas durante o levantamento de campo, através de avaliações técnicas-visuais, a equipe técnica observou uma série de inadequações do parque constantes, citadas a seguir:

- Lâmpadas acesas durante o dia;
- Lâmpada apagada durante a noite;
- Difusor, sujo, quebrado ou amarelado;
- Sem difusor;
- Braço quebrado/torto;
- Falta da lâmpada;
- Lâmpada intermitente (piscando);
- Luminária quebrada ou sem fixação adequada;
- Luminária aberta;
- Trechos sem iluminação;
- Postes abalroados.

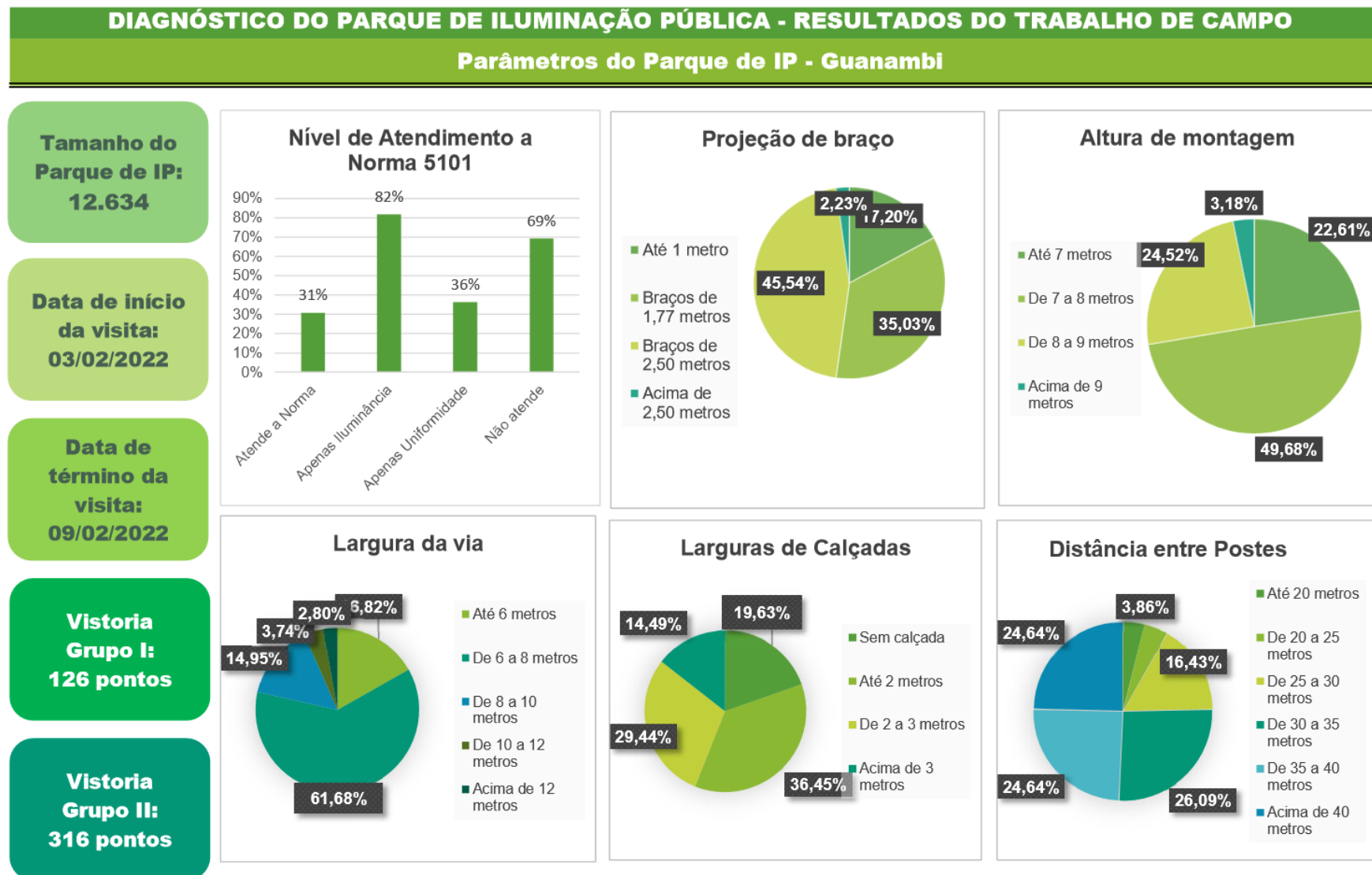
7.3.1.1 Ligações Sede/Distritos

Sobre os distritos, a implantação de IP entre a sede e seus centros, pelas rodovias, será impactante no Projeto pelas suas distâncias consideráveis. Portanto, o Projeto de Engenharia a ser desenvolvido irá considerar no dimensionamento como demanda reprimida a implantação de IP apenas nos acessos das rodovias aos Distritos apresentados no item 5.4.

7.3.1.2 Rodovias

As rodovias que cortam ou margeiam as áreas urbanas dos municípios, fazem parte da malha das cidades, sendo usadas não só pelos veículos que transitam por ela, como também como entre os bairros e distritos dos municípios. Na análise do cadastro e das rondas em campo, foi verificada a existência de pontos de IP nas vias paralelas e próximas às rodovias, assim como nas rotatórias e entroncamentos de acesso aos bairros da Sede. Como exposto no item 5.4 – Demanda Reprimida, foram consideradas como tal os trechos que cortam ou circundam as áreas urbanas, pois esse não está contemplado com IP. Para a execução da PPP em elaboração, para implantação de pontos de IP no trecho citado, as Prefeituras municipais necessitarão de acordos com os órgãos responsáveis pelas Rodovias. Sugere-se que as tratativas sejam iniciadas no curso das Etapas iniciais dessa estruturação da PPP.

7.3.2 Resumo das Amostras



DIAGNÓSTICO DO PARQUE DE ILUMINAÇÃO PÚBLICA - RESULTADOS DO TRABALHO DE CAMPO

Parâmetros do Parque de IP - Lagoa Real

Tamanho do Parque de IP:
1.458

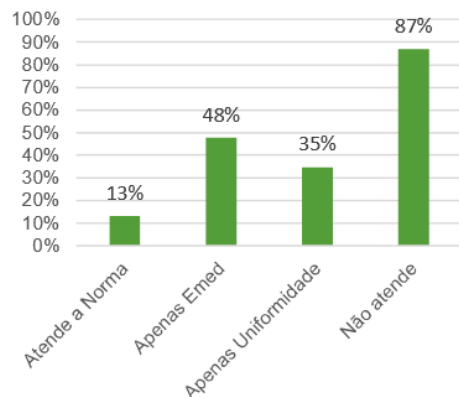
Data de início da visita:
11/02/2022

Data de término da visita:
14/02/2022

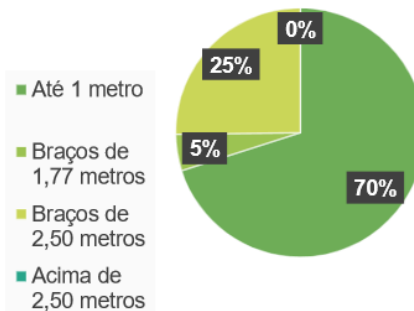
Vistoria Grupo I:
50 pontos

Vistoria Grupo II:
126 pontos

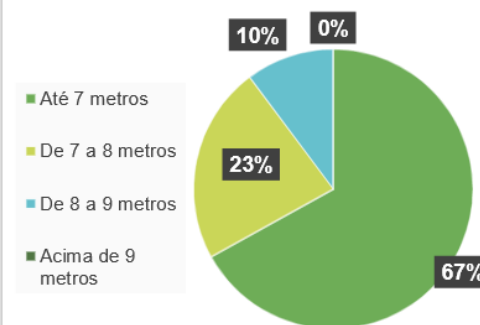
Nível de Atendimento a Norma 5101



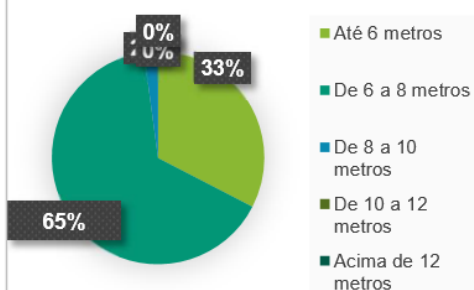
Projeção de braço



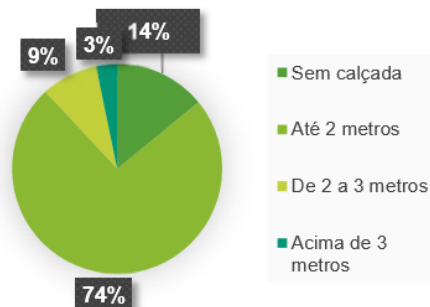
Altura de montagem



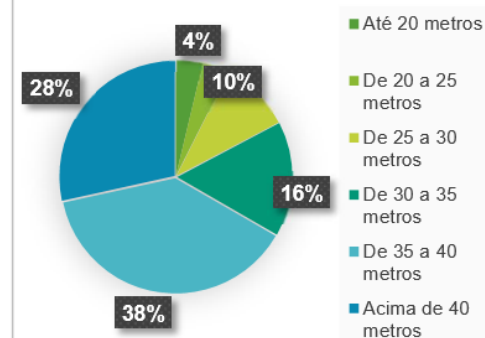
Largura da via



Larguras de Calçadas



Distância entre Postes



7.3.3 Grupo 1: Iluminância

No item 5.1.2 da norma NBR 5101– Requisitos de Iluminância e Uniformidade, as recomendações utilizadas para vias de veículos e pedestres são os parâmetros utilizados no estudo para verificação de atendimentos. São esses:

- $E_{\text{méd}}$: Iluminância média dos pontos coletados e calculados na malha;
- $E_{\text{mín}}$: Iluminância mínima da malha;
- Uniformidade: Razão entre a iluminância mínima e média, representada por:

$$U = E_{\text{mín}}/E_{\text{méd}}$$

Em comparação ao exposto no item 4.2.1 os levantamentos de campo apontaram que a porcentagem de atendimento dos fatores de Iluminância Média ($E_{\text{Méd}}$) e Uniformidade (U), de acordo com sua classe de iluminação, estão significativamente em desacordo com a Norma NBR 5101:2018. Estes dados estão apresentados na Tabela 21.

Tabela 21 – Porcentagens de Atendimento à Norma – Vias				
Município	Classe de Iluminação	Iluminância Média Mínima (E_{Med})	Uniformidade (U)	Atendimento Pleno (U e E_{Med})
Guanambi	V2	80%	30%	20%
	V3	92%	46%	46%
	V4	78%	34%	28%
Lagoa Real	V2	50%	50%	0%
	V3	67%	17%	0%
	V4	67%	100%	67%
	V5	69%	31%	31%
Média dos Municípios	V2	65%	40%	10%
	V3	80%	32%	23%
	V4	73%	67%	48%
	V5	69%	31%	31%

Da mesma forma, os levantamentos de campo demonstraram que grande parte das vias de pedestres dos logradouros não estão de acordo com a NBR 5101. Os dados estão demonstrados na Tabela 22.

Tabela 22 – Porcentagens de Atendimento à Norma – Calçadas

Município	Classe de Iluminação	Iluminância Média Mínima (E _{Med})	Uniformidade (U)	Atendimento Pleno (U e E _{Med})
Guanambi	P2	75%	60%	40%
	P3	90%	50%	30%
	P4	96%	55%	49%
Lagoa Real	P2	75%	0%	0%
	P3	100%	45%	27%
	P4	88%	38%	23%
Média dos Municípios	P2	75%	30%	20%
	P3	95%	48%	29%
	P4	92%	47%	36%

O Anexo 2 do presente Relatório detalha os pontos levantados na parte de Iluminância.

7.3.4 Grupo 2: Estrutural

De maneira geral, foi observado, que o SIP dos municípios possui distribuição estrutural dos ativos de forma regular em relação às classes viárias existentes. Por consequência, as distribuições entre classes de iluminação também têm tendência de distribuição regular.

A Tabela 23 mostra os valores típicos encontrados nos dados levantados. Tais valores subsidiarão as alternativas para soluções no projeto de engenharia a ser elaborado.

Tabela 23 – Valores Típicos por Classe Viária

Município	Classe de Iluminação	Largura da Via (m)	Espaçamento entre Pontos (m)	Altura de Montagem (m)	Comprimento dos Braços (m)
Guanambi	V2	8,93	35,21	8	2,3
	V3	7,8	41,71	7,85	2,23
	V4	6,8	35,82	7,56	1,76
	Média	7,05	36,81	7,64	2,1
Lagoa Real	V2	7,1	33,5	7,66	2,14
	V3	7,33	43,87	7,58	2,13
	V4	7,48	27,20	6,88	1,38
	V5	6,27	38,77	6,9	1,27
	Média	6,77	37,86	7,05	1,46
	V2	8,02	34,36	7,83	2,22

MÉDIA DOS MUNICÍPIOS	V3	7,57	42,79	7,72	2,18
	V4	7,14	31,51	7,22	1,57
	V5	6,66	37,79	7,27	1,69
	Média Geral	6,77	37,86	7,05	1,46

Tabela 24 - Distribuição das Vias de Pedestres por Classe de Iluminação		
Município	Classes de Iluminação	Largura Média
Guanambi	P2	3,6
	P3	2,24
	P4	2,41
Lagoa Real	P2	5,27
	P3	1,81
	P4	1,47

As calçadas das vias estudadas encontram sua distribuição média de dados coletados em campo conforme Tabela 24.

O Anexo 3 do presente Relatório apresenta a totalidade dos dados coletados nos 6 municípios do CDS participantes do corrente Projeto.

A Tabela 25 demonstra os resultados coletados em campo agrupados pelas respectivas classes de iluminação viárias, em cada município.

Tabela 25 - Dados estruturais por classes de Iluminância

Município	Espaçamento entre Pontos	Largura da Via	Largura da Calçada	Altura de Montagem	Projeção dos Braços
Guanambi	■ Até 25 metros ■ De 25 a 30 metros ■ De 30 a 35 metros ■ De 35 a 40 metros ■ Acima de 40 metros	■ Até 6 metros ■ De 6 a 8 metros ■ De 8 a 10 metros ■ De 10 a 12 metros ■ Acima de 12 metros	■ Sem nenhuma calçada ■ Até 2 metros ■ De 2 a 3 metros ■ Acima de 3 metros	■ Até 7 metros ■ De 7 a 8 metros ■ De 8 a 9 metros ■ Acima de 9 metros	■ Sem Braço ■ até 1 m ■ Entre 1,00 e 1,77m ■ Entre 1,77 e 2,5m ■ Entre 2,5 e 3,0m ■ Acima de 3,00m
Lagoa Real	■ Até 25 metros ■ De 25 a 30 metros ■ De 30 a 35 metros ■ De 35 a 40 metros ■ Acima de 40 metros	■ Até 6 metros ■ De 6 a 8 metros ■ De 8 a 10 metros ■ De 10 a 12 metros ■ Acima de 12 metros	■ Sem nenhuma calçada ■ Até 2 metros ■ De 2 a 3 metros ■ Acima de 3 metros	■ Até 7 metros ■ De 7 a 8 metros ■ De 8 a 9 metros ■ Acima de 9 metros	■ Sem Braço ■ até 1 m ■ Entre 1,00 e 1,77m ■ Entre 1,77 e 2,5m ■ Entre 2,5 e 3,0m ■ Acima de 3,00m

7.3.5 Avaliação dos Resultados

De maneira geral verifica-se que as Vias dos municípios possuem baixos coeficientes de atingimento a norma NBR 5101. Respectivamente, V2, V3 e V4 registraram índices de atendimento pleno de 15%, 22% e 12% de média geral. Nota-se que as vias de classificação V4 e V5 possuem índices que variam de 0% a 28%, configurando as piores situações viárias.

Do ponto de vista estrutural, as configurações das vias (larguras de vias de veículos e pedestres) são muito similares nos municípios, apresentando também proporções expressivas de vias V4 e V5 em relação às principais (V2 e V3), conforme exposto no item 4.3.1.

De maneira geral, os estudos, entrevistas e dados coletados em campo, apresentam os seguintes pontos:

- Vias classificados como V4 e V5 possuem na média geral aproximadamente 7,00 metros de largura de via, espaçamento entre pontos menor que 40,00m, com altura de montagem relativamente de 6,90m;
- Em todas as classes de iluminação, o espaçamento entre pontos e largura média das vias das vias e encontram valores também favoráveis ao desenvolvimento do Projeto de Engenharia, pois, percentualmente, se encontram com cerca de 90% de seus valores menores que 8,00 m de largura de vias e mais de 70% dos pontos com espaçamento menor que 40,00 m.

Portanto, apesar dos baixos índices de adequação à NBR 5101 atuais, mesmo com configurações municipais muito diversificadas de tipos e potências de lâmpadas, a modernização dos parques em tecnologia LED a ser desenvolvida, a partir da situação de cada município exposta no presente Relatório, possui grande potencial de efficientização de consumo assim como de eficácia de iluminação em relação às realidades de cada município.

Ainda, situações de baixa urbanização em vias V4 e V5 (sem pavimentação, p.ex.) têm como consequência baixos índices de iluminação. Essa situação é frequente nas vias de bairros periféricos da cidade, com vãos e potências de lâmpadas aquém dos necessários para atingimento dos valores orientados pela norma NBR 5101.

As soluções a serem apresentadas, com base no presente relatório, terão os seguintes vetores de dimensionamentos quantitativos:

- **Modernização:** Substituição do parque de tecnologia convencional e de luminárias fora do tempo de garantia por tecnologia LED;
- **Expansão:** Crescimento vegetativo do parque;
- **Correção de pontos escuros/Demanda Reprimida:** Correção de vãos e demanda reprimida (vias sem implantação de IP).

7.4 Vida Útil Remanescente dos Ativos Existentes

7.4.1 Luminárias Convencionais

Durante as vistorias foi verificada a existência de luminárias convencionais em bom estado de conservação e que ainda podem suportar mais 5 anos. Entretanto, acredita-se aqui não fazer sentido mantê-las, levando-se em consideração a economia de escala na aquisição das próximas luminárias LED. Mesmo reformadas em curto prazo, esses pontos não alteram as dimensões de projeto, pois serão substituídos por estarem aquém do que a tecnologia LED oferece a nível de eficiência, conforme será detalhado no Projeto de Engenharia.

7.4.2 Luminárias em LED

Apresentado no item 5.5, as modernizações em tecnologia LED apresentadas pelas Prefeituras e vistoriadas em campo estão em geral nas vias principais das suas Sedes. Foi informado que as modernizações se iniciaram no ano de 2019, com garantia estimada entre 36 e 60 meses. Não foi informada a quantidade de pontos modernizados.

Foram observados bons índices de iluminância nas vias (item 7.3.3), porém, dado o tempo de implantação e garantia, em relação com o tempo para início da execução da PPP, esses pontos deverão ser substituídos por novas luminárias no Projeto de Engenharia.

A Figura 21 apresenta exemplo da modernização em LED nos municípios.

Figura 21 - Praça de Guanambi com iluminação em LED



7.4.3 Indicadores de Desempenho

Os indicadores de desempenho são dados a partir de Relatórios das manifestações dos usuários do SIP municipal, sendo possível, em linha de tempo, se estabelecerem a quantidade de manifestações por ano, por exemplo. Entretanto, durante a elaboração do presente Diagnóstico não foram identificados tais documentos.

A Prefeitura Municipal de Guanambi disponibilizou um compilado de manifestações da população, não categorizada em forma de Relatório, em que se registraram aproximadamente 1.800 demandas sobre o parque de IP municipal entre os anos de 2021 e 2022.

A prefeitura do município de Guanambi possui sítio eletrônico com *layouts* idênticos, mudando apenas o conteúdo.

Nas páginas das prefeituras citadas, há uma página exclusiva da ouvidoria municipal, que recebe variadas manifestações dos munícipes, que podem fazer reclamações, denúncias, elogios, solicitações, apresentar dúvidas e sugestões. Os munícipes também podem acompanhar o processo de sua manifestação através de aba própria na página da ouvidoria através do protocolo gerado pelo atendimento eletrônico. Nas páginas das prefeituras dos municípios citados não há outros canais de manifestação da população além do canal eletrônico da ouvidoria. Tampouco há canal exclusivo para manifestações dos usuários do SIP.

A prefeitura de Lagoa Real não possui ouvidoria municipal, oferecendo para os munícipes o endereço, telefone e horários de atendimento presencial da prefeitura, bem como uma aba “fale conosco” em sua página eletrônica.

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TERMO DE ENCERRAMENTO

Rio de Janeiro, 13 de dezembro de 2023.

À

Caixa Econômica Federal (CAIXA)

Ref.: Etapa 1: Planejamento, Diagnóstico e Estudos - Diagnóstico Técnico Operacional dos Parques de Iluminação Pública dos municípios integrantes do Consórcio de Desenvolvimento Sustentável do Alto Sertão.

Prezados Senhores,

Este volume de nº 0488CT1012-05 contém 56 (cinquenta e seis) páginas numeradas sequencialmente inclusive esta de encerramento.

Atenciosamente,



Eng. Eduardo Ramalho Ortigão

CREA 35162/D-RJ

CPF. nº 339.109.107-00

Sócio Diretor

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Verificado: Elvio Gaspar

Data: 12/12/2023



Aprovado: Eduardo Ortigão

Data: 12/12/2023



ANEXOS

ANEXO 1 – CADASTROS DE ILUMINAÇÃO PÚBLICA

ANEXO 2 – RESULTADOS DOS LEVANTAMENTOS – GRUPO 1

ANEXO 3 – RESULTADOS DOS LEVANTAMENTOS – GRUPO 2

ANEXO 4 – CLASSES DE ILUMINÂNCIA – PREFEITURAS MUNICIPAIS

ANEXO 1 – CADASTROS DE ILUMINAÇÃO PÚBLICA

ANEXO 1 – CADASTROS DE ILUMINAÇÃO PÚBLICA

Guanambi

Tipo_Lampada	Potencia_Lampada	Qtd_Lampada	Latitude	Longitude
VS	250	4	-14,21338043	-42,78817583
VS	70	1	-14,23491492	-42,77797094
VS	400	1	-14,19620698	-42,75688527
VS	70	1	-14,19658807	-42,76847559
VS	70	1	-14,19592048	-42,76920332
VS	70	1	-14,19537038	-42,77182315
VS	70	1	-14,23059227	-42,75130196
VS	70	1	-14,23175577	-42,75130645
VS	70	1	-14,23196668	-42,75139965
VS	250	1	-14,23294536	-42,75143662
VS	70	1	-14,23205001	-42,7503432
VS	70	1	-14,23314787	-42,75063554
VS	70	1	-14,20781218	-42,79366119
VS	250	1	-14,23310458	-42,7841377
VS	70	1	-14,2329273	-42,76296768
VS	250	1	-14,23135255	-42,75767565
ME	400	1	-14,26671264	-42,78322039
VS	250	1	-14,22560591	-42,78247137
VS	250	1	-14,2275957	-42,78623332
VS	70	1	-14,2275957	-42,78623332
VS	250	1	-14,24536838	-42,75772567
VS	250	1	-14,21782448	-42,80445168
VS	70	1	-14,30653555	-42,95952027
VS	250	1	-14,20868584	-42,78789251
VS	400	1	-14,20099794	-42,92626058
VS	250	1	-14,2321436	-42,74950478
VS	250	1	-14,23329535	-42,74956678
VS	250	1	-14,21412567	-42,78149681
ME	250	1	-14,21901708	-42,76195283
VS	250	1	-14,32733354	-42,97841224
VS	70	1	-14,28271446	-42,71182086
VS	250	1	-14,20408066	-42,78194336
VM	125	1	-14,32605054	-42,88755592
VS	70	1	-14,22810608	-42,76249208
VS	250	1	-14,21758307	-42,78821548
VS	70	1	-14,23427314	-42,78066632
VS	250	1	-14,24234436	-42,75622327
ME	250	1	-14,21539856	-42,76029807
ME	250	1	-14,2169986	-42,76063131
ME	250	1	-14,21747682	-42,75891553
ME	250	1	-14,21765533	-42,75622531
VS	70	1	-14,30287318	-43,03938394
VS	400	2	-14,20940402	-42,7713964
VS	70	1	-14,20431162	-42,79170274
VS	250	1	-14,19445883	-42,75617962
VS	250	1	-14,24189776	-42,75735261
VS	250	1	-14,23144467	-42,6172506
VS	250	1	-14,20953093	-42,76003883
VS	250	1	-14,22796949	-42,75728883
VS	70	1	-14,30580409	-42,93827113
VS	250	1	-14,22653934	-42,75655076
VS	250	1	-14,23664207	-42,77019037
VS	70	1	-14,21791203	-42,74852853
VS	250	1	-14,32185824	-42,98198605
VS	250	1	-14,23032632	-42,75186183
VS	250	1	-14,20892099	-42,78093124
VS	250	1	-14,1943641	-42,77128911
VS	70	1	-14,19491628	-42,76866819

VS	250	1	-14,22298694	-42,79253697
VS	250	1	-14,23211263	-42,78335571
VS	250	1	-14,21723582	-42,79825386
VS	250	1	-14,21492153	-42,8035748
VS	250	1	-14,19551339	-42,75760934
VS	250	1	-14,19886666	-42,75496121
VS	250	1	-14,19350361	-42,75901201
VS	70	1	-14,20646136	-42,75761539
VS	250	1	-14,23889686	-42,7627835
VS	70	1	-14,24493525	-42,76030107
VS	250	1	-14,21369314	-42,77028023
VS	250	1	-14,22004936	-42,79501987
VS	70	1	-14,12417305	-42,85152269
VS	250	1	-14,27063157	-43,01173268
VS	70	1	-14,23088726	-42,7532322
VS	250	1	-14,23768834	-42,75997662
VS	250	1	-14,20867534	-42,78863657
VS	250	1	-14,21067111	-42,75593467
VS	70	1	-14,23956064	-42,7672441
VS	250	1	-14,2139618	-42,77107818
VS	400	1	-14,21347428	-42,80377359
VS	70	1	-14,21904828	-42,79155011
VS	400	2	-14,21099364	-42,79396883
VS	250	1	-14,19509866	-42,75892399
VS	400	1	-14,24084897	-42,59077582
VS	250	1	-14,23008329	-42,77353332
VS	250	1	-14,22984458	-42,77465401
VM	125	1	-14,20941485	-42,79650333
VS	250	1	-14,23629879	-42,77726744
VS	250	1	-14,32662811	-42,98730479
VS	400	1	-14,21935196	-42,80015317
VS	70	1	-14,22727829	-42,74843104
VS	400	2	-14,2091011	-42,7671971
VM	125	1	-14,2324892	-42,78494788
VS	70	1	-14,22836299	-42,76077696
VS	400	2	-14,21152014	-42,80140342
VS	250	1	-14,2145906	-42,79082378
VS	250	1	-14,2244445	-42,77319784
VS	400	1	-14,20218049	-42,75714642
VS	250	1	-14,21128063	-42,76427218
VS	250	1	-14,22297266	-42,77206331
VS	250	1	-14,32364085	-42,97940692
VS	70	1	-14,22763522	-42,74889712
VS	250	1	-14,23389554	-42,75225318
VS	400	2	-14,20945464	-42,77251797
VS	70	1	-14,24586526	-42,76068422
VS	250	1	-14,22074859	-42,79306608
VS	70	1	-14,3286755	-42,92662292
VS	250	1	-14,22812893	-42,77954193
VS	250	1	-14,21596736	-42,76595049
MT	160	1	-14,18774305	-42,88482433
VS	250	1	-14,19846689	-42,75697849
VS	250	1	-14,19805684	-42,75758942
VS	250	1	-14,19692857	-42,7567102
VS	250	1	-14,22389794	-42,78222452
VS	250	1	-14,21002011	-42,75939533
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VS	250	1	-14,21431027	-42,77792836
VM	125	1	-14,2322654	-42,76916175
VS	70	1	-14,28990519	-42,91193602
VM	125	1	-14,221172	-42,92717837
VS	250	1	-14,21418772	-42,78499009

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VS	70	1	-14,23354187	-42,72933089
VS	70	1	-14,24270399	-42,75463315
VS	250	1	-14,2235667	-42,78122241
VS	250	1	-14,19541889	-42,77152519
VS	70	1	-14,22962366	-42,75067804
VS	70	1	-14,2318644	-42,75097499
VS	250	1	-14,23318819	-42,75106676
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VS	70	1	-14,22460999	-42,75870508
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VS	70	1	-14,33181805	-42,90048796
VS	250	1	-14,23049775	-42,7587172
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VS	70	1	-14,35074543	-42,97041838
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VS	70	1	-14,22278055	-42,7893387
VS	250	1	-14,23373621	-42,76502777
VS	250	1	-14,2309255	-42,75820106
VS	250	1	-14,32022562	-42,9810796
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VS	250	2	-14,23604137	-42,780373
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VS	70	1	-14,24672822	-42,76363214
VS	250	1	-14,203261	-42,76138526
VS	70	1	-14,31579877	-42,98427034
ME	250	1	-14,21543603	-42,7577823
VS	150	1	-14,21909659	-42,77126238
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VS	250	1	-14,1954983	-42,75603841
VS	250	1	-14,19587229	-42,75659317
VM	80	1	-14,20891375	-42,76359132
VS	250	1	-14,24096034	-42,75929599
VS	250	1	-14,20898894	-42,75985667
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VS	70	1	-14,31462921	-43,03112316
VS	250	1	-14,22326903	-42,77281783
VS	70	1	-14,25044851	-42,9765785
VS	70	1	-14,31295981	-43,02330731
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VS	250	1	-14,21382884	-42,7730518
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VS	250	1	-14,32304789	-42,98607205
VS	250	1	-14,23000868	-42,77978935

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VS	70	1	-14,23299012	-42,75238106
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VS	70	1	-14,21582819	-42,78681533
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VS	70	1	-14,23107589	-42,75135731
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VS	250	1	-14,22178391	-42,78724063
VS	250	1	-14,22273908	-42,78271176
VS	400	4	-14,32319349	-42,98483831
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VM	80	1	-14,22585437	-42,77837559
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VS	250	1	-14,23773676	-42,77488479
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VM	400	1	-14,21106727	-42,78261606
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VS	70	1	-14,22654996	-42,75135869
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VS	250	2	-14,20581168	-42,80250473
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ME	250	1	-14,21819547	-42,76159557
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VS	70	1	-14,22209268	-42,78682463
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VS	250	1	-14,22906119	-42,75675377
VM	125	1	-14,22390108	-42,75599516
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VS	250	1	-14,2168386	-42,74918183
VS	250	1	-14,22549068	-42,77064452
VS	250	1	-14,31253035	-42,97827604
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VS	70	1	-14,14016504	-42,79426104
VM	125	1	-14,32218864	-42,65287406

VS	250	1	-14,20124583	-42,78642554
VS	250	1	-14,19598667	-42,76889077
VS	70	1	-14,24345993	-42,76645084
VS	250	1	-14,22671702	-42,75754307
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VS	250	1	-14,23820594	-42,77239305
VS	70	1	-14,22600363	-42,7589787
VS	250	1	-14,21396455	-42,78411814
VS	250	1	-14,22453809	-42,77174237
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VS	250	1	-14,23378956	-42,77650264
VS	400	1	-14,2554172	-42,86973237
VS	400	1	-14,20686577	-42,76222211
VM	125	1	-14,21070732	-42,78760089
VS	250	1	-14,22772126	-42,78588461
VS	250	1	-14,32326334	-42,98106495
VS	250	1	-14,21521282	-42,79715714
VS	70	1	-14,13011831	-42,79197475
VS	250	1	-14,22593549	-42,77933988
VS	70	1	-14,25011821	-43,0136813
VS	250	1	-14,2326214	-42,74928279
VS	250	1	-14,2325933	-42,74818445
VS	250	1	-14,23370246	-42,75054737
VS	250	1	-14,23366361	-42,75148737
VS	250	1	-14,21191115	-42,77438172
VS	250	1	-14,22015843	-42,7893945
VS	70	1	-14,33843336	-42,9963099
VS	250	1	-14,21749202	-42,80346365
VS	70	1	-14,25441874	-42,95596764
VS	250	1	-14,22528865	-42,78999331
VS	70	1	-14,35612558	-42,97678447
VS	250	1	-14,24021389	-42,59096307
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VM	125	1	-14,33668029	-42,9175878
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ME	250	1	-14,21599323	-42,75729953
VS	250	1	-14,21220873	-42,78467744
VS	250	1	-14,19612252	-42,75480246
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VS	250	1	-14,19687977	-42,75593011
VS	250	1	-14,19485016	-42,75580226
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VM	400	1	-14,20821388	-42,79521028
VS	400	1	-14,20790064	-42,76374548
VS	250	1	-14,23794599	-42,77476732
VS	250	1	-14,23525508	-42,77623884
VS	250	1	-14,2153786	-42,79938731
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VS	250	1	-14,19439981	-42,77103809
VS	250	1	-14,19442979	-42,76829531
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VS	250	1	-14,22615549	-42,77044703
VS	250	1	-14,21394047	-42,78594384
VS	250	1	-14,23341764	-42,76569405

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VS	250	1	-14,19531718	-42,76942203
VS	250	1	-14,19430573	-42,77396266
VS	70	1	-14,19660929	-42,76718844
VS	70	1	-14,19576148	-42,7688535
VS	70	1	-14,1952753	-42,77217359
VS	70	1	-14,24542595	-42,79407518
VS	250	1	-14,21854742	-42,77889744
VS	250	1	-14,28568031	-42,71170965
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VS	70	1	-14,25862846	-42,95052115
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VS	250	1	-14,22432594	-42,781481
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VS	250	1	-14,20437783	-42,78230581
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VS	70	1	-14,22228671	-42,75472931
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VS	250	1	-14,22055595	-42,78674518
VS	70	1	-14,23386704	-42,75016585
VS	70	1	-14,21696069	-42,79220135
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VS	250	1	-14,23001318	-42,76996691
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VS	250	1	-14,22238525	-42,77591182
VS	250	1	-14,23537694	-42,78224932
VS	70	1	-14,22565199	-42,90452573
VS	150	2	-14,21992714	-42,77293041
VS	70	1	-14,20770149	-42,78790644
VS	250	1	-14,21637749	-42,77334775
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VS	70	1	-14,15605207	-42,81257225
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VS	250	1	-14,23851245	-42,78099564
VS	70	1	-14,19710426	-42,78441696

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VS	250	1	-14,21552862	-42,77582869
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VS	250	1	-14,32302351	-42,98294212
VS	250	1	-14,21387426	-42,78408076
PL	45	1	-14,23453516	-42,81322782
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VS	250	2	-14,22669972	-42,76860955
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VM	250	1	-14,21193733	-42,78747539
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VS	70	1	-14,23103716	-42,77769817

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ME	250	1	-14,2191203	-42,76173537
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VS	250	1	-14,23397166	-42,74990269
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VM	125	1	-14,24255558	-42,76087707

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VM	80	1	-14,22527595	-42,78658538
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VS	70	1	-14,226454	-42,77392046
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VS	70	1	-14,22142683	-42,76613197
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VS	70	1	-14,20450551	-42,7912241
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VS	250	1	-14,20845046	-42,78105011
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VS	250	1	-14,21542568	-42,79470717
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VS	250	1	-14,23693529	-42,7654927
VM	400	1	-14,22922681	-42,77556949
VS	250	1	-14,21671026	-42,77056337
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VS	400	1	-14,21956709	-42,79997811
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VS	250	1	-14,20302159	-42,78171703
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VM	400	1	-14,22551242	-42,76844529
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VS	250	1	-14,24064404	-42,77010678
VS	250	1	-14,22843644	-42,77673463
VS	250	1	-14,22038556	-42,76700533
VS	70	1	-14,2280429	-42,76279791
VS	250	1	-14,21621499	-42,77327306

VS	250	1	-14,21634651	-42,7965269
VS	250	1	-14,24215494	-42,75892922
VS	250	1	-14,23446928	-42,76479852
VS	250	1	-14,32324817	-42,98036022
VS	70	1	-14,22814044	-42,76347975
VS	250	1	-14,2217064	-42,79154081
VS	250	1	-14,21499036	-42,79652216
VS	250	1	-14,3224387	-42,9837224
VS	250	1	-14,21563001	-42,78903589
VS	150	2	-14,09387289	-42,81859197
VS	70	1	-14,09445347	-42,81801973
VS	250	1	-14,22437011	-42,7898447
VS	250	1	-14,2209628	-42,77021871
VS	250	1	-14,2213391	-42,77228837
VM	125	1	-14,21749293	-42,76950529
VS	250	1	-14,21749293	-42,76950529
VS	250	1	-14,32121686	-42,98186273
VS	400	1	-14,22490686	-42,79347669
VS	250	1	-14,19567863	-42,75839213
VS	250	1	-14,19534481	-42,75836711
VS	250	1	-14,19486566	-42,75886938
VS	400	2	-14,15036323	-42,74824113
ME	250	1	-14,14991563	-42,74848891
VS	70	1	-14,25805292	-42,97903275
VS	250	1	-14,21294754	-42,77438338
VS	70	1	-14,2174099	-42,7907698
VS	250	1	-14,20512929	-42,80574373
VS	70	1	-14,24955729	-42,88174196
VM	125	1	-14,23302511	-42,78562393
VS	70	1	-14,07469793	-42,8208302
VS	400	1	-14,2071981	-42,76290903
VS	150	1	-14,21309458	-42,76590404
VS	250	1	-14,23436675	-42,76293515
VS	250	1	-14,22131899	-42,77458793
VS	70	1	-14,3388378	-42,9252241
VS	400	2	-14,20893922	-42,76692779
VM	80	1	-14,20711113	-42,79074399
VM	125	1	-14,15522301	-42,62936249
VS	250	1	-14,22797512	-42,78234048
VS	70	1	-14,22593946	-42,7586881
VS	70	1	-14,22500476	-42,75889473
VS	70	1	-14,22354597	-42,76014165
VS	70	1	-14,22556094	-42,75779281
VS	250	1	-14,23110051	-42,77925644
VM	80	1	-14,05128077	-42,8947995
VS	250	1	-14,21974385	-42,79172863
VS	70	1	-14,20653284	-42,80646646
VS	250	1	-14,21653161	-42,79795482
VM	125	1	-14,17217507	-42,622105
VS	250	1	-14,20547189	-42,78228176
VS	250	1	-14,22064579	-42,78416894
VS	250	1	-14,21373898	-42,77983606
ME	250	1	-14,23065927	-42,77713149
VS	250	1	-14,21491142	-42,78769187
VS	250	1	-14,2270851	-42,75061397
VS	250	2	-14,23226262	-42,75147644
VM	125	1	-14,11821076	-42,67654863
VS	70	1	-14,20321473	-42,78617757
VS	250	1	-14,2265389	-42,78468972
VS	250	1	-14,220112	-42,76758635
VS	250	1	-14,22195984	-42,76699404
VS	250	1	-14,21949592	-42,77889818

VS	250	1	-14,21815183	-42,80010141
VS	70	1	-14,20683146	-42,77469031
VS	70	1	-14,23103874	-42,75861167
VS	70	1	-14,30892705	-42,92852402
VS	250	1	-14,20352707	-42,78533336
VS	250	1	-14,21408821	-42,79435978
VS	250	1	-14,23318939	-42,78309063
VS	150	1	-14,21939725	-42,77054975
VS	250	1	-14,20149229	-42,78648153
VS	250	1	-14,21049715	-42,79101069
VM	125	1	-14,03871522	-42,92332404
VS	70	1	-14,23399674	-42,75293357
VS	250	1	-14,21580948	-42,79760937
VS	250	1	-14,21234701	-42,76996984
VS	250	1	-14,32137296	-42,98346743
VS	400	1	-14,20906954	-42,76857788
VS	70	1	-14,22778879	-42,75884423
VS	400	2	-14,20948988	-42,77280539
VS	400	2	-14,21167836	-42,79049663
VS	250	1	-14,22625046	-42,75355609
VS	250	1	-14,23528774	-42,76675476
VS	70	1	-14,24520603	-42,76092422
VS	70	1	-14,23330737	-42,78016862
VS	70	1	-14,31713389	-42,98403109
ME	250	1	-14,21759077	-42,75827826
VS	400	8	-14,21742477	-42,77101576
VS	250	1	-14,19633649	-42,75692843
VS	250	1	-14,2395564	-42,76009771
VS	250	1	-14,24433832	-42,75752759
VS	250	1	-14,2256088	-42,62155145
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ME	250	1	-14,23677432	-42,7705055
VS	250	1	-14,2134744	-42,80104884
VS	250	1	-14,21265489	-42,80008211
VS	250	1	-14,1946434	-42,76993547
VS	70	1	-14,19461324	-42,76857542
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VS	250	1	-14,21416209	-42,80357212
VS	250	1	-14,22282605	-42,77266525
VS	250	1	-14,19753578	-42,75298769
VS	250	1	-14,21609075	-42,79064687
VS	70	1	-14,24240425	-42,94036902
VS	250	1	-14,21612196	-42,77963986
VS	70	1	-14,25316263	-42,88752514
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VS	70	1	-14,24543536	-42,94702868
VS	70	1	-14,03982531	-42,90644202
LED	100	1	-14,07894098	-42,89626822
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VS	250	1	-14,21601612	-42,799323
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VS	250	1	-14,21470961	-42,78794382
VS	70	1	-14,22545598	-42,75909968
VS	70	1	-14,22380465	-42,76005354
VS	70	1	-14,22394162	-42,76039415
VS	70	1	-14,25359251	-42,78218211
MT	160	1	-14,29464127	-42,82755546
VS	250	1	-14,21151873	-42,78695142

VS	70	1	-14,12958092	-42,79188711
VS	70	2	-14,11737678	-42,78986092
VS	70	1	-14,10990106	-42,78524259
VS	250	1	-14,10990106	-42,78524259
VM	80	1	-14,22206688	-42,78367335
VS	250	1	-14,23671477	-42,76077513
VS	250	1	-14,23443896	-42,75068902
VS	250	2	-14,2194025	-42,78006815
VS	250	1	-14,2131477	-42,77399481
VM	125	1	-14,21975305	-42,79884898
VS	70	1	-14,24953168	-42,89216499
VS	150	1	-14,23823182	-42,76717474
VS	250	1	-14,22629249	-42,76580114
VS	250	1	-14,2366902	-42,77157836
VS	250	1	-14,21631751	-42,79037221
VM	125	1	-14,32648849	-42,88794189
VS	70	1	-14,2347488	-42,78121824
ME	250	1	-14,21686976	-42,75889757
ME	250	1	-14,21836324	-42,75791104
VS	70	1	-14,31946	-42,98476644
VS	400	1	-14,08062254	-42,93881537
VS	250	1	-14,1956799	-42,75516409
VS	70	1	-14,19722547	-42,61435624
VS	250	1	-14,22786407	-42,6165247
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VS	250	1	-14,25746071	-42,96282273
VS	250	1	-14,21977565	-42,77095883
VS	250	1	-14,21770055	-42,78845297
VS	400	1	-14,2853014	-42,80759634
VS	150	1	-14,19978717	-42,78211371
VS	250	1	-14,22811277	-42,77617741
VS	250	2	-14,21292717	-42,78063913
VS	250	1	-14,22889908	-42,7790348
VS	250	1	-14,19834485	-42,75388475
VS	250	1	-14,19843156	-42,75399727
VS	70	1	-14,21968681	-42,76422614
VS	250	1	-14,22506882	-42,78082902
VS	250	1	-14,21798022	-42,80470571
VM	125	1	-14,22363764	-42,7535289
VS	70	1	-14,25066113	-42,88175542
VS	250	1	-14,18711896	-42,76850228
VS	250	1	-14,32235469	-42,97998548
VM	80	1	-14,33273981	-42,97842636
VS	250	1	-14,23814775	-42,77566848
VS	250	1	-14,21559144	-42,76758039
VS	70	1	-14,12639632	-42,67224618
VM	80	1	-14,23549018	-42,76503367
VS	70	1	-14,2516834	-42,95401437
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VS	250	1	-14,21636813	-42,77065073
VM	250	1	-14,18777636	-42,74043803
VS	250	1	-14,20392496	-42,78255448
VS	250	1	-14,23638508	-42,76790075
VS	70	1	-14,22397256	-42,78428234
VS	250	1	-14,22397256	-42,78428234
VS	250	1	-14,19512819	-42,77035691
VS	70	1	-14,1935819	-42,77354263
VS	250	1	-14,21603003	-42,76331858
VM	125	1	-13,9998333	-42,90636829
VS	150	1	-14,21684361	-42,76899336
VS	70	1	-14,26029672	-42,5982672

VS	400	2	-14,20942836	-42,77225838
VS	250	1	-14,21432039	-42,76640835
VS	70	1	-14,21973517	-42,78614863
VS	250	1	-14,21761135	-42,76641942
VS	250	1	-14,21641401	-42,95656399
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VS	70	1	-14,22327629	-42,75343502
VS	250	1	-14,24512465	-42,75760436
VS	70	1	-14,19783926	-42,78371416
VS	70	1	-14,20096342	-42,80046739
VS	250	1	-14,22297024	-42,76266136
VS	250	1	-14,23226578	-42,77374215
VS	250	1	-14,19863792	-42,7830618
VS	70	1	-14,19750825	-42,78264062
VS	70	1	-14,19770936	-42,78395652
VS	250	1	-14,21675531	-42,79729961
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VS	250	1	-14,21232825	-42,76454808
VS	70	1	-14,24106617	-42,76578467
VS	250	1	-14,23018531	-42,75580285
VS	250	1	-14,21531699	-42,77417827
VS	250	1	-14,22261595	-42,77333186
VS	70	1	-14,20243056	-42,79577526
VS	250	1	-14,2140762	-42,77484135
VS	250	1	-14,21694762	-42,78151482
VS	70	1	-14,20840709	-42,77546294
VS	70	1	-14,20880538	-42,79103383
VS	70	1	-14,31827101	-43,0291013
ME	400	1	-14,22807809	-42,78173449
VS	250	1	-14,2245725	-42,77546392
VS	70	1	-14,32130592	-42,98572733
VS	70	1	-14,20642309	-42,77615914
VS	250	1	-14,23596937	-42,7734421
VS	70	1	-14,24327417	-42,98911665
VS	70	1	-14,2017815	-42,7621244
VS	70	1	-14,23187308	-42,74847266
VS	70	1	-14,23121487	-42,74844537
VS	250	1	-14,23871909	-42,76465523
VS	250	1	-14,22655192	-42,78622832
VS	70	1	-14,22914599	-42,76136053
VS	250	1	-14,20522033	-42,78455145
VS	250	1	-14,22443505	-42,77190061
VM	125	1	-14,22493031	-42,79910486
VS	250	1	-14,21591469	-42,80128912
VS	250	1	-14,21321649	-42,77786902
VS	250	1	-14,24128911	-42,76856984
VS	250	1	-14,24102491	-42,76922223
VS	70	1	-14,23997049	-42,77013046
VS	250	1	-14,22951454	-42,778833
VS	250	1	-14,32335279	-42,98129714
VS	70	1	-14,26457934	-42,79945527
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VS	250	1	-14,2192746	-42,79689859
VS	70	1	-14,21004201	-42,80008221
VS	250	1	-14,28755531	-42,78996461
VS	70	1	-14,28724335	-42,78986784
VS	250	1	-14,21415789	-42,79585975
VM	400	1	-14,21358922	-42,77724008
VS	250	1	-14,21483985	-42,76501416
VS	250	1	-14,21640757	-42,79990065
VS	250	1	-14,20796656	-42,79345784

VS	150	1	-14,2006004	-42,78126446
VS	250	1	-14,32269601	-42,98052472
VS	70	1	-14,23259155	-42,76230245
VS	250	1	-14,23923888	-42,7691223
VS	250	1	-14,24117561	-42,75983432
VS	250	1	-14,21528666	-42,79170387
VS	250	1	-14,24524095	-42,75799406
VS	400	1	-14,23777377	-42,87771189
VS	70	1	-14,22612301	-42,79832152
VS	70	1	-14,22592733	-42,79857404
VS	70	1	-14,22180589	-42,75712959
VS	70	1	-14,22813699	-42,74947889
VS	70	1	-14,22759407	-42,74921842
VS	70	1	-14,22728468	-42,74887428
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ME	400	1	-14,11453569	-42,8615567
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VS	70	1	-14,23444196	-42,75186153
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VS	250	1	-14,22279221	-42,79400067
VS	250	1	-14,19765826	-42,7565763
VS	250	1	-14,20265757	-42,78307634
VS	250	1	-14,21662625	-42,77191205
VS	400	1	-14,20856779	-42,76434085
VS	250	1	-14,23788228	-42,76340112
VS	70	1	-14,24038026	-42,75974824
VS	250	1	-14,22555784	-42,78334243
VS	250	1	-14,22491858	-42,78528658
VS	250	1	-14,23898086	-42,76216091
VS	250	1	-14,20216601	-42,78130661
VS	400	2	-14,21088165	-42,79230024
VS	250	1	-14,23502025	-42,76496721
VS	70	1	-14,22499434	-42,75622123
VS	250	1	-14,22472127	-42,78803897
VS	70	1	-14,22981594	-42,76178403
VS	400	1	-14,21087427	-42,76862901
VS	250	1	-14,22489031	-42,75481209
VS	250	1	-14,22483925	-42,77079061
VS	70	1	-14,22435974	-42,59984053
VS	250	1	-14,22598765	-42,62189543
VS	400	2	-14,2097132	-42,77642984
VS	250	1	-14,2254519	-42,78223273
VS	70	1	-14,21460769	-42,74860377
VS	250	1	-14,32654843	-42,97806578
VS	250	1	-14,24191819	-42,75945677
VS	70	1	-14,19694547	-42,78298945
VM	125	1	-14,03196318	-42,84895004
VS	70	1	-14,24481565	-42,75680053
VS	70	1	-14,28273283	-42,69798836
VS	250	1	-14,23997436	-42,77173159
VS	70	1	-14,28390982	-42,68655215
VS	150	1	-14,21719857	-42,76826238
VS	70	1	-14,20758701	-42,76679368
VS	250	1	-14,26952156	-43,00276065
VS	70	1	-14,20276937	-42,76395377
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VS	70	1	-14,22824576	-42,7544432
VS	70	1	-14,22050976	-42,79707141
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VS	70	1	-14,22740796	-42,74819364
VS	400	2	-14,2139266	-42,78740811
VS	70	1	-14,28803121	-42,786614
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VS	70	1	-14,32179114	-42,98459096
VS	70	1	-14,30371086	-42,66400766
VS	70	1	-14,20479928	-42,79023479
VS	70	1	-14,2268304	-42,75862323
VS	250	1	-14,21982661	-42,7719785
VS	250	1	-14,22202003	-42,76961512
VS	400	4	-14,24126478	-42,76022391
VS	250	1	-14,24126478	-42,76022391
VS	250	1	-14,21465925	-42,790052
VS	250	1	-14,23395562	-42,75195381
VS	70	1	-14,23482022	-42,75164116
VM	80	1	-14,21812958	-42,77671801
VS	250	1	-14,20495851	-42,78443934
VS	250	1	-14,21632625	-42,77242078
VS	250	1	-14,22877644	-42,77782947
VS	70	1	-14,11534078	-42,8589565
VS	400	2	-14,20065336	-42,75671236
VS	400	1	-14,19980521	-42,75753814
VS	400	1	-14,19997333	-42,75826462
VS	250	1	-14,19917922	-42,75838616
VS	400	1	-14,19822132	-42,75715552
VS	250	1	-14,22664399	-42,78021344
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VS	250	1	-14,21264401	-42,76757974
VS	150	1	-14,22137053	-42,76983351
VS	250	1	-14,21230328	-42,78616989
VS	250	1	-14,22192334	-42,9256727
VS	250	1	-14,20068025	-42,78352495
VM	250	1	-14,18832692	-42,74092429
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VS	70	1	-14,22527975	-42,75853872
VS	70	1	-14,22419763	-42,75938299
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VS	250	1	-14,22261637	-42,78977374
VS	250	1	-14,23017382	-42,77869557
VS	250	1	-14,22311053	-42,75438911
VS	250	1	-14,20807923	-42,79219783
VS	250	1	-14,22460846	-42,77783377
VS	250	1	-14,23112385	-42,77000774
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VS	70	1	-14,0935636	-42,80486442
VS	250	1	-14,2263375	-42,75747693
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VS	250	1	-14,21686505	-42,76856765
VS	250	1	-14,2168467	-42,77363665
VS	250	1	-14,24381406	-42,76878786
VS	70	1	-14,3203704	-42,978855
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VS	250	1	-14,22024317	-42,77734619
VS	250	1	-14,23898225	-42,767168
VS	400	1	-14,20891933	-42,76506954
VS	250	1	-14,21391885	-42,7787426
VS	250	1	-14,21250889	-42,78136985
VS	400	2	-14,21056235	-42,7882988
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VS	250	1	-14,23078672	-42,61676313
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VS	70	1	-14,22895879	-42,75150743
VS	250	1	-14,2261527	-42,78939673
VS	250	1	-14,22477361	-42,77213439
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VM	125	1	-14,26218324	-42,95060378
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VS	250	1	-14,20931289	-42,77719769
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VS	250	1	-14,23831657	-42,76330061
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VS	70	1	-14,21698236	-42,77640826
VS	250	1	-14,22276494	-42,79132205
VS	70	1	-14,24256445	-42,94987418
VS	70	1	-14,25865366	-42,87290919
VM	125	1	-14,25861622	-42,8733322

VS	70	1	-14,22578584	-42,75803583
VS	70	1	-14,22349012	-42,76089952
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VS	70	1	-14,24036233	-42,91266499
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VS	250	1	-14,32217032	-42,98084696
VS	250	1	-14,22364634	-42,77848696

VS	250	1	-14,22550869	-42,61614219
VS	250	1	-14,23339754	-42,74823409
VS	250	1	-14,23423376	-42,75125401
VS	70	1	-14,23458503	-42,75233629
VS	250	1	-14,21175106	-42,77818562
VS	70	1	-14,2295707	-42,76332726
VS	250	1	-14,21972049	-42,79048328
VS	250	1	-14,21490962	-42,76310167
VS	250	2	-14,32162878	-42,98043258
VS	400	2	-14,20264053	-42,75748158
VS	250	1	-14,21683464	-42,78838204
VS	250	1	-14,20761044	-42,77641915
VS	250	1	-14,3215694	-42,97944125
VS	250	1	-14,20829487	-42,79006637
VS	70	1	-14,23362351	-42,7803433
VS	70	1	-14,20582934	-42,78905758
VS	70	1	-14,31550787	-42,98415457
ME	250	1	-14,21690601	-42,75716233
VS	250	1	-14,04711009	-42,94141742
VS	250	1	-14,08730076	-42,93249378
VS	250	1	-14,19706761	-42,75622839
VS	150	1	-14,20255611	-42,75986378
LED	100	1	-14,30732425	-42,95448929
MT	250	1	-14,30732425	-42,95448929
VS	70	1	-14,19733511	-42,61658546
VS	70	1	-14,22436329	-42,59932409
VS	70	1	-14,22415146	-42,78486686
VM	250	1	-14,20846635	-42,79541505
VS	250	1	-14,22278347	-42,79662355
VM	125	1	-14,3326052	-42,94012174
VS	250	1	-14,21604829	-42,76204679
VS	70	1	-14,22328819	-42,75539068
VS	70	1	-14,24153663	-42,7656843
VS	250	1	-14,21813918	-42,77932238
VS	250	1	-14,22419755	-42,78043222
VS	250	1	-14,23663144	-42,7728048
VS	250	1	-14,22263405	-42,78165482
VS	250	1	-14,2434954	-42,75818289
VS	250	1	-14,19536948	-42,75500042
VS	400	2	-14,1335462	-42,84966746
VM	80	1	-14,32175674	-42,98020523
VS	250	1	-14,22569049	-42,78699462
VS	70	2	-14,21978546	-42,78460158
VM	80	1	-14,23453444	-42,7642148
VS	250	1	-14,23453444	-42,7642148
VM	125	1	-14,20934808	-42,78853223
VS	250	1	-14,3256879	-42,98721353
VS	400	1	-14,21204549	-42,80386123
VS	70	1	-14,09283457	-42,92799152
VS	250	1	-14,22720508	-42,61962793
VS	250	1	-14,19899171	-42,78314151
VS	70	1	-14,19758882	-42,78426359
VS	250	1	-14,22593127	-42,77139675
VS	250	1	-14,23809498	-42,7675543
VS	250	1	-14,20101073	-42,79580479
VS	250	1	-14,21834947	-42,78687658
VS	250	1	-14,22807778	-42,78108486
VS	250	2	-14,2137384	-42,76745367
VS	70	1	-14,04042736	-42,92473422
VS	250	1	-14,2212756	-42,79602511
VS	250	1	-14,24372317	-42,75763677
VS	70	1	-14,22037578	-42,9184816

VS	250	1	-14,2008041	-42,75781837
VS	250	1	-14,24110872	-42,76133253
VS	250	1	-14,23923763	-42,76082889
VS	70	1	-14,22999106	-42,7585813
PL	45	1	-14,05092647	-42,90699609
VS	70	1	-14,23089631	-42,75018479
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VS	70	2	-14,21429377	-42,78021748
VS	250	1	-14,21672618	-42,76173997
VS	70	1	-14,22576514	-42,77001047
VS	250	1	-14,22176872	-42,77808358
VS	400	1	-14,21816447	-42,80172336
VS	250	1	-14,22631491	-42,75318556
VS	70	1	-14,31896085	-42,98522785
MT	160	1	-14,05523004	-42,91814257
VS	250	1	-14,23294455	-42,78331223
VS	250	1	-14,32444339	-42,98428743
VS	250	1	-14,21308811	-42,78670086
VS	70	1	-14,20118028	-42,79977736
VS	250	1	-14,20643474	-42,79143495
VS	70	1	-14,21977631	-42,78738199
VS	250	1	-14,22208567	-42,92617531
VS	70	1	-14,22170441	-42,7973566
VS	250	1	-14,2184434	-42,78029657
VS	70	1	-14,20609634	-42,79033743
VS	250	1	-14,28051631	-42,70613099
VS	250	1	-14,22160764	-42,77479281
VS	250	1	-14,235615	-42,77676839
VS	250	1	-14,20250424	-42,76053939
VS	250	1	-14,22565247	-42,78884316
VS	250	1	-14,22565247	-42,78884316
ME	150	1	-14,12812492	-42,7648653
VM	400	1	-14,21028585	-42,76989801
VS	70	1	-14,23505321	-42,6138303
VS	150	1	-14,19716128	-42,6136839
VS	250	1	-14,23774088	-42,77361496
VS	400	2	-14,21071774	-42,79068801
VS	250	1	-14,20444221	-42,7819724
VS	250	1	-14,21693248	-42,77506422
VS	400	1	-14,21192599	-42,80444468
VS	250	1	-14,2025974	-42,76251368
VS	250	1	-14,21410512	-42,79549728
VS	250	1	-14,3254284	-42,98661268
VS	250	1	-14,22352812	-42,77084178
VS	70	1	-14,23330546	-42,74639848
VS	70	1	-14,23365883	-42,74598171
VS	70	1	-14,20202638	-42,80162954
VS	250	1	-14,21882644	-42,78965495
VS	70	1	-14,1973594	-42,79945389
VS	250	1	-14,2535219	-42,70781584
VS	250	1	-14,23596632	-42,76598069
VM	125	1	-14,22467608	-42,75394015
VM	400	1	-14,21645688	-42,77395971
VS	70	1	-14,10596218	-42,87977342
VS	70	1	-14,22150734	-42,7466561
VS	250	1	-14,31978122	-42,98142073
VS	250	1	-14,24060485	-42,76303022
VM	125	1	-14,23299224	-42,77893554
VM	125	1	-14,19807304	-42,61437808
VS	250	1	-14,22356695	-42,78665363
VS	250	1	-14,21540774	-42,7712777
VS	250	1	-14,21683749	-42,78201492

VS	250	1	-14,2141006	-42,78947546
VS	250	1	-14,21539689	-42,78699345
VS	250	1	-14,21593413	-42,786218
VS	70	1	-14,19454625	-42,79986106
VS	250	1	-14,21301819	-42,78596846
VM	80	1	-14,22530099	-42,78721572
VS	250	1	-14,21924771	-42,78865916
VS	250	1	-14,2184297	-42,7862077
VS	250	1	-14,21852506	-42,79934274
VS	250	1	-14,24048928	-42,76241808
VS	250	1	-14,23413128	-42,7770692
VS	70	1	-14,24360782	-42,76825882
VS	70	1	-14,09558886	-42,81647683
VS	70	1	-14,22754282	-42,75953892
VS	250	1	-14,21493162	-42,78146157
VM	80	1	-14,2058849	-42,79172192
VM	125	1	-14,34027784	-42,98106464
VS	70	1	-14,23113706	-42,75503671
VS	250	1	-14,21760093	-42,76402822
VS	250	1	-14,22128778	-42,77305857
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VS	250	1	-14,21559272	-42,78663536
PL	45	1	-14,28108393	-43,03972908
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ME	400	1	-14,17167144	-42,83408759
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VS	70	1	-14,32059218	-42,65117509
VS	250	1	-14,32268211	-42,98170219
VS	70	1	-14,24422294	-42,75593522
VS	70	1	-14,20896792	-42,79016759
VS	250	1	-14,21653019	-42,78880434
VS	250	1	-14,22738883	-42,77079924
VS	250	1	-14,22850871	-42,7570578
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VS	400	2	-14,20895871	-42,76649227
ME	250	1	-14,21429766	-42,76039495
ME	250	1	-14,2148925	-42,76124004
ME	250	1	-14,21599382	-42,76129247
ME	250	1	-14,21494068	-42,75968161
VS	70	1	-14,17046167	-42,62643283
VS	70	1	-14,25321392	-42,59962047
VS	250	1	-14,24045415	-42,75925723
VM	125	1	-14,23374659	-42,76461071
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VS	250	1	-14,21847687	-42,78662678
VS	250	1	-14,3238294	-42,98409933
VS	70	1	-14,10780943	-42,79340309
VS	70	1	-14,22570705	-42,75904509
VS	70	1	-14,2232408	-42,75910008
VS	70	1	-14,22333754	-42,7596122
VS	70	1	-14,22992699	-42,76336182
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VS	70	1	-14,22057343	-42,76638592
VM	125	1	-14,26279575	-42,91353366
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VS	250	1	-14,21607527	-42,80488861
VS	250	1	-14,22736923	-42,76282828
VS	70	1	-14,23779149	-42,76633905

VS	250	1	-14,23941077	-42,7604031
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VS	250	1	-14,21598663	-42,78231784
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VS	400	2	-14,21057838	-42,78853676
VS	400	4	-14,21003582	-42,78074591
VS	400	1	-14,2106174	-42,78745229
ME	400	1	-14,24294664	-42,78252172
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VS	250	1	-14,32057344	-42,98004267
VS	70	1	-14,09276079	-42,8291663
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MT	160	1	-14,19817773	-42,80456986
VS	70	1	-14,09005251	-42,89378732
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VS	400	2	-14,2093203	-42,76932015
VS	250	1	-14,12903311	-42,66368408
VS	250	1	-14,24298916	-42,75816266
VM	400	1	-14,22677548	-42,76472633
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VS	250	1	-14,22583762	-42,78832848
VM	80	1	-14,22619339	-42,77699576
VS	250	1	-14,22016313	-42,7797093
VS	250	1	-14,21195595	-42,77626139
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VS	250	1	-14,21399918	-42,78894952
VS	250	1	-14,23384335	-42,77808518
VS	250	1	-14,20482213	-42,78925594
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VS	70	1	-14,22294906	-42,78484418
VM	125	1	-14,33785126	-42,91636857
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VS	70	1	-14,2051689	-42,78943415
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VS	70	1	-14,20673626	-42,77496774
VS	70	1	-14,28482841	-42,70020176
VS	70	1	-14,28275656	-42,71285933
VS	70	1	-14,22490385	-42,77253708
VS	250	1	-14,31828653	-42,98284219
VS	250	1	-14,32083028	-42,97914441
VS	250	1	-14,20762204	-42,77585396
VS	250	1	-14,23023425	-42,77992915
VS	250	1	-14,21536353	-42,76534604
VS	250	1	-14,226068	-42,7569292
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VS	70	1	-14,24336887	-42,76665446
VS	250	1	-14,20972009	-42,76022982
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VS	70	1	-14,22462572	-42,75270729
VS	70	1	-14,23114812	-42,76814149
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VS	250	1	-14,22674389	-42,78558946
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VS	250	1	-14,228135	-42,61664592
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VM	125	1	-14,19367609	-42,66973101
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VS	250	1	-14,22850908	-42,76544583
VS	150	1	-14,19865118	-42,78205162
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VS	250	1	-14,22570708	-42,77918144
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VS	400	2	-14,2110956	-42,79593395
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VS	70	1	-14,21666888	-42,79357932
VS	250	1	-14,11060572	-42,7875135
VS	250	1	-14,21841865	-42,8014184
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VS	250	1	-14,20083974	-42,78322042
VS	250	1	-14,23353437	-42,75075499
VS	70	1	-14,23475554	-42,75090306
VS	70	1	-14,20614942	-42,79071786
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VS	250	1	-14,2162524	-42,7861836
VS	250	1	-14,21510928	-42,78242605
VS	70	1	-14,20610965	-42,76632246
ME	250	1	-14,21593636	-42,75971857
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ME	250	1	-14,21848212	-42,7600203
VS	250	1	-14,22826022	-42,77809649
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VS	250	1	-14,19585219	-42,75751631
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VS	250	1	-14,2181747	-42,78778425
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VS	70	1	-14,21631169	-42,74790732
ME	250	1	-14,21983793	-42,7618387
VS	70	1	-14,20203987	-42,75872142
VS	400	2	-14,21162964	-42,80385049
VS	70	1	-14,33120495	-42,90130835
VS	250	1	-14,22191129	-42,77872358
VS	400	1	-14,21061563	-42,78798981
VS	250	1	-14,22192705	-42,76827832
VS	250	1	-14,22142572	-42,78619209
VS	250	1	-14,21683406	-42,78030032
VS	250	1	-14,19402711	-42,75626632
VS	250	1	-14,19214982	-42,7585714
VS	250	1	-14,19822263	-42,75416561
VS	70	1	-14,20804807	-42,7906871
VS	70	2	-14,22030787	-42,79882998
VS	250	1	-14,12873838	-42,87688559
VS	250	1	-14,22957742	-42,7764625
VS	400	1	-14,24458339	-42,87162287
VS	400	1	-14,23754776	-42,86728534
VS	250	1	-14,21377077	-42,77143899
VS	250	1	-14,20742009	-42,79283918
VS	250	1	-14,21814516	-42,78025847
VS	70	1	-14,24256983	-42,99109707
VS	70	1	-14,23234527	-42,74646104
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VS	250	1	-14,20132069	-42,76395791
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VS	250	1	-14,22904944	-42,78025106
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VS	250	8	-14,23714373	-42,76815357
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VS	70	1	-14,23142976	-42,76797245
VM	80	1	-14,22437259	-42,75556111
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VS	70	1	-14,14111716	-42,79503073
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ME	250	1	-14,21528978	-42,76129457
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VS	400	2	-14,20929912	-42,77028392
VS	250	1	-14,2123819	-42,78700426
VS	250	1	-14,23200202	-42,75252137
VS	150	1	-14,20000308	-42,78266567
VS	150	1	-14,1989681	-42,7812686
VS	150	1	-14,20035894	-42,78098024
VS	250	1	-14,2172342	-42,79602953
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VS	250	2	-14,20005017	-42,78338637
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VS	250	1	-14,17533045	-42,7330117
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VS	250	1	-14,22391592	-42,77671921
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VS	70	1	-14,31711891	-42,65498639
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VM	80	1	-14,22446137	-42,78685135
VS	250	1	-14,22446137	-42,78685135
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VS	70	1	-14,22278144	-42,75843948
VS	250	2	-14,22344486	-42,78803418
VS	250	1	-14,22485929	-42,77651917
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VS	70	1	-14,20760761	-42,79536572
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VS	250	2	-14,2423213	-42,76247066
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VS	250	1	-14,32261558	-42,97810441
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VS	70	1	-14,28335581	-42,94120595
VS	70	1	-14,23023593	-42,96533936
VS	250	1	-14,20180757	-42,76268091
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VS	250	1	-14,22598507	-42,75742015
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VS	250	1	-14,20244654	-42,76162349

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VS	250	1	-14,22444811	-42,78538691
VS	70	1	-14,26219421	-42,63400003
VS	250	1	-14,20158184	-42,75775608
VS	250	1	-14,21494834	-42,76396984
VS	250	1	-14,23211007	-42,78413427
VS	250	1	-14,22079127	-42,77002618
VS	70	1	-14,2451899	-42,75960349
VS	400	1	-14,20117352	-42,92527898
VS	70	1	-14,21456218	-42,7920628
VS	250	1	-14,32170956	-42,98295894
VM	400	1	-14,23469699	-42,77825753
VS	250	1	-14,21190501	-42,78630753
ME	250	1	-14,21364929	-42,76193506
ME	250	1	-14,21493706	-42,76081952
ME	250	1	-14,21794385	-42,75810093
VS	400	1	-14,20895552	-42,76748391
VS	70	1	-14,13097116	-42,76584497
VS	250	1	-14,22594376	-42,62138553
VS	250	1	-14,33969394	-42,98887888
VM	80	1	-14,25365091	-42,93117413
VS	70	1	-14,22800788	-42,75330062
VM	125	1	-14,22454106	-42,756609
VS	250	1	-14,22714746	-42,7755346
VS	70	1	-14,19422513	-42,77431148
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VS	250	1	-14,23299526	-42,77715077
VS	70	1	-14,32556999	-42,97856224
VS	250	1	-14,32556999	-42,97856224
VS	250	1	-14,21601071	-42,77493134
VS	250	1	-14,22125881	-42,80150245
VS	250	1	-14,21087185	-42,7815496
VS	70	1	-14,32574165	-42,940529
VM	125	1	-14,21491966	-42,79228277
VS	70	1	-14,30329618	-42,92909977
VS	70	1	-14,2326398	-42,74673256
VS	70	1	-14,23395774	-42,74644084
VS	70	1	-14,23252573	-42,74608727
VS	70	1	-14,23185168	-42,74537369
VS	250	1	-14,22286165	-42,78117365
VM	125	1	-14,22277021	-42,7869938
VS	70	1	-14,19457136	-42,77032232
VS	150	1	-14,19812752	-42,78395453
VS	150	1	-14,19910522	-42,78464598
VS	150	1	-14,19837877	-42,78700941
VS	70	1	-14,23081219	-42,777373
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VS	250	1	-14,21448767	-42,78174735
VS	70	1	-14,22127205	-42,74730356
VS	250	1	-14,32510849	-42,98304788
VS	250	1	-14,21812582	-42,78601879
VS	250	1	-14,19696646	-42,75516242
VS	70	1	-14,23506816	-42,61578527
VS	250	1	-14,23140832	-42,61770727
VS	250	1	-14,2126518	-42,79118452
VS	70	1	-14,19954696	-42,79957276
VS	250	1	-14,21436463	-42,78883883
VS	70	1	-14,21916476	-42,98380727
VS	70	1	-14,23071557	-42,74989946
VS	250	1	-14,22571258	-42,77749461
VS	250	1	-14,22773991	-42,76619167

VS	70	1	-14,20456681	-42,79267032
VM	125	1	-14,27202244	-42,95369974
VS	250	1	-14,2744022	-42,94300493
VS	250	1	-14,32417386	-42,9838783
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VS	250	1	-14,22112773	-42,78332719
VS	250	1	-14,21836972	-42,76675562
VS	250	1	-14,23401611	-42,77327956
VS	250	1	-14,22205053	-42,77204165
VS	250	1	-14,32747418	-42,98376284
VS	250	1	-14,22189116	-42,77379281
VM	400	1	-14,22401249	-42,76923073
VS	250	1	-14,32278745	-42,98027478
VS	70	1	-14,34560499	-42,97613613
ME	250	1	-14,21574465	-42,76086652
ME	250	1	-14,2137742	-42,75976187
VS	250	1	-14,22574856	-42,61582558
VM	125	1	-14,34029725	-42,91036976
VS	70	1	-13,99898755	-42,88481999
VM	80	1	-14,27476753	-42,85537285
VS	250	1	-14,2083181	-42,78557228
VS	250	1	-14,22272705	-42,77531564
VS	150	1	-14,19891512	-42,78124117
VS	250	1	-14,22882927	-42,77826527
ME	400	1	-14,20640175	-42,79366555
VS	70	1	-14,2326758	-42,74791018
VS	250	1	-14,22714563	-42,78439522
VS	250	1	-14,22234568	-42,77859531
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VS	70	1	-14,19820327	-42,79873373
VS	250	1	-14,32537568	-42,98535146
VS	250	1	-14,20145294	-42,78500158
VS	250	1	-14,17161011	-42,95309555
VS	70	1	-14,195476	-42,77125413
VS	70	1	-14,19521473	-42,77245279
VS	70	1	-14,19493693	-42,7726662
VS	70	1	-14,23229579	-42,75038878
VS	250	1	-14,22217532	-42,77462996
VS	70	1	-14,31903745	-42,98637788
VM	125	1	-14,22069116	-42,79233435
VS	70	1	-14,2938789	-42,83176229
VS	70	1	-14,28127883	-42,71117667
VS	70	1	-14,22362238	-42,76132927
VS	250	1	-14,22774076	-42,77658396
VS	70	1	-14,24107349	-42,75783186
VS	250	1	-14,23152013	-42,75714855
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VS	70	1	-14,24297317	-42,78383162
VS	70	1	-14,25360993	-42,78331834
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VS	250	1	-14,21165654	-42,78738452
VM	125	1	-14,23439976	-42,84630848
VS	70	1	-14,20607055	-42,7761394
VS	70	1	-14,3579281	-42,96933651
VS	70	1	-14,32726962	-42,9162575
VS	70	1	-14,30010394	-43,05032933
VS	70	1	-14,34244095	-42,9804806
VS	250	1	-14,23348584	-42,7489642
VS	70	1	-14,23420308	-42,75212369
VS	250	1	-14,23537776	-42,75007064
VS	70	2	-14,23502514	-42,75105011
VS	70	1	-14,22616487	-42,78570796

VS	70	1	-14,20406775	-42,87749062
VS	250	1	-14,32365557	-42,98241108
VS	250	1	-14,22933789	-42,76072313
VS	250	1	-14,2268918	-42,75659827
VS	250	1	-14,32351004	-42,98043553
VS	70	1	-14,24030615	-42,76595823
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VS	250	1	-14,21805503	-42,78568925
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VS	400	2	-14,21904001	-42,78032641
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VS	250	1	-14,21695082	-42,80424443
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VS	250	1	-14,23748445	-42,76622679
VS	250	1	-14,2229716	-42,76288612
VS	70	1	-14,21013343	-42,75189704
VS	250	1	-14,22384331	-42,77402188
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VS	250	2	-14,23303243	-42,77578637
VS	250	1	-14,19166336	-42,75886911
VS	250	1	-14,19502671	-42,75829183
VS	250	1	-14,22125552	-42,78845294
VS	70	1	-14,2344461	-42,75261278
VS	70	1	-14,22160147	-42,77669278
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VS	250	1	-14,20451571	-42,7832158
VS	70	1	-14,22811779	-42,76623233
VS	250	1	-14,22996499	-42,77932577
VS	70	1	-14,11469336	-42,78839607
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VS	400	2	-14,21146988	-42,80067257
VS	250	2	-14,20512854	-42,78221571
VS	70	1	-14,29209839	-43,03776478
VS	70	1	-14,18060388	-42,8501221
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VS	250	1	-14,24050229	-42,77043684
VS	250	1	-14,23265512	-42,77211376
VS	250	1	-14,20194436	-42,78273304
VS	250	1	-14,21305433	-42,78349963
VS	250	2	-14,23484311	-42,7722426
VS	250	1	-14,223241	-42,77574373
PL	30	1	-14,13961022	-42,7990158
VS	70	1	-14,20126886	-42,80105231
VS	250	2	-14,22748666	-42,75718416
VS	250	1	-14,22716931	-42,78268991
VS	70	1	-14,24176792	-42,76663516
VM	125	1	-14,32146101	-43,03247123

VS	70	1	-14,20927727	-42,77675068
VS	70	1	-14,27674062	-42,91233652
VS	150	1	-14,19855916	-42,78645419
VS	150	1	-14,19914821	-42,78664147
VS	150	1	-14,19925047	-42,78617179
VS	250	1	-14,26649614	-42,70991556
VS	250	1	-14,24573786	-42,76094333
VS	250	1	-14,21643487	-42,7889738
VS	70	1	-14,2349977	-42,78146629
VS	70	1	-14,0722416	-42,82263684
VS	250	1	-14,2158506	-42,746546
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VS	70	1	-14,24329427	-42,76735866
VS	250	1	-14,22027244	-42,78772662
VS	250	1	-14,23659937	-42,76310948
VS	250	1	-14,20152968	-42,78128265
VS	250	1	-14,22406336	-42,77863825
VS	250	1	-14,2148596	-42,7868738
VS	250	1	-14,22392199	-42,7831607
VS	70	1	-14,22354362	-42,75900599
VS	400	2	-14,20911746	-42,76773468
VS	70	1	-14,1941198	-42,78449002
VS	70	1	-14,22367801	-42,75791167
VS	70	1	-14,19843889	-42,79913703
VS	70	1	-14,23270335	-42,75010742
VS	250	1	-14,23270335	-42,75010742
VS	250	1	-14,23324273	-42,74844175
VS	70	1	-14,11082516	-42,7809696
VM	80	1	-14,31419517	-43,04071532
VS	70	1	-14,2250807	-42,79817522
VS	70	1	-14,2023655	-42,79614351
VS	250	1	-14,31976151	-42,97962192
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VS	250	1	-14,22471939	-42,77708341
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VS	250	1	-14,21880081	-42,78434795
VS	250	1	-14,21442874	-42,79684457
VS	70	1	-14,20647253	-42,77544042
VS	250	1	-14,2288619	-42,78211182
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VS	250	1	-14,2385619	-42,77185675
VS	70	1	-14,23901174	-42,89383576
VS	70	1	-14,22743233	-42,76039533
VS	70	1	-14,20938761	-42,78918129
VS	70	1	-14,20240025	-42,75761358
VS	250	1	-14,23931088	-42,76336883
VS	250	1	-14,21601794	-42,76427315
MT	500	1	-14,08104185	-42,82962432
VS	150	1	-14,20096325	-42,7825825

VS	70	1	-14,06074392	-42,86873625
VS	250	1	-14,20812373	-42,78979155
VS	250	1	-14,23671448	-42,7778566
VM	125	1	-14,26177903	-42,94942199
VS	70	1	-14,22880634	-42,75001663
VS	400	2	-14,20745087	-42,76303036
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VS	250	1	-14,19239262	-42,75775772
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VS	250	1	-14,22520897	-42,79035598
VS	250	1	-14,22665956	-42,62309274
VS	250	1	-14,2289731	-42,75602127
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VS	250	1	-14,22820096	-42,76001344
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VS	250	1	-14,23378722	-42,76603824
VS	70	1	-14,25762993	-42,83033003
VS	70	1	-14,25531776	-42,83475981
VS	400	1	-14,22706559	-42,77290208
VS	250	1	-14,22420504	-42,76968998
VM	400	1	-14,22776247	-42,76143005
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VS	250	1	-14,32091086	-42,98152762
VS	250	1	-14,20891439	-42,76621409
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VS	70	1	-14,29745302	-42,95263747
VS	70	1	-14,08826514	-42,89793467
VS	70	1	-14,22430216	-42,76816872
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VS	250	1	-14,22063632	-42,77877483
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VS	250	1	-14,2141047	-42,79118901
VS	250	1	-14,2090317	-42,79124657
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VS	250	1	-14,23633027	-42,7764557
VS	70	1	-14,20085744	-42,76321552
VS	250	1	-14,22206919	-42,78296897
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VS	250	1	-14,20336378	-42,78177789
VS	250	1	-14,22767016	-42,75918677
VM	400	1	-14,22929175	-42,77505994
VS	70	1	-14,2303856	-42,77510074
VS	250	1	-14,21379984	-42,76625553
VS	250	1	-14,32359649	-42,97920274
VS	250	1	-14,22554269	-42,89541965
VM	250	1	-14,29178445	-42,79433896
VS	70	1	-14,2869087	-42,78887312
LED	100	1	-14,2869087	-42,78887312

VM	125	1	-14,28683302	-42,7912957
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VS	250	1	-14,22219352	-42,79491966
VS	150	1	-14,1996823	-42,78175239
VS	70	1	-14,23556812	-42,76328212
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VS	250	1	-14,22571097	-42,76793852
VS	250	1	-14,22479897	-42,78591642
VS	70	1	-14,20119209	-42,76303398
VS	250	1	-14,20119209	-42,76303398
VS	250	1	-14,21658322	-42,78235696
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VS	250	1	-14,21682578	-42,79650077
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VS	250	1	-14,32020164	-42,98250735
VS	250	1	-14,21777114	-42,78406525
VS	250	1	-14,22241403	-42,79050912
VS	70	1	-14,23633296	-42,76159776
VS	250	1	-14,19951945	-42,75747066
VS	250	1	-14,21624247	-42,78924951
VS	250	1	-14,24829424	-42,85325261
VS	70	1	-14,23274209	-42,74533202
VS	70	1	-14,23274209	-42,74533202
VS	70	1	-14,32152936	-42,98062166
PL	45	1	-14,2014164	-42,90189904
VM	125	1	-14,21405084	-42,79629645
VS	70	1	-14,24963096	-43,01390473
VS	250	1	-14,26554749	-42,82260266
VS	70	1	-14,22609279	-42,77734761
VS	70	2	-14,2970137	-42,77696476
VS	70	1	-14,28871675	-42,77511624
VS	250	1	-14,24016215	-42,75808335
VS	70	1	-14,34037435	-42,92782139
VS	250	1	-14,20214354	-42,75984248
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VS	250	1	-14,21928326	-42,76663821
VS	250	2	-14,22339816	-42,7626906
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VS	250	1	-14,21764948	-42,8016196
VS	70	1	-14,21300214	-42,74863566
VS	150	1	-14,19931604	-42,78387956
VS	150	1	-14,19849805	-42,78356036
VS	150	1	-14,19918214	-42,78437508
VS	70	1	-14,19861967	-42,7841348

VS	150	1	-14,19835318	-42,78403778
VS	150	1	-14,19878166	-42,78480306
VS	400	1	-14,2424211	-42,86674213
VS	250	1	-14,21096844	-42,77158325
VS	400	1	-14,21427227	-42,78676982
VS	250	1	-14,31963673	-42,97828829
VS	250	1	-14,21213317	-42,78290702
VS	250	1	-14,22776921	-42,79480445
VS	70	1	-14,23337253	-42,76283913
VS	250	1	-14,23999341	-42,75914446
VS	250	1	-14,24008572	-42,76421491
VS	250	1	-14,22366805	-42,78340081
LED	50	4	-14,07511774	-42,82233218
VS	250	1	-14,08603754	-42,82025922
VS	250	1	-14,24460884	-42,87106507
VS	100	1	-14,21239912	-42,79699744
VS	70	1	-14,24088242	-42,75821125
VS	250	1	-14,21392027	-42,7671299
VS	250	1	-14,2263055	-42,78142644
VS	250	1	-14,26222876	-42,71524155
VS	250	1	-14,22081518	-42,77381696
VS	250	1	-14,22798449	-42,78499129
VS	70	1	-14,30944551	-43,01215666
VS	70	1	-14,32075716	-42,97933881
VS	250	1	-14,32075716	-42,97933881
VM	125	1	-14,2543478	-42,88565152
VM	80	1	-14,33546895	-42,93609085
VS	70	1	-14,31894577	-42,98668345
VS	70	1	-14,33264013	-42,94999891
VS	250	1	-14,22510377	-42,77006857
VS	250	1	-14,22387346	-42,78692347
VS	70	1	-14,29992109	-43,05079202
VS	250	1	-14,20736428	-42,78526298
VM	125	1	-14,12561367	-42,75814741
VS	250	1	-14,21713105	-42,77516685
VS	250	1	-14,21446231	-42,77565824
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VS	250	1	-14,21915897	-42,76550467
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VS	70	1	-14,24778321	-42,95536971
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VS	250	1	-14,21906731	-42,79670324
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VS	250	1	-14,21933907	-42,76896471
VS	250	1	-14,21334203	-42,78371748
VS	250	1	-14,20506012	-42,79080731
VS	70	1	-14,1937087	-42,78525972
VS	250	1	-14,22074376	-42,7873668
VS	70	1	-14,22587779	-42,75840484
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VS	70	1	-14,19499775	-42,78339831
VS	400	2	-14,21773231	-42,78209214
VS	250	1	-14,22561397	-42,78552069
VS	400	2	-14,21119137	-42,79703715
VM	125	1	-14,32395391	-42,98241238
VS	70	1	-14,23820663	-42,7805126
VS	250	1	-14,23820663	-42,7805126
VS	250	1	-14,22495111	-42,77811299
VS	400	2	-14,20524384	-42,76050219
VS	70	1	-14,31834421	-43,03098552

VS	400	2	-14,20246035	-42,75727709
VS	70	1	-14,21229559	-42,79857187
VM	125	1	-14,31431745	-43,01873335
VS	250	1	-14,23583203	-42,76274542
VS	150	1	-14,21637933	-42,76950542
VS	250	1	-14,22372633	-42,77663515
VS	250	1	-14,2163834	-42,78263432
VS	250	1	-14,20557254	-42,78467314
VS	250	1	-14,21921255	-42,7828572
VS	250	1	-14,21703665	-42,80103356
VS	250	1	-14,22652684	-42,7883507
VS	250	2	-14,21740343	-42,78312903
VS	250	1	-14,21480066	-42,80187835
VM	125	1	-14,23671064	-42,76223858
VS	250	1	-14,20444796	-42,78154083
VS	250	1	-14,22314424	-42,75296394
VS	250	1	-14,21671496	-42,80259566
VS	250	1	-14,18410569	-42,84366521
VM	125	1	-14,3224958	-42,9764535
VS	250	1	-14,22471189	-42,77583105
VS	250	1	-14,23973782	-42,76556701
VS	250	1	-14,19375007	-42,78491392
VS	250	1	-14,22114008	-42,79870314
VS	400	1	-14,22114008	-42,79870314
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VS	250	1	-14,21280938	-42,79358609
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VS	400	1	-14,2106166	-42,78769325
VS	250	1	-14,22214004	-42,77510974
VS	250	1	-14,20631512	-42,76195151
VS	400	1	-14,20631512	-42,76195151
VS	400	2	-14,2099211	-42,77922014
VS	250	1	-14,06338953	-42,91795938
VS	250	1	-14,21533851	-42,79785796
VS	250	1	-14,21451907	-42,7635442
VS	250	1	-14,22787689	-42,77152031
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VS	70	1	-14,1989483	-42,8001545
VS	250	1	-14,22166872	-42,79471967
VS	70	1	-14,33562236	-42,93386608
VS	250	1	-14,2208539	-42,77302929
VS	250	1	-14,22541939	-42,62137483
VS	400	1	-14,19673168	-42,61408949
VS	150	1	-14,19673168	-42,61408949
VS	250	1	-14,22093957	-42,78556018
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VS	250	1	-14,21940683	-42,79520299
VS	250	1	-14,24357365	-42,75916568
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VS	250	1	-14,3252547	-42,98590049
VS	250	1	-14,23287698	-42,7747939
VS	400	1	-14,21425306	-42,80388866
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VS	250	1	-14,22354207	-42,79628355
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VS	70	1	-14,25480827	-42,60912628
VS	70	1	-14,22799219	-42,76592605
VS	70	1	-14,34011036	-42,92828394
VS	250	1	-14,24227008	-42,7596804

VS	250	1	-14,24176129	-42,75762096
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VS	250	1	-14,22142018	-42,77405072
VS	400	1	-14,20139719	-42,756595
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VS	400	1	-14,19838795	-42,75686953
VS	70	1	-14,31772341	-42,98381985
VS	250	1	-14,22582717	-42,7866707
VS	70	1	-14,23338769	-42,74603773
VS	70	1	-14,23305712	-42,74508855
VS	70	1	-14,11518137	-42,78854402
VS	70	1	-14,11123596	-42,78150839
VS	250	1	-14,22902183	-42,75422184
VS	70	1	-14,27148185	-42,82989891
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VS	70	1	-14,3141691	-42,90331077
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VS	70	1	-14,23271854	-42,74904231
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VS	250	1	-14,23301693	-42,7502397
VS	250	1	-14,23402772	-42,74964121
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VS	250	2	-14,23563795	-42,76968711
VS	250	1	-14,22432753	-42,77246644
VM	80	1	-14,23833285	-42,76668383
VS	250	1	-14,32379264	-42,97767372
VS	250	2	-14,2273201	-42,76825268
VS	250	1	-14,20794429	-42,76086207
VS	250	1	-14,2029977	-42,78133726
VS	250	1	-14,22293246	-42,77609488
VS	70	1	-14,21633237	-42,79262503
VS	250	1	-14,22514175	-42,79072555
ME	250	1	-14,21238667	-42,76349943
ME	250	1	-14,21264995	-42,76333034
VM	80	1	-14,29531683	-43,04522687
VS	250	2	-14,20865152	-42,79410896
VM	125	1	-14,17251579	-42,62261308
VS	70	1	-14,23332871	-42,9671911
VS	250	1	-14,21414765	-42,79036636
VS	250	1	-14,22743126	-42,75754545
VM	80	1	-14,21366098	-42,77741641
VS	250	1	-14,21786343	-42,79950492

VS	250	1	-14,19491384	-42,76770986
VS	250	1	-14,19411498	-42,76984148
VS	70	1	-14,21905422	-42,77318074
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VS	70	1	-14,20787702	-42,77593203
VS	250	1	-14,24202703	-42,76762272
VS	250	1	-14,32147437	-42,97968571
VS	250	1	-14,19786592	-42,75449268
VM	125	1	-14,20021692	-42,79908135
VS	250	1	-14,21996271	-42,79660442
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VS	250	1	-14,20576845	-42,78536425
VS	250	1	-14,17476916	-42,73372564
VS	250	1	-14,17647908	-42,73187913
VS	250	1	-14,19791845	-42,79554184
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VS	70	1	-14,20928417	-42,76367597
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VS	70	1	-14,1942625	-42,80089797
VS	250	1	-14,21098055	-42,79789831
VS	250	1	-14,22568815	-42,77109007
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VS	250	1	-14,20824713	-42,75811622
VM	125	1	-14,33985105	-42,92523215
VS	70	1	-14,22187638	-42,79659572
VS	250	1	-14,22187638	-42,79659572
VS	70	1	-14,22293262	-42,79571171
VS	250	1	-14,21466895	-42,77961441
VS	70	1	-14,31696439	-42,98921524
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VS	70	1	-14,23182159	-42,78440309
ME	250	1	-14,21333768	-42,75962464
ME	250	1	-14,21322589	-42,76295636
VS	70	1	-14,19812058	-42,76128961
VS	70	1	-14,20471493	-42,60310826
VS	250	1	-14,22595489	-42,61866438
VS	250	1	-14,22816747	-42,75632445
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VS	250	1	-14,23891231	-42,76360849
VS	70	1	-14,22656359	-42,75460446
VS	250	1	-14,21749748	-42,77925531
VS	70	1	-14,19488112	-42,76998335
VS	70	1	-14,19360026	-42,77205579

VS	250	1	-14,22751701	-42,77865933
MT	160	1	-14,25992539	-43,00468729
VS	250	1	-14,19756572	-42,75915767
VS	250	1	-14,19375709	-42,75651147
VS	250	1	-14,21568236	-42,77378043
VS	250	2	-14,23080293	-42,78020916
VS	150	1	-14,21980427	-42,77049552
VS	400	2	-14,21727841	-42,78265593
VS	250	1	-14,21791015	-42,7662814
VS	250	1	-14,2266153	-42,77792404
VS	250	1	-14,21868494	-42,76713668
VS	70	1	-14,20433463	-42,79095188
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VS	70	2	-14,2210827	-42,78975221
VS	70	1	-14,25852014	-42,98316811
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VS	250	1	-14,2161297	-42,78522765
VS	70	1	-14,22922603	-42,7536057
VS	250	2	-14,03017605	-42,91681274
VS	250	1	-14,3203536	-42,9807371
VS	250	1	-14,20462048	-42,78275149
VM	125	1	-14,33599902	-42,91841956
VS	250	1	-14,22134987	-42,76515261
VS	250	1	-14,22595417	-42,75155145
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VS	70	1	-14,25483135	-42,95617329
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VS	250	1	-14,21130819	-42,78359001
VS	250	1	-14,32289266	-42,97887518
VS	400	2	-14,20613432	-42,76151978
MT	160	1	-14,25330383	-42,78391433
VS	70	1	-14,26734956	-42,87659613
VS	250	1	-14,23245832	-42,7827081
VS	250	1	-14,2150165	-42,76642923
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VM	400	1	-14,12969676	-42,79155112
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VS	250	1	-14,23286293	-42,74978966
VS	250	1	-14,23389961	-42,75090431
VS	250	1	-14,20408172	-42,78426719
VS	250	1	-14,2240313	-42,61710231
VS	250	1	-14,21382619	-42,79569288
VS	70	1	-14,23970488	-42,76737436
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VS	70	1	-14,21897394	-42,78942746
VS	70	1	-14,24202513	-42,75710277
VS	250	1	-14,20757229	-42,78140854
VM	400	1	-14,22531331	-42,76918405
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VS	70	1	-14,2448135	-42,75887061
VM	125	1	-14,32096349	-43,00784115
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VS	70	1	-14,24632883	-42,76121347
VS	250	1	-14,22580281	-42,78857443
VS	70	1	-14,10017461	-42,79917522
VM	80	1	-14,22423347	-42,77909687
VM	125	1	-14,11650158	-42,75900837
VS	250	1	-14,21086937	-42,76166238
VS	250	1	-14,22719188	-42,61773707

VM	400	1	-14,20819762	-42,79466343
VS	250	1	-14,21530329	-42,79213952
VS	400	1	-14,20821563	-42,76420065
VS	250	1	-14,19477207	-42,76934355
VS	250	1	-14,2146545	-42,78049676
VS	250	1	-14,22295302	-42,78363932
VS	250	1	-14,19800444	-42,7556927
VS	250	1	-14,19529691	-42,75585054
VS	250	2	-14,21856405	-42,80127684
VS	250	1	-14,17504224	-42,73336021
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VS	70	1	-14,20775285	-42,7762202
VS	70	1	-14,30597043	-42,96065824
VS	70	1	-14,19355759	-42,76989688
VM	125	1	-14,23921759	-42,76708537
VS	250	1	-14,20688757	-42,78508683
VS	250	1	-14,22124544	-42,78876803
VS	250	1	-14,20347318	-42,78246952
VS	400	2	-14,21139915	-42,7997904
VM	125	1	-14,21993654	-42,79087663
VS	250	1	-14,22746747	-42,77164293
VS	70	1	-14,22430961	-42,75260429
VS	250	1	-14,22414918	-42,77298681
VS	400	2	-14,20998266	-42,77974861
VS	250	1	-14,21591258	-42,77452321
VS	250	1	-14,23646226	-42,77133141
VS	250	1	-14,2292891	-42,76249771
VS	250	1	-14,21598301	-42,79978795
VS	250	1	-14,22914085	-42,77419745
VS	250	1	-14,22963015	-42,77386545
VS	250	1	-14,23009987	-42,77399681
VM	125	1	-14,25490576	-42,60634559
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VS	70	1	-14,2870457	-42,78594058
VS	250	1	-14,22549402	-42,78913086
VS	250	2	-14,21013289	-42,76069051
VS	400	2	-14,21994197	-42,78098754
VS	250	1	-14,21624996	-42,79293986
VS	250	1	-14,2136356	-42,79880659
VS	70	1	-14,23212643	-42,94683291
VS	250	1	-14,22783877	-42,78256245
VS	250	1	-14,2376577	-42,76695118
VS	250	1	-14,23642548	-42,76658471
VS	250	1	-14,20777997	-42,75905562
VS	250	1	-14,22435651	-42,78574806
VS	250	1	-14,22954003	-42,77933358
VS	250	1	-14,21602922	-42,78311504
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VS	70	1	-14,22727656	-42,74944362
VS	70	1	-14,22786568	-42,74947373
VS	70	1	-14,22842711	-42,74887915
VS	70	1	-14,22848618	-42,74858053
VS	70	1	-14,22816996	-42,74891195
VS	70	1	-14,20502306	-42,79135193
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VS	400	1	-14,21080465	-42,79139072
VS	250	1	-14,23409152	-42,75025372
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VS	250	1	-14,217281	-42,80507675
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VS	400	1	-14,19983782	-42,75783119
VS	250	1	-14,22905466	-42,77846068
VS	70	1	-14,23727325	-42,77004486
VS	250	1	-14,20482939	-42,75822701
VM	125	1	-14,34087661	-42,91487867
VM	125	1	-14,22353955	-42,75595688
VS	250	1	-14,22652144	-42,77898032
VS	250	5	-14,16267747	-42,81694563
VS	250	1	-14,21428394	-42,78597282
VS	70	1	-14,19432484	-42,7725254
VS	250	1	-14,19378892	-42,77116855
VS	70	1	-14,30913016	-43,01190493
VS	250	1	-14,21923514	-42,76754633
VS	250	1	-14,22980426	-42,78147552
VS	250	2	-14,19534688	-42,73194554
VS	70	1	-14,24283881	-42,75514237
VS	250	1	-14,22262836	-42,92660477
VM	80	1	-14,21888172	-42,77340259
VS	250	1	-14,21707955	-42,79049099
VS	250	1	-14,22002816	-42,77395331
VS	250	1	-14,21358384	-42,76772192
MT	250	1	-14,22237579	-42,783211
VS	250	1	-14,22237579	-42,783211
VS	250	1	-14,2081554	-42,79103964
VS	250	1	-14,2228151	-42,79225461
VS	250	2	-14,22409791	-42,78190082
VS	70	1	-14,19831212	-42,78291167
VS	250	1	-14,04241216	-42,9163427
VS	70	1	-14,34067243	-42,97964765
VS	250	1	-14,21471255	-42,78485288
VS	250	1	-14,32516839	-42,98386408
VS	250	1	-14,21874523	-42,77923177
VS	70	1	-14,21569635	-42,79155599
VS	250	1	-14,32585052	-42,97849855
VS	250	1	-14,19804412	-42,78264199
VS	70	1	-14,19703137	-42,78251916
VS	100	1	-14,19605325	-42,78391394
VS	250	1	-14,22989253	-42,77695388
VS	250	1	-14,32241864	-42,9798018
VS	70	1	-14,03135695	-42,92103713
VS	70	1	-14,23227961	-42,78544766
VS	250	1	-14,32063512	-42,98565617
VS	250	1	-14,22134225	-42,7785548
VS	250	1	-14,22529057	-42,77317244
VS	250	1	-14,21745689	-42,7806083
VS	250	1	-14,21291419	-42,79281704
VS	250	1	-14,21823675	-42,7854148
VS	70	1	-14,22204278	-42,79863781
VS	250	1	-14,23605407	-42,77745198
VM	125	1	-14,24400972	-42,96384292
VS	250	1	-14,2271186	-42,61810762
VS	400	4	-14,22694935	-42,76427424
VS	400	1	-14,22694935	-42,76427424
VS	250	1	-14,22507168	-42,79113469
VS	250	1	-14,2289749	-42,75284929
VS	250	1	-14,24456088	-42,76020648
VS	400	2	-14,21666748	-42,78354226
VS	250	1	-14,21149406	-42,78480473
VS	250	1	-14,24446566	-42,75728701
VS	250	1	-14,20219421	-42,76136316

VS	250	1	-14,23969853	-42,77158421
VS	70	1	-14,2133352	-42,796711
VS	70	1	-14,22762277	-42,77013993
VS	70	2	-14,08109135	-42,82855867
VS	250	1	-14,20749998	-42,76180719
VS	250	1	-14,21941766	-42,79025238
VS	250	1	-14,22641784	-42,77190816
VS	70	1	-14,22934703	-42,75290799
VS	70	1	-14,28301966	-42,94162172
VS	250	1	-14,23715396	-42,77338124
VS	250	1	-14,222922	-42,78088385
VS	250	1	-14,20986286	-42,77262871
VS	250	1	-14,21942452	-42,78598258
VS	70	1	-14,23417235	-42,76435262
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VS	250	1	-14,32993394	-42,9470385
VS	250	1	-14,2224425	-42,77663077
VS	250	1	-14,20186419	-42,75709903
VS	250	1	-14,21662399	-42,78094837
VS	250	1	-14,22287959	-42,77405725
LED	10	2	-14,22303697	-42,77695756
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VM	125	1	-14,04999821	-42,8968968
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VS	250	1	-14,21350762	-42,77173467
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VS	70	1	-14,2933697	-43,05011273
VS	250	1	-14,22399042	-42,78923158
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VS	250	1	-14,19336381	-42,75819196
VS	250	1	-14,22602412	-42,75836186
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VS	250	1	-14,22902935	-42,61693568
VS	400	2	-14,21109949	-42,791334
VM	125	1	-14,26166498	-42,95308295
VS	250	1	-14,24304781	-42,76245446
VS	250	2	-14,22100817	-42,7948842
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VS	70	1	-14,24548264	-42,76159132
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VS	70	1	-14,22786525	-42,77949802
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VS	250	1	-14,22594796	-42,61626925
VS	70	1	-14,22026818	-42,79953282
VS	400	1	-14,22026818	-42,79953282
VS	250	1	-14,22674091	-42,78374504
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VS	250	1	-14,21150758	-42,7806806
VS	250	1	-14,243887	-42,75729435
VS	250	1	-14,23158594	-42,77003405
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VS	250	1	-14,22563588	-42,75634385
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VS	400	1	-14,19838402	-42,75636825
VS	250	1	-14,23177128	-42,78047135
VS	70	1	-14,22689784	-42,75468898
VS	70	2	-14,31828518	-43,02758027
VS	250	1	-14,21576265	-42,7953849
VS	70	1	-14,22338911	-42,7549276
VS	250	1	-14,24267122	-42,75681323
VS	250	1	-14,20226285	-42,78486564
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VS	250	1	-14,19585892	-42,76953478
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VS	250	1	-14,22989917	-42,61681801
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VS	250	1	-14,24268676	-42,76226787
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VS	250	1	-14,20106437	-42,78488533
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VS	70	1	-14,23525556	-42,76489385
VS	70	1	-14,20196908	-42,78621767

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VS	250	2	-14,2078014	-42,79510931
VM	125	1	-14,2078014	-42,79510931
VS	250	1	-14,22187761	-42,7666424
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VS	250	1	-14,3277393	-42,97867362
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VS	70	1	-14,2463368	-42,76307726
VS	70	1	-14,2430339	-42,76114747
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VS	250	2	-14,22065412	-42,78162949
VS	150	1	-14,2191179	-42,7702615
VS	250	1	-14,2037569	-42,78417562
VS	250	1	-14,19355637	-42,75762638
VS	400	1	-14,21083481	-42,79063763
VS	400	1	-14,21276772	-42,77685729
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VS	70	1	-14,26154862	-42,95730933
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VS	250	1	-14,23824518	-42,76863927
VS	250	1	-14,21984966	-42,78432376
VS	400	1	-14,2242982	-42,79516446
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VS	70	1	-14,24832102	-42,60737547
VS	250	1	-14,24683429	-42,87912876
VS	70	1	-14,20466778	-42,79155672
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VS	400	2	-14,20431605	-42,75941479
VS	70	1	-14,26182807	-42,95072919
VS	250	1	-14,23014269	-42,76602161
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VS	70	1	-14,22517946	-42,99449686
VS	70	1	-14,31823323	-42,98433868
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VS	250	1	-14,21649743	-42,79592353
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VS	250	1	-14,22978909	-42,78058569
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VS	400	2	-14,21064392	-42,78938758
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VS	100	1	-14,2224749	-42,76657768
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VS	150	2	-14,19964743	-42,78257521
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VS	250	1	-14,23247036	-42,74961718
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VS	250	1	-14,20136321	-42,90879357
VM	125	1	-14,18123838	-42,77523025
VS	250	1	-14,20074121	-42,78475902
VS	250	2	-14,24086988	-42,76169211
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VM	125	1	-14,2139595	-42,79113392
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VS	70	1	-14,32253534	-42,98439967
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VS	250	1	-14,22756361	-42,77823314
VS	250	1	-14,20309712	-42,75890102
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VS	250	1	-14,22320481	-42,79226894
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VS	250	1	-14,22712316	-42,78226035

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VS	70	1	-14,2084204	-42,76671455
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VS	250	1	-14,1950585	-42,77071513
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VS	250	1	-14,24028285	-42,76940621
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VS	250	1	-14,22676996	-42,77884752
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VS	70	1	-14,23125509	-42,78222162
VS	70	1	-14,23108639	-42,7828247
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VS	70	1	-14,22833361	-42,79733467
VS	70	1	-14,22746962	-42,79982902
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VS	70	1	-14,24290964	-42,95096386
VS	250	1	-14,22426889	-42,77451761
VS	250	1	-14,20653143	-42,76216539

VS	400	1	-14,20653143	-42,76216539
VS	250	1	-14,20871376	-42,78592257
VS	70	1	-14,20836251	-42,78594981
VS	70	1	-14,21944544	-42,75042335
VS	70	1	-14,2435183	-42,76798045
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VS	250	1	-14,23835022	-42,76690634
VS	250	1	-14,22376985	-42,7826875
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VS	250	1	-14,32536053	-42,98643242
VS	250	1	-14,22222527	-42,78774265
VS	250	1	-14,23019466	-42,78097636
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VS	250	1	-14,21218602	-42,77780063
VS	250	1	-14,21383231	-42,79404359
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VM	125	1	-14,325861	-42,88734915
VS	400	1	-14,2092942	-42,76900496
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VM	125	1	-14,07467026	-42,88984229
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VS	250	1	-14,20289263	-42,76321028
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VS	250	1	-14,2351308	-42,76669417
VS	250	1	-14,20193097	-42,76347925
VS	250	1	-14,22123805	-42,78000956
VS	250	1	-14,20231816	-42,78454147
VS	250	2	-14,231453	-42,77981849
VS	70	1	-14,1977884	-42,7830372
VS	250	1	-14,22552876	-42,77625044
VS	70	1	-14,31040407	-42,97834269
VS	70	1	-14,21860094	-42,7484788
VS	250	1	-14,32241199	-42,97924398
VS	250	1	-14,28696493	-42,82468195
VM	125	1	-14,22534651	-42,75636142
VS	250	1	-14,2200276	-42,77690985
VS	250	1	-14,23619259	-42,7659073
VS	70	1	-14,32497154	-42,98337181
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VS	70	1	-14,31398855	-43,0216431
VM	125	1	-14,22333319	-42,72632525
VS	250	1	-14,201592	-42,78265769
VS	70	1	-14,22445242	-42,75318867
VS	250	1	-14,20294209	-42,78175411
VS	250	1	-14,21551821	-42,79819223
VS	70	1	-14,22336806	-42,78390026
VS	250	1	-14,21955677	-42,77712141
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VS	250	1	-14,21650672	-42,7627983
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VS	70	1	-14,20536797	-42,79282713
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VS	250	1	-14,23379482	-42,77766124
ME	250	1	-14,21357296	-42,76106455
VS	250	1	-14,22692784	-42,78188273
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VS	250	1	-14,22074898	-42,77471575
VS	250	1	-14,22749436	-42,78557352
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VS	250	1	-14,22686226	-42,77147405
VM	80	1	-14,22333962	-42,7842987
VS	70	1	-14,22333962	-42,7842987
VS	250	1	-14,22843956	-42,76690696
VS	250	1	-14,24031862	-42,77109635
VS	70	1	-14,23613098	-42,76256104
VS	70	1	-14,30525203	-42,96169357
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VS	250	2	-14,23494371	-42,77189073

VS	250	1	-14,23320559	-42,78366534
VS	250	1	-14,21366562	-42,77598917
VS	250	1	-14,21419478	-42,78559253
VS	250	1	-14,203072	-42,78349684
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VS	70	1	-14,25092302	-42,98341677
ME	400	1	-14,21432971	-42,76349825
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VS	150	1	-14,19800923	-42,78481699
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VS	250	1	-14,19315637	-42,75800148
VS	250	1	-14,19452313	-42,75877214
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VS	70	1	-14,13434629	-42,75912095
VS	250	1	-14,22917359	-42,77525418
VS	250	3	-14,22291136	-42,77702163
VS	70	1	-14,26181137	-42,95490965
VS	70	1	-14,2275493	-42,74795618
VS	70	1	-14,24537097	-42,76060248
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LED	100	1	-14,28696194	-42,78931228
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VS	250	1	-14,2345397	-42,78212205
VS	250	1	-14,23167138	-42,78281661
VS	250	1	-14,2014874	-42,76285926
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VS	250	1	-14,22844823	-42,78143379
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VS	250	1	-14,21624076	-42,80111417
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VS	250	1	-14,32064803	-42,98387224
VS	250	1	-14,23232635	-42,77949402
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VS	250	1	-14,19792426	-42,75582801
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VS	250	1	-14,20697182	-42,76176891
VM	125	1	-14,30321843	-42,94512434
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VM	125	1	-14,22596564	-42,75499175
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VS	70	1	-14,31752658	-43,03102742
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VS	250	1	-14,21764949	-42,77365439
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VS	250	1	-14,24250902	-42,75712858
VS	250	1	-14,21305049	-42,78439303
VS	250	1	-14,19547558	-42,76750787
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VS	250	1	-14,1976516	-42,75978748
VS	250	1	-14,19182413	-42,75872007
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VS	70	1	-14,22775182	-42,61566713
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VS	70	1	-14,21560161	-42,77562504
VM	80	1	-14,21706903	-42,77477738
VM	250	1	-14,22846563	-42,75923576
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VS	70	1	-14,23051773	-42,76615699
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VS	70	1	-14,33313075	-42,89528083
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VM	80	1	-14,26212935	-42,89586462
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VS	70	1	-14,24191083	-42,7589284
VS	70	1	-14,22877784	-42,76621602

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VS	250	2	-14,21848513	-42,80323814
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VM	125	1	-14,2147781	-42,94660126
VS	250	1	-14,22254011	-42,79368467
VS	70	1	-14,20742596	-42,79561531
MT	160	1	-14,12797512	-42,89259589
VS	250	2	-14,22853531	-42,76755256
VS	70	1	-14,23337255	-42,74532816
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VS	250	1	-14,25269985	-42,70919353
VS	150	1	-14,19895207	-42,78428505
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VS	250	1	-14,21513113	-42,79497491
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VS	250	1	-14,3203228	-42,9838152
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MT	160	1	-14,24526106	-42,65342703
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VS	250	1	-14,31435458	-43,02061562
VS	250	1	-14,21606235	-42,78952859
VS	150	1	-14,19792462	-42,78431544
VS	150	1	-14,19863686	-42,78528733
VS	250	1	-14,23894198	-42,77403615
VM	125	1	-14,21078523	-42,78315263
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VS	70	1	-14,22035554	-42,74724698
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VS	250	1	-14,23170368	-42,75405963
VS	70	1	-14,23316088	-42,75299123
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VS	150	1	-14,19898246	-42,78609765
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VS	400	1	-14,22612301	-42,79041875
VS	400	1	-14,22234507	-42,79738136
VS	400	1	-14,22176059	-42,79791363
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VS	250	1	-14,21284302	-42,80060177
VS	250	1	-14,22060159	-42,77276893
VS	250	1	-14,21536487	-42,77055466
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VS	70	1	-14,2256081	-42,78455676
LED	0	4	-14,22562368	-42,77980214
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VS	250	1	-14,22468742	-42,77970745
VS	250	1	-14,22523054	-42,77837346
VS	400	2	-14,21036265	-42,78519008
VS	70	1	-14,31462986	-42,91050747
VS	250	1	-14,2263377	-42,78897835
VS	250	1	-14,22155509	-42,78258721
VS	250	1	-14,22953473	-42,75568019
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VS	250	1	-14,22589807	-42,77631176
VS	250	1	-14,22469548	-42,78439605
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VS	250	1	-14,226186	-42,62210915
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VS	70	1	-14,24323027	-42,98431512
VS	250	1	-14,21456599	-42,79635385
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VS	250	1	-14,20522229	-42,78177638
VS	250	1	-14,23612263	-42,76118246
VS	70	1	-14,10536175	-42,87334238
VS	70	1	-14,22589875	-42,7873924
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VS	250	1	-14,31872841	-42,98022011
VS	250	1	-14,21773385	-42,7980239
VS	70	1	-14,21837994	-42,79359715
VS	400	1	-14,19952905	-42,76507233
VS	250	1	-14,22132363	-42,78383113
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VS	250	1	-14,21326618	-42,78753558
VS	250	1	-14,21397819	-42,76643556

VS	250	1	-14,22070326	-42,78318671
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VS	70	1	-14,19653122	-42,76773671
VS	70	1	-14,24292976	-42,7921272
VS	250	1	-14,24397076	-42,79351322
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VS	70	1	-14,1958684	-42,78345931
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VS	250	1	-14,22929357	-42,74756762
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VS	250	1	-14,20307694	-42,78474796
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VS	70	1	-14,31923545	-42,98659199

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VS	400	1	-14,07430502	-42,82066366
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VS	250	1	-14,20236303	-42,76331295
VS	250	2	-14,23506435	-42,61325815
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VS	70	1	-14,19673803	-42,78324961
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VS	250	2	-14,23138546	-42,7790155
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VS	250	1	-14,2169737	-42,80461643
VS	70	1	-14,20142402	-42,79839924
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VM	125	1	-14,25921624	-42,90816931
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VS	250	1	-14,28479647	-42,71700057
VM	125	1	-14,2570864	-42,74080561
VS	70	1	-14,30583096	-42,66240985
VS	70	1	-14,28384147	-42,68517057
VS	250	1	-14,28566125	-42,71203408
VS	70	1	-14,25154269	-42,67291641
VS	400	1	-14,28603242	-42,7148907
VS	70	1	-14,28646913	-42,71005095
VS	250	1	-14,28390919	-42,71138888
VS	250	1	-14,16187075	-42,83972833
VM	125	1	-14,28484669	-42,71533196
VS	70	1	-14,2805245	-42,70029972
VS	250	1	-14,2443933	-42,76972026
VS	70	1	-14,06761275	-42,90106813
VS	70	1	-14,31183959	-42,8685142
VM	125	1	-14,17457182	-42,94928134
VS	70	1	-14,05375475	-42,84290893
VS	250	1	-14,23291344	-42,78177353
VS	70	1	-14,28445783	-42,70932319
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VM	125	1	-14,06856065	-42,88679939
VM	125	1	-14,28197773	-42,68245785
VS	70	1	-14,28203038	-42,71079892
VS	150	1	-14,20637047	-42,95105376
VS	70	1	-14,0003185	-42,88429729
VS	70	1	-14,2821518	-42,71252367
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VS	70	1	-14,28528606	-42,70748087
VM	250	1	-14,0654596	-42,91602183
VS	70	1	-14,24423776	-42,76633241
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VS	250	1	-14,04680961	-42,93665993
VS	70	1	-14,08855779	-42,82356573
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VS	250	1	-14,1118593	-42,82022148
VS	70	1	-14,13646051	-42,93795072
VS	70	1	-14,24856233	-42,67703428
VS	70	1	-14,21574362	-42,90260442
VS	70	1	-14,08619317	-42,82234387
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VS	70	1	-14,24468229	-42,76808421
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VS	70	1	-14,24341242	-42,76505698
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VS	70	1	-14,31435718	-42,86238592
VS	250	1	-14,23516132	-42,77726736
VS	250	1	-14,23658571	-42,77575213
VS	70	1	-14,2151972	-42,76694671
VS	70	1	-14,28211855	-42,71155014

VS	250	1	-14,23671355	-42,77455754
VS	250	1	-14,19698468	-42,75883185
VS	70	1	-14,34017024	-42,90812523
VS	70	1	-14,27009056	-42,61692471
VM	125	1	-14,26180391	-42,95677278
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VS	250	1	-14,32740486	-42,97670232
VM	125	1	-14,11862489	-42,67717982
VS	70	1	-14,20553372	-42,79428808
VS	250	1	-14,20086276	-42,75668118
VS	70	1	-14,22079626	-42,78515188
VS	250	1	-14,20134359	-42,78435527
VS	250	1	-14,22235133	-42,77686216
VS	250	1	-14,22868511	-42,76719205
VS	250	1	-14,21951124	-42,78825227
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VS	250	1	-14,22049647	-42,7869321
VS	250	1	-14,21607303	-42,76233873
VS	250	1	-14,21599729	-42,79822172
VS	250	1	-14,23077782	-42,77490243
VS	70	2	-14,2154422	-42,79152952
VS	70	1	-14,23244015	-42,7713212
VS	70	1	-14,22409728	-42,75884231
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VS	70	1	-14,22359215	-42,75750339
VS	70	1	-14,22318887	-42,75842665
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VS	250	1	-14,21094885	-42,78288442
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VS	250	2	-14,23189823	-42,77703377
VS	250	1	-14,22928892	-42,78147375
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VS	70	1	-14,14690943	-42,79313911
VM	125	1	-14,16302768	-42,62020421
VS	250	1	-14,20108195	-42,60980519
VS	250	1	-14,22178048	-42,78278261
VS	70	1	-14,21372474	-42,79648067
ME	400	1	-14,21434995	-42,74538527
ME	400	1	-14,21444282	-42,74512069
VS	250	1	-14,23606467	-42,76581715
VS	250	1	-14,20284306	-42,75918747
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VS	70	1	-14,32120075	-42,97919238
VS	70	1	-14,15620526	-42,87019627
VS	250	1	-14,23664869	-42,76464827
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VS	400	2	-14,2096789	-42,77585512
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VS	250	1	-14,20742721	-42,75787819
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VS	70	1	-14,22886095	-42,9106519
VS	250	1	-14,23814634	-42,76281806

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VM	125	1	-14,19286535	-42,66863528
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VS	250	1	-14,19783797	-42,75969136
ME	250	1	-14,12946963	-42,66603857
VS	400	1	-14,23005837	-42,76724914
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VS	250	1	-14,32248456	-42,98137682
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VS	70	1	-14,2299297	-42,75380777
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VS	70	1	-14,20517511	-42,78585171
VS	250	1	-14,32310903	-42,97902447
VM	125	1	-14,20500425	-42,77596896
VS	150	1	-14,1979499	-42,78452153
VS	70	1	-14,22833644	-42,64230843
VS	250	1	-14,24226788	-42,75752996
VS	250	1	-14,21399676	-42,78532308
VS	250	1	-14,24060326	-42,7578581
VS	70	1	-14,20159897	-42,79885905
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MT	250	1	-14,13077853	-42,80201356
VS	70	1	-14,14042007	-42,79908838
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VS	250	1	-14,23132394	-42,75700673
VM	125	1	-14,217975	-42,78802453
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VS	400	2	-14,21019723	-42,78325255
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VS	250	1	-14,20751769	-42,75979551
VS	250	1	-14,22736544	-42,77756374
VS	250	1	-14,24314029	-42,76344676
VS	250	1	-14,21920558	-42,79590666
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VS	70	1	-14,23037489	-42,74901152

VM	125	1	-14,22465599	-42,78265347
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VS	250	1	-14,1993416	-42,78322704
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VS	250	1	-14,2306571	-42,75468059
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VS	250	1	-14,21448363	-42,80205332
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VS	150	1	-14,21297749	-42,76508779
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VM	80	1	-14,23857414	-42,8168343
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VS	250	1	-14,21971993	-42,79348948
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VS	250	1	-14,22303748	-42,76588779
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VS	250	1	-14,2886172	-42,6938535
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VS	70	1	-14,15377282	-42,95294023
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VS	70	1	-14,13862323	-42,93708378
VS	250	1	-14,24274784	-42,76760708
VS	70	1	-14,2460685	-42,76405065
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VS	70	1	-14,29215322	-42,65196744
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PL	46	1	-14,16927555	-42,93966932
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VS	70	1	-14,28365239	-42,70958026
VS	70	1	-14,24552758	-42,76303043
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VS	250	1	-14,18160067	-42,9482449
VS	250	1	-14,18162105	-42,94766121
VS	250	1	-14,22115974	-42,77004272
VS	250	1	-14,21627424	-42,78283784
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VS	400	2	-14,20915264	-42,76804063
VS	250	1	-14,21271639	-42,78701469
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VS	250	1	-14,2021745	-42,79517996
ME	400	1	-14,1493322	-42,75878229
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VS	250	1	-14,22604814	-42,62032715

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VS	250	1	-14,3238278	-42,98230057
VS	70	1	-14,21193083	-42,79855622
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VS	250	1	-14,22222743	-42,77881734
VS	70	1	-14,22092576	-42,78426258
VM	80	1	-14,21499844	-42,77482595
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VS	250	1	-14,22503668	-42,75229574
VS	250	1	-14,18056532	-42,85117897
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VM	125	1	-14,16742075	-42,61712117
VS	250	1	-14,2273336	-42,61537394
VS	250	1	-14,20366279	-42,78579859
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VS	70	1	-14,2033545	-42,79250161
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VS	70	1	-14,21206871	-42,79628118
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VS	250	1	-14,20156579	-42,78582278
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VS	70	1	-14,19535063	-42,77474001
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VM	125	1	-14,2215508	-42,76542225
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MT	160	1	-14,17517532	-42,80242671
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VM	80	1	-14,22255578	-42,66737356
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VS	250	1	-14,22990136	-42,75895443
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VS	250	1	-14,19549276	-42,76849414
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VS	250	1	-14,21317836	-42,7784713
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VS	400	1	-14,22010672	-42,77406748
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VS	70	1	-14,23273106	-42,74591036
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VS	250	1	-14,31998078	-42,97814263
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VS	250	1	-14,234769	-42,7755791
VS	70	1	-14,22360403	-42,78637571
VS	250	2	-14,22873835	-42,76367269
VS	250	1	-14,2257576	-42,77198007
VS	250	1	-14,23712614	-42,76518747
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VS	250	1	-14,23750903	-42,7726224
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VM	125	1	-14,12038424	-42,68857241
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VS	250	1	-14,23468356	-42,7656427
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ME	400	1	-14,21972487	-42,7670753
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VS	250	1	-14,21815347	-42,78873878
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VS	70	1	-14,2280544	-42,75491526

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VS	250	1	-14,21445947	-42,77997301
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VS	250	1	-14,23853401	-42,76341526
VS	70	1	-14,23420405	-42,74539085
VS	70	1	-14,20519959	-42,79035202
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VS	250	1	-14,22644565	-42,77992924
VS	250	1	-14,22405163	-42,77946309
VS	250	1	-14,23891939	-42,76422026
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VS	70	2	-14,22451094	-42,75469961
VS	250	1	-14,22516014	-42,77170852
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VS	250	1	-14,19738592	-42,75475002
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VS	250	1	-14,2374638	-42,76730729
VM	400	1	-14,22596165	-42,78427066

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VS	70	1	-14,22960846	-42,74932877
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VS	250	1	-14,22681942	-42,61842195
VS	250	1	-14,22668931	-42,61688271
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VS	70	1	-14,20796221	-42,75672762
VS	250	1	-14,2267091	-42,78791572
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VS	70	1	-14,2614441	-42,96529915
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VM	80	1	-14,25076404	-42,97489541
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VS	250	1	-14,2182501	-42,78959178
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VS	70	2	-14,03235297	-42,91847497
VS	250	1	-14,20547664	-42,79530324
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VS	70	1	-14,2231818	-42,75735058
VS	250	1	-14,23838215	-42,75949751
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VS	150	1	-14,19971999	-42,78236583
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VM	125	1	-14,15119454	-42,67312492

VS	70	1	-14,15119454	-42,67312492
VM	125	1	-14,193446	-42,62947069
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VS	250	1	-14,14630493	-42,79196414
VS	250	1	-14,22190928	-42,77634386
VS	70	1	-14,21242471	-42,79650967
VS	70	1	-14,21180196	-42,79678025
VS	70	1	-14,2026525	-42,79289693
ME	400	1	-14,2248928	-42,76391968
VS	250	1	-14,22371497	-42,76813022
VS	250	1	-14,22881305	-42,77321119
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VS	250	1	-14,23813173	-42,77431183
ME	400	1	-14,22470553	-42,76424038
VS	250	1	-14,21825245	-42,80263583
VS	70	1	-14,20742964	-42,77552134
VS	70	1	-14,20807483	-42,78819688
VS	250	1	-14,06927546	-42,85908901
VS	70	1	-14,2830938	-42,71195184
VS	70	1	-14,09618119	-42,81243096
VS	250	1	-14,24323582	-42,76897277
VS	250	1	-14,09029641	-42,76886836
VS	70	1	-14,1108515	-42,87034329
VS	70	1	-14,1117514	-42,86900347
VS	250	1	-14,28165285	-42,69783717
VS	70	1	-14,09189183	-42,88537924
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VS	250	1	-14,04325156	-42,85246493
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VS	70	1	-14,28095461	-42,6985396
VS	250	1	-14,14896878	-42,93205613
MT	160	1	-14,25119641	-42,64854974
VS	250	1	-14,04875217	-42,89156688
VS	250	1	-14,28564117	-42,71270152
MT	160	1	-14,16769153	-42,94245178
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PL	45	1	-14,12497099	-42,94074074
VM	125	1	-14,05304727	-42,89629739
VS	70	1	-14,24763736	-42,67771792
VS	250	1	-14,04637518	-42,93677856
VS	250	1	-14,10863599	-42,81627297
VS	250	1	-14,24443179	-42,76857861
VS	70	1	-14,12404592	-42,8964808

VS	70	1	-14,31612244	-42,85925875
VS	70	1	-14,30388667	-42,71834577
VS	70	1	-14,24004918	-42,89673149
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VS	70	1	-14,04904065	-42,92310168
VS	250	1	-14,22600955	-42,78171367
VS	70	1	-14,09394377	-42,81901832
VS	70	1	-14,24481238	-42,76496464
VS	250	1	-14,28454414	-42,71371787
VS	70	1	-14,11481789	-42,86102046
VM	125	1	-14,26812185	-42,71487132
VS	70	1	-14,06009566	-42,91654245
VS	70	1	-14,2367823	-42,89285381
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VS	70	1	-14,2467027	-42,67767667
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VS	400	1	-14,28426387	-42,71371699
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VM	125	1	-14,28544327	-42,7153802
VS	70	1	-14,11830933	-42,90495333
VS	70	1	-14,05920023	-42,89249628
VS	70	1	-14,27639482	-42,66160993
VS	70	1	-14,10938503	-42,87831361
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PL	45	1	-14,14253634	-42,92780318
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VS	70	1	-14,29714872	-42,66335795
VS	70	1	-14,09171004	-42,8881018
VS	70	1	-14,09653278	-42,81540565
VS	250	1	-14,28443479	-42,71700869
VS	250	1	-14,21233235	-42,78832012
VS	250	1	-14,21448305	-42,77762311
VS	70	1	-14,35092087	-42,96951964
VS	250	1	-14,23209382	-42,78167422
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VS	250	1	-14,13952479	-42,87948566
VS	250	1	-14,20403963	-42,78425351
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VS	70	1	-14,23270554	-42,61223814
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VS	250	1	-14,22077336	-42,79208439
VS	70	1	-14,20818943	-42,76261096
VS	250	1	-14,20370356	-42,79777731
VS	400	2	-14,21148036	-42,80075518
VS	250	1	-14,32152132	-42,98256871
VS	70	1	-14,21885599	-42,78681345
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VS	250	1	-14,21999684	-42,79450067
VM	400	1	-14,32298848	-42,97975642
VS	250	1	-14,22361044	-42,77054547
VS	250	1	-14,22799648	-42,78133956
VS	70	1	-14,15928355	-42,64715547
VS	70	1	-14,20281667	-42,7982511
VS	250	1	-14,2171405	-42,76664027
VS	70	1	-14,13827818	-42,87169951

VS	250	1	-14,13805236	-42,87241629
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VS	250	1	-14,31600839	-42,97900275
VS	250	1	-14,22709942	-42,78470092
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VS	250	1	-14,23535326	-42,76544104
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VS	250	1	-14,20994854	-42,79829321
VS	250	1	-14,23244526	-42,76814151
VS	250	1	-14,23266145	-42,76844403
VS	250	1	-14,25283446	-42,70889213
VS	250	1	-14,21366529	-42,77330148
VS	250	1	-14,211939	-42,78146058
VS	250	1	-14,23910059	-42,76691814
ME	250	1	-14,21567764	-42,75873947
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VS	70	1	-14,31895607	-42,98419867
VS	70	1	-14,3046608	-42,94875763
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VS	70	1	-14,20839352	-42,79284766
VS	400	1	-14,21169596	-42,80348613
VS	70	1	-14,19972487	-42,80044451
VS	70	1	-14,23400402	-42,76327688
VS	250	1	-14,32454869	-42,98505747
VS	70	1	-14,22026972	-42,78305547
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LED	15	1	-14,08795648	-42,89827618
VS	70	1	-14,08795648	-42,89827618
VS	400	1	-14,20543287	-42,76076231
VS	400	1	-14,22216218	-42,79772958
VS	250	1	-14,23186424	-42,77056293
VS	70	1	-14,22888137	-42,76333607
VS	70	1	-14,34117258	-42,92945668
VS	70	1	-14,2150319	-42,80094421
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VS	250	1	-14,31988988	-42,97918671
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VS	250	1	-14,22589665	-42,78478946
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VS	250	1	-14,20463892	-42,78934826
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VM	80	1	-14,20629269	-42,76047788
VS	250	1	-14,31944897	-42,98087226
VS	250	1	-14,22760376	-42,78529584
VM	400	2	-14,21182032	-42,76505611
VS	250	1	-14,22046131	-42,77976592
ME	250	1	-14,19204475	-42,7660036
VS	250	1	-14,22688519	-42,78110403
VS	70	1	-14,2433003	-42,78552807
VS	400	2	-14,21088989	-42,79254123
ME	250	1	-14,21184609	-42,76160327
VS	250	1	-14,2845975	-42,61091621
VS	250	1	-14,24160668	-42,75790779
VS	400	2	-14,21480012	-42,78615727
VS	250	1	-14,22868097	-42,78012829
VS	250	2	-14,32573129	-43,0269871
VS	250	1	-14,32175887	-42,98196707
VS	70	1	-14,21191628	-42,76332334
VS	250	1	-14,17564726	-42,73601541
VS	250	1	-14,17505016	-42,73672524
VS	250	1	-14,17553152	-42,73557868
VS	250	1	-14,20327167	-42,7981818
VS	70	1	-14,21110133	-42,7996318
VS	70	1	-14,22216866	-42,75714692
VS	70	1	-14,22720906	-42,75847508
VS	70	1	-14,14243123	-42,82758066
VS	250	1	-14,21471456	-42,78424121
VS	250	1	-14,20131401	-42,78162787
VS	70	1	-14,24597464	-42,76040651
VS	250	1	-14,20624265	-42,78983749
VS	250	1	-14,21242393	-42,78796826
VS	250	1	-14,22123126	-42,78208561
VS	250	1	-14,23507346	-42,76529179
VS	400	2	-14,21836813	-42,78119531
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VS	250	1	-14,21680538	-42,7668245
VS	70	1	-14,23049301	-42,76187843
VS	70	1	-14,2518885	-42,8938223
VS	250	2	-14,20993139	-42,79801512
VS	70	2	-14,09411671	-42,81867621
VS	250	1	-14,19412467	-42,75926234

VS	250	1	-14,23824667	-42,77377425
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VS	250	1	-14,22594997	-42,61755621
VM	125	1	-14,13936933	-42,63371427
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VS	70	1	-14,23004223	-42,76503779
VS	250	2	-14,22071272	-42,7719537
VS	70	1	-14,22188189	-42,74917682
VS	250	2	-14,22761022	-42,76808877
VS	250	1	-14,20988873	-42,76968351
VS	70	1	-14,22734872	-42,75791591
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VS	250	1	-14,21497856	-42,77538196
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VS	250	1	-14,21204928	-42,78091415
VS	70	1	-14,22604636	-42,78600414
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ME	400	1	-14,23452321	-42,77828984
VS	250	1	-14,22053167	-42,78313051
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VS	150	1	-14,21954459	-42,76971612
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VS	250	1	-14,22553307	-42,89501784
VS	250	1	-14,23631226	-42,86782238
VS	250	1	-14,20035223	-42,7849864
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VM	125	1	-14,21126422	-42,76366407
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VS	250	1	-14,32198322	-42,98586231
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VS	250	1	-14,22072706	-42,76961186
VS	70	1	-14,2231782	-42,755863
VS	250	1	-14,22891718	-42,7762543
VS	250	2	-14,2119948	-42,76461063
VS	70	1	-14,21724682	-42,95158491
VS	250	1	-14,2270772	-42,78320863
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VM	125	1	-14,29679594	-42,95051177
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VS	250	1	-14,19929509	-42,75745555
VS	250	1	-14,22021083	-42,76479557
VS	250	1	-14,23017661	-42,7640427
VS	70	1	-14,30226306	-42,95037848
MT	160	1	-14,17330698	-42,95134238
VS	250	1	-14,2189324	-42,7964896
MT	160	1	-14,19454199	-42,87953656
VS	250	1	-14,20275581	-42,78342161
VS	250	1	-14,21223195	-42,78860708
VS	70	1	-14,05135645	-42,89144727
VS	250	1	-14,22675957	-42,7943186
VS	70	1	-14,22859829	-42,75452167
VS	250	1	-14,30522785	-42,99483941
VS	70	1	-14,34005316	-42,92672589
VS	250	1	-14,32329802	-42,98579377
VM	125	1	-14,31806379	-42,98134838
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VM	125	1	-14,227416	-42,75380092
VS	250	1	-14,21343071	-42,78148423
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VS	250	1	-14,1936074	-42,77451966
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VS	250	1	-14,21516495	-42,79567939
VS	70	1	-14,21787357	-42,78925386
VS	70	1	-14,2373486	-42,7622649
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VS	250	1	-14,23313497	-42,74806314
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VS	70	1	-14,21884645	-42,74731293
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VS	250	1	-14,21794194	-42,78982241
VS	250	1	-14,23657359	-42,77391686
VS	250	1	-14,20772404	-42,77646013
VS	250	1	-14,21380342	-42,78963995
VS	70	1	-14,28708609	-42,92221457
VS	250	1	-14,20267685	-42,78544164
VS	250	1	-14,20420906	-42,7927484
VS	250	1	-14,21571052	-42,77549566
VS	400	1	-14,20697048	-42,76236009
VS	70	1	-14,23062773	-42,75017612
VS	250	1	-14,22097292	-42,78915635
VS	250	2	-14,22055176	-42,78527153
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VM	250	1	-14,18425666	-42,83322575
VS	250	1	-14,21289294	-42,79919323
VS	70	1	-14,23790068	-42,76115031
VS	250	1	-14,3212475	-42,98100986
VS	250	1	-14,22035148	-42,78017335
VS	70	1	-14,19067006	-42,7661101

VS	70	1	-14,11075184	-42,78152508
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VS	250	1	-14,2245221	-42,79136977
VS	70	1	-14,21314139	-42,79759698
VS	250	1	-14,19506916	-42,75796567
VS	70	1	-14,16992157	-42,62060976
VS	250	1	-14,23684202	-42,77477978
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VS	70	1	-14,19110621	-42,91975964
VS	250	1	-14,20584541	-42,75897504
VS	70	1	-14,23394476	-42,95563613
VS	70	1	-13,98891875	-42,89547803
VS	250	1	-14,22049471	-42,77550648
VS	250	1	-14,21582037	-42,78339236
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VS	250	1	-14,23293811	-42,78428181
VS	250	1	-14,21774647	-42,76309995
VS	250	1	-14,2036599	-42,76294428
VS	250	1	-14,23266535	-42,78298687
VS	250	1	-14,12839887	-42,66743442
VS	70	1	-14,22490025	-42,75821019
VS	250	1	-14,21599231	-42,78433587
VM	80	1	-14,24268505	-42,94930726
VM	125	1	-14,33579926	-42,91864129
VS	70	1	-14,12642435	-42,77845356
VS	70	1	-14,03245178	-42,91826386
VS	70	1	-14,23132836	-42,75458318
VS	400	1	-14,20893524	-42,76535226
VS	250	1	-14,21483782	-42,77695703
VS	250	1	-14,24091275	-42,75720103
VS	250	1	-14,23169748	-42,78036979
VS	250	1	-14,22320872	-42,78009972
VS	250	1	-14,21285491	-42,78338217
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VS	250	1	-14,20675273	-42,75893691
VS	250	1	-14,32458988	-42,98384302
VS	400	2	-14,202082	-42,75684026
VS	70	1	-14,24119196	-42,75753565
VS	250	1	-14,23843755	-42,76222582
VS	70	1	-14,25450088	-42,70803275
VS	250	1	-14,21806487	-42,79636608
VS	70	1	-14,2087235	-42,78719302
VS	250	1	-14,23827595	-42,77310699
VS	250	1	-14,21551997	-42,78401228
VS	70	1	-14,31830712	-43,02360322
VS	70	1	-14,19456952	-42,78307916
VS	70	1	-14,19413232	-42,78392542
VS	70	1	-14,19435638	-42,78389097
VS	250	1	-14,22614615	-42,61514439
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VM	125	1	-14,21885524	-42,60640241
VS	250	1	-14,19640982	-42,79904494
VS	250	1	-14,21450243	-42,76602898
VS	250	1	-14,20108935	-42,75909822
VS	250	1	-14,23901013	-42,77170042
VS	250	1	-14,3219044	-42,98175445
ME	400	1	-14,21579259	-42,79181684
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VS	250	1	-14,22312863	-42,78247212
ME	250	1	-14,21719468	-42,76151651
VM	125	1	-14,21847553	-42,78703457
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VS	70	1	-14,21769648	-42,79388272
VS	250	2	-14,21927062	-42,80246091
VM	125	1	-14,20649101	-42,7606639
VS	250	1	-14,341486	-42,99272561
VS	400	2	-14,21132144	-42,79869653
VS	250	1	-14,22795773	-42,77936524
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VS	250	1	-14,22189704	-42,78857565
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VS	250	1	-14,21974266	-42,77277528
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VM	125	1	-14,22771317	-42,78226543
VS	250	1	-14,22771317	-42,78226543
VS	250	1	-14,21627819	-42,76256175
MT	160	1	-14,23918399	-42,88080566
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VM	125	1	-14,31741774	-42,98235619
VS	250	1	-14,23462727	-42,77467955
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VS	250	1	-14,32069944	-42,98237044
VS	400	2	-14,21104511	-42,79480311
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VS	250	1	-14,21788054	-42,80022622
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VS	400	2	-14,21090699	-42,79283786
VS	250	1	-14,32066195	-42,97830922
VS	250	1	-14,20506129	-42,78256867
VS	250	1	-14,23767645	-42,78777757
VM	400	1	-14,20420228	-42,80252687
VS	250	1	-14,21473839	-42,76377793
VS	70	1	-14,23614699	-42,76320992
VM	400	1	-14,21227071	-42,76557662
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VS	70	1	-14,26786307	-42,99697837
VS	250	2	-14,23448709	-42,77329803
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VS	250	1	-14,20849176	-42,76088345
ME	250	1	-14,22828388	-42,77730069
VS	250	1	-14,24423662	-42,76129878
ME	250	1	-14,2129605	-42,76245565

VM	80	1	-14,21516072	-42,79423358
VS	250	1	-14,24249782	-42,75914355
VS	70	1	-14,13339511	-42,76666825
VS	250	1	-14,21902069	-42,8026858
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VS	400	1	-14,20053352	-42,75666729
VS	250	1	-14,2111172	-42,78393226
VS	250	1	-14,26217305	-42,96165008
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VS	250	1	-14,25161455	-42,92708739
VS	250	1	-14,21286285	-42,76981403
VM	125	1	-14,25949694	-42,90860304
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VS	70	1	-14,24079297	-42,76639551
VS	400	1	-14,21083148	-42,79106746
VS	250	1	-14,2161593	-42,76530237
VS	70	1	-14,06687286	-42,82477573
MT	160	1	-14,12695714	-42,89404641
VS	70	1	-14,28200502	-42,69798658
VS	150	1	-14,13127064	-42,9260111
VS	70	1	-14,28511996	-42,71465605
VS	70	1	-14,29273308	-42,65152408
VS	70	1	-14,03848866	-42,86973706
VM	80	1	-14,09271613	-42,77851638
VS	70	1	-14,07932534	-42,81600243
VS	70	1	-14,24489661	-42,76576337
VS	70	1	-14,06229464	-42,88940561
VS	70	1	-14,13914161	-42,93713685
VS	70	1	-14,08141689	-42,78541885
PL	45	1	-14,11754182	-42,91901266
VS	400	1	-14,18492978	-42,9522803
VS	70	1	-14,28782771	-42,69174655
VM	125	1	-14,10327475	-42,88777584
PL	45	1	-14,17114445	-42,96302681
VS	70	1	-14,14159488	-42,8449679
MT	500	1	-14,08124861	-42,82996778
VS	70	1	-14,24597636	-42,76332095
VS	250	1	-14,24472307	-42,76608721
VS	70	1	-14,24417329	-42,7694521
VM	125	1	-14,27700016	-42,66501403
VS	250	1	-14,27700016	-42,66501403
VS	250	1	-14,28348215	-42,71209213
VS	250	1	-14,28609009	-42,70769661
VS	70	1	-14,15671827	-42,90420591
VS	70	1	-14,06985802	-42,79470327
VS	70	1	-14,29764448	-42,66389715
VS	70	1	-14,04495354	-42,93501326
VS	70	1	-14,3157658	-42,86287343
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VS	250	1	-14,06366091	-42,8891145
VS	250	1	-14,28516718	-42,71699247
VS	70	1	-14,03983155	-42,90533142
VM	125	1	-14,28449409	-42,71533085
VS	400	1	-14,29635047	-42,72975252
VS	250	1	-14,29524763	-42,72671113
VS	70	1	-14,28535417	-42,70889953

VS	70	1	-14,24286229	-42,76645819
VS	70	1	-14,04824457	-42,89680665
VS	250	1	-14,28897692	-42,69451285
VS	70	1	-14,28771141	-42,69131972
VS	70	1	-14,28246135	-42,68406317
VS	70	1	-14,28619431	-42,70913394
VS	70	1	-14,28548155	-42,71467573
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VS	70	1	-14,24454984	-42,76881157
VS	70	1	-14,2426484	-42,766646
VS	70	1	-14,30411988	-42,71797444
VS	250	1	-14,24354476	-42,76478194
VS	250	2	-14,22337786	-42,87249492
VS	70	1	-14,25017941	-42,67714449
MT	160	1	-14,16965361	-42,89429855
VS	70	1	-14,18442484	-42,95648512
VS	70	1	-14,28344256	-42,71624534
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VS	70	1	-14,26013203	-42,90927558
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VM	125	1	-14,15431865	-42,70600866
VS	70	1	-14,25376729	-42,63391088
VS	250	1	-14,19751189	-42,65742328
VS	70	1	-14,22328151	-42,72458745
VS	70	1	-14,21158261	-42,74297927
VS	70	1	-14,20591152	-42,65071909
VS	70	1	-14,2231449	-42,72401979
VS	70	1	-14,25266979	-42,63861683
VS	70	1	-14,19260478	-42,66313627
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VS	70	1	-14,25124842	-42,64937488
VS	70	1	-14,28112446	-42,62534823
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MT	160	1	-14,24488974	-42,66022967
VS	70	1	-14,27802408	-42,62352446
VS	70	1	-14,24811771	-42,65357429
VS	70	1	-14,25910491	-42,62927224
MT	250	1	-14,25582261	-42,62938366
VS	70	1	-14,24580044	-42,6378467
MT	160	1	-14,2508987	-42,65822636
VS	70	1	-14,1819856	-42,67933428
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VS	70	1	-14,26010842	-42,62930284
MT	160	1	-14,24048136	-42,65886357
MT	160	1	-14,2470308	-42,64094615
VS	70	1	-14,20516834	-42,67518955
VM	80	1	-14,22793581	-42,65748327
VS	70	1	-14,18235931	-42,68024372
VS	70	1	-14,22386867	-42,72565036
VS	70	1	-14,27202194	-42,62419991
VM	80	1	-14,22686335	-42,66278183
PL	30	1	-14,2411134	-42,65917129
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VS	70	1	-14,26993038	-42,63241342
VM	125	1	-14,24776601	-42,65323957
VS	70	1	-14,25273386	-42,66157803
MT	160	1	-14,24366884	-42,66034663
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VS	250	1	-14,18140357	-42,679189
VS	70	1	-14,27243456	-42,62317434

VS	70	1	-14,25435337	-42,62422558
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VS	70	1	-14,27137234	-42,62969701
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VS	70	1	-14,25067504	-42,62365002
VS	70	2	-14,22435812	-42,73117591
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VS	70	1	-14,21213424	-42,74294399
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VS	70	1	-14,24638109	-42,65711948
VS	70	1	-14,21576094	-42,72267144
VS	70	1	-14,20459544	-42,65258741
VM	80	1	-14,22820629	-42,65234596
VM	125	1	-14,19257142	-42,66538811
VS	70	1	-14,19534056	-42,65793599
VS	70	1	-14,27541433	-42,62233658
IN	60	1	-14,25355936	-42,64067721
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VS	250	1	-14,21782613	-42,80307706
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VS	250	1	-14,22865687	-42,75595534
VS	250	1	-14,28317458	-42,71395784
VS	250	1	-14,28324213	-42,71350175
VM	80	1	-14,23635931	-42,77308194
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ME	250	1	-14,21265632	-42,76266632
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VS	250	1	-14,20319569	-42,76289963
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VM	125	1	-14,22151958	-42,9270491
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VS	250	1	-14,19418334	-42,77467906
VS	250	1	-14,19388309	-42,77358897
VS	70	1	-14,19405762	-42,77273949
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VM	125	1	-14,22514291	-42,79930729
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VS	250	1	-14,22656431	-42,77692288
VS	250	1	-14,22327547	-42,78180531

VS	70	1	-14,20739286	-42,78926623
PL	45	1	-14,20135941	-42,92396381
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VS	250	1	-14,22940016	-42,77614362
VS	250	1	-14,22119354	-42,79059877
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VS	250	1	-14,22285316	-42,77823558
VS	250	1	-14,21188651	-42,78368468
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VS	250	1	-14,32690982	-42,97812298
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VS	250	1	-14,22247006	-42,77371136
VS	250	1	-14,2369901	-42,78116059
VS	250	2	-14,21575474	-42,77301199
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VM	80	1	-14,21427806	-42,7932203
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VS	400	1	-14,23245311	-42,77329548
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VS	70	1	-14,22751624	-42,7646935
VS	400	1	-14,22751624	-42,7646935
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MT	160	1	-14,05479725	-42,91757054
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VS	250	1	-14,20137374	-42,78304617
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VS	250	1	-14,32209198	-42,98666934
ME	250	1	-14,21474827	-42,7617886
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ME	250	1	-14,21449852	-42,76018051
VS	70	1	-14,12591703	-42,67228184
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VS	70	1	-14,22114241	-42,78436528
VS	70	1	-14,23065014	-42,75193029
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VS	250	1	-14,28193129	-42,71370037
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VS	70	1	-14,23177836	-42,74603644
VM	125	1	-14,22282908	-42,76681874
VS	250	1	-14,20882738	-42,75595237
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VS	250	1	-14,26131755	-42,95405479
MT	160	1	-14,21618375	-42,91289334
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VS	250	1	-14,21250606	-42,78773685
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VS	250	1	-14,22457168	-42,78079024
VS	70	1	-14,23333452	-42,730318
VS	250	1	-14,32346579	-42,98020354
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VS	250	1	-14,21548878	-42,76367303
VS	250	1	-14,22082729	-42,79712599
VM	80	1	-14,20679565	-42,79211923
VM	125	1	-14,3273294	-42,88868706
VS	250	1	-14,16608961	-42,6249012
VS	250	1	-14,21315287	-42,78074185
VS	250	1	-14,20396376	-42,76215681
VS	70	1	-14,23153674	-42,77698619
VS	400	2	-14,21027592	-42,78406838
ME	250	1	-14,2137431	-42,76138236
ME	250	1	-14,21506876	-42,76151079
ME	250	1	-14,21527931	-42,76185682
VM	250	1	-14,21261465	-42,76036459
VS	70	1	-14,19546384	-42,61780444
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VS	70	1	-14,23419154	-42,75254492
VS	250	1	-14,22414989	-42,80139445
VS	250	1	-14,22464503	-42,77336813
VS	70	1	-14,22476965	-42,75722592
VS	70	1	-14,22211843	-42,75915816
VS	250	2	-14,22588839	-42,76404184

VS	70	1	-14,31781365	-42,98582338
VS	250	1	-14,20517945	-42,78908869
VS	70	1	-14,22320059	-42,77982164
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VS	250	1	-14,22154372	-42,7777677
VS	400	1	-14,21859493	-42,78371701
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VS	250	1	-14,22673718	-42,7765898
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VS	250	1	-14,22121169	-42,7714271
VS	250	1	-14,31893772	-42,97988724
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ME	400	1	-14,20335702	-42,78480453
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VS	250	1	-14,20556775	-42,78922896
VS	70	1	-14,23462033	-42,84797478
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VS	400	1	-14,27980025	-42,71280368
VM	80	1	-14,22220427	-42,78481298
VS	250	1	-14,22220427	-42,78481298
VS	70	1	-14,2310352	-42,74897254
VS	250	1	-14,21821376	-42,7683899
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VS	70	1	-14,21500753	-42,74679922
VS	70	1	-14,35665958	-42,97663841
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VS	250	1	-14,22527976	-42,78542685
VS	400	2	-14,21136536	-42,79093029
VM	125	1	-14,27005067	-42,9512269
VM	125	1	-14,20673417	-42,76096127
VS	250	1	-14,22626309	-42,75799071
VS	250	1	-14,22051413	-42,77743052
VS	250	1	-14,22635943	-42,77875732
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VS	70	1	-14,21933198	-42,74664323
VS	70	1	-14,31644109	-42,98322692
VS	250	2	-14,24021721	-42,7614061
VS	250	2	-14,2407038	-42,76163325
VM	80	1	-14,20702702	-42,79050747
VS	70	1	-14,10997012	-42,78867114
VS	250	1	-14,17146984	-42,73751394
VS	250	1	-14,21883427	-42,76568208
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VS	250	1	-14,22955001	-42,77488138
VS	250	1	-14,23683793	-42,77604033
VS	250	1	-14,22275114	-42,77902303
VS	250	1	-14,22252347	-42,78779002

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VS	250	1	-14,22432399	-42,78008741
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VS	70	1	-14,22333388	-42,76939527
VS	250	1	-14,22333388	-42,76939527
VS	250	1	-14,21779466	-42,79876556
VS	250	1	-14,22823163	-42,78131256
VS	400	1	-14,21616052	-42,80346795
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VS	250	1	-14,22121794	-42,79226908
VS	70	1	-14,223304	-42,78712763
VS	250	1	-14,223304	-42,78712763
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VS	250	1	-14,22941814	-42,77836998
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VS	250	1	-14,20954675	-42,75687653
VS	250	1	-14,21187535	-42,76650532
VS	70	1	-14,22337947	-42,76798423
VS	70	1	-14,23502665	-42,76152517
VS	70	1	-14,23216071	-42,76134911
VS	250	1	-14,23013572	-42,75991655
VS	70	1	-14,20399881	-42,79049679
VS	250	1	-14,22498735	-42,76606961
VS	250	1	-14,2351799	-42,76101451
VS	70	1	-14,21700593	-42,79074486
VS	250	1	-14,23352775	-42,76859219
VS	250	1	-14,21284413	-42,79664385
VS	70	1	-14,22041194	-42,76613875
VS	70	1	-14,19545318	-42,77277906
VS	70	1	-14,19605248	-42,7729024
VS	70	1	-14,20698629	-42,78701529
VS	70	1	-14,23138503	-42,75852255
VS	70	1	-14,23064634	-42,76032209
VS	70	1	-14,20698561	-42,78722048
VS	70	1	-14,2038536	-42,79194581
VS	250	1	-14,22393034	-42,76339112
VS	250	1	-14,21329568	-42,796037
VS	250	1	-14,23259716	-42,77440422
VS	70	1	-14,24534439	-42,76481571
VS	250	2	-14,22386913	-42,76294047
VS	70	1	-14,19333227	-42,77440983
VS	70	1	-14,20159718	-42,79072432
VS	70	1	-14,20122289	-42,79072052
VS	250	1	-14,23150282	-42,77124787
VS	70	1	-14,19974636	-42,79864145
VS	70	1	-14,2024323	-42,79015403
VS	70	1	-14,20436243	-42,79050296
VS	70	1	-14,23158963	-42,76272258
VS	70	1	-14,20730914	-42,63108914
VS	250	1	-14,22479207	-42,76809456
VS	250	1	-14,22484882	-42,76680811
VS	70	1	-14,23212933	-42,76302312
VS	250	1	-14,21222445	-42,76579296
VS	250	1	-14,21202595	-42,7661454
VS	250	2	-14,22421175	-42,76306508

VS	70	1	-14,20698696	-42,78859385
VS	250	1	-14,21263687	-42,79817158
VS	70	1	-14,23268789	-42,76169354
VS	70	1	-14,23164575	-42,76046159
VS	250	1	-14,23169455	-42,77084023
VS	250	1	-14,23166743	-42,76344348
VS	250	1	-14,23183316	-42,77117289
VS	250	1	-14,20934309	-42,75706436
VS	250	1	-14,22462625	-42,76907654
VS	250	2	-14,23211737	-42,76556918
VS	70	1	-14,03774346	-42,92202869
VM	80	1	-14,23369964	-42,76244556
VS	70	1	-14,19469289	-42,77490514
VS	250	1	-14,23176294	-42,76062937
VS	250	1	-14,23122903	-42,75651333
PL	25	1	-14,01827435	-42,86421635
VS	250	1	-14,27866096	-42,71585014
VM	80	1	-14,07006936	-42,78849469
VS	70	1	-14,14480528	-42,92878042
VS	70	1	-14,16059489	-42,95857022
VS	70	1	-14,31270147	-42,87016788
VS	70	1	-14,09488991	-42,75996801
VS	70	1	-14,28579055	-42,71112593
VS	70	1	-14,06935029	-42,88571813
PL	15	1	-14,27676198	-42,66288108
VS	250	1	-14,03977615	-42,90809957
VS	70	1	-14,28289056	-42,71013366
VS	250	1	-14,24401515	-42,76357668
VS	250	1	-14,28516784	-42,71376619
VM	400	1	-14,14225743	-42,84298033
VS	70	1	-14,13044536	-42,85214811
VS	70	1	-14,04259879	-42,93606872
VM	80	1	-14,28470317	-42,71193836
VS	250	1	-14,28470317	-42,71193836
VS	70	1	-14,24261518	-42,76696781
VS	70	1	-14,29160082	-42,65229034
VS	70	1	-14,28081733	-42,69910469
VS	250	1	-14,08939954	-42,76877644
VS	70	1	-14,27981555	-42,63722843
VS	70	1	-14,29333137	-42,65095098
VS	70	1	-14,28395905	-42,71285384
VS	70	1	-14,13779015	-42,93635339
VS	70	1	-14,30033996	-42,64561564
VS	70	1	-14,05558517	-42,84258664
VS	70	1	-14,09310036	-42,81977489
VM	125	1	-14,29814175	-42,6638986
VS	250	1	-14,28485146	-42,71374665
VM	125	1	-14,17870944	-42,94777887
VS	250	1	-14,24478399	-42,76839451
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PL	15	1	-14,10770229	-42,91026584
VS	70	1	-14,28435727	-42,70969371
VS	400	1	-14,28445516	-42,71070334
VS	250	1	-14,09095047	-42,8682766
VS	70	1	-14,27984395	-42,69901417
VS	70	1	-14,0057986	-42,88149409
VS	70	1	-14,28155914	-42,69895864
MT	160	1	-14,11448106	-42,85405287
VM	125	1	-14,29548221	-42,72705103
VM	80	1	-14,09010952	-42,77664452
VS	70	1	-14,28126139	-42,69875377
VS	70	1	-14,28334107	-42,71692179

VS	70	1	-14,09269887	-42,81819876
VS	70	1	-14,29701471	-42,64299141
VS	70	1	-14,24407541	-42,7674487
VS	70	1	-14,28758646	-42,67501152
VS	70	1	-14,15104718	-42,93809953
VS	70	1	-14,24491666	-42,76877601
VS	70	1	-14,10739828	-42,87271093
VM	125	1	-14,0903228	-42,86682925
VS	70	1	-14,2839735	-42,71104606
VS	70	1	-14,28227006	-42,71228301
PL	45	1	-14,13648531	-42,91035262
VS	70	1	-14,14861513	-42,93204959
VS	70	1	-14,28374418	-42,71214858
VS	70	1	-14,28161225	-42,69934818
VM	80	1	-14,21796274	-42,77519748
VS	70	1	-14,27725639	-42,91146395
VS	150	1	-14,19808052	-42,78551812
VS	70	1	-14,19619875	-42,7679138
VS	70	1	-14,22021604	-42,74767805
VS	250	1	-14,22314347	-42,78895069
VS	70	1	-14,20719309	-42,79535992
VS	250	1	-14,20534389	-42,75604064
VS	250	1	-14,20772432	-42,75065769
VS	250	1	-14,22690918	-42,77929677
ME	150	4	-14,22690918	-42,77929677
VS	70	1	-14,2452367	-42,76216519
VS	70	1	-14,27245718	-42,63336049
VS	70	1	-14,11872507	-42,67370602
VS	250	1	-14,11949859	-42,82036915
VS	250	1	-14,21147428	-42,77144975
VS	250	1	-14,2440972	-42,76206228
VS	70	1	-14,23011851	-42,76179858
VS	70	1	-14,22557588	-42,75730237
VS	250	1	-14,19818745	-42,79984203
VS	250	1	-14,23281689	-42,74870192
VS	70	1	-14,22684907	-42,78384737
VS	250	1	-14,20260211	-42,78617351
VS	250	1	-14,23184879	-42,78126464
VS	250	1	-14,22505659	-42,78180216
VS	250	1	-14,21650789	-42,76655473
VS	250	1	-14,20966378	-42,7860125
VS	70	1	-14,22806837	-42,75798059
VS	70	1	-14,21806866	-42,79324332
VS	250	1	-14,21408032	-42,77913241
VS	250	1	-14,22039147	-42,78727289
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VS	70	1	-14,20764968	-42,7908618
VS	70	1	-14,20640769	-42,78941583
VS	250	1	-14,20236479	-42,76227982
VS	70	1	-14,23100632	-42,7830896
VM	125	1	-14,23158133	-42,75463963
VS	250	1	-14,23158133	-42,75463963
VS	250	1	-14,21503953	-42,79804227
VM	125	1	-14,24492337	-42,94757897
VS	250	1	-14,23299706	-42,77997921
VS	70	1	-14,206054	-42,7920655
VS	250	2	-14,24283964	-42,76272285
VS	400	1	-14,25824723	-42,93025675
VS	400	1	-14,20850239	-42,76499863
VM	125	1	-14,11929702	-42,67570813
VS	70	1	-14,23861816	-42,98474952
VS	70	1	-14,21032066	-42,75043575

VS	250	1	-14,2176055	-42,7474995
VM	125	1	-14,2256885	-42,76983374
VS	400	1	-14,20772943	-42,76356882
VS	250	1	-14,21463771	-42,77732706
VS	250	1	-14,2372901	-42,764808
VS	70	1	-14,23557446	-42,76694333
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VS	250	1	-14,21101894	-42,77803761
VS	250	1	-14,23857251	-42,77591685
VS	250	1	-14,21339354	-42,79819406
VS	250	1	-14,21459606	-42,79274875
VS	70	2	-14,06346674	-42,90969301
VS	70	1	-14,31955982	-43,03781942
VS	250	1	-14,22207551	-42,78654653
VS	250	1	-14,22577213	-42,77394298
VS	250	1	-14,20664934	-42,78977745
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VS	250	1	-14,22146784	-42,77608062
VS	250	1	-14,22498516	-42,77040183
VS	250	1	-14,21001932	-42,75576801
VS	400	1	-14,22145497	-42,79841118
VS	70	1	-14,21058522	-42,77734679
ME	250	1	-14,21794768	-42,75948671
VS	250	1	-14,22855131	-42,61747234
VS	400	2	-14,20224413	-42,75703542
VS	250	1	-14,20409286	-42,79215562
VS	70	1	-14,20994036	-42,78713485
VS	70	1	-14,21718588	-42,79346175
VS	250	1	-14,21757347	-42,79460344
VS	250	1	-14,22745475	-42,75008077
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VS	250	1	-14,22776532	-42,77180151
VS	70	1	-14,21965039	-42,7484385
VS	250	1	-14,22108637	-42,64072318
VS	70	1	-14,20893737	-42,75025613
VS	70	1	-14,23081017	-42,75548052
VS	70	1	-14,22893059	-42,76651312
VS	250	1	-14,21647499	-42,76553513
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VS	250	1	-14,22768928	-42,7616986
VS	250	1	-14,32099632	-42,98272405
VS	70	1	-14,23087959	-42,7549719
VS	70	1	-14,26980446	-42,99624355
VM	400	8	-14,21870246	-42,80036284
VS	250	1	-14,21870246	-42,80036284
VM	80	1	-14,23472626	-42,77759955
VS	250	1	-14,23472626	-42,77759955
VS	250	1	-14,2005421	-42,80208769
VM	80	1	-14,21933308	-42,78744533
VS	250	16	-14,21975574	-42,78263663
VS	250	1	-14,21975574	-42,78263663
VS	250	1	-14,22006988	-42,77223884
ME	250	1	-14,21242389	-42,76282828
ME	250	1	-14,21653631	-42,75915893
ME	250	1	-14,21224007	-42,76320218
VS	70	1	-14,12253163	-42,75839173
VM	125	1	-14,11971528	-42,67525606

VS	70	1	-14,11971528	-42,67525606
VS	250	1	-14,2437124	-42,76101997
VS	250	1	-14,24188361	-42,76179246
VS	70	1	-14,23003288	-42,75302695
VS	70	1	-14,24383347	-42,76556226
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VS	70	1	-14,3249468	-42,92655526
VS	70	1	-14,20466991	-42,77591222
VS	150	1	-14,22002523	-42,7692636
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VS	400	1	-14,22516084	-42,79262971
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VS	400	1	-14,22204598	-42,79770887
VS	70	1	-14,23835721	-42,76051377
VS	400	2	-14,21371771	-42,7876947
VS	250	1	-14,22943884	-42,76036681
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VS	250	1	-14,23896074	-42,77100898
VS	70	1	-14,20541972	-42,78992249
VS	250	1	-14,32262714	-42,98187812
VS	250	1	-14,22551919	-42,77245464
VS	70	1	-14,2058415	-42,79330207
VS	250	1	-14,20191371	-42,78656037
VS	250	1	-14,22205091	-42,79373542
VS	70	2	-14,27810361	-42,98945211
VS	250	1	-14,22748636	-42,7798251
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ME	250	1	-14,22165884	-42,76208873
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VS	250	1	-14,2161774	-42,78204046
VS	250	1	-14,21953543	-42,77255214
VS	250	1	-14,21681053	-42,79293254
VS	150	1	-14,22008532	-42,7702555
VS	70	1	-14,2416892	-42,76603704
VS	70	1	-14,20156706	-42,79953499
VS	250	1	-14,23914185	-42,76533328
VS	70	1	-14,23052303	-42,75049332
VS	250	3	-14,22780632	-42,78418433
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VS	250	1	-14,22703699	-42,77719828
VS	400	2	-14,21162109	-42,80370218
VS	250	1	-14,21297806	-42,76772915
VS	250	1	-14,22229325	-42,78905897
VS	70	1	-14,3180583	-42,98704117
VS	250	1	-14,32385214	-42,98515642
VS	250	1	-14,22162631	-42,76901877
VS	70	1	-14,24202311	-42,76057867
VS	70	1	-14,23239512	-42,74671183
VS	70	1	-14,2338285	-42,74642568
VS	70	1	-14,27202169	-42,95316236
VS	250	1	-14,32322232	-42,98224231
VS	250	1	-14,20678538	-42,75998454
VS	250	1	-14,22380246	-42,7698788
VS	70	1	-14,24511839	-42,75633057
VS	70	1	-14,13919586	-42,79624213

VM	80	1	-14,21589948	-42,77577435
VS	250	1	-14,20523632	-42,78135726
VS	250	1	-14,21650761	-42,76382066
ME	250	1	-14,21446681	-42,76198692
ME	400	1	-14,24291882	-42,78273481
VS	70	1	-14,24853683	-42,60783953
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VS	250	1	-14,20910801	-42,77675557
VS	250	1	-14,22422712	-42,77276269
VS	250	1	-14,22037026	-42,78272216
VS	250	1	-14,22116987	-42,76757138
VS	70	1	-14,09754865	-42,89106992
VS	70	1	-14,0613153	-42,91677882
VS	70	1	-14,09336728	-42,81838639
VS	250	1	-14,2810201	-42,69778886
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VM	80	1	-14,08872845	-42,7686197
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PL	15	1	-14,29777571	-42,64235661
PL	25	1	-14,13871411	-42,93079594
VS	70	1	-14,28187518	-42,69909868
VS	70	1	-14,28320197	-42,68432499
VS	70	1	-14,13074845	-42,92720371
VS	70	1	-14,09694129	-42,81491615
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VM	125	1	-14,09153936	-42,87044632
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VS	70	1	-14,28489348	-42,71079298
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VS	250	1	-14,12302359	-42,89908926
VS	250	1	-14,23333794	-42,78195962
MT	160	1	-14,1680642	-42,94194371
VS	70	1	-14,14639105	-42,93626107
VS	70	1	-14,11465396	-42,86135334
VS	70	1	-14,28410785	-42,71059267
VS	70	1	-14,11066372	-42,86725782
VS	70	1	-14,24468546	-42,7652129
VS	250	1	-14,24438155	-42,76288198
VM	125	1	-14,25931311	-42,90896409
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VS	250	1	-14,04146144	-42,91432937
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VS	70	1	-14,28511246	-42,71006432
PL	45	1	-14,12230906	-42,90788369
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PL	45	1	-14,14488591	-42,94630285
VS	150	1	-14,13715872	-42,95618016
VS	250	1	-14,14775699	-42,93031561
MT	160	1	-14,0894581	-42,81938216
VS	250	1	-14,27836558	-42,66811334
VS	250	1	-14,28550773	-42,71499102
VS	250	1	-14,2331306	-42,78185732

VS	70	1	-14,29095803	-42,65260371
VS	70	1	-14,28587336	-42,65386847
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PL	45	1	-14,1780524	-42,89524634
VM	125	1	-14,0883075	-42,77482127
VS	70	1	-14,28166829	-42,69842934
VS	70	1	-14,14355436	-42,93065444
VS	400	1	-14,29517545	-42,69888012
VS	250	1	-14,09313292	-42,92799273
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VS	250	1	-14,31877793	-42,97917262
VS	70	1	-14,23494094	-42,75134496
VS	250	1	-14,23393559	-42,74869179
VS	70	1	-14,204484	-42,78574137
VS	250	1	-14,25250557	-42,7084279
VS	250	1	-14,13335866	-42,87349547
VM	125	1	-14,21493367	-42,78930512
VS	70	1	-14,23294817	-42,77266596
VS	70	1	-14,22339971	-42,75729023
VS	70	1	-14,22289418	-42,75852707
VS	70	1	-14,22711757	-42,75875969
VS	250	1	-14,22191474	-42,79482406
VS	250	1	-14,20213702	-42,78521496
VS	250	2	-14,23854422	-42,76061478
VS	250	1	-14,22151489	-42,78930651
VS	70	1	-14,11065704	-42,78242844
VS	250	1	-14,17348979	-42,73688423
VS	400	8	-14,21853499	-42,77158487
VS	250	1	-14,23327158	-42,77023004
VS	70	1	-14,23285591	-42,76875722
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VS	250	1	-14,21696574	-42,76756649
VS	250	1	-14,2330825	-42,77934451
VS	250	1	-14,21781907	-42,78595721
VS	400	2	-14,20998983	-42,78032323
VS	250	1	-14,22095648	-42,79411476
VS	70	1	-14,22157297	-42,78814819
VS	250	1	-14,23704391	-42,77386285
VS	250	1	-14,22276607	-42,75576061
VS	250	1	-14,2438671	-42,76070534
VS	250	1	-14,243003	-42,75949746
VS	250	1	-14,24284543	-42,76071119
VS	70	1	-14,33988541	-42,92569593
VM	125	1	-14,32333291	-43,03752537
VS	70	1	-14,20604779	-42,76072729
VS	400	1	-14,22209072	-42,7977955
VS	400	1	-14,21982416	-42,79967223
VS	70	1	-14,3098383	-43,03956895
VS	70	1	-14,30795588	-43,04118128
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VS	400	1	-14,19946857	-42,75763461
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VS	70	1	-14,23389166	-42,7453395
VS	400	1	-14,28697689	-42,81129005
VS	250	1	-14,22263623	-42,78098751
VS	250	1	-14,21730764	-42,80191386
VS	70	1	-14,22567046	-42,75684446
VS	250	1	-14,22567046	-42,75684446
VS	250	1	-14,24095698	-42,76317971
VS	250	1	-14,24249185	-42,75817954

VS	70	1	-14,21473075	-42,78062454
VS	250	1	-14,23540097	-42,77585932
VS	250	1	-14,21235904	-42,77525071
VS	250	1	-14,22157908	-42,76959092
VS	250	2	-14,21883237	-42,7939498
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VS	70	1	-14,32304563	-42,99280342
VS	250	1	-14,23177324	-42,78483752
VS	70	1	-14,24364092	-42,75791457
VS	70	1	-14,20204624	-42,79233878
VS	70	1	-14,2130139	-42,79613574
VS	250	1	-14,22641688	-42,77546862
ME	400	1	-14,22506177	-42,7636408
ME	400	1	-14,2242075	-42,76439248
VS	250	1	-14,20660096	-42,78811032
VS	250	1	-14,31754141	-42,98051677
VS	70	1	-14,21765051	-42,91140969
VS	250	1	-14,22510291	-42,77477894
VS	70	1	-14,20309791	-42,78681069
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VS	70	1	-14,1414458	-42,79612365
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VS	250	1	-14,23776699	-42,76365924
VS	250	1	-14,23344651	-42,76959127
VS	250	1	-14,23289353	-42,77845852
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VS	250	1	-14,22557826	-42,7703751
VS	250	1	-14,23152747	-42,76556052
VS	70	1	-14,19541027	-42,77447091
VS	70	1	-14,19601804	-42,77192023
VS	250	1	-14,23140998	-42,76062754
VS	70	1	-14,20276421	-42,78612041
VS	70	1	-14,19857817	-42,79505594
VS	70	1	-14,20201162	-42,79015285
VS	70	1	-14,21094051	-42,76905805
ME	400	1	-14,22393481	-42,76512978
VS	70	1	-14,22269906	-42,76755207
VS	70	1	-14,20506688	-42,79291412
VS	250	1	-14,23286474	-42,76206053
VS	250	1	-14,21194456	-42,78903945
VS	250	2	-14,20463207	-42,79564115
VS	70	1	-14,20806618	-42,78791363
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VS	70	1	-14,208607	-42,79084853
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ME	400	1	-14,22452501	-42,76456816
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VS	70	1	-14,21748421	-42,79300671
ME	400	1	-14,22396519	-42,76416811
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VS	70	1	-14,31491942	-42,88893325
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VS	70	1	-14,29656612	-42,84969558
VS	70	1	-14,29537013	-42,8283673
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VS	70	1	-14,2884173	-42,84583536
VM	125	1	-14,29493867	-42,83344721
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VS	70	1	-14,29570978	-42,84971304

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VS	70	1	-14,29855349	-42,78322254
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VS	70	1	-14,22627933	-42,90419392
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VS	70	1	-14,19581227	-42,77161242
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VS	70	1	-14,16941528	-42,64599116
MT	160	1	-14,14682292	-42,64514918
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VM	125	1	-14,18241989	-42,63466679
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VM	125	1	-14,14686614	-42,64251793
VM	125	1	-14,14205634	-42,65580927
VM	125	1	-14,17806955	-42,63861157
VM	125	1	-14,16626486	-42,64411976
VM	125	2	-14,18194031	-42,63481373
VS	250	1	-14,18294407	-42,64154426
VS	70	1	-14,14425128	-42,65989226
VS	250	1	-14,22698329	-42,62321189
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VM	125	1	-14,14664424	-42,67077669
VM	125	2	-14,14630004	-42,64458252
VM	125	1	-14,189078	-42,63328597
VS	70	1	-14,13473765	-42,68955888
VS	70	1	-14,13473765	-42,68955888
VS	70	1	-14,16736462	-42,64870037
VM	125	1	-14,14177317	-42,63338125
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VM	125	1	-14,15683409	-42,66422779
VS	70	1	-14,13652145	-42,69491011
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VS	70	1	-14,14432975	-42,64429903
VM	125	1	-14,16893467	-42,64986311
VS	250	1	-14,18693287	-42,63385652
VM	125	1	-14,15632295	-42,66269746
VS	250	1	-14,19101956	-42,63074287
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VM	125	1	-14,14799963	-42,64127953
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VS	70	1	-14,08532897	-42,81858942
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VS	250	1	-14,32256328	-42,98638397
VS	250	1	-14,2430192	-42,75724512
VS	250	1	-14,22125619	-42,78824904
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VS	250	1	-14,2023613	-42,80151025
VS	70	1	-14,31652533	-43,01827044
VS	250	1	-14,23022725	-42,7568318
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VS	70	1	-14,23545261	-42,76699334
VS	250	1	-14,23545261	-42,76699334
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VS	250	1	-14,21694822	-42,7729975
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VS	250	1	-14,21730013	-42,78154384
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VS	250	1	-14,23683106	-42,75972081
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VS	70	2	-14,13553303	-42,91777097
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VS	250	1	-14,20421737	-42,76190086
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VS	400	2	-14,21414469	-42,78707522
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VS	250	2	-14,23234097	-42,77989002
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VS	250	1	-14,21634608	-42,76907509
VS	250	1	-14,22536546	-42,78411104
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VS	70	1	-14,22643035	-42,798719
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VS	250	1	-14,31968885	-42,98408132
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VS	150	1	-14,22865519	-42,79479216
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VS	250	1	-14,21918458	-42,78586924
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VS	250	1	-14,20284662	-42,78131145
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VS	70	1	-14,22815763	-42,77906007
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VM	250	1	-14,18804601	-42,7406893
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VS	70	1	-14,2935397	-42,7660266
VS	250	1	-14,21700272	-42,78125551
VS	100	1	-14,19793532	-42,78350589
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VS	250	1	-14,22545629	-42,78946847
VS	250	1	-14,32074697	-42,98600055
VS	250	1	-14,21931599	-42,85767549
VS	250	1	-14,22076365	-42,85890654
VS	400	1	-14,21664648	-42,80298541
VS	250	1	-14,22937807	-42,78028296
ME	150	8	-14,22937807	-42,78028296
VS	250	1	-14,22294359	-42,78099783
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VS	250	1	-14,17660194	-42,73656882
VS	250	1	-14,17518774	-42,73485415
VS	250	1	-14,20571513	-42,79214903
VS	250	1	-14,21430667	-42,77067156
VM	80	1	-14,20614807	-42,79158891
VM	125	1	-14,2194968	-42,77610171
VS	250	1	-14,21428393	-42,76650091
VS	250	1	-14,2328429	-42,77782233
VS	250	1	-14,22103099	-42,78525464
VS	250	1	-14,21843655	-42,78514375
VS	250	1	-14,21404579	-42,79780709
VS	70	1	-14,25990613	-42,90003845
VS	70	1	-14,26649583	-42,89277905
VS	250	1	-14,23299353	-42,77940102
VM	125	1	-14,32838469	-42,89005304
VS	250	1	-14,22708338	-42,78407988
VS	70	1	-14,16362824	-42,61872326
VS	70	1	-14,21133889	-42,76293216
VS	70	1	-14,13772592	-42,880839
VS	70	1	-14,20582718	-42,79244023
VS	70	1	-14,22714112	-42,79932376
VS	70	1	-14,22817578	-42,79727276
VS	250	1	-14,20923856	-42,75812443
VS	400	2	-14,20764587	-42,76326345

VS	250	1	-14,22842356	-42,79370341
VS	70	1	-14,31847409	-43,02316367
VS	250	1	-14,22607126	-42,62103367
VS	70	1	-14,22345786	-42,77425042
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VS	70	1	-14,21711625	-42,74765472
VS	250	1	-14,21738981	-42,74806814
VS	250	1	-14,22919626	-42,78215931
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VS	250	1	-14,32554981	-42,98691891
VS	70	1	-14,22769294	-42,79817928
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VS	250	1	-14,2280844	-42,78209988
VS	250	2	-14,22275832	-42,78785571
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VS	250	1	-14,210279	-42,75547591
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VS	250	1	-14,21636866	-42,78161479
VS	250	1	-14,19291545	-42,75722456
ME	250	1	-14,21596451	-42,75851521
VS	250	1	-14,22659355	-42,61618656
VM	125	1	-14,19769648	-42,61444499
VS	70	1	-14,30020919	-43,05106221
VS	360	1	-14,32292825	-42,98074761
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VS	250	1	-14,21375176	-42,79507223
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VS	70	1	-14,2029652	-42,76375851
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VS	250	1	-14,20783293	-42,79242181
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VS	250	1	-14,22279804	-42,78951486
VS	250	2	-14,21957225	-42,7834516
VS	70	1	-14,13451728	-42,73350565
VM	250	1	-14,1291717	-42,80131951

VS	70	1	-14,14087538	-42,79911739
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VS	70	1	-14,32915498	-42,98405749
VS	70	1	-14,2380882	-42,72328827
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VS	250	1	-14,20065667	-42,78390557
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VS	250	1	-14,23290347	-42,74842497
VS	70	1	-14,31635364	-42,88392032
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VS	250	1	-14,21893146	-42,77479298
VS	250	1	-14,23311364	-42,77888683
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VS	250	2	-14,22908196	-42,76723658
VS	70	1	-14,23731032	-42,76414071
VS	70	1	-14,22571872	-42,7558807
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VM	125	1	-14,22307722	-42,75634462
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ME	250	1	-14,21514516	-42,76057229
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VM	125	1	-14,32965632	-42,89223761
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VS	250	1	-14,32322331	-42,98200124
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VS	250	1	-14,22632286	-42,76940286
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VS	250	1	-14,21471086	-42,77149777
VS	70	1	-14,2295482	-42,752277
VM	125	1	-14,23514607	-42,78118874
VS	250	2	-14,22417752	-42,76285679
VS	250	2	-14,22317261	-42,7626536
VS	250	1	-14,2146053	-42,80135903
VS	70	1	-14,23048502	-42,77511035
VS	250	1	-14,21215657	-42,78679033
VS	250	1	-14,2204248	-42,76871813
VS	250	1	-14,21134038	-42,79573091
VS	250	2	-14,24040105	-42,76150868
VS	250	1	-14,2263238	-42,92564979
VS	250	1	-14,21999744	-42,78886565
VS	250	1	-14,22860094	-42,62245953
VS	70	1	-14,23773366	-42,59307658
VS	250	1	-14,21501648	-42,76924669
VS	250	1	-14,23172657	-42,75153501
VM	125	1	-14,34189926	-42,99334869
VS	250	1	-14,22587917	-42,78185132
VS	250	1	-14,32003224	-42,98193177
VS	250	1	-14,22650158	-42,78228908
VS	250	1	-14,21707648	-42,79994007
VS	250	2	-14,22296633	-42,76261083
VS	250	1	-14,23082313	-42,76263261
VS	250	2	-14,22446817	-42,7631474
ME	400	1	-14,22435765	-42,76361045
VS	70	1	-14,20236072	-42,79077377
ME	400	1	-14,22369668	-42,76430688
VS	250	1	-14,23105017	-42,76064645
VS	70	1	-14,28535489	-42,70902358
VS	70	1	-14,20735229	-42,77578585

VS	250	1	-14,2025802	-42,78884422
VS	250	1	-14,20305883	-42,79024405
VS	70	1	-14,22838321	-42,76384186
VS	70	1	-14,23310126	-42,76152197
VS	250	1	-14,24196506	-42,76785897
VS	70	1	-14,19668732	-42,79581343
VS	250	1	-14,23182281	-42,76013944
VS	250	1	-14,20236585	-42,79048121
VS	70	2	-14,22660005	-42,91495004
VS	70	1	-14,20808008	-42,78893692
VS	250	1	-14,21312257	-42,78485501
VS	250	1	-14,23058823	-42,75931866
VS	70	1	-14,19609436	-42,77376226
VS	250	2	-14,23240729	-42,76541074
VS	70	1	-14,20304358	-42,79282748
VS	70	1	-14,21133308	-42,77532284
VS	70	1	-14,23434094	-42,77250376
VS	70	1	-14,20529499	-42,79359534
VS	250	1	-14,20911636	-42,77713521
VS	70	1	-14,20314145	-42,79123262
VS	250	1	-14,20115441	-42,78579922
VS	250	1	-14,19555957	-42,77390492
VS	70	1	-14,19594251	-42,77218391
VS	250	1	-14,20262422	-42,78574562
VS	250	1	-14,20456758	-42,79526948
VS	400	1	-14,19885863	-42,79518925
VS	250	1	-14,20537668	-42,75564891
VS	250	1	-14,23326994	-42,7736982
VS	250	1	-14,22288015	-42,78701828
VS	70	1	-14,23324117	-42,76133892
VS	70	1	-14,23170509	-42,76102022
VS	250	1	-14,23082222	-42,75945986
VS	250	1	-14,22323989	-42,76488026
VS	250	1	-14,22424705	-42,7634756
VS	70	1	-14,23165989	-42,76147247
ME	400	1	-14,22474671	-42,76343482
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ME	400	1	-14,22469674	-42,76413331
ME	400	1	-14,2241798	-42,76525165
ME	400	1	-14,22410264	-42,76379589
VS	70	1	-14,20265902	-42,79221098
VS	250	1	-14,21343314	-42,79142811
VS	250	1	-14,21209325	-42,77214582
VS	70	1	-14,27237293	-42,63059115
VS	70	1	-14,23118966	-42,76269084
VS	250	1	-14,21280019	-42,79851182
VS	70	1	-14,22483354	-42,76708926
VS	70	1	-14,29919759	-42,7857922
VS	250	1	-14,19660996	-42,77418918
VS	70	1	-14,20323902	-42,79084261
VS	250	1	-14,22481716	-42,76773985
VS	70	1	-14,20836999	-42,78790736
VS	70	1	-14,22554038	-42,92500369
VS	250	1	-14,31849168	-42,98062704
VS	250	1	-14,23384278	-42,77681796
VS	400	1	-14,22262079	-42,92484614
VS	250	1	-14,23112768	-42,78043271
VS	70	1	-14,20997971	-42,76387292
VS	250	1	-14,32144458	-42,97925833
VS	250	1	-14,21641456	-42,80492419
VS	70	1	-14,07277241	-42,82340527
VS	250	1	-14,22387092	-42,78769273

VS	250	1	-14,21957319	-42,77499072
VM	80	1	-14,22121065	-42,77732168
VS	70	1	-14,2152223	-42,775494
VS	70	1	-14,20754602	-42,79485578
VS	70	1	-14,21811042	-42,74791545
VS	250	1	-14,32325224	-42,98156559
VS	400	1	-14,19936281	-42,75859723
VS	250	1	-14,19651291	-42,7571493
VS	250	1	-14,19747556	-42,75488136
VS	250	1	-14,21542917	-42,80317807
VS	70	1	-14,23465793	-42,61800131
VS	250	1	-14,2317727	-42,61749137
VS	250	1	-14,22929539	-42,61660402
VS	250	1	-14,22951232	-42,6162789
VS	400	2	-14,21107847	-42,79564659
VS	70	1	-14,2298948	-42,9661295
VS	250	1	-14,22309343	-42,79313977
VM	400	1	-14,22665691	-42,76505032
VS	70	1	-14,22750741	-42,77047524
VM	125	4	-14,21528544	-42,7727509
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VS	250	2	-14,21528544	-42,7727509
VS	250	2	-14,2266917	-42,7579724
VS	250	1	-14,22671925	-42,7709638
VS	250	1	-14,21724971	-42,76922643
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VS	250	1	-14,2158509	-42,79874021
VS	250	1	-14,22113142	-42,78495841
VS	250	1	-14,21099688	-42,78202268
VS	250	1	-14,23599678	-42,77613942
VS	70	1	-14,24584708	-42,89312285
VS	400	2	-14,20788143	-42,76353448
VS	70	1	-14,28506579	-42,9950656
VS	400	1	-14,19722007	-42,7580754
VS	400	1	-14,19689423	-42,75770446
VS	70	1	-14,23643882	-42,76242304
VS	150	1	-14,19960262	-42,78575968
VS	150	1	-14,19958563	-42,78487811
VS	250	1	-14,23078191	-42,77908731
VS	250	1	-14,23047642	-42,77888995
VS	400	1	-14,22375971	-42,7960895
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VS	250	1	-14,2307711	-42,75639798
VS	70	1	-14,22930145	-42,77763663
VS	250	1	-14,23338562	-42,78390695
VS	70	1	-14,2892037	-42,88143821
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VS	250	1	-14,19665962	-42,75744235
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VS	70	1	-14,27349862	-42,62057788
VS	70	1	-14,27650014	-42,62232111
VM	125	1	-14,15481578	-42,70605652
VM	125	1	-14,22666832	-42,73588802
VS	250	1	-14,22667575	-42,75778317
VS	70	1	-14,2467386	-42,65203159
VM	125	1	-14,15287073	-42,70644895
VS	250	1	-14,22428074	-42,72857179
VS	70	1	-14,25252591	-42,66157743
VS	70	1	-14,2545174	-42,62373473
VM	125	1	-14,15529481	-42,70611359

VS	70	1	-14,25786163	-42,62759094
VS	70	1	-14,23257873	-42,64579938
VS	400	1	-14,24646647	-42,65894581
VS	70	1	-14,22425514	-42,73055543
VS	70	1	-14,22369148	-42,73183553
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VS	70	1	-14,25346869	-42,66068101
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VS	70	1	-14,25149248	-42,6427107
VS	70	1	-14,25350102	-42,62170186
VS	70	1	-14,22553116	-42,72592222
VM	250	1	-14,19373733	-42,65569795
MT	160	1	-14,2443487	-42,65312779
PL	25	1	-14,27111583	-42,63274211
PL	45	1	-14,2487901	-42,64903415
MT	500	1	-14,27054587	-42,62577916
PL	30	1	-14,27054587	-42,62577916
VS	70	1	-14,21197072	-42,74319369
MT	500	1	-14,27162365	-42,62115846
MT	160	1	-14,23900702	-42,64583617
VS	70	1	-14,18173865	-42,67838657
VS	70	1	-14,25720257	-42,62722759
VS	70	1	-14,19484283	-42,65810136
VS	250	1	-14,20641411	-42,64816122
VS	250	1	-14,24767995	-42,65495418
MT	160	1	-14,24805556	-42,64651075
VS	70	1	-14,21525282	-42,72255472
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VS	70	1	-14,24848784	-42,65377928
VM	125	1	-14,15384861	-42,70597015
VS	250	1	-14,19452522	-42,65852674
VM	125	1	-14,22497922	-42,73145123
VS	70	1	-14,21123053	-42,7428113
VM	80	1	-14,22867424	-42,65162768
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VS	70	1	-14,24869238	-42,64505725
VS	70	1	-14,25723023	-42,62702373
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VS	70	1	-14,18367263	-42,68152118
VS	70	1	-14,24405695	-42,65401681
MT	160	1	-14,23836489	-42,6459085
VS	250	1	-14,19249201	-42,66656982
VS	70	1	-14,27245494	-42,62966692
VM	125	1	-14,155792	-42,70614292
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VS	70	1	-14,24744358	-42,65542624
VS	250	1	-14,2531603	-42,66429529
VS	70	1	-14,24452838	-42,66012666
VS	70	1	-14,11224382	-42,93467523
VS	70	1	-14,08125635	-42,78402067
VS	70	1	-14,28528027	-42,70942552
VS	250	1	-14,2861862	-42,7088187
VS	70	1	-14,28392665	-42,7146152
MT	160	1	-14,16795154	-42,94070164
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VM	125	1	-14,07620059	-42,82294735
VS	70	1	-14,05471548	-42,89748004
VS	70	1	-14,22782418	-42,88760994
VS	250	1	-14,24385333	-42,7668678

VS	70	1	-14,24413079	-42,7704901
VS	70	1	-14,18598806	-42,95669552
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VS	70	1	-14,14842396	-42,94596305
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VS	70	1	-14,21981023	-42,88859819
VS	70	1	-14,15464855	-42,8288521
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VS	70	1	-14,24352702	-42,76950951
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PL	15	1	-14,27674992	-42,66396571
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VS	250	1	-14,09211166	-42,88344649
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VM	125	1	-14,10513134	-42,89181253
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VS	70	1	-14,30749262	-42,88278492
VS	250	1	-14,28520826	-42,71536091
VS	70	1	-14,04974795	-42,84594124
VM	125	1	-14,04204535	-42,91532257
VS	70	1	-14,25044671	-42,67821138
VS	70	1	-14,04015102	-42,84973084
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VS	70	1	-14,28054406	-42,69979915
VS	70	1	-14,24394035	-42,76386915
VS	250	1	-14,09243042	-42,93431631
VM	125	1	-14,25933598	-42,90839754
VS	70	2	-14,10394403	-42,8753564
VS	250	1	-14,10709549	-42,87393255
VS	250	1	-14,28545845	-42,71634442
VS	70	1	-14,10623653	-42,88385961
VS	250	1	-14,23131623	-42,78091635
VS	250	1	-14,21779804	-42,77337676
VS	250	1	-14,32066774	-42,97909735
VS	70	1	-14,22792966	-42,79898378
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VS	250	1	-14,31752337	-42,98083536
VS	250	1	-14,21380494	-42,80010385
VM	400	1	-14,32330333	-42,98013794
VS	70	1	-14,204866	-42,78957749
VS	250	1	-14,21205527	-42,76791139

VS	250	1	-14,22078537	-42,769053
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VS	250	1	-14,23961194	-42,76252637
VS	250	1	-14,21623174	-42,79025208
VS	250	1	-14,20044433	-42,7646656
VS	250	1	-14,18272844	-42,91877408
VS	70	1	-14,22972949	-42,76498381
VS	70	1	-14,20994736	-42,79864538
VS	70	1	-14,21179546	-42,76398383
VS	250	1	-14,07874978	-42,8966287
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VS	250	1	-14,21681814	-42,80148692
VS	250	1	-14,22082497	-42,7955972
VM	125	1	-14,21761809	-42,78790429
VS	70	1	-14,29637295	-43,04353521
VS	70	1	-14,22395323	-42,89526882
VS	70	1	-14,2033976	-42,79400892
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VS	250	1	-14,22704995	-42,77604848
VS	400	1	-14,20327161	-42,75804899
VS	250	1	-14,23915603	-42,7637298
VS	250	2	-14,20826651	-42,7595855
VS	250	1	-14,21607075	-42,79517281
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VS	250	1	-14,21455942	-42,78742884
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VS	70	1	-14,12293119	-42,68554651
VS	250	1	-14,22826622	-42,78179464
VS	250	1	-14,32245605	-42,97952232
VS	70	1	-14,26224543	-42,95178423
VS	250	1	-14,21665516	-42,76573964
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VS	250	1	-14,241407	-42,76823665
VM	80	1	-14,23860378	-42,76677743
VS	250	1	-14,23860378	-42,76677743
MT	160	1	-14,18873044	-42,89366372
VS	400	1	-14,21139984	-42,80497108
VS	150	1	-14,19834438	-42,7837158
VS	150	1	-14,19903598	-42,78491579
VS	250	1	-14,23628982	-42,77777173
VS	250	1	-14,21512824	-42,77939549
VS	250	1	-14,22314331	-42,78351022
VS	70	1	-14,20598336	-42,79122876
VS	250	1	-14,21711531	-42,79914316

VS	250	1	-14,21335012	-42,77011225
VM	125	1	-14,23958098	-42,93407862
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VS	400	1	-14,21344947	-42,78678552
VS	250	1	-14,22894878	-42,79383361
VS	250	1	-14,20920004	-42,78088984
VS	70	1	-14,22398394	-42,75552275
VS	250	1	-14,217387	-42,78812444
PL	25	1	-14,24527854	-42,87627077
VS	250	1	-14,22153315	-42,77545987
VS	70	1	-14,13750892	-42,85295866
VS	70	1	-14,23095901	-42,76740038
VS	400	1	-14,20900801	-42,76803088
VS	250	1	-14,21846085	-42,79691428
VS	70	1	-14,05309351	-42,90088185
VS	250	1	-14,21845531	-42,77941614
VS	250	1	-14,20897727	-42,76133799
VS	250	1	-14,21282177	-42,77413272
VS	250	1	-14,21887174	-42,76527441
VS	400	2	-14,20282082	-42,75764899
VS	250	1	-14,21905205	-42,79041015
VS	250	1	-14,20608655	-42,78176934
VS	250	1	-14,24386337	-42,76243894
VS	250	1	-14,20559117	-42,78130398
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VS	250	1	-14,19740894	-42,75929996
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VS	70	1	-14,31933345	-42,95290408
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VS	250	1	-14,20102071	-42,76409768
VS	250	1	-14,22878422	-42,77543822
VS	250	1	-14,21736131	-42,78466701
VS	250	1	-14,234319	-42,7749473
VS	250	1	-14,23675418	-42,94484089
VS	70	1	-14,21245113	-42,74841801
VS	70	1	-14,21285636	-42,74919469
VS	70	1	-14,17007437	-42,81520211
VS	250	1	-14,20340975	-42,76336391
VS	250	1	-14,23253691	-42,75128215
VS	70	1	-14,23290494	-42,75091938
VM	80	1	-14,21756798	-42,77704048
VS	250	1	-14,21742261	-42,80186903
VS	70	1	-14,21860258	-42,77583916
VS	250	1	-14,22704034	-42,61690248
VS	250	1	-14,21246894	-42,79152596
VS	70	1	-14,20569815	-42,79138124
VS	250	1	-14,22103531	-42,77841473
VS	250	1	-14,22314429	-42,77386815
VS	70	1	-14,20322798	-42,79886475
VS	70	1	-14,20102592	-42,79767425
VS	70	1	-14,20074142	-42,79750626
VM	125	1	-14,23382127	-42,76387873
VS	250	1	-14,2263525	-42,77561077
VS	70	1	-14,24527894	-42,94586896
VS	70	1	-14,3433572	-42,97532895
VS	70	1	-14,24424347	-42,76458111
VS	250	2	-14,19588787	-42,72944641
VS	250	1	-14,22202453	-42,76889036

VS	70	1	-14,22506369	-42,78239536
VS	250	1	-14,22329439	-42,7925195
VS	400	2	-14,20870186	-42,76538697
VS	250	1	-14,32683652	-42,97785414
VS	250	1	-14,21422827	-42,7739767
VS	250	1	-14,20305577	-42,78293147
VS	250	1	-14,2331162	-42,76267366
VS	250	1	-14,22656041	-42,75846013
ME	250	1	-14,25272541	-42,78214493
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VS	250	1	-14,24381555	-42,79320494
ME	250	1	-14,21337941	-42,76329682
VS	250	1	-14,2230765	-42,78954725
VS	250	1	-14,22818571	-42,61801783
VS	250	1	-14,22225436	-42,79067456
VS	250	1	-14,20770156	-42,75701211
VS	400	1	-14,21644694	-42,80317479
VS	70	1	-14,06638478	-42,90445868
VS	250	1	-14,21433083	-42,78118787
VS	250	1	-14,21329682	-42,77376075
VS	70	1	-14,29997217	-42,69638623
VS	250	1	-14,22693768	-42,75638525
VS	250	1	-14,17666141	-42,73310353
VS	70	1	-14,14485763	-42,82668014
VS	250	1	-14,24064201	-42,75988815
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VS	250	1	-14,23579277	-42,77770515
VS	70	1	-14,20073616	-42,80083729
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VS	70	1	-14,23293734	-42,61298714
VS	250	1	-14,23991996	-42,76233275
VS	70	1	-14,32393384	-42,6648274
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VS	70	1	-14,19525027	-42,76973179
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VS	250	1	-14,22298983	-42,78068287
VS	70	1	-14,22579489	-42,79924609
VS	250	1	-14,22363917	-42,77563387
VS	400	2	-14,20506381	-42,76025136
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VS	250	1	-14,21222192	-42,76950603
VS	250	1	-14,19758349	-42,75757321
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VS	250	1	-14,20951056	-42,75788437
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VS	250	1	-14,2269765	-42,77828091
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VS	70	1	-14,20540985	-42,78509944
VS	70	1	-14,22453074	-42,76754499
VS	250	1	-14,22330391	-42,77714022
VS	150	1	-14,20190467	-42,78380792
VS	250	1	-14,2354801	-42,76535804
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VS	250	1	-14,16766922	-42,8801368
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VS	70	1	-14,2424436	-42,76867552
VS	250	1	-14,19565665	-42,75628127
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VS	250	1	-14,21885062	-42,77183618
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VM	125	1	-14,33258284	-42,89794951
VS	250	1	-14,20238027	-42,78214142
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VS	250	1	-14,1971381	-42,75692441
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VS	250	1	-14,26778457	-42,9651849
VS	250	1	-14,22063754	-42,78392794
VS	250	1	-14,23697703	-42,77774627
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VS	70	1	-14,31766149	-42,9824407
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VS	250	1	-14,22364529	-42,78757146
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VS	400	1	-14,21472881	-42,8038604
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VS	250	1	-14,32339033	-42,98096351
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VS	250	1	-14,21712836	-42,80064462
VS	250	1	-14,23273319	-42,78413178
VS	250	1	-14,21317741	-42,77039897
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VS	250	1	-14,22923523	-42,75604068
PL	30	1	-14,1355063	-42,87104659
VS	70	1	-14,22250305	-42,76606051
VS	70	1	-14,24438001	-42,76429423
VS	70	1	-14,22184669	-42,75769361
VS	250	1	-14,20872004	-42,75912362
VS	250	2	-14,22273287	-42,79281413
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VS	250	1	-14,21518951	-42,79644871

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VS	250	1	-14,2446339	-42,75839988
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VS	250	1	-14,20323831	-42,76283091
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ME	250	1	-14,21265665	-42,76103202
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VS	70	1	-14,20663119	-42,79263764
VM	125	1	-14,14041535	-42,63388328
MT	160	1	-14,19518568	-42,6182057

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VS	250	1	-14,21599364	-42,78293882
VS	250	1	-14,22366663	-42,77215686
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VS	250	1	-14,22119874	-42,79467169
VS	250	1	-14,22156288	-42,79912632
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VS	250	1	-14,223115	-42,7893584
VS	250	1	-14,21669336	-42,77352492
VS	250	1	-14,20153268	-42,78370989
VS	250	1	-14,22441824	-42,77215061
VS	70	1	-14,35525507	-42,97742055
VS	250	1	-14,22023422	-42,79380639
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VS	70	1	-14,23893537	-42,76889687
VS	250	1	-14,23581186	-42,7746187
VS	250	1	-14,22122583	-42,78923137
VS	70	1	-14,2415786	-42,76457929
VS	250	1	-14,23272217	-42,77237518
VS	250	1	-14,2153127	-42,80016558
VS	250	1	-14,23569637	-42,76558122
VS	70	1	-14,19482481	-42,80037172
VS	70	1	-14,26528813	-42,59803933
VS	70	1	-14,22290412	-42,76650832
VS	70	1	-14,22306596	-42,9357466
VS	250	1	-14,24217518	-42,76108898
VS	250	1	-14,2431574	-42,76211187
VS	250	1	-14,24336033	-42,76085195
VS	250	1	-14,2433098	-42,75968387

VS	70	1	-14,2295592	-42,75366093
VS	250	1	-14,22331822	-42,77979424
VS	250	1	-14,22331822	-42,77979424
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VS	400	1	-14,22150329	-42,79812664
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VS	250	1	-14,21167636	-42,7815987
VS	250	1	-14,22236756	-42,79391578
VM	125	1	-14,21940666	-42,79253378
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VM	125	1	-14,27792167	-42,94051707
VS	70	1	-14,23150378	-42,75511736
VS	250	1	-14,23150378	-42,75511736
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VM	125	1	-14,21158131	-42,76346124
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VS	250	1	-14,20771921	-42,75811697
VS	250	1	-14,202712	-42,75775057
VS	250	1	-14,18953295	-42,74188048
VS	250	1	-14,22506394	-42,78507391
VS	250	1	-14,21732372	-42,79900487
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VS	250	1	-14,32048147	-42,98042241
VS	250	1	-14,21477815	-42,80319431
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VM	125	1	-14,29553346	-42,81035175
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VS	70	1	-14,10893819	-42,91098401
VS	70	1	-14,21963339	-42,78685321
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VS	250	1	-14,21411663	-42,77352544
VS	250	1	-14,23312796	-42,78252503
VS	250	1	-14,22100458	-42,77674635
VS	250	1	-14,23704884	-42,76954358
VS	250	1	-14,21672441	-42,78065213
VS	250	1	-14,32219223	-42,98429619
VM	80	1	-14,3408922	-42,99203682
VS	70	1	-14,20044643	-42,76233578
VS	70	1	-14,22474993	-42,75345844
VS	250	1	-14,22124455	-42,77523645
VS	70	1	-14,3337727	-42,70181838
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VS	250	1	-14,22915264	-42,78167719
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VS	250	1	-14,23501696	-42,819856
VS	70	1	-14,23036562	-42,75384897
VS	250	1	-14,22850437	-42,75024309

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VS	250	1	-14,21506047	-42,78745948
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VS	70	1	-14,20060476	-42,79779103
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VS	70	1	-14,21141861	-42,76908626
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VS	250	1	-14,20960602	-42,75474625
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ME	250	1	-14,21698013	-42,75992984
ME	250	1	-14,21706202	-42,75763043
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VM	400	1	-14,21927052	-42,78447932
VS	400	2	-14,2179503	-42,78178704
VS	250	1	-14,22732702	-42,78702401
VS	70	1	-14,20659151	-42,71946011
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VS	250	1	-14,22525753	-42,77652711
VS	70	1	-14,22244499	-42,78416586
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ME	250	1	-14,23378197	-42,77882906
VS	250	1	-14,21650434	-42,77046583
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VS	250	1	-14,28544864	-42,99548073
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VS	250	1	-14,29462668	-42,7922542
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VS	70	1	-14,19447274	-42,80021295
VS	70	1	-14,28794761	-42,79009808
VS	250	1	-14,23220104	-42,78120782
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VS	400	1	-14,21313054	-42,80382798
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VS	250	1	-14,22154547	-42,77892252
VS	70	1	-14,30871267	-42,95545009
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VS	250	1	-14,22568227	-42,78123894
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VS	70	1	-14,23828455	-42,76482988
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VS	70	1	-14,20245999	-42,79714351
VS	70	1	-14,03862704	-42,87280832
VS	70	1	-14,23300007	-42,72949608
VS	70	1	-14,13611179	-42,84769432
VS	250	1	-14,21296934	-42,76387868
VS	250	1	-14,32122994	-42,98667171
VM	125	1	-14,13528317	-42,6799429
VS	250	1	-14,21821322	-42,8043816
VS	250	1	-14,22080602	-42,775722
VS	70	1	-14,23678029	-42,76590001
VS	250	1	-14,2237474	-42,77423954
VS	250	1	-14,22741182	-42,62103501
VS	250	1	-14,21662796	-42,7961757
ME	400	1	-14,21397942	-42,7449885
VS	250	1	-14,21977898	-42,78930977
VS	70	1	-14,21522269	-42,79190754
VS	250	1	-14,21344479	-42,76878726
VS	70	1	-14,19963861	-42,79920239
VS	70	2	-14,21437164	-42,79226603
VS	250	1	-14,22024151	-42,79160987
VS	250	1	-14,21470546	-42,79519585
VS	150	1	-14,22702944	-42,7944581
VS	250	1	-14,22611864	-42,77295151
VS	250	1	-14,15961289	-42,87582327
VS	70	1	-14,20637263	-42,78880923
VS	70	1	-14,21713586	-42,9026192
VS	250	1	-14,2281337	-42,7808488

VS	250	1	-14,2400237	-42,76098909
VS	250	2	-14,23145229	-42,7779313
VS	250	1	-14,22271068	-42,78033899
VS	400	2	-14,2115681	-42,80236067
VS	250	1	-14,23755307	-42,76422587
VS	250	1	-14,2373946	-42,77645284
VS	70	1	-14,21530408	-42,78643047
VS	250	1	-14,21399625	-42,7816744
VM	400	1	-14,22339743	-42,78321451
VS	70	1	-14,12723077	-42,78002995
VS	70	1	-14,12723077	-42,78002995
VS	70	1	-14,23378751	-42,76898393
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VS	250	1	-14,23564559	-42,77570259
VS	250	1	-14,23564559	-42,77570259
VS	250	2	-14,21904279	-42,77112318
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VS	250	1	-14,23144786	-42,78152751
VS	250	1	-14,20730234	-42,78148723
VS	250	1	-14,20485013	-42,78172905
VS	250	1	-14,20447163	-42,78173878
VS	70	1	-14,30186124	-42,97955378
VS	250	1	-14,21661535	-42,80054217
VS	70	1	-14,22297368	-42,91281358
VS	250	1	-14,19593443	-42,75641517
VS	70	1	-14,28436734	-42,95665091
VS	250	1	-14,22770694	-42,62141333
VS	250	1	-14,22784066	-42,62113638
VS	250	1	-14,21141861	-42,76908626
VS	250	1	-14,20120572	-42,78189644
VS	250	1	-14,20652605	-42,75868343
VS	70	1	-14,35283501	-42,97453538
VS	70	1	-14,35397796	-42,97360373
VS	250	1	-14,20270861	-42,75896163
ME	250	1	-14,22704944	-42,76387455
VS	250	1	-14,22932782	-42,76195164
LED	10	1	-14,28684983	-42,78843858
VS	70	1	-14,22291848	-42,75702383
VS	250	1	-14,23608609	-42,76528593
ME	250	1	-14,21443062	-42,7624767
ME	250	1	-14,21232043	-42,76142089
VS	250	1	-14,21966254	-42,79170981
VS	70	1	-14,27233486	-42,61146194
VS	250	1	-14,22969697	-42,61682923
VS	250	1	-14,22690942	-42,61766967
VS	250	1	-14,22547142	-42,61975658
VS	250	1	-14,15778091	-42,78375115
VS	250	1	-14,22179461	-42,7756832
VS	250	1	-14,22364783	-42,78129683
VM	80	1	-14,21954223	-42,77338658
VM	125	1	-14,13384715	-42,80197767
VS	70	1	-14,24787882	-42,89380793
VS	250	1	-14,2145388	-42,788198
VS	70	1	-14,23789101	-42,78026126
VS	250	1	-14,21383359	-42,78269971
VS	250	1	-14,32325306	-42,97917344
VS	250	1	-14,22966949	-42,77567295
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VS	250	1	-14,32473357	-42,97969908
VS	250	1	-14,17438331	-42,73583408
VS	250	1	-14,20461402	-42,79663466
VS	70	1	-14,20995834	-42,77052711

VM	125	1	-14,25423567	-42,86947536
VM	125	1	-14,25855125	-42,87129497
VM	400	1	-14,22007324	-42,76839256
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VS	250	1	-14,31805413	-42,98492897
VS	250	1	-14,22027127	-42,77147026
VS	70	1	-14,3338482	-42,93900494
VS	250	1	-14,23288921	-42,77328074
VS	70	1	-14,24283449	-42,75846803
VS	250	2	-14,23404105	-42,77423266
VS	250	1	-14,23522633	-42,77673926
VS	250	1	-14,23440229	-42,94744481
VS	250	1	-14,20221025	-42,78386763
VS	70	1	-14,25989091	-42,99583007
VS	250	1	-14,22419676	-42,78758263
VS	70	1	-14,30004115	-42,69675842
VS	250	1	-14,23505907	-42,77534837
VS	250	1	-14,21435897	-42,78239567
VS	70	1	-14,22729977	-42,75909285
VS	70	1	-14,26746749	-42,89107778
VS	70	1	-14,24764283	-42,60025464
VS	250	1	-14,21673137	-42,80040226
VS	70	1	-14,31060356	-43,03685969
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VS	70	1	-14,26041276	-42,89987666
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VS	250	1	-14,24054785	-42,761065
VM	125	1	-14,2940978	-42,83227532
VS	250	1	-14,21909253	-42,80226714
VS	250	1	-14,21903582	-42,7843673
VS	250	1	-14,21002005	-42,7765977
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VS	250	1	-14,21569207	-42,76478893
VS	250	1	-14,21909392	-42,77208724
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VS	70	1	-14,21638779	-42,79227304
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VS	250	1	-14,21773371	-42,79535471
VS	250	1	-14,22157947	-42,78891747
VS	250	1	-14,22151285	-42,7844407
VS	250	1	-14,22633761	-42,61726474
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VS	250	1	-14,24242664	-42,76161816
VS	250	1	-14,24336638	-42,76178815
VS	70	1	-14,25478263	-42,60854221
VS	70	1	-14,22945169	-42,75260321
VS	70	1	-14,22766478	-42,75289334
VS	70	1	-14,2307563	-42,75393072
VS	70	1	-14,22967877	-42,75138134
VS	70	1	-14,2106036	-42,75059312
VS	400	2	-14,21137386	-42,79924351
VS	70	1	-14,2269151	-42,98799833
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VS	70	1	-14,22559404	-42,79896437
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VS	70	1	-14,22257321	-42,79084834
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VS	70	1	-14,24426282	-42,77073395
VS	250	1	-14,21894188	-42,80367229
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VS	250	1	-14,22223479	-42,77655591
VS	250	1	-14,22379642	-42,79108466
VS	70	1	-14,2318108	-42,74575163
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VS	250	1	-14,21552727	-42,78178799
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VS	70	1	-14,20204006	-42,79686375
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VS	70	1	-14,14338527	-42,82838755
VS	70	1	-14,36222946	-42,97202581
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VS	250	1	-14,12429096	-42,68486944
VS	250	2	-14,21885793	-42,80201876
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VS	250	1	-14,22880301	-42,76018265
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VS	250	1	-14,20726957	-42,79021286
VS	250	1	-14,22625878	-42,7891678
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VS	70	1	-14,21021074	-42,76321439
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VS	400	2	-14,21180133	-42,7903294
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VS	250	1	-14,22001404	-42,77671359
VS	250	1	-14,19685066	-42,7568736
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VS	250	1	-14,20522419	-42,79468523
VS	70	1	-14,19875339	-42,75900825
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VS	70	1	-14,15294612	-42,79919157
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VS	70	1	-14,27543736	-42,93628779
VM	125	1	-14,16816976	-42,62118183
VS	70	1	-14,16027739	-42,62687465
VS	250	1	-14,22018734	-42,79702227
VS	70	1	-14,22453145	-42,91389648
VS	400	1	-14,20839666	-42,76413638
VS	250	1	-14,22155369	-42,78105516
VS	70	1	-14,24041349	-42,9856656

PL	45	1	-14,22294746	-42,99641483
VS	400	1	-14,19768747	-42,76588557
VS	70	1	-14,21191172	-42,79520464
VS	70	1	-14,31597693	-42,94284937
VS	70	1	-14,20101606	-42,80094948
VS	250	1	-14,22009085	-42,78521433
VS	250	1	-14,23456493	-42,76598524
PL	25	1	-14,08103729	-42,93529019
VS	250	1	-14,32231636	-42,98313617
VS	250	1	-14,21673821	-42,78746417
VS	250	1	-14,21830686	-42,7694339
VS	400	2	-14,21689668	-42,78326631
VS	70	1	-14,04387208	-42,87365612
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VS	250	1	-14,3224989	-42,95560321
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VS	70	1	-14,01287974	-42,91851973
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VS	250	1	-14,22340893	-42,78246382
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VS	250	1	-14,22340893	-42,78246382
VS	70	1	-14,30891927	-42,93783743
VM	125	1	-14,22475655	-42,7879768
VS	250	1	-14,22475655	-42,7879768

VS	70	1	-14,10451658	-42,86678604
VS	70	1	-14,19789953	-42,79890939
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VM	125	1	-14,22127929	-42,79741072
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VS	250	1	-14,22945612	-42,77734056
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VS	70	1	-14,24368769	-42,765914
VS	70	1	-14,29208425	-43,01460529
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ME	250	1	-14,21428702	-42,75876728
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ME	250	1	-14,21543593	-42,75912125
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VS	70	1	-14,20307441	-42,78240097
VS	250	1	-14,24225952	-42,76298943
VS	250	1	-14,21487208	-42,80214737
VS	70	1	-14,20826411	-42,79369983
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VS	250	1	-14,22257395	-42,77791024
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VS	250	1	-14,21319538	-42,79041106
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VS	250	1	-14,22806325	-42,77750264
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VS	250	1	-14,21369352	-42,77852867
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VS	250	1	-14,2143926	-42,79607772
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VS	70	2	-14,22782472	-42,79940494
VS	250	1	-14,21845081	-42,79991709
VS	250	1	-14,20140489	-42,75653219
VS	250	1	-14,13396875	-42,84990563
VS	250	1	-14,13396875	-42,84990563
VS	400	1	-14,21826256	-42,80134983
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ME	250	1	-14,21308343	-42,76269221
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VS	250	1	-14,21580844	-42,78975941
VS	250	1	-14,22794341	-42,61591197
VS	250	1	-14,22794341	-42,61591197
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VS	70	2	-14,26133545	-42,59867783
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VS	250	1	-14,22943224	-42,78188206
ME	250	1	-14,21422376	-42,75963936
VS	70	1	-14,2033954	-42,79374544
ME	250	1	-14,21634244	-42,75702867
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VS	250	1	-14,2080544	-42,76372746
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VS	70	1	-14,21082766	-42,7704382
VS	70	1	-14,20563592	-42,79013195
VS	70	1	-14,21506954	-42,78075768
VS	70	1	-14,29319111	-42,7664633
VS	250	1	-14,22653186	-42,62122957
VS	250	1	-14,22924503	-42,76713518
VS	70	1	-14,24480752	-42,76066214
VS	250	1	-14,22749729	-42,76244972
VS	250	1	-14,21705731	-42,77281251
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VS	250	1	-14,32375147	-42,98545269
VS	250	1	-14,32034801	-42,98602329
VS	250	1	-14,22032506	-42,79525272
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VS	250	1	-14,20291915	-42,7616715
ME	250	1	-14,21471095	-42,75993766
VS	70	1	-14,23045157	-42,60828772
VS	250	1	-14,2247701	-42,61684479
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VS	250	1	-14,20051942	-42,67556224
VS	150	1	-14,19887785	-42,78221346
VS	150	1	-14,1979178	-42,78165117
VS	150	1	-14,20036155	-42,78192357

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VS	250	1	-14,20104504	-42,75653452
VS	70	1	-14,22272815	-42,75822298
VS	70	1	-14,30212253	-43,03737798
VS	250	1	-14,21372419	-42,77186515
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VS	250	1	-14,21061571	-42,77555877
VS	250	1	-14,21187677	-42,7838978
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VS	250	1	-14,21593738	-42,78509445
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VS	250	1	-14,22600217	-42,78018344
VS	250	1	-14,22241019	-42,77382794
VS	70	1	-14,23984202	-42,7669021
VS	250	1	-14,20409488	-42,78149069
VS	250	1	-14,21666203	-42,80481089
VM	400	1	-14,2179624	-42,78361289
VS	250	1	-14,2179624	-42,78361289
VS	70	1	-14,21846612	-42,7760982
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VS	250	1	-14,24458964	-42,75810312
VS	250	1	-14,21017805	-42,77248335
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VS	250	1	-14,21384052	-42,79494668
VS	250	1	-14,22747006	-42,61855347
VS	70	1	-14,20671917	-42,75788872
VS	70	1	-14,27799857	-42,91023037
VS	150	1	-14,19950203	-42,78514398
VS	250	1	-14,22167307	-42,76853698
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VS	250	2	-14,23043155	-42,76647183
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VS	250	1	-14,22129288	-42,79082573
VM	125	1	-14,19708556	-42,64270557
VS	70	1	-14,20673173	-42,78908572
VS	70	1	-14,19866257	-42,7952603
VS	70	1	-14,20755708	-42,78604583
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VS	250	1	-14,19580253	-42,77283325
VS	70	1	-14,19585491	-42,7725732
VS	70	1	-14,21702841	-42,79342617
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VS	250	1	-14,23445486	-42,75949302
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VS	250	1	-14,19603367	-42,77402162
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VS	70	1	-14,15208226	-42,6267707
VS	250	2	-14,15151803	-42,62785963
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VS	70	1	-14,28447492	-42,99373671
VS	70	1	-14,15241707	-42,62690986
VM	125	1	-14,27261114	-42,97370236
VS	70	1	-14,2767331	-42,99296131
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VS	70	1	-14,27550762	-42,98099995
VS	70	1	-14,32914458	-42,97462776
VM	125	1	-14,15435558	-42,62970331
VS	70	1	-14,27064494	-42,97645057

VS	70	1	-14,27708413	-42,97553726
VM	125	1	-14,28164311	-42,9967233
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VS	70	1	-14,28576174	-42,99580008
VS	70	1	-14,27915915	-42,98948674
PL	30	1	-14,15282818	-42,62964213
VS	250	1	-14,15063774	-42,62841575
VS	70	1	-14,32988579	-42,97260526
VS	70	1	-14,27636905	-42,97280787
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VM	125	1	-14,15822946	-42,62851263
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VS	250	1	-14,16401003	-42,62872447
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VS	70	1	-14,27550585	-42,98278932
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VS	70	1	-14,28219967	-42,98921355
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MT	160	1	-14,24184847	-42,64156185
VS	70	1	-14,21179136	-42,74272045
VS	70	1	-14,27209628	-42,6298353
VS	70	1	-14,26131084	-42,62589478
VM	80	1	-14,22923306	-42,65143705
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VS	70	1	-14,18665601	-42,68537635
VS	70	2	-14,18174067	-42,68231866
VS	250	1	-14,20182312	-42,67599658
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VM	400	1	-14,15625294	-42,70619993
VS	70	1	-14,22331806	-42,73219524
VM	250	1	-14,19412606	-42,65528741
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VS	250	1	-14,25274389	-42,66447947
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MT	160	1	-14,25124285	-42,64809566
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VS	250	1	-14,22387628	-42,79464229
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VM	125	1	-14,29267729	-42,82817973
PL	25	1	-14,13959419	-42,75229761
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VS	70	1	-14,13622826	-42,73857463
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VS	70	1	-14,28538679	-42,82220733
VS	250	1	-14,22440484	-42,79300531

VS	70	1	-14,29585374	-42,82958544
VS	250	1	-14,22607917	-42,78975795
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VS	400	1	-14,22467379	-42,79369211
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PL	45	1	-14,14713564	-42,78304583
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VS	400	1	-14,22418064	-42,79517331
VS	70	1	-14,29858777	-42,82713737
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VS	250	1	-14,22353499	-42,79357692
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VS	250	1	-14,28621302	-42,82394284
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PL	30	1	-14,16301325	-42,88943904
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VS	70	1	-14,16124061	-42,87575601
VS	70	1	-14,15791804	-42,8833079
VS	70	1	-14,16070342	-42,87574988
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ME	400	1	-14,1578538	-42,87410606
VS	70	1	-14,19634799	-42,77269396
VS	70	1	-14,1651583	-42,8868777
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VS	70	1	-14,22276174	-42,76633563
VS	70	1	-14,31852289	-43,02239119
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MT	250	1	-14,21293441	-42,7631527
VS	70	1	-14,27560709	-42,93680762
VS	70	1	-14,22026776	-42,78640126
VS	250	1	-14,21896218	-42,79569265
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VS	70	1	-14,25773282	-43,00580844
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VS	400	1	-14,21038355	-42,78708077
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VS	70	1	-14,18365248	-42,94090419
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VS	250	1	-14,20998454	-42,79018409
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VS	250	1	-14,21654432	-42,77487754
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VS	250	1	-14,24192004	-42,75602721
VS	250	1	-14,22368745	-42,77746916
VS	70	1	-14,22803485	-42,75537862
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VS	250	1	-14,21348719	-42,76360284
VS	250	1	-14,22860992	-42,77898746
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VM	125	1	-14,17492205	-42,79659103
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ME	400	1	-14,22457422	-42,76337372
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VS	250	1	-14,23017994	-42,75963058
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VS	250	1	-14,21259041	-42,77203749
ME	400	1	-14,22375844	-42,76486829
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VS	400	2	-14,28602048	-42,71585484
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VS	250	1	-14,18542706	-42,95681363
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VS	250	1	-14,08679364	-42,82124376
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VS	70	1	-14,28544843	-42,71666887
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VM	125	1	-14,14300003	-42,65457043
VS	70	1	-14,15081808	-42,63882278
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VM	125	1	-14,14641017	-42,67041465
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VS	70	1	-14,1702418	-42,64459428
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LED	50	1	-14,15830806	-42,66414867
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VS	250	1	-14,18017526	-42,63555943
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VM	125	1	-14,16678545	-42,64553895
VS	250	1	-14,18347726	-42,64163843
VS	70	1	-14,22447043	-42,7891731
VS	250	1	-14,22222398	-42,77587688
VS	70	1	-14,31578491	-42,88388509
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VS	70	1	-14,22642469	-42,80024511
VS	70	1	-14,2166492	-42,78986122
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VS	250	1	-14,19848228	-42,75437137
VS	250	1	-14,19868789	-42,75468195
VS	250	1	-14,19691185	-42,75404599
VS	250	1	-14,22661171	-42,61972678
VS	70	1	-14,26106493	-42,59838974
VS	250	1	-14,23450084	-42,76744513
VS	70	1	-14,20689307	-42,76781653
VS	250	1	-14,2187817	-42,78195968
VS	400	1	-14,18427481	-42,88328702
VS	250	1	-14,21686879	-42,78495957
VS	70	1	-14,22380911	-42,75648607
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VS	70	1	-14,22983467	-42,75053953
VS	250	1	-14,21911845	-42,76649548
VS	250	1	-14,19771759	-42,79824318
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VS	250	1	-14,3233957	-42,9862207
VS	250	1	-14,23560316	-42,77484971
VS	70	1	-14,22617647	-42,78492945
VS	250	1	-14,21595377	-42,78130752
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VS	70	3	-14,19015766	-42,76615064
VS	70	1	-14,31764838	-42,98416712
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VS	70	1	-14,2305859	-42,75492366
VS	70	1	-14,22899369	-42,76301706
VS	100	1	-14,2055339	-42,80622225
VS	70	1	-14,1138732	-42,86232829
VS	250	1	-14,22182035	-42,78165203
VM	125	1	-14,20426333	-42,77582743
VS	250	1	-14,2202948	-42,79687176
VS	250	1	-14,20634235	-42,79323032
VS	250	1	-14,2224786	-42,7739215
VS	70	1	-14,11555446	-42,85805871
VS	250	1	-14,22278641	-42,7747148
VS	250	2	-14,23134942	-42,77933783
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ME	250	1	-14,21284887	-42,76006426
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VS	250	1	-14,2168296	-42,78716791
VS	400	1	-14,20897863	-42,76591774
VS	150	1	-14,19919649	-42,7814867
VS	150	1	-14,20034344	-42,78223406
VS	250	1	-14,20821273	-42,75647554
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VS	250	1	-14,21783178	-42,77932133
VS	250	1	-14,23510993	-42,74996391
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VS	250	1	-14,19970597	-42,78330577
VM	125	1	-14,08341562	-42,89586685
VS	70	1	-14,19857303	-42,76057077
VS	250	1	-14,22296634	-42,87585089
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VS	70	1	-14,24358065	-42,75980528
VS	250	1	-14,2105911	-42,77109533
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VS	250	1	-14,21728417	-42,78089502
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VS	250	1	-14,22682164	-42,76752852

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VS	70	1	-14,19592217	-42,78321716
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VS	250	1	-14,22645965	-42,78679338
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VS	250	1	-14,19556876	-42,77089256
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VS	250	1	-14,21849218	-42,79020431
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VS	250	1	-14,32333141	-42,97990626
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VS	250	2	-14,20904473	-42,76676021
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VS	250	1	-14,21749313	-42,74659864
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VS	70	1	-14,32409127	-42,98417464
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VS	250	1	-14,21691349	-42,80001365
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VS	250	1	-14,19380793	-42,76992867
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VS	400	2	-14,22030325	-42,7811
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VM	125	1	-14,23342621	-42,76324269
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VS	250	1	-14,24357563	-42,76138101
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VS	250	1	-14,20371028	-42,78184942
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VS	70	1	-14,23903369	-42,98483473
VS	400	1	-14,22120921	-42,79838817
VS	70	1	-14,21989918	-42,79292902
VS	70	1	-14,29682025	-43,04461266
VM	80	1	-14,22475926	-42,78699141
VS	70	1	-14,22712789	-42,79992717
VS	250	1	-14,20193923	-42,78153752
VS	250	1	-14,2127838	-42,78850704
VS	250	1	-14,21378436	-42,78199582
VS	250	1	-14,22059402	-42,78065612
VS	70	1	-14,21791525	-42,78813164
VS	70	1	-14,2188846	-42,77530257
VS	250	1	-14,22413785	-42,78625706
VS	70	1	-14,31610833	-42,94322746
VS	250	1	-14,23421426	-42,76538159
VS	70	1	-14,11860865	-42,90469512
VS	250	1	-14,22197128	-42,77973402
VS	70	1	-14,34541392	-42,97643204
VM	125	1	-14,32038263	-42,65000875
VS	70	1	-14,20172586	-42,7974401
VS	70	1	-14,20972105	-42,78783844
VS	70	1	-14,19942831	-42,79990597
VM	125	1	-14,21777135	-42,78946037
VS	250	1	-14,22439738	-42,78133778

VS	250	1	-14,22289369	-42,78243424
VS	250	1	-14,23629954	-42,77703554
VS	70	1	-14,2247158	-42,75567347
VS	70	1	-14,23029844	-42,75488025
VS	70	1	-14,3152821	-42,94124164
VS	70	1	-14,31746657	-42,95043411
VS	250	1	-14,21443693	-42,79980356
VS	250	1	-14,23438918	-42,77838624
VS	400	1	-14,22468126	-42,79416482
VS	70	1	-14,21037468	-42,75392517
ME	250	1	-14,21380625	-42,7591819
VS	250	1	-14,21981975	-42,77965251
VS	250	1	-14,22226923	-42,78992602
VS	250	1	-14,19128938	-42,75873702
ME	250	1	-14,21842234	-42,75888893
VS	70	1	-14,22663613	-42,60111996
VS	250	1	-14,21704651	-42,78510365
VS	70	1	-14,0541831	-42,89720013
VM	125	1	-14,29670049	-43,045122
VS	70	1	-14,21145996	-42,77714904
VM	125	1	-14,33819852	-42,91540562
VS	70	1	-14,21337898	-42,79347287
VS	70	1	-14,22763167	-42,7532434
VS	250	1	-14,23239518	-42,75095431
VS	250	1	-14,21303194	-42,77064871
VS	250	1	-14,21464588	-42,78312882
ME	250	1	-14,21419734	-42,78871063
VS	250	1	-14,21462562	-42,76989413
VS	250	1	-14,23492688	-42,78260536
VS	250	1	-14,32465151	-42,98282179
VS	70	1	-14,23041616	-42,76509938
VS	70	1	-14,20284847	-42,79931502
VS	70	1	-14,20280699	-42,79890498
VS	70	1	-14,2022112	-42,79846454
VS	250	1	-14,23711284	-42,76369514
VS	400	2	-14,21262789	-42,78917378
VS	250	1	-14,21335944	-42,78392144
VS	70	1	-14,21853028	-42,79507018
VS	250	2	-14,23342324	-42,77515743
VS	250	1	-14,21729684	-42,78895232
VS	250	1	-14,22110128	-42,77759009
ME	250	1	-14,21289665	-42,76155525
VS	250	1	-14,21774814	-42,78001614
VS	250	1	-14,21816357	-42,79929513
VS	70	1	-14,20611729	-42,76726518
VM	125	1	-14,34973987	-42,97532874
VS	250	1	-14,22781457	-42,78442533
VS	250	2	-14,21932711	-42,78376587
VS	250	1	-14,23488123	-42,77443016
VS	70	1	-14,24111861	-42,76400603
VS	250	1	-14,21259539	-42,78531825
VS	250	1	-14,20709338	-42,76027852
VS	250	1	-14,17697379	-42,73277502
VS	70	1	-14,24464422	-42,76366481
VS	250	1	-14,22383931	-42,77366661
VS	250	1	-14,21268996	-42,77541337
VS	250	1	-14,23122713	-42,75802365
VS	70	1	-14,2884782	-42,96431255
VS	250	1	-14,20928424	-42,7768888
VS	250	1	-14,22032759	-42,79563254
VS	250	1	-14,25719884	-42,83064362
VM	125	1	-14,34066636	-42,91077925

VS	70	1	-14,30241541	-43,03655421
VS	250	1	-14,22425016	-42,77312989
VS	250	1	-14,21590584	-42,7900515
VS	70	1	-14,20612838	-42,7660064
VS	250	2	-14,22355602	-42,76282997
VS	70	1	-14,24744114	-42,98920038
VM	125	1	-14,25092205	-42,98927381
VS	250	1	-14,22010514	-42,77530672
VS	250	1	-14,19478418	-42,75910477
VS	250	1	-14,1932259	-42,75882992
VS	250	1	-14,19733361	-42,75993063
VS	70	1	-14,34186589	-42,99268092
VM	125	1	-14,32771581	-42,88909749
VS	70	1	-14,25166969	-42,59888409
VS	250	1	-14,22848735	-42,61674883
VS	70	1	-14,16399059	-42,61845551

Lagoa Real

Tipo_Lampada	Potencia_Lampada	Qtd_Lampada	LAT	LONG
VS	70	1	-14,14509331	-42,06089871
VS	70	1	-14,14969398	-42,04684127
VS	70	1	-14,13604264	-42,059627
VS	70	1	-14,12402197	-42,13623619
VS	70	1	-14,13272202	-42,1332208
VS	70	1	-14,13103152	-42,13258979
VS	70	1	-14,14780612	-42,05997281
VS	70	1	-14,14277888	-42,04823867
VS	70	1	-14,1207936	-42,13691989
VS	70	1	-14,15141797	-42,0399126
VS	70	1	-14,14653445	-42,04495245
LD	15	1	-14,14108113	-42,06542508
VS	70	1	-14,13609085	-42,04580291
VS	70	1	-14,15030159	-42,06039969
LD	9	1	-14,12097064	-42,05568563
VS	70	1	-14,12615191	-42,08583543
VS	70	1	-14,14501075	-42,06545749
VS	70	1	-14,11349557	-42,13893526
VS	70	1	-14,14075651	-42,06478343
VS	70	1	-14,14077774	-42,06552784
VS	250	1	-14,11226551	-42,04466807
MV	250	1	-14,12080814	-42,05455528
VS	70	1	-14,1459251	-42,06119543
VS	70	1	-14,11505103	-42,13852855
VS	70	1	-14,11902882	-42,13970755
VS	70	1	-14,13525657	-42,05721779
VS	70	1	-14,14666571	-42,04510184
MV	400	1	-14,13198929	-42,13383189
VS	70	1	-14,14424129	-42,06870031
VS	70	1	-14,141217	-42,04904688
VS	400	1	-14,13274168	-42,06222047
MV	400	1	-14,12945209	-42,12718728
LD	8	1	-14,12608678	-42,09088488
VS	70	1	-14,15145885	-42,06082622
FL	20	1	-14,12021999	-42,05642664
LD	12	1	-14,1492801	-42,05939869
VS	70	1	-14,14594632	-42,05983354
VS	70	1	-14,12907245	-42,12695544
VS	150	1	-14,13390103	-42,05058353
VS	70	1	-14,1165808	-42,13557403
VS	70	1	-14,13087393	-42,07964796
VS	70	1	-14,14691374	-42,04506482
VS	70	1	-14,14027272	-42,06565075

VS	70	1	-14,13015734	-42,0862909
MV	250	1	-14,13428089	-42,05350212
VS	70	1	-14,15327601	-42,06191084
VS	70	1	-14,14434988	-42,06836677
VS	70	1	-14,1316815	-42,13448028
VS	70	1	-14,13297785	-42,05784728
LD	12	1	-14,15297833	-42,05909384
VS	70	1	-14,13498776	-42,04564518
VS	70	1	-14,14055426	-42,0683413
VS	70	1	-14,14489432	-42,0611581
VS	70	1	-14,14026775	-42,06760525
VS	70	1	-14,14558145	-42,06139919
VS	70	1	-14,15302335	-42,05984441
VS	70	1	-14,14969086	-42,06512419
VS	70	1	-14,13211617	-42,13329458
VS	70	1	-14,1325391	-42,13694536
VS	70	1	-14,12817753	-42,12651022
VS	70	1	-14,13376557	-42,05318698
FL	30	1	-13,94309199	-42,3259037
MT	160	1	-13,95406776	-42,35280427
FL	45	1	-13,94760446	-42,35161878
VS	70	1	-13,94527512	-42,32288873
FL	30	1	-13,95205315	-42,35158844
VS	70	1	-14,1816977	-42,26048878
VS	70	1	-14,17538914	-42,25805365
VS	70	1	-14,1819686	-42,26081344
VS	70	1	-14,17922177	-42,25907736
VS	70	1	-14,1286747	-42,12676992
VS	70	1	-14,125643	-42,09278404
VS	70	1	-14,13290335	-42,05858414
VS	70	1	-14,13948589	-42,06630839
VS	70	1	-14,15262526	-42,06084506
VS	70	1	-14,14972301	-42,05999183
VS	70	1	-14,13187395	-42,06104355
VS	70	1	-14,13637739	-42,05883952
VS	70	1	-14,1394571	-42,06675749
VS	70	1	-14,13224838	-42,07943533
VS	70	1	-14,13662431	-42,04589566
VS	400	1	-14,13110188	-42,13613843
VS	70	1	-14,14456721	-42,06720861
VS	70	1	-14,15285147	-42,06019648
VS	70	1	-14,14900892	-42,05909285
VS	70	1	-14,14439529	-42,06260381
VS	70	1	-14,14729382	-42,04576799
VS	70	1	-14,13123726	-42,13658324
VS	70	1	-14,13959001	-42,046202
VS	70	1	-14,14485645	-42,06759785
VS	70	1	-14,12026905	-42,13712341
LD	9	1	-14,1221914	-42,05527826
VS	70	1	-14,14052183	-42,05049181
VS	70	1	-14,12727167	-42,08981058
VS	70	1	-14,11141586	-42,13904519
VS	70	1	-14,14368244	-42,06288818
VS	70	1	-14,15180198	-42,06017101
VS	70	1	-14,14245584	-42,04859312
FL	20	1	-14,12102479	-42,05611183
VS	70	1	-14,11242848	-42,1391755
VS	70	1	-14,13613343	-42,05810749
VS	70	1	-14,15214598	-42,06107659
VM	80	1	-14,1471673	-42,04539733
VS	70	1	-14,11402914	-42,13877809
MT	160	1	-14,14785488	-42,04323849

VS	70	1	-14,15201497	-42,03846718
VS	70	1	-14,15037785	-42,04170078
VS	70	1	-14,14702261	-42,04550849
VS	70	1	-14,13489417	-42,0602197
VS	70	1	-14,15303194	-42,06167912
VS	70	1	-14,12688274	-42,09017177
LD	12	1	-14,14674823	-42,05993548
VS	70	1	-14,13170587	-42,13933531
VS	70	1	-14,14507679	-42,06187977
VS	70	1	-14,1527429	-42,06047444
ME	400	1	-14,14970868	-42,04206204
VS	70	1	-14,14970868	-42,04206204
VS	70	1	-14,13990178	-42,06643823
ME	250	1	-14,12178458	-42,05497242
VS	70	1	-14,13051191	-42,08069481
VS	70	1	-14,15271553	-42,06143811
VS	70	1	-14,13724439	-42,06291657
MV	70	1	-14,12920752	-42,08743943
VS	70	1	-14,11741101	-42,13848364
VS	70	1	-14,13554584	-42,05753288
VS	70	1	-14,12678429	-42,05712309
VS	70	1	-14,13068388	-42,08016675
VS	70	1	-14,134234	-42,06065501
VS	70	1	-14,13988751	-42,06705244
VS	70	1	-14,1528336	-42,05934399
VS	70	1	-14,11655218	-42,13821445
VS	70	1	-13,9481591	-42,16126243
VS	70	1	-13,95505219	-42,15326142
MV	400	1	-14,03616404	-42,14872302
VS	70	1	-14,03221546	-42,1435216
VS	70	1	-14,09914652	-42,1379447
LD	15	1	-14,1576599	-42,14531001
VS	70	1	-14,18856888	-42,34689739
VS	400	1	-14,03916545	-42,14229075
VS	70	1	-13,94049413	-42,32120652
VS	70	1	-14,03570066	-42,13820945
VS	70	1	-14,03329964	-42,14300872
VS	250	1	-14,04093606	-42,28188169
VS	70	1	-14,1077681	-42,12969531
VS	250	1	-14,03276662	-42,14222119
VS	70	1	-14,03233185	-42,14886542
VS	400	1	-14,03905359	-42,14963286
VS	70	1	-14,03519884	-42,14238011
VS	70	1	-14,16557872	-42,032446
VS	70	1	-14,12520747	-42,02399089
VS	70	1	-14,15250762	-42,06122494
VS	70	1	-14,13470284	-42,05983894
VS	70	1	-14,1559473	-42,18039016
VS	400	1	-14,1559473	-42,18039016
VS	70	1	-14,03412164	-42,14025518
VS	400	1	-14,03937951	-42,14223772
VS	400	1	-14,03458473	-42,14141628
VS	70	1	-14,03600809	-42,13596345
VS	70	1	-14,03378712	-42,14432413
LD	40	1	-14,04109308	-42,28678124
VS	70	1	-13,89937369	-42,1634108
VS	400	1	-14,03533427	-42,1427136
FL	30	1	-13,94718149	-42,31010639
FL	30	1	-14,09953055	-42,33891836
VS	70	1	-14,10897653	-42,13552327
VS	70	1	-14,03647597	-42,13491783
VS	70	1	-14,03565934	-42,14346398

VS	70	1	-13,94045851	-42,32078989
VS	70	1	-13,98557794	-42,31388891
VS	70	1	-14,03648246	-42,13528338
ME	250	1	-14,06819011	-42,12384952
VS	70	1	-14,034194	-42,14435217
VS	70	1	-14,15400371	-42,17993404
VS	70	1	-14,03407982	-42,13861006
VS	70	1	-14,03129914	-42,14353326
ME	250	1	-14,03316013	-42,1452646
VS	70	2	-14,03316013	-42,1452646
VS	70	1	-14,16919617	-42,32478553
VS	400	1	-14,03246815	-42,14235992
VS	400	1	-14,03839061	-42,14249319
VS	70	1	-14,03785702	-42,1426781
VS	400	1	-14,03827395	-42,142521
VS	70	1	-13,88599305	-42,16087482
VS	70	1	-14,16354197	-42,18112816
VS	70	1	-14,18611067	-42,34610594
MV	70	1	-14,12406859	-42,01932122
VS	70	1	-14,03262459	-42,14477157
VS	250	1	-14,04470365	-42,13674465
VS	70	1	-14,03491939	-42,14091664
VS	70	1	-14,03294027	-42,14398279
VS	250	1	-14,04051276	-42,14174273
VS	250	1	-14,04230816	-42,1395551
VS	70	1	-14,1240595	-42,01989565
VS	70	1	-14,03526455	-42,13822178
VS	70	1	-14,13357083	-42,13526893
VS	70	1	-14,15221951	-42,05612848
VS	70	1	-14,13142614	-42,07766538
LD	15	1	-14,13860952	-42,06369525
VS	70	1	-14,14972421	-42,04809813
VS	70	1	-14,11646295	-42,13612058
VS	70	1	-14,15215594	-42,06031111
VS	70	1	-14,13660569	-42,05810686
VS	70	1	-14,13025404	-42,13235772
VS	70	1	-14,14695953	-42,04436877
VS	70	1	-14,14840334	-42,05811977
VS	150	1	-14,13839257	-42,06347281
VS	70	1	-14,14512901	-42,06273336
VS	70	1	-14,14940123	-42,04223804
LD	40	1	-14,13389248	-42,05167675
VS	70	1	-14,13897103	-42,06434394
VS	70	1	-14,14676054	-42,04469304
VS	70	1	-14,15224673	-42,05572078
VS	70	1	-14,14911448	-42,0600066
VS	70	1	-14,1343337	-42,0596729
VS	70	1	-14,14999421	-42,06023282
VS	70	1	-14,15273396	-42,0600482
VS	70	1	-14,15286968	-42,05970538
VS	70	1	-14,1318354	-42,13413756
VS	70	1	-14,12441067	-42,13641245
VS	70	1	-14,14502691	-42,06655633
VS	70	1	-14,15182062	-42,06049274
VS	400	1	-14,15182062	-42,06049274
LD	12	1	-14,1473394	-42,04372949
LD	15	1	-14,13151538	-42,04707137
VS	70	1	-14,13694716	-42,05827447
VS	70	1	-14,1403025	-42,04673973
LD	15	1	-14,1337306	-42,05008325
VS	70	1	-14,14490235	-42,06507756
VS	70	1	-14,13938519	-42,06717423

VS	70	1	-14,15296014	-42,05952935
VS	70	1	-14,12480839	-42,13664431
VS	70	1	-14,13138078	-42,07811009
VS	70	1	-14,12129101	-42,13673489
VS	70	1	-14,13928724	-42,13185326
VS	70	1	-14,12688317	-42,05952278
VS	70	1	-14,1408123	-42,04986885
VS	70	1	-14,1470681	-42,04397962
VS	70	1	-14,15206026	-42,03795755
VS	70	1	-14,11911145	-42,13753038
VS	70	1	-14,13444541	-42,06096258
VS	70	1	-14,14621794	-42,04515624
VS	70	1	-14,12793198	-42,08916228
VS	70	1	-14,11697709	-42,13831661
VS	70	1	-14,13770975	-42,13223688
VS	70	1	-14,13913544	-42,05777466
VS	70	1	-14,14774631	-42,04363691
VS	70	1	-14,13258873	-42,05916287
VS	70	1	-14,11191312	-42,13911961
VS	70	1	-14,12114221	-42,05666775
VS	70	1	-14,15345677	-42,0622352
VS	70	1	-14,13524744	-42,05757914
VS	70	1	-14,14006646	-42,06670049
VS	70	1	-14,15096574	-42,04070014
VS	70	1	-14,14822493	-42,04688935
VS	70	1	-14,1282938	-42,08876401
VS	70	1	-14,09516261	-42,30277252
VS	70	1	-14,07374933	-42,21079186
MV	250	1	-14,10458203	-42,1647307
VS	70	1	-14,10458203	-42,1647307
VS	250	1	-13,99140651	-42,20746716
VS	70	1	-14,10932086	-42,2395344
VS	70	1	-14,11447425	-42,1643023
VS	70	1	-14,03340852	-42,14984244
VS	70	1	-13,97752712	-42,20732523
VS	70	1	-14,03372837	-42,15007631
VS	70	1	-14,11455531	-42,16476558
VS	70	1	-13,99795302	-42,20736185
FL	30	2	-14,07019565	-42,33121782
MV	250	1	-14,0357404	-42,14906116
VS	250	1	-14,11474611	-42,16342235
VS	70	1	-14,09932192	-42,1471532
VS	70	1	-14,10306499	-42,16175584
MV	250	1	-14,03579824	-42,14954742
MV	250	1	-14,03550974	-42,15209579
VS	70	1	-14,09398475	-42,30468855
VS	70	1	-14,10596094	-42,17123517
VS	70	1	-14,08007509	-42,32112149
VS	70	1	-14,05794511	-42,25647751
VS	70	1	-14,09763625	-42,22312526
VS	70	1	-14,11318261	-42,16230024
VS	70	1	-14,03488727	-42,14952054
VS	70	1	-14,01848954	-42,19392432
VS	70	1	-14,10130441	-42,15781739
VS	400	1	-14,10130441	-42,15781739
VS	70	1	-14,02719148	-42,21130797
VS	70	1	-14,03327944	-42,14845362
VS	70	1	-14,01718703	-42,19450665
VS	70	1	-14,10304806	-42,16002344
VS	70	1	-13,99906485	-42,19688986
VS	400	1	-14,14718248	-42,14161338
VS	70	1	-14,11015293	-42,23932218

MV	70	1	-14,10596172	-42,17012346
MV	250	2	-14,03522224	-42,1520355
FL	45	1	-14,12501793	-42,17610412
VS	400	1	-14,12501793	-42,17610412
VS	70	1	-14,03689389	-42,24920257
VS	70	1	-14,10437332	-42,16582372
VS	70	1	-14,03420077	-42,14868713
VS	70	1	-14,10417093	-42,19477405
VS	70	1	-14,03268268	-42,14857003
VS	70	1	-13,98891042	-42,20804829
ME	250	1	-14,16471612	-42,30742301
VS	70	1	-14,07123865	-42,24599748
VS	70	1	-14,03369795	-42,14926435
VS	70	1	-14,03432074	-42,14900395
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VS	70	1	-14,09435692	-42,30354035
VS	70	1	-14,09897527	-42,19040636
VS	70	1	-13,97890152	-42,20730793
VS	70	1	-13,98288319	-42,23374665
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VS	70	1	-14,01659001	-42,19481176
MV	400	1	-14,09475456	-42,30369835
VS	70	1	-14,09475456	-42,30369835
VS	70	1	-14,10306782	-42,19476386
VS	70	1	-13,9835387	-42,17446928
VS	70	1	-14,02973025	-42,17434503
VS	70	1	-14,03851372	-42,15001141
MV	400	1	-14,12740165	-42,15515587
LD	100	1	-14,04630604	-42,13744032
LD	100	1	-14,04723305	-42,13612679
VS	70	1	-14,03648691	-42,15634873
LD	100	1	-14,04748996	-42,13846548
VS	70	1	-14,0357914	-42,15717901
VS	70	1	-14,14991528	-42,28542751
VS	70	1	-14,130247	-42,08484963
LD	100	1	-14,04604215	-42,13527827
VS	70	1	-14,03544902	-42,15515044
LD	100	1	-14,04701336	-42,13940129
VS	70	1	-14,14047571	-42,12644558
VS	100	1	-14,04653941	-42,13680778
VS	70	1	-14,03853042	-42,14260896
FL	40	1	-13,90497901	-42,30192696
VM	125	1	-14,15035823	-42,28482272
MV	250	1	-14,08245758	-42,13578396
LD	100	1	-14,04806966	-42,13828633
VS	70	1	-14,1447827	-42,25824039
VS	400	1	-14,03575793	-42,14264348
VS	70	1	-14,03568748	-42,15568063
VS	100	1	-14,04745038	-42,13779193
LD	100	1	-14,04622657	-42,13583075
VS	70	1	-14,02681738	-42,14258884
VS	100	1	-14,04840678	-42,13870072
VS	70	1	-14,1295465	-42,1318682
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LD	100	1	-14,04598201	-42,13594472
VS	70	1	-13,98947754	-42,16026316
VS	100	1	-14,04628823	-42,13664592
VS	70	1	-14,13012246	-42,08442218
VS	400	1	-14,1641255	-42,11980273
VS	70	1	-14,1264198	-42,15286072
VS	70	1	-14,03765936	-42,15041762
VS	70	1	-14,02722412	-42,15028411

VS	70	1	-14,14921138	-42,2835704
VS	70	1	-14,03637846	-42,15612305
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LD	100	1	-14,04567394	-42,13738938
MV	250	1	-14,12578565	-42,1551773
MV	400	1	-14,12578565	-42,1551773
VS	250	1	-14,12638588	-42,15358624
VS	70	1	-14,12919404	-42,12904518
LD	100	1	-14,04624085	-42,13503082
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VS	70	1	-14,03762432	-42,15135514
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VS	400	1	-14,16364018	-42,12006723
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VS	70	1	-13,9937791	-42,16069547
VS	70	1	-14,03625817	-42,15589384
LD	100	1	-14,04570775	-42,13692631
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LD	100	1	-14,04676994	-42,13831306
VS	70	1	-14,03595402	-42,15557763
VS	70	1	-14,03571043	-42,15583975
FL	25	1	-13,9044022	-42,30252379
VS	70	1	-14,03071139	-42,14217669
MV	250	1	-14,03551772	-42,15320689
VS	70	1	-14,03535518	-42,15625045
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VS	400	1	-14,03474568	-42,14141785
VS	70	1	-14,03500025	-42,14180578
VS	70	1	-13,95461509	-42,15313171
VS	400	1	-14,0394854	-42,1422124
VS	70	1	-14,03524663	-42,13794393
VS	70	1	-14,16944604	-42,32722302
VS	70	3	-14,03394056	-42,14357424
VS	70	1	-14,03311534	-42,14440355
VS	250	1	-14,03771263	-42,14219641
VS	70	1	-14,03408004	-42,13823034
VS	70	1	-14,03626109	-42,13820172
FL	40	1	-13,91401815	-42,35633544
VS	70	1	-14,03679861	-42,14350172
VS	250	1	-14,04374827	-42,13785726
VS	70	1	-14,16521708	-42,03216795
VS	70	1	-14,03483015	-42,13842259
MT	160	1	-13,97820954	-42,27591697
VS	70	1	-14,15062705	-42,06062216
VS	70	1	-14,18705934	-42,34659854
FL	30	1	-14,03494618	-42,15615163
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VS	70	1	-14,03718742	-42,14350196
VS	400	1	-14,00393165	-42,19132753
VS	70	1	-14,03506888	-42,14469418
VS	250	1	-14,03499086	-42,14239851
VS	70	1	-14,03780262	-42,1433812
VS	70	1	-14,03327297	-42,14223076
FL	40	1	-13,91519801	-42,35529626
VS	70	1	-14,14083816	-42,06842579
VS	400	1	-14,13250681	-42,05289975
VS	70	1	-13,89892159	-42,16339198
VS	70	1	-14,03660939	-42,14193587
VS	70	1	-14,16277925	-42,1118694
FL	45	1	-13,94943979	-42,34405948

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VS	70	1	-14,03732379	-42,14226101
VS	70	1	-13,92916179	-42,31907063
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VS	70	1	-14,03860575	-42,1445605
VS	70	1	-13,89786078	-42,1676397
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VS	70	1	-14,03600722	-42,13526486
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FL	45	1	-13,94042508	-42,28041995
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VS	70	1	-13,98318563	-42,17506161
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VS	250	1	-14,03830897	-42,14474369
VS	70	1	-14,0944567	-42,3032811
VS	70	1	-13,97743699	-42,20698256
VS	70	1	-14,09692171	-42,22336544
MV	70	1	-14,09925801	-42,14961784
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VS	70	1	-14,10376207	-42,16048714
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FL	30	1	-14,07508771	-42,32888761
VS	70	1	-14,07944447	-42,31936989
VS	70	1	-13,99019466	-42,20772535
VS	70	1	-13,9829052	-42,20957999
VS	70	1	-14,02838386	-42,23247721
VS	70	1	-14,09266167	-42,3070305
FL	30	1	-14,00507534	-42,19992301
VS	70	1	-14,00507534	-42,19992301
VS	70	1	-14,08502857	-42,31538513
MV	250	1	-14,09997463	-42,15653953
VS	70	1	-14,09451957	-42,30362393
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VS	70	1	-14,0188061	-42,19381345
VS	70	1	-14,11331703	-42,16408839
VS	70	1	-14,10103311	-42,15789132
VS	70	1	-14,03484955	-42,14925619
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VS	250	1	-14,01422107	-42,18898963
FL	30	1	-14,12503241	-42,16846051
VS	70	1	-14,07635935	-42,21435123

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VS	70	1	-14,0637668	-42,35130431
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VS	70	1	-13,98372915	-42,17367312
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VS	70	1	-13,98291397	-42,17561697
VS	150	1	-14,09797159	-42,19043333
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VS	400	1	-14,16529472	-42,30748865
VS	70	1	-14,06807767	-42,25119047
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MV	250	1	-14,10346317	-42,16125585
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LD	100	1	-14,04739438	-42,13832566
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LD	100	1	-14,04578658	-42,13791367
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LD	100	1	-14,04678122	-42,13961436
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LD	100	1	-14,04683006	-42,1378475
LD	100	1	-14,04728144	-42,1391098
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VS	70	1	-14,14244802	-42,12171446
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VM	125	1	-14,14985261	-42,28421054
MV	250	1	-14,133245	-42,13323268
LD	100	1	-14,04608772	-42,13768137
LD	100	1	-14,04745866	-42,13880111
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VS	70	1	-14,17219392	-42,22543069
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VS	70	1	-14,03678085	-42,14295529
FL	40	1	-14,1479718	-42,04663912
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VS	400	1	-14,03822104	-42,14131382
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VS	70	1	-14,12508095	-42,02328673
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FL	45	1	-13,91432322	-42,2462301
VS	250	1	-14,04328046	-42,13844436
VS	70	1	-14,03416083	-42,13924914
VS	250	1	-14,1936318	-42,22572981
VS	70	1	-14,03604016	-42,13778121
VS	70	1	-14,03493718	-42,14141677
VS	400	1	-14,03879603	-42,14160924
VS	70	1	-14,03387735	-42,14359578
VS	70	1	-14,03832894	-42,1438647
VS	70	1	-14,03519518	-42,1482923
VS	70	1	-14,03379438	-42,14323111
VS	70	1	-14,0354793	-42,14210244
VS	70	1	-14,03352727	-42,14031382
VS	70	10	-14,03589587	-42,14102837
VS	70	1	-14,03184287	-42,14468412
FL	45	1	-13,92502979	-42,32873835

VS	70	1	-14,03526494	-42,13753644
VS	250	1	-14,04092239	-42,14062723
VS	70	1	-13,98770672	-42,16193504
FL	30	1	-13,9950293	-42,29003015
VS	70	1	-14,1929846	-42,22581388
VS	70	1	-13,98032441	-42,20340182
MV	70	1	-14,09443935	-42,30269746
VS	70	1	-14,11094647	-42,1663565
VS	150	1	-14,10335526	-42,16037568
VS	70	1	-14,03368947	-42,1482104
VS	70	1	-14,03934427	-42,24920519
MV	70	1	-14,09520711	-42,30333766
VS	70	1	-13,98767983	-42,16158317
FL	30	1	-14,06946683	-42,33203912
VS	70	1	-14,10966355	-42,24044266
VS	70	1	-14,08045935	-42,3177132
VS	70	1	-14,10434006	-42,16153439
VS	70	1	-14,08414197	-42,31576371
VS	70	1	-14,11036784	-42,24143468
VS	70	1	-14,10953919	-42,2381913
MV	250	1	-14,09528825	-42,30353231
VS	70	1	-14,09528825	-42,30353231
VS	70	1	-14,11016247	-42,23882192
VS	150	1	-14,1096838	-42,2382563
VS	70	1	-14,09484628	-42,30266094
VS	70	1	-14,02799411	-42,23346775
VS	70	1	-14,10909549	-42,23884861
VS	70	1	-14,08383631	-42,31440159
VS	70	1	-14,11066642	-42,24124044
FL	30	1	-14,06358915	-42,34669657
VS	70	1	-14,08147354	-42,31657522
VS	70	1	-14,10365338	-42,16076499
VS	70	1	-14,09404852	-42,30430883
VS	70	1	-14,10972798	-42,16844224
VS	70	1	-14,1009882	-42,15742808
VS	70	1	-14,03345464	-42,14937931
VS	70	1	-14,03162943	-42,24226028
VS	70	1	-14,1493076	-42,1491333
LD	9	1	-14,0698109	-42,33162038
FL	45	1	-14,07098055	-42,33024191
VS	70	1	-14,09434864	-42,30292893
VS	70	1	-14,07699983	-42,21603769
MV	250	1	-14,15194918	-42,14799555
LD	9	1	-14,06315636	-42,34774025
VS	70	1	-14,11491675	-42,16511789
VS	70	1	-13,9738533	-42,23051552
VS	150	1	-14,10396049	-42,16124693
VS	70	1	-14,01603749	-42,19599665
VS	70	1	-14,09498254	-42,30216088
FL	45	1	-14,07268262	-42,32770152
VS	70	1	-14,03470386	-42,14884591
VS	70	1	-14,09450103	-42,30398519
VS	70	1	-13,98564291	-42,23175865
VS	70	1	-14,01624849	-42,19219998
VS	70	1	-14,03686519	-42,25073067
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VS	70	1	-14,03447244	-42,14977672
FL	30	1	-14,05982635	-42,35154573
VS	70	1	-14,03394398	-42,14882144
IN	60	1	-14,12114905	-42,1746188
VS	70	1	-14,01813681	-42,19404441

IN	60	1	-14,1122316	-42,20170139
VS	70	1	-14,10252421	-42,15914299
VS	70	1	-14,11068406	-42,16663425
VS	70	1	-14,10478232	-42,16272051
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VS	70	1	-14,16644316	-42,26141663
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VS	70	1	-14,1029875	-42,1411709
VS	70	1	-14,1413395	-42,23840942
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VS	70	1	-14,08415444	-42,13873246
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VS	70	1	-14,12774772	-42,14950567
MV	250	1	-14,1222496	-42,15163343
VS	400	1	-14,0771498	-42,13357801
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VS	70	1	-14,16256653	-42,22305829
VS	150	1	-14,18888407	-42,22655921
VS	70	1	-14,15352236	-42,26133709
VS	70	1	-14,07569499	-42,13185426
VS	70	1	-14,10175649	-42,14184643
FL	30	1	-14,0783368	-42,12898418
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VS	70	1	-14,0464726	-42,14514702
VS	70	1	-14,16627341	-42,22514029
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VS	70	1	-14,1501164	-42,17882891
VS	70	1	-14,10145277	-42,14153127
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VS	70	1	-14,18070205	-42,22568
VS	70	1	-14,12671452	-42,15449926
VS	400	2	-14,14820866	-42,17867918
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VS	250	1	-14,12763374	-42,14989353
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VS	70	1	-14,12860781	-42,18783651
VS	250	1	-14,12666552	-42,16029917
VS	70	1	-14,17512412	-42,22473854
MV	250	1	-14,17054766	-42,22612408
VS	400	1	-14,16744181	-42,23087482
VS	70	1	-14,16972158	-42,22958904
VS	70	1	-14,17099669	-42,22936791
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FL	30	1	-14,07907571	-42,13365322
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MV	250	1	-14,12215789	-42,15368091

VS	70	1	-14,16882048	-42,22632624
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MV	70	1	-14,16697643	-42,22580549
VS	250	1	-14,15100678	-42,06075198
MV	250	1	-14,03540887	-42,15375324
MV	70	1	-14,04870738	-42,10802654
FL	30	1	-14,16332522	-42,18079439
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VS	400	1	-14,03768527	-42,14258538
VS	70	1	-14,09134044	-42,14282202
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LD	100	1	-14,04652307	-42,13612897
MV	250	1	-14,03608868	-42,15112344
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VS	70	1	-14,03002694	-42,14259737
VS	70	1	-14,03526434	-42,13859224
VS	70	1	-14,14592515	-42,06099158
FL	45	1	-13,94400619	-42,2733075
VS	400	1	-14,03569544	-42,14143353
FL	30	2	-14,14842889	-42,14841638
VS	70	1	-14,16198641	-42,22460522
MV	400	1	-14,03577764	-42,14218597
LD	30	1	-14,1305539	-42,06073745
VS	250	1	-14,04508439	-42,13628512
VS	70	1	-14,03666115	-42,14216178
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FL	30	1	-13,99301818	-42,29319444
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FL	25	1	-13,95954575	-42,26682744
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VS	70	1	-14,03602556	-42,13642135
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VS	70	1	-14,14740333	-42,25916194
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MV	70	1	-14,15407577	-42,18018484
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VS	70	1	-14,03346649	-42,14372389
FL	30	1	-14,16310503	-42,13062083
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LD	200	1	-14,03977116	-42,14215451
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VS	70	1	-14,02903288	-42,14557506
FL	45	1	-13,90991105	-42,24587373
VS	70	1	-14,16486433	-42,03304824
VS	70	1	-14,02877515	-42,1429064
FL	25	1	-13,9600588	-42,26937323
FL	30	1	-13,97983838	-42,25827103
VS	400	1	-14,04071919	-42,14953345
VS	70	1	-14,03415562	-42,14397335
VS	150	1	-14,03271352	-42,14025776
VS	70	1	-14,03628243	-42,13960447
VS	70	1	-14,03106481	-42,14331177
VS	70	1	-14,03240606	-42,14031314
VS	400	1	-14,03806578	-42,14132605

VS	70	1	-14,16552391	-42,0364492
VS	70	1	-13,94321076	-42,31812747
VS	250	1	-14,04209182	-42,13980438
VS	250	1	-14,04447075	-42,13702413
VS	70	1	-14,15842373	-42,18180058
VS	70	1	-14,03677111	-42,14414075
VS	70	1	-14,06897705	-42,12799029
MV	400	1	-14,15202917	-42,1791473
VS	70	1	-13,87290021	-42,16063455
VS	70	1	-14,03546112	-42,14120065
VS	70	1	-14,18382324	-42,34601907
VS	70	1	-14,15732091	-42,18141052
LD	15	1	-14,15621679	-42,14518753
VS	400	1	-14,03916893	-42,14129893
VS	70	1	-14,03445897	-42,13967534
VS	70	1	-14,14083095	-42,04747886
VS	70	1	-14,02809692	-42,14303276
VS	70	1	-14,03376239	-42,14027691
VS	70	1	-13,97144523	-42,16633103
MT	160	1	-14,06292987	-42,08718316
FL	30	1	-14,03112781	-42,35976501
VS	70	1	-14,03289769	-42,14457614
VS	70	1	-14,03576758	-42,14389933
VS	70	1	-14,03204525	-42,14969357
FL	30	2	-14,16488509	-42,11386274
FL	45	1	-14,16939344	-42,22274984
VS	250	1	-14,15365112	-42,179749
MV	400	1	-14,03579874	-42,14872751
VS	70	1	-14,02962028	-42,14310871
VS	70	1	-14,09816903	-42,13960237
VS	70	1	-14,04124343	-42,14926491
VS	400	1	-14,03731455	-42,14258515
VS	250	1	-14,02841326	-42,14280495
MV	400	1	-14,03771314	-42,14133509
VS	400	1	-14,03771314	-42,14133509
VS	70	1	-14,03212576	-42,14030371
VS	70	1	-14,03378967	-42,14000835
FL	45	1	-13,94333703	-42,27584905
VS	70	1	-14,16255723	-42,18002467
VS	70	1	-14,03371814	-42,13860984
VS	70	1	-14,0371243	-42,14321482
VS	70	1	-14,03550629	-42,14234325
VS	70	1	-14,03535053	-42,14576988
VS	70	1	-14,03165928	-42,14353561
VS	70	1	-14,00365569	-42,28205873
VS	400	1	-14,03876878	-42,14212611
MV	400	1	-14,03515494	-42,15492927
VS	250	1	-14,04350767	-42,13815386
VS	70	1	-14,14524635	-42,06353025
FL	30	1	-13,98737862	-42,31285429
VS	70	1	-14,03032181	-42,14257246
VS	400	1	-14,03219702	-42,14213749
VM	125	1	-14,16953548	-42,32122759
FL	45	1	-13,98080173	-42,25361474
LD	12	1	-14,16153724	-42,12568637
VS	70	1	-14,12207947	-42,01793133
LD	200	1	-14,03706569	-42,142634
VS	400	1	-14,03706569	-42,142634
VS	70	1	-14,03729093	-42,14169604
VS	70	1	-14,09944519	-42,19074025
FL	45	1	-13,924808	-42,3297338
FL	40	1	-13,92354661	-42,32334009

FL	30	1	-14,09639662	-42,13991628
VS	70	1	-14,03385339	-42,13926748
VS	70	1	-14,15360577	-42,17994356
VS	250	1	-14,03721805	-42,1489167
VS	400	1	-14,0368737	-42,1488021
VS	70	1	-14,03557772	-42,14386217
VS	70	1	-13,89851277	-42,16624252
VS	70	1	-14,16540703	-42,03169538
VS	70	1	-13,88964466	-42,16298757
VS	400	1	-14,03844556	-42,14130775
VS	400	1	-14,09625224	-42,13940668
VS	70	1	-14,03049439	-42,14277807
VS	400	1	-14,03729719	-42,14136263
VS	250	7	-14,03268622	-42,14056336
VS	70	1	-14,03077751	-42,14306339
VS	400	1	-14,03877063	-42,14236951
VS	70	1	-14,03530936	-42,13892568
VS	70	1	-13,88369526	-42,16251145
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VS	70	1	-14,0322311	-42,14414665
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VS	70	1	-14,12528881	-42,0243615
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VS	70	1	-14,0332289	-42,14028585
VS	70	1	-14,02924775	-42,14356654
VS	400	1	-14,03354168	-42,14149492
VS	70	1	-14,03153611	-42,14386459
VS	400	1	-14,03190739	-42,14154681
VS	400	1	-14,03992508	-42,14119047
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VS	400	1	-14,03410457	-42,14268507
LD	15	1	-14,15329973	-42,14719118
VS	70	1	-14,12381741	-42,1361336
VS	70	1	-14,03483032	-42,13859198
VS	70	1	-13,8850621	-42,16028184
MV	250	1	-14,12084981	-42,01732902
VS	70	5	-14,03604982	-42,14063022
VS	70	1	-14,03288857	-42,14501039
VS	70	1	-14,1276154	-42,0894679
LD	15	1	-14,15767477	-42,14508031
VS	70	1	-14,03628493	-42,13997289
VS	70	1	-14,13288036	-42,04885986
VS	70	1	-13,87357813	-42,16099595
VS	400	1	-14,03169091	-42,14172968
VS	70	1	-14,02982767	-42,14286045
VS	70	1	-14,0344415	-42,13861027
VS	70	1	-14,18803551	-42,34683171
MV	250	1	-14,12615326	-42,0265285
VS	70	1	-14,12615326	-42,0265285
VS	400	1	-14,03869993	-42,14952067
VS	70	1	-14,03212458	-42,13969284
MV	400	1	-13,94787719	-42,29389772
VS	70	1	-14,03500007	-42,14212067
VS	70	1	-14,13523855	-42,05693982
VS	400	1	-14,03618426	-42,14264929
VS	70	1	-14,17220153	-42,32886719
VS	70	1	-14,0348443	-42,14556581
VS	400	1	-14,03622732	-42,14139606
VS	70	1	-14,034999	-42,14392664
VS	70	1	-14,02863629	-42,14514148
VS	250	1	-14,04306129	-42,13873144
MV	250	1	-14,12174493	-42,01770895

VS	70	1	-13,99061721	-42,29719153
VS	70	1	-14,18156232	-42,34635853
VS	70	1	-13,98764261	-42,31147499
VS	70	1	-14,03125596	-42,14269333
VS	70	1	-14,03487481	-42,13983303
LD	15	1	-14,1559939	-42,17850915
VS	70	1	-14,03410778	-42,14992059
VS	70	1	-14,03433922	-42,14938553
LD	100	1	-14,04757889	-42,13728029
VS	70	1	-14,03452943	-42,14025561
VS	70	1	-14,03821055	-42,14178115
VS	400	1	-14,03275239	-42,14152473
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MV	400	1	-14,03525429	-42,15496036
VS	70	1	-13,89908413	-42,16371605
VS	70	1	-14,12141039	-42,01754215
VS	400	1	-14,0316582	-42,14153583
VS	70	1	-14,03335311	-42,14432386
FL	30	1	-14,16138833	-42,10850498
VS	400	1	-14,03356958	-42,14278902
LD	15	1	-14,15529747	-42,14521809
VS	70	1	-14,12364367	-42,0187097
VS	70	1	-14,0362454	-42,13492261
MV	250	1	-14,12525278	-42,02291615
VS	70	1	-14,03654708	-42,14070461
VS	70	1	-14,03989477	-42,28313999
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VS	70	1	-14,12112106	-42,01742169
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VS	70	1	-13,89665722	-42,16903648
VS	400	1	-14,03691742	-42,14137166
VS	150	1	-14,1339854	-42,05138333
VS	70	1	-14,03094344	-42,14243688
VS	250	1	-14,09864897	-42,13836129
VS	70	1	-14,12520799	-42,01782036
VS	70	1	-14,03647994	-42,13150795
VS	70	1	-14,03387647	-42,14063854
VS	70	1	-14,03370931	-42,13823939
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VS	70	1	-14,16029007	-42,11075817
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MV	250	1	-14,03567805	-42,14239893
VS	400	1	-14,03301042	-42,14278627
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VS	70	1	-14,09302349	-42,14072019
VS	400	1	-14,0394049	-42,14972367
VS	70	1	-14,17148415	-42,22052783
VS	250	1	-14,17148415	-42,22052783
VS	70	1	-14,03444011	-42,14572448
VS	70	1	-14,03159975	-42,14175778
VS	400	1	-14,03560557	-42,14264894
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VS	70	1	-14,03478602	-42,13700826
VS	250	1	-14,04066422	-42,14096012
VS	70	1	-14,03547888	-42,1419098
VS	70	1	-14,03540812	-42,14013898
VS	70	1	-14,03163543	-42,14396207
VS	70	1	-13,94249087	-42,32237572
VS	70	1	-13,88134392	-42,16310217
VS	70	1	-14,14905761	-42,0423955
LD	100	2	-14,1714932	-42,18850157

VS	250	1	-14,04255988	-42,13926054
VS	250	4	-14,03241863	-42,14154573
VS	400	1	-14,03241863	-42,14154573
MT	160	1	-13,94055685	-42,32164171
VS	70	1	-14,0321832	-42,14242532
VS	70	1	-14,03605782	-42,13820484
VS	70	1	-14,03329084	-42,14260122
VS	400	1	-14,03216075	-42,14155225
FL	30	1	-13,98532614	-42,31282375
VS	70	1	-14,16083524	-42,11186846
VS	70	1	-14,03275694	-42,14331401
FL	25	1	-13,95902367	-42,26591648
LD	40	1	-13,99141064	-42,29159051
VS	70	1	-14,03626648	-42,1384114
VS	70	1	-14,13120882	-42,07862889
VS	70	1	-14,03586824	-42,14188966
VS	250	1	-14,03751296	-42,14346512
VS	70	1	-13,98332142	-42,17484875
VS	400	1	-14,03975152	-42,14980975
VS	70	1	-14,03326833	-42,14135973
MV	250	1	-14,03504361	-42,14491764
VS	70	1	-14,16589212	-42,20472286
VS	70	1	-14,03603581	-42,13731091
VS	70	1	-14,03659024	-42,15707554
ME	70	1	-14,04764284	-42,10248743
VS	70	1	-14,03220639	-42,14158182
ME	150	1	-14,13580799	-42,05781091
VS	150	1	-14,13580799	-42,05781091
VS	70	1	-13,89636797	-42,16889744
VS	70	1	-14,03450444	-42,13923082
VS	70	1	-14,03501779	-42,14272267
MV	70	1	-13,90670139	-42,15796394
VS	70	1	-13,89702847	-42,16827777
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FL	40	1	-13,90765949	-42,31694786
VS	70	1	-14,03880312	-42,14474252
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VS	70	1	-14,03168932	-42,14243224
MV	400	2	-14,04014501	-42,1420775
VS	70	1	-14,15693219	-42,18129902
VS	70	1	-14,03488344	-42,14055543
VS	70	1	-14,03789926	-42,15241187
VS	70	1	-14,03990035	-42,10824476
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VS	400	1	-14,03385137	-42,14273122
VS	400	1	-14,03303747	-42,14154907
VS	70	1	-14,15503357	-42,18104735
VS	250	1	-14,042799	-42,13900941
VS	70	1	-14,029435	-42,14389163
VS	70	1	-14,0322217	-42,1438325
VS	70	1	-14,15750182	-42,18130874
LD	9	1	-14,03628967	-42,13221172
ME	250	1	-14,17219497	-42,18553341
VS	70	1	-14,03653765	-42,14138069
FL	30	1	-14,11279238	-42,30898871
VS	70	1	-13,93619677	-42,22671071
VS	70	1	-14,03218135	-42,1428004
VS	70	1	-14,04952095	-42,10849928
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VS	70	1	-14,03417502	-42,14357633
VS	70	1	-14,03521992	-42,137203

VS	400	1	-14,0395668	-42,14125286
VS	70	1	-13,94197576	-42,32216209
VS	70	1	-13,98772455	-42,16231469
VS	70	1	-14,03215267	-42,14068344
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FL	30	1	-13,97487948	-42,30822659
VS	70	1	-14,16541385	-42,03274159
VS	400	1	-14,03422811	-42,14140948
VS	400	1	-14,07388096	-42,26314589
VS	70	1	-14,02937117	-42,14342112
LD	100	1	-14,04643052	-42,1373287
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VS	70	1	-14,02880992	-42,14252467
VS	70	1	-14,03177082	-42,14421175
VS	70	1	-14,04030181	-42,28301082
VS	70	1	-13,89625876	-42,16990624
VS	70	1	-14,03763086	-42,14285393
VS	70	1	-14,15182954	-42,06094678
VS	70	1	-14,0333655	-42,13860964
VS	70	1	-14,03828686	-42,14423467
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VS	70	1	-14,03490071	-42,14868415
VS	70	1	-14,06741814	-42,12794831
MV	400	1	-14,03487386	-42,15613306
VS	70	1	-13,96389437	-42,25950256
FL	45	1	-13,95304706	-42,35208061
VS	70	1	-14,03384252	-42,14240707
VS	400	1	-14,03652236	-42,14874946
MT	160	1	-13,92642464	-42,32506799
VS	70	1	-13,9430151	-42,32253382
VS	70	1	-14,03602565	-42,13690378
VS	70	1	-14,03679912	-42,14264041
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VS	70	1	-14,03732333	-42,14302971
VS	70	1	-14,03819071	-42,14154377
VS	70	1	-14,03521519	-42,14527894
VS	70	1	-14,15082101	-42,04105223
VS	70	1	-14,01137724	-42,19564056
VS	400	1	-14,15501741	-42,14691438
MV	70	1	-14,12494558	-42,02032191
FL	45	1	-13,93026927	-42,24131277
VS	70	1	-14,03538123	-42,13973146
VS	70	1	-14,10363746	-42,19476433
LD	45	1	-14,06678482	-42,32428955
VS	70	1	-14,03964132	-42,28337121
VS	70	1	-14,03657839	-42,14174978
VS	400	1	-14,03455294	-42,14273452
VS	400	1	-14,03738689	-42,14257594
VS	70	1	-14,03443268	-42,13822129
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VS	70	1	-14,14527396	-42,06165856
MV	250	1	-14,13232612	-42,04734106
VS	70	1	-14,03214135	-42,14452686
VS	70	1	-14,15229594	-42,05717623
VS	70	1	-14,03499823	-42,14519545
VS	70	1	-14,16223298	-42,17831938
VS	400	1	-14,16223298	-42,17831938
VS	150	1	-14,13351668	-42,04961021
VS	250	1	-14,15290412	-42,13402614

VS	70	1	-14,09826804	-42,14037133
VS	70	1	-14,15317206	-42,17952624
VS	250	1	-13,88444612	-42,16197516
VS	70	1	-13,88475484	-42,16002248
VS	250	1	-14,04036195	-42,14157037
VS	70	1	-14,03601183	-42,13494007
VS	70	1	-14,03413346	-42,13967515
VS	400	1	-14,0332984	-42,14280497
MV	250	1	-14,03524577	-42,15428103
VS	400	1	-14,07010167	-42,12938524
VS	70	1	-14,03535534	-42,14854719
VS	70	1	-13,97187111	-42,16633134
VS	70	1	-14,03477721	-42,13659149
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VS	70	1	-14,03628261	-42,13929847
VS	70	1	-14,14613871	-42,14200978
VS	70	1	-14,03597723	-42,1410562
VS	70	1	-14,03330276	-42,14474328
VS	70	1	-14,03159228	-42,14031265
MV	400	1	-14,12073789	-42,01695083
VS	70	1	-13,96144876	-42,26656038
VS	70	1	-14,03487516	-42,1392403
VS	70	1	-14,03501725	-42,14363955
VS	70	1	-14,15675784	-42,14536699
VS	70	1	-14,03463747	-42,14365784
VS	250	1	-14,04044768	-42,14124469
VS	400	1	-14,04184631	-42,14889585
VS	400	1	-14,04010287	-42,14984813
VS	70	1	-14,03485684	-42,13964779
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VS	70	1	-14,03481263	-42,13790663
FL	30	1	-13,91297429	-42,24787633
VS	70	1	-14,15296034	-42,05871392
VS	400	1	-14,03522651	-42,14145399
VS	70	2	-14,10224534	-42,19433702
VS	250	1	-14,04173974	-42,14008147
VS	70	1	-13,98310411	-42,17525599
LD	15	1	-14,15571455	-42,14512013
MT	160	1	-14,16707703	-42,20422351
ME	400	1	-14,11260906	-42,04495533
VS	70	1	-13,89826829	-42,16674217
VS	250	1	-14,04399907	-42,13757289
VS	70	1	-14,03545244	-42,14165788
VS	70	1	-14,03212441	-42,13997901
MV	400	1	-14,03925361	-42,15077355
VS	400	1	-14,03589492	-42,14263986
VS	70	1	-14,03163364	-42,14315662
VS	400	1	-14,03930375	-42,1412878
VS	400	1	-14,03386984	-42,14145326
MV	400	1	-14,03492929	-42,15599066
VS	70	1	-14,02883246	-42,14536313
VS	70	1	-14,09268855	-42,14136845
VS	70	1	-14,13519591	-42,05980571
MV	250	1	-14,03580771	-42,15217906
VS	70	1	-13,88564959	-42,16066171
VS	70	1	-14,0312062	-42,14212892
VS	70	1	-14,03656495	-42,14108434
MV	250	3	-14,03595276	-42,15158642
MV	400	1	-14,03512286	-42,15460538
VS	400	1	-14,03512286	-42,15460538
VS	70	1	-14,03480388	-42,13739725
VS	70	1	-14,03622886	-42,14367734

MV	250	1	-14,03599859	-42,15059548

Catité

Tipo_Lampada	Potencia_Lampada	Qtd_Lampada	LAT	LONG
VS	150	1	-14,18047488	-42,45490411
VM	80	1	-13,68184014	-42,49941932
VS	70	1	-14,08387825	-42,50299576
VS	70	1	-14,08368192	-42,50348701
VS	70	1	-14,06889435	-42,49579737
VS	70	1	-14,08437054	-42,50361838
VS	70	1	-14,06859607	-42,49575041
VM	80	1	-13,67861989	-42,50466219
VS	70	1	-14,08424909	-42,50319498
VS	70	1	-14,06731954	-42,4965535
LD	30	1	-13,94948669	-42,462861
PL	40	1	-13,96508064	-42,4726233
VS	70	1	-13,95826284	-42,47104953
VS	70	1	-13,86544069	-42,22865077
VS	70	1	-13,97646845	-42,4029656
LD	30	1	-13,99011595	-42,55419795
LD	30	1	-13,99347441	-42,4201621
VS	70	1	-13,86587544	-42,22786455
PL	40	1	-13,96404712	-42,47292007
LD	30	1	-13,9843086	-42,39135892
LD	30	1	-13,94936044	-42,47016544
VS	250	1	-13,96036095	-42,46328314
LD	20	1	-13,96193089	-42,47490814
VS	70	1	-13,86526889	-42,22864135
PL	30	1	-13,96704683	-42,46016169
VM	125	1	-13,96606975	-42,47252022
PL	30	1	-13,98876765	-42,41779249
LD	15	1	-13,9647461	-42,46132324
VS	70	1	-13,8654411	-42,22820655
LD	40	1	-13,95273101	-42,46742264
PL	45	1	-13,85998753	-42,20925758
LD	30	1	-13,96176116	-42,47136942
VS	70	2	-13,9720483	-42,40203108
VS	70	1	-13,86542411	-42,2270312
VS	70	1	-13,86535157	-42,22724399
VS	70	1	-13,86539634	-42,22772527
VS	70	1	-13,86535137	-42,22745684
PL	30	1	-13,96875301	-42,46017422
VS	70	1	-13,97104565	-42,39599374
PL	45	1	-13,97998171	-42,41615643
LD	30	1	-13,94925683	-42,46258309
VS	70	1	-13,86566783	-42,22747566
VS	70	1	-13,86495388	-42,22707702
LD	40	1	-13,87091007	-42,20964671
LD	15	1	-13,96489785	-42,46083035
VS	70	1	-13,86467373	-42,22690092
LD	40	1	-13,94916943	-42,46990519
LD	40	1	-13,96285047	-42,45316281
VS	70	1	-13,94196716	-42,47515836
LD	30	1	-13,96813693	-42,45981943
LD	30	1	-13,97589697	-42,40950133
PL	45	1	-13,96130395	-42,46886055
VS	70	1	-14,21254254	-42,39447536
VS	150	1	-14,21171133	-42,39639784
VS	70	1	-14,21764917	-42,39244121
VS	70	1	-14,22516185	-42,38735013
VS	70	1	-14,21376698	-42,39357844

VS	70	1	-14,21331801	-42,39372401
VS	70	1	-14,2148069	-42,39322803
VM	125	1	-13,96983818	-42,47226482
VS	70	1	-14,21200322	-42,39599981
VS	70	1	-14,21137417	-42,39683092
VS	250	1	-14,10367242	-42,66272295
VS	250	1	-14,1018056	-42,637255
VM	125	1	-14,10489564	-42,65141932
ME	250	1	-14,10184045	-42,64051643
VS	250	1	-14,10184045	-42,64051643
VS	70	1	-14,10822747	-42,6499987
VS	250	1	-14,10554004	-42,62311052
VS	250	1	-14,09029345	-42,66518603
VS	250	1	-14,10521083	-42,65175121
VS	250	1	-14,10459154	-42,62723743
VS	70	1	-14,09735069	-42,64678434
PL	45	1	-13,94773108	-42,43993347
LD	15	1	-13,95644517	-42,43885789
VS	250	1	-13,96232941	-42,4421509
PL	30	1	-13,95413523	-42,45092262
LD	40	1	-13,93838373	-42,43972398
PL	40	1	-13,94512938	-42,43836145
LD	30	1	-13,94601175	-42,43857863
PL	40	1	-13,9474696	-42,44007592
FL	45	1	-13,94440996	-42,44582686
VS	70	1	-13,96558324	-42,44139408
PL	45	1	-13,94807935	-42,44830037
PL	45	1	-13,95123782	-42,44062542
LD	15	2	-13,94867384	-42,44095757
LD	30	1	-14,14561099	-42,40829247
LD	30	1	-14,13959442	-42,40581681
LD	20	1	-14,12675499	-42,39478775
LD	40	1	-14,14331976	-42,40369954
LD	40	1	-14,12744075	-42,38841938
LD	40	1	-14,1280881	-42,40484268
LD	40	1	-14,13959024	-42,40609764
LD	40	1	-14,13014762	-42,41349612
LD	50	1	-14,13014762	-42,41349612
LD	40	1	-14,13157214	-42,40335464
LD	30	1	-14,12501149	-42,39598261
LD	40	1	-14,1320728	-42,40269482
VS	70	1	-13,98804481	-42,64709804
VS	250	1	-14,00059474	-42,65136294
VS	70	1	-13,66475076	-42,54199211
LD	40	1	-13,66526515	-42,54099993
LD	40	1	-13,66499083	-42,54087013
LD	40	1	-13,66400288	-42,53705523
VS	70	1	-13,66204716	-42,53640839
LD	40	1	-13,66503129	-42,54283713
LD	40	1	-13,66510044	-42,54032031
VS	70	1	-13,66510044	-42,54032031
LD	40	1	-13,66034746	-42,53799502
LD	40	1	-13,6647536	-42,54288532
LD	40	1	-13,66475052	-42,54243603
VS	70	1	-13,66507299	-42,54204711
VS	70	1	-13,66467816	-42,53825435
LD	9	1	-13,66106671	-42,53625491
VS	70	1	-13,66351063	-42,53681131
VS	70	1	-13,66305373	-42,53702508
LD	40	1	-13,94599636	-42,51564716
PL	40	1	-13,92813413	-42,51158192
VM	250	1	-13,9376421	-42,51536177

PL	40	1	-13,92575965	-42,51213529
LD	40	1	-13,94081116	-42,5143037
VS	70	1	-13,94666085	-42,53762632
LD	30	1	-13,93960637	-42,51552551
LD	30	1	-13,93977857	-42,51456628
VM	125	1	-13,9450905	-42,51545465
LD	30	1	-13,9449357	-42,51584016
LD	30	1	-13,94493144	-42,51640069
VM	125	1	-13,94505377	-42,51747094
VS	70	1	-13,94815617	-42,54836929
PL	40	1	-13,92575797	-42,51237531
VM	250	1	-13,93715897	-42,51537228
LD	30	1	-13,95286464	-42,5195168
LD	30	1	-13,93477728	-42,51373298
VM	125	1	-13,94682455	-42,5153695
ME	70	1	-14,09410382	-42,65919279
VS	250	1	-14,1045866	-42,62764234
VS	70	1	-14,094925	-42,65273262
VS	250	1	-14,10250715	-42,65312095
VS	70	1	-14,09563194	-42,65190453
ME	400	1	-14,10320889	-42,6246718
VS	250	1	-14,10610883	-42,66032113
VS	70	1	-14,10459654	-42,62206811
LD	40	1	-14,09439916	-42,65499507
VS	250	1	-14,10000083	-42,65199018
VM	125	1	-14,10720828	-42,64567584
VM	125	1	-14,10424219	-42,65262925
VM	125	1	-14,10760074	-42,64599172
VS	250	1	-14,10348525	-42,62433674
LD	30	1	-14,2181707	-42,43597668
LD	30	1	-14,23735093	-42,4725253
FL	45	1	-14,21395641	-42,44629361
LD	30	1	-14,23703717	-42,48474157
LD	30	1	-14,23882917	-42,4417818
VS	70	1	-14,23190308	-42,47038209
LD	30	1	-14,22976621	-42,48102776
LD	30	1	-14,2384946	-42,44179969
LD	30	1	-14,07002437	-42,6451376
VS	70	1	-14,21907575	-42,43548718
VS	70	1	-14,21875919	-42,43554218
LD	30	1	-14,21468572	-42,44306963
LD	30	1	-14,2300856	-42,44684427
VS	250	1	-14,07626778	-42,64335813
LD	40	1	-14,06842136	-42,64613344
VS	150	1	-14,22967926	-42,4367495
LD	40	1	-14,06465479	-42,64810497
LD	40	1	-14,23159648	-42,43653072
LD	30	1	-14,23533464	-42,48608198
LD	30	1	-14,23975658	-42,49460072
PL	45	1	-14,22325925	-42,43700598
LD	30	1	-14,23965287	-42,4651609
PL	45	1	-14,22845707	-42,45698133
LD	30	1	-14,23977547	-42,46254717
LD	40	1	-14,06886501	-42,64590312
VS	150	1	-14,21071929	-42,43659267
VS	70	1	-14,21992581	-42,43540538
LD	30	1	-14,2324238	-42,48133925
PL	45	1	-14,2283566	-42,45750946
VS	70	1	-14,2375041	-42,43368467
VS	150	1	-14,2086673	-42,4363385
LD	50	1	-14,2303004	-42,44802186
LD	40	1	-14,23810745	-42,44579404

LD	50	1	-14,23972613	-42,44078245
PL	45	1	-14,23064354	-42,44339727
LD	40	1	-14,22830477	-42,43683955
ME	70	1	-14,23115478	-42,46465227
LD	30	1	-14,23110208	-42,4821614
VS	70	1	-14,23246147	-42,47149554
VM	125	1	-14,08044351	-42,6405076
VS	70	1	-14,21939227	-42,43545071
LD	30	1	-14,23303395	-42,48811627
LD	40	1	-14,21503778	-42,44823283
VM	400	1	-14,23265936	-42,47201502
LD	40	1	-14,21760143	-42,43578095
VS	70	1	-14,08086881	-42,6403791
VS	70	1	-14,08102835	-42,6415837
LD	30	1	-14,24056633	-42,46502372
VS	70	1	-14,24075575	-42,42996898
LD	30	1	-14,22841586	-42,45009441
LD	30	1	-14,23859314	-42,48638157
LD	40	1	-14,22939422	-42,44424759
LD	30	1	-14,24015917	-42,48342269
PL	45	1	-14,22809416	-42,44320693
LD	30	1	-14,2322185	-42,47091109
PL	45	1	-13,98898522	-42,41745955
LD	30	1	-14,1775329	-42,42854113
LD	40	1	-14,22455537	-42,44994774
LD	40	1	-14,23007314	-42,44867025
VS	70	1	-14,24127786	-42,48463937
LD	30	1	-14,22477104	-42,44093887
VS	150	1	-14,22770727	-42,45187264
LD	40	1	-14,21968164	-42,43543272
PL	45	1	-13,95994811	-42,40509885
VS	250	1	-14,00251704	-42,68100254
VS	250	1	-14,00516289	-42,68314106
VS	250	1	-14,00209564	-42,68240422
VS	250	1	-14,00759958	-42,68201874
VS	250	1	-13,99648881	-42,68470557
VS	250	1	-14,00960497	-42,68215446
VS	250	1	-13,99859912	-42,68345555
VS	250	1	-13,99950529	-42,68299514
VS	250	1	-14,00313606	-42,68188967
VS	250	1	-13,99999832	-42,68296798
VS	250	1	-14,00748685	-42,68255945
ME	250	1	-14,00856055	-42,68200582
VS	250	1	-14,00279491	-42,68166875
LD	30	1	-13,80351665	-42,36142268
LD	20	1	-13,91187297	-42,41367486
ME	250	1	-13,72573402	-42,36692518
LD	30	1	-13,86241108	-42,44439775
VS	70	1	-13,83947379	-42,38588891
LD	45	1	-13,89064306	-42,3703354
VS	70	1	-13,84116825	-42,389334
VS	70	1	-13,83970991	-42,39032763
VS	70	1	-13,84036288	-42,38973056
LD	9	1	-13,94082395	-42,43528651
VS	250	1	-13,82996368	-42,40150178
VS	70	1	-13,84434986	-42,39007954
PL	45	1	-13,91099285	-42,39917803
LD	30	1	-13,81378162	-42,35758817
PL	45	1	-13,91170546	-42,40022521
LD	40	1	-13,84363757	-42,38971201
VS	250	1	-13,82953798	-42,4019452
LD	30	1	-13,86154616	-42,44686608

VS	70	1	-13,8398818	-42,38650012
VS	70	1	-13,81493992	-42,41541041
VS	70	1	-13,83781851	-42,38884155
VS	70	1	-13,84197813	-42,39178752
PL	45	1	-13,89436901	-42,38516452
PL	40	1	-13,88275391	-42,3884403
LD	30	1	-13,86177442	-42,44420776
PL	40	1	-13,91522694	-42,40320253
VS	70	1	-13,83933249	-42,38947902
LD	30	1	-13,91208841	-42,40923223
LD	40	1	-13,84490871	-42,38970579
LD	45	1	-13,88776621	-42,37066479
PL	45	1	-13,8616594	-42,4415561
PL	40	1	-13,87796553	-42,39168087
LD	30	1	-13,80389246	-42,36005543
VS	70	1	-13,84037313	-42,3889718
VS	70	1	-13,81945839	-42,41153226
FL	45	1	-13,90521903	-42,39109694
PL	45	1	-13,90521903	-42,39109694
PL	40	1	-13,90562594	-42,39108837
VS	250	1	-13,81368438	-42,40924609
VS	70	1	-13,83977599	-42,38920215
PL	45	1	-13,9330062	-42,42817178
LD	40	1	-13,92336634	-42,47658807
PL	55	1	-13,91199282	-42,39025667
PL	45	1	-13,9149314	-42,40147107
VS	70	1	-13,84128664	-42,3944699
PL	45	1	-13,91284422	-42,40055112
VS	250	1	-13,82781964	-42,37366863
LD	30	1	-13,93346462	-42,42971855
VS	70	2	-13,84384182	-42,39114287
VS	70	1	-13,83901537	-42,38988564
LD	40	1	-13,86996813	-42,42150447
LD	40	1	-13,89599713	-42,38480622
VS	70	1	-13,8433583	-42,39195935
PL	45	1	-13,93119971	-42,4270854
LD	40	1	-13,8448199	-42,39017286
PL	45	1	-13,91382909	-42,4009786
PL	30	1	-13,93883691	-42,43406084
PL	45	1	-13,91084599	-42,40600889
VS	70	1	-13,84243275	-42,39020592
LD	30	1	-13,80711429	-42,36400327
LD	40	1	-13,83946948	-42,38861867
LD	14	1	-13,81220487	-42,38332402
LD	30	1	-13,93876029	-42,47211371
VS	70	1	-13,67730262	-42,62614765
LD	50	1	-13,6732305	-42,63561408
VM	125	1	-13,63691088	-42,59381262
VS	70	1	-13,67675111	-42,6261277
VS	70	1	-13,67559446	-42,63307921
VS	70	1	-13,67133293	-42,63521622
VS	70	1	-13,66946628	-42,61777745
VS	70	1	-13,67569291	-42,63340339
VS	70	1	-13,67191665	-42,62138073
LD	50	1	-13,67733948	-42,63139483
VS	70	1	-13,67733948	-42,63139483
VM	125	1	-13,63073108	-42,58413619
VS	70	1	-14,09987259	-42,67729136
VS	70	1	-13,67259901	-42,62272216
VS	70	1	-13,6706179	-42,61644893
LD	50	1	-13,67237929	-42,63583114
VS	70	1	-13,67190936	-42,62428414

VM	125	1	-13,63653665	-42,59149113
VS	70	1	-13,67057846	-42,61776184
VS	70	1	-13,67059147	-42,61979611
VS	70	1	-13,63492111	-42,57521113
VS	250	1	-13,63404578	-42,58569749
VS	70	1	-13,66718544	-42,6508772
LD	40	1	-13,67232013	-42,63672447
VS	70	1	-13,67632904	-42,63264629
VS	70	1	-13,6702206	-42,64373787
VS	70	1	-13,67932225	-42,6284092
LD	30	1	-13,98315964	-42,46156232
LD	30	1	-13,98735828	-42,44618229
LD	40	1	-13,9644084	-42,45915549
VS	70	1	-13,80686159	-42,31982749
LD	40	1	-14,02600548	-42,71432968
VS	70	1	-14,00338589	-42,67468687
VS	70	1	-14,08924684	-42,66831198
VS	70	1	-14,0254615	-42,71483733
VS	70	1	-14,02513798	-42,71416958
VS	70	1	-14,02370427	-42,71896203
VS	70	1	-13,80536686	-42,32058016
VS	70	1	-14,02843728	-42,71850602
VS	70	1	-14,0284485	-42,71792588
VS	70	1	-14,02417145	-42,71691694
LD	100	1	-14,01651205	-42,64958556
ME	250	1	-14,01651205	-42,64958556
VS	70	1	-14,09969266	-42,68336768
VS	70	1	-14,06029455	-42,65228837
VS	70	1	-14,06051272	-42,65185368
VS	70	1	-14,0244464	-42,71871431
VS	70	1	-14,02508779	-42,71585482
VS	70	1	-14,03414061	-42,71711025
VM	125	1	-14,1023602	-42,68325517
ME	70	1	-14,08948586	-42,67014676
LD	40	1	-14,09669818	-42,66789822
VS	70	1	-14,06216764	-42,65173795
ME	250	1	-14,0469319	-42,69103723
VS	250	1	-14,09789535	-42,66981923
LD	40	1	-14,07711834	-42,65820433
VS	250	1	-14,05437141	-42,69788531
VS	70	1	-14,06208557	-42,65199705
VS	250	1	-14,10146668	-42,67288354
VS	250	1	-14,10180121	-42,67298336
VS	70	1	-14,07174266	-42,76111868
LD	40	2	-14,02762002	-42,71258442
VS	70	1	-14,00791235	-42,66376245
VS	70	1	-14,02774812	-42,71206623
VS	70	1	-14,02807836	-42,71962386
VS	70	1	-14,09502729	-42,67050563
LD	30	1	-14,05264117	-42,64375535
VS	70	1	-14,08395095	-42,73865693
VS	70	1	-13,9981445	-42,67201882
VS	70	1	-14,06559253	-42,75468625
VS	70	1	-14,02573484	-42,71718107
VS	70	1	-14,08608082	-42,66558875
LD	15	3	-14,06156346	-42,65114348
VS	70	1	-14,06156346	-42,65114348
LD	40	1	-14,03239987	-42,71604154
VS	70	1	-14,08043545	-42,73310505
VS	70	1	-14,08353715	-42,73501535
VS	70	1	-14,02487885	-42,71618755
VS	250	1	-14,09550953	-42,66941396

MT	160	1	-14,09893199	-42,66753037
VS	70	1	-14,02839608	-42,71002163
VS	70	1	-14,06077603	-42,6514469
VS	70	1	-14,19927208	-42,36066718
VS	70	1	-14,0891268	-42,66594955
VS	70	1	-14,0512363	-42,69709787
VS	150	1	-14,09877869	-42,67725109
VS	70	1	-14,06243139	-42,75650976
VS	70	1	-14,02787593	-42,71164989
VS	70	1	-14,06097581	-42,65112329
VS	70	1	-14,0891609	-42,66669996
VS	70	1	-14,02650841	-42,71852624
VS	70	1	-14,02504751	-42,71724377
VS	70	1	-14,02775356	-42,71939133
LD	50	1	-14,1927206	-42,55336534
ME	400	1	-14,2557416	-42,58108965
VS	400	1	-14,24013529	-42,58328133
VS	70	1	-14,25614961	-42,59446961
VS	70	1	-14,25574197	-42,57907576
VS	70	1	-14,25754889	-42,59496477
LD	100	1	-14,26798277	-42,58868119
ME	400	1	-14,23368444	-42,58290051
MT	500	1	-14,21710604	-42,56089484
VS	70	1	-14,22694013	-42,58109715
ME	400	1	-14,25586248	-42,58057001
VS	70	1	-14,25779877	-42,59500741
VS	250	1	-14,26930692	-42,59038789
VS	70	1	-14,25674127	-42,5943652
VS	70	1	-14,24405158	-42,59009514
ME	70	1	-14,22853948	-42,58520732
ME	400	1	-14,21531057	-42,56313335
ME	400	1	-14,24320802	-42,58383611
VS	70	1	-14,22808548	-42,58229575
VS	70	1	-14,23800203	-42,58307194
VS	70	1	-14,22967366	-42,58356965
VS	250	1	-14,17508759	-42,55816908
VS	70	1	-14,22919984	-42,58506998
VS	70	1	-14,23698956	-42,58300446
VM	400	1	-14,23959295	-42,58322432
LD	50	1	-14,23653755	-42,58297549
VS	70	1	-14,25552645	-42,58326234
VM	400	1	-14,24080477	-42,58337389
VS	70	1	-14,2517243	-42,58042818
VS	70	1	-14,22370515	-42,57925362
VS	70	1	-14,22305089	-42,57795444
LD	30	1	-14,11497938	-42,4121133
LD	30	1	-14,10239427	-42,41516927
LD	30	2	-14,10308141	-42,41302962
LD	70	2	-14,11293921	-42,41145976
LD	30	1	-14,12078457	-42,40662226
LD	70	1	-14,1119602	-42,41096126
LD	40	1	-14,11037185	-42,41094175
LD	40	1	-14,10824564	-42,41886462
LD	30	1	-14,11428858	-42,41153073
PL	45	1	-13,85568991	-42,37139331
VS	70	1	-13,84937092	-42,37106509
LD	40	1	-13,85408174	-42,37010307
PL	45	1	-13,90681876	-42,38584215
VS	70	1	-14,19266003	-42,35017507
VS	400	1	-14,06494618	-42,48984278
VS	70	1	-13,63007022	-42,28396137
VS	70	1	-13,63207256	-42,5710484

VS	70	1	-14,07075141	-42,4805923
VS	250	1	-14,06750513	-42,48977383
VS	250	1	-14,06431877	-42,48507434
VS	70	1	-14,06272391	-42,49967274
VS	70	1	-14,06398736	-42,48273437
VS	70	1	-14,23286259	-42,40540055
VS	70	1	-14,0730711	-42,48262565
VS	150	1	-14,0723337	-42,48337326
VS	70	1	-14,06191321	-42,50498896
VS	70	1	-14,06525897	-42,49525271
VS	70	1	-14,07519041	-42,49458341
VS	70	1	-14,14576313	-42,43702465
VS	70	1	-14,0582147	-42,4742331
LD	40	1	-14,0649864	-42,49673372
VS	70	1	-14,06603118	-42,48081403
VS	70	1	-13,69369954	-42,28228328
VS	70	1	-14,05605619	-42,77270267
LD	50	1	-14,05542257	-42,50223166
VS	250	2	-14,06982915	-42,49416927
VS	70	1	-14,06272004	-42,490764
VS	250	2	-14,07282318	-42,48452396
VS	70	1	-14,08160799	-42,49452307
LD	40	1	-14,05545857	-42,4825414
LD	40	1	-14,07324023	-42,489001
VS	70	1	-14,07331995	-42,4886164
VS	70	1	-14,07389173	-42,488222
LD	40	1	-13,68428186	-42,44632013
VS	70	1	-13,9611294	-42,44158249
VS	70	1	-14,05323238	-42,48770596
ME	70	1	-13,6914791	-42,31833531
ME	150	1	-14,07923347	-42,49508987
LD	40	1	-13,88270701	-42,44427562
VS	70	1	-14,05667936	-42,47439453
ME	150	1	-14,08066543	-42,49785662
ME	150	1	-14,08199674	-42,498733
VS	70	1	-14,06032348	-42,49020892
VS	70	1	-14,0549749	-42,47991113
VS	70	1	-14,06630506	-42,48854088
VS	70	1	-14,0557766	-42,48143175
VS	70	1	-14,35591896	-42,47021381
VS	70	1	-14,05186164	-42,48590628
LD	15	1	-14,3586094	-42,47359628
VS	250	1	-14,08094602	-42,45143976
VS	70	1	-14,08094602	-42,45143976
VS	250	1	-14,07071055	-42,48295416
ME	70	1	-14,05319289	-42,48485324
VS	70	1	-14,05319289	-42,48485324
VS	70	1	-14,06950198	-42,48143258
VS	250	1	-14,07230631	-42,4897655
LD	12	1	-13,88612748	-42,37016103
ME	150	1	-14,07904441	-42,49601806
VS	70	1	-14,27555696	-42,57292466
VS	70	1	-14,06318657	-42,48786452
VS	400	1	-14,06902144	-42,48662782
VS	250	2	-14,07096996	-42,49331947
VS	250	2	-14,06410218	-42,49582412
ME	250	1	-14,15845992	-42,42057362
LD	40	1	-14,04818585	-42,47639798
LD	40	1	-14,25818403	-42,43043662
LD	30	1	-14,24352627	-42,43799697
LD	30	1	-14,24890037	-42,43075035
VS	70	1	-14,29858215	-42,58213402

VS	70	1	-14,28421368	-42,56515
LD	40	1	-14,30163498	-42,57759711
VS	70	1	-14,30039508	-42,57598029
VS	70	1	-14,28514724	-42,5657428
LD	40	1	-14,290763	-42,57023406
LD	50	1	-14,29491541	-42,58578601
LD	50	1	-14,29645201	-42,58537619
VS	70	1	-14,31443514	-42,58782044
VS	70	1	-14,30161446	-42,57800835
VS	70	1	-14,27632312	-42,57940362
VS	70	1	-14,29642004	-42,57545366
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VS	70	1	-14,30237515	-42,57791526
LD	40	1	-14,30758112	-42,57927801
VS	70	1	-14,27502897	-42,57295067
VS	70	1	-14,27551753	-42,5786573
VS	70	1	-14,29824626	-42,5773411
VS	70	1	-14,29925961	-42,58002246
LD	40	1	-14,28277518	-42,56526888
VS	70	1	-14,31118699	-42,58072916
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VS	70	1	-14,29743899	-42,57654455
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ME	400	1	-14,30941044	-42,58029011
VS	250	1	-14,2955359	-42,58572039
VS	70	1	-14,30571795	-42,57861419
VS	70	1	-14,30177066	-42,57660481
VS	70	1	-14,29400449	-42,5727738
VS	70	1	-14,30557578	-42,57814614
VS	70	1	-14,3060453	-42,57833269
VS	70	1	-14,30423158	-42,57815291
VS	70	1	-14,29988498	-42,5774302
ME	250	1	-13,79366256	-42,40901636
VS	70	1	-13,80575554	-42,41261528
VS	70	1	-13,80343699	-42,41202613
VS	250	1	-13,79717597	-42,40832921
VS	250	1	-13,79241514	-42,41301458
VS	70	1	-13,80055926	-42,4116094
VS	70	1	-13,80372282	-42,41250311
VS	70	1	-13,80651084	-42,41367717
VS	250	1	-13,7967203	-42,409392
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VS	250	1	-13,79750855	-42,40914042
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VS	250	1	-13,81360226	-42,40269209
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VS	70	1	-13,79207924	-42,42170066
VS	70	1	-13,78798811	-42,42191178
VS	70	1	-13,8073626	-42,4071199
VS	70	1	-14,06241253	-42,47579499
VS	70	1	-14,06137446	-42,47689348
LD	30	1	-13,97211714	-42,52746078
VS	250	1	-13,97516535	-42,52906886
LD	9	1	-13,89198281	-42,36619038
LD	30	1	-13,81855193	-42,39820136
LD	40	1	-13,84215329	-42,39273658

VS	70	1	-13,81299781	-42,4142782
LD	30	1	-13,91254492	-42,4119914
VS	70	1	-13,84441363	-42,38978353
VS	70	1	-13,83921332	-42,39055472
VS	70	1	-13,73045088	-42,36895203
VS	70	1	-13,84180779	-42,39087114
VS	70	1	-13,84196775	-42,39352505
LD	40	1	-13,84071533	-42,38985144
ME	70	1	-13,84071533	-42,38985144
VS	70	1	-13,84210096	-42,39294886
PL	45	1	-13,89102768	-42,36280397
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VS	70	1	-13,84286634	-42,39047499
PL	40	1	-13,88380565	-42,38662802
VS	70	1	-13,83897074	-42,38952469
VS	70	1	-13,84220672	-42,39019629
PL	45	1	-13,91336832	-42,40075566
VS	70	1	-13,83810693	-42,38879381
VS	70	1	-13,84127739	-42,38893627
VS	70	1	-13,84145949	-42,39381318
LD	40	1	-13,84021323	-42,38682176
VS	70	1	-13,84416812	-42,39064372
VS	250	1	-13,81984063	-42,36917184
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VS	70	1	-13,73371089	-42,35739349
LD	30	1	-13,82005091	-42,40009246
LD	30	1	-13,80169584	-42,36407624
VS	70	1	-13,73388539	-42,35821473
PL	40	1	-13,88010025	-42,3911754
VS	70	1	-13,84361713	-42,39028191
LD	30	1	-13,93025288	-42,47247099
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LD	40	1	-13,84339559	-42,39142779
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VS	70	1	-13,84341262	-42,39112606
PL	45	1	-13,88559341	-42,37144436
VS	70	1	-13,83841474	-42,38843871
LD	40	1	-13,86999391	-42,42228191
VS	70	1	-13,84184846	-42,39387833
VS	70	1	-13,84174747	-42,3942112
VS	70	1	-13,7288052	-42,36093991
LD	30	1	-13,86323108	-42,44445778
LD	30	1	-13,91636404	-42,41532118
VS	70	1	-13,84150273	-42,38938082
VS	70	1	-13,8392956	-42,38993237
PL	45	1	-13,93714307	-42,43064178
PL	45	1	-13,91245012	-42,40921435
LD	40	1	-13,86911513	-42,41800471
VS	70	1	-13,83844755	-42,38873728
LD	40	1	-13,84186896	-42,39220375
FL	45	1	-13,91311308	-42,41287175
VS	250	1	-14,08892024	-42,66870934
VS	250	1	-14,097772	-42,67190314

LD	40	1	-14,0678588	-42,64687284
ME	70	1	-14,05133257	-42,63600904
VS	70	1	-14,02679707	-42,71874939
VS	70	1	-14,06516366	-42,60531536
VS	150	1	-14,04850926	-42,68003011
VS	70	1	-14,06664938	-42,760296
VS	250	1	-14,04799054	-42,69076255
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VS	250	1	-14,0888772	-42,66793112
VS	70	1	-14,02825926	-42,71042868
VS	70	1	-14,06362888	-42,65302949
VS	70	1	-14,06572822	-42,74008051
VS	70	1	-14,02437869	-42,71715835
VS	70	1	-14,02696622	-42,71353624
VM	125	1	-14,08138464	-42,64020454
VS	70	1	-14,02846966	-42,70959587
LD	40	1	-13,80006409	-42,32714331
ME	400	1	-14,07687507	-42,65994555
VS	70	1	-14,02628298	-42,71832181
VS	70	1	-14,02584277	-42,71431992
LD	40	1	-14,02850533	-42,71879044
VS	70	1	-14,02546214	-42,71767103
VS	70	1	-14,02471525	-42,71647412
VS	250	1	-14,10911618	-42,67292749
VS	70	1	-14,02005055	-42,64962391
VS	70	1	-14,01946185	-42,65221272
VS	250	1	-14,09634658	-42,66941825
VS	70	1	-14,02475733	-42,71752994
VS	70	1	-14,0642557	-42,71975557
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VM	125	1	-14,10203121	-42,68448625
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VS	70	1	-14,05187479	-42,63611241
VS	70	1	-14,0234903	-42,71794273
ME	70	1	-14,08922118	-42,67103525
VS	250	1	-14,05330495	-42,6977339
VS	70	1	-14,02838212	-42,71902527
VS	70	1	-14,02881326	-42,71819158
VS	70	1	-14,02617593	-42,71478397
VS	250	1	-14,08824182	-42,67985849
VS	70	1	-14,07937954	-42,76170964
VS	70	1	-14,08162657	-42,76065547
VS	70	1	-14,08427475	-42,75828322
LD	40	1	-14,02649227	-42,71482199
VS	250	1	-14,04478857	-42,67846326
VS	70	1	-14,10154893	-42,68556865
VS	70	1	-14,02506616	-42,71704935
LD	30	1	-13,80987991	-42,31513815
VM	125	1	-14,07659998	-42,76839745
VS	70	1	-14,06010308	-42,65288059
VS	70	1	-13,83582396	-42,31078904
VS	70	1	-14,09011899	-42,67006524
LD	40	2	-14,06339047	-42,60594507
VS	70	1	-14,01014155	-42,65872535
VS	250	1	-14,0964892	-42,66907842
VS	250	1	-14,04197186	-42,68337268
VS	250	1	-14,04901198	-42,69084896
VS	70	1	-14,08996883	-42,67323566
VS	70	1	-14,02801278	-42,71123359
VS	70	1	-14,02492663	-42,71531722
VS	70	1	-14,02742876	-42,71915881
VS	70	1	-14,0866715	-42,58041717

VS	70	1	-14,08625579	-42,58033275
VS	70	1	-14,08712338	-42,58050167
ME	250	1	-14,08897176	-42,57888528
ME	250	1	-14,089034	-42,5793208
VM	125	1	-14,089034	-42,5793208
LD	30	1	-14,02251813	-42,5709775
VS	70	1	-14,01393416	-42,5783264
LD	14	1	-14,0077012	-42,58920595
FL	30	1	-14,0069327	-42,5803098
VM	125	1	-14,01261681	-42,57960249
VS	250	1	-14,01323863	-42,58351043
LD	15	1	-14,01879022	-42,57010404
LD	14	1	-14,00894562	-42,59012946
LD	15	1	-14,01905107	-42,56952767
LD	30	1	-13,97629061	-42,59176016
ME	400	1	-13,97541759	-42,59749827
HL	500	1	-14,01877143	-42,56925269
LD	100	1	-13,98095845	-42,59451261
MT	160	1	-13,97498332	-42,59760826
LD	40	1	-14,01217821	-42,58253776
VS	70	1	-13,99971807	-42,59530124
LD	14	1	-14,00851706	-42,58978741
LD	30	1	-14,02247814	-42,57183085
LD	100	1	-13,98018613	-42,58864057
LD	40	1	-14,02103085	-42,57002454
LD	40	1	-14,01252402	-42,58289005
VM	125	1	-13,97687259	-42,59040061
LD	30	1	-14,29364292	-42,4626992
LD	30	1	-13,98453843	-42,47242271
ME	70	1	-14,05485372	-42,48306436
LD	40	1	-14,09998424	-42,42244219
LD	40	1	-14,10301437	-42,40664916
VS	70	1	-14,05484818	-42,48343936
LD	40	1	-14,02854605	-42,46242109
LD	40	1	-14,02881609	-42,46258582
LD	40	1	-14,01804765	-42,47023583
VS	70	1	-14,06902963	-42,46551414
VS	70	1	-14,07735968	-42,49277876
VS	70	1	-14,01804765	-42,47023583
VS	70	1	-14,06152228	-42,47639594
LD	30	1	-13,96608765	-42,52547689
VS	70	1	-13,97012085	-42,52697677
VS	70	1	-13,9655008	-42,52490712
VS	150	1	-13,96909785	-42,52660589
VS	70	1	-14,06143904	-42,47665122
LD	30	1	-13,97215929	-42,52708137
LD	200	2	-14,06896873	-42,48585892
VS	70	1	-14,05621685	-42,47264493
VS	250	2	-14,0648563	-42,4895737
VS	70	1	-14,05922633	-42,48807057
VS	70	1	-14,05550073	-42,47427319
VS	70	1	-14,07984108	-42,49273636
VS	70	1	-14,05293443	-42,48749231
LD	40	1	-14,04729615	-42,47648442
VS	70	1	-14,0759584	-42,49014376
ME	150	1	-14,07866981	-42,49482568
LD	40	1	-14,04701527	-42,47632111
ME	70	1	-14,01348828	-42,73179833
ME	150	1	-14,08050056	-42,49730494
ME	250	2	-14,06484928	-42,49277241
VS	70	1	-14,05139089	-42,4858337
PL	40	1	-13,91028407	-42,39577053

VS	70	1	-14,05565246	-42,47703634
LD	40	1	-14,06414047	-42,48131025
VS	70	1	-14,04907278	-42,474817
VS	400	1	-14,06895225	-42,4895546
VS	400	1	-14,07013579	-42,49001098
VS	70	1	-14,06747372	-42,48741186
FL	45	1	-13,9596962	-42,46773672
VS	70	1	-14,06117782	-42,47577994
PL	45	1	-13,90696964	-42,35139324
PL	40	1	-13,81860448	-42,27225132
VS	70	1	-14,05220688	-42,48053518
VS	250	2	-14,0649357	-42,49082233
LD	40	1	-14,06094163	-42,49675558
LD	50	1	-13,65130881	-42,69701523
VS	250	1	-14,0982827	-42,6631493
VS	70	1	-14,04805961	-42,47709411
VS	150	1	-14,07317198	-42,48363391
VS	70	1	-14,06640605	-42,48620781
VS	400	2	-14,05754644	-42,49335626
VM	250	1	-13,96945305	-42,46016921
VS	70	1	-14,06067934	-42,48941665
VS	250	1	-14,07041301	-42,49153062
VS	70	1	-14,07311274	-42,48441342
VS	70	1	-14,06647761	-42,49263372
LD	30	1	-13,78912953	-42,42712062
VS	70	1	-13,7102401	-42,27853885
VS	150	1	-13,69378738	-42,28137155
LD	30	1	-13,80595296	-42,36720679
VS	70	1	-14,06760598	-42,49354384
VS	250	1	-14,06448455	-42,4900916
VS	70	1	-14,06279924	-42,50067471
LD	40	1	-14,0575952	-42,47472086
VS	70	1	-14,05458771	-42,47909852
VS	250	1	-14,06737516	-42,49588673
VS	70	1	-14,06162326	-42,50094076
LD	40	1	-14,05929055	-42,4876076
VS	250	1	-13,99641534	-42,59263534
LD	30	1	-14,21357437	-42,36506217
VS	70	1	-14,07137628	-42,48100597
LD	40	1	-13,63114582	-42,2843417
VS	70	1	-14,07518846	-42,49527366
VS	250	2	-14,07145655	-42,48518799
VS	70	1	-14,05867305	-42,4798725
VS	70	1	-14,05284092	-42,47997153
VS	70	1	-14,06322638	-42,49076507
VS	250	1	-14,06753474	-42,49300647
VS	250	1	-14,05795969	-42,47939865
VS	70	1	-14,17833417	-42,41504067
LD	40	1	-14,16697736	-42,45528295
VS	70	1	-14,18180158	-42,40715138
VS	70	1	-14,17793651	-42,41493801
VS	70	1	-14,17900581	-42,4239382
LD	40	1	-14,17061791	-42,45698598
LD	30	1	-14,17169043	-42,4492134
LD	9	1	-14,17169043	-42,4492134
ME	70	1	-14,17995098	-42,40001246
LD	40	1	-14,18052215	-42,46450279
VS	70	1	-14,17860436	-42,41565278
VS	70	1	-14,18030418	-42,41040145
LD	30	1	-14,17645779	-42,46224269
VS	70	1	-14,1603354	-42,45809594
VS	70	1	-14,18049824	-42,4025804

LD	50	1	-14,17766696	-42,45401613
LD	40	1	-14,17789387	-42,42893102
FL	45	1	-14,17072555	-42,44783077
LD	40	1	-14,19037202	-42,45794296
LD	30	1	-14,1740132	-42,39295003
LD	40	1	-14,17813044	-42,41782039
LD	50	1	-14,18039154	-42,40150523
PL	45	1	-14,17172196	-42,43200525
VS	70	1	-14,17916935	-42,41309612
LD	40	1	-14,16847858	-42,45511913
VS	70	1	-14,17713077	-42,41027529
LD	30	1	-14,17727824	-42,45397829
LD	40	1	-14,1808373	-42,4557461
LD	27	1	-14,17119462	-42,44841549
LD	20	1	-14,17433449	-42,45195229
LD	50	1	-14,1788773	-42,42503147
VS	70	1	-14,17874087	-42,41514334
LD	50	1	-14,17088236	-42,4698949
FL	45	1	-14,17472122	-42,45304653
VS	70	1	-14,17878669	-42,41479128
LD	30	1	-14,17264045	-42,39197466
VS	70	1	-14,16078766	-42,45800418
LD	40	1	-14,1764895	-42,45985191
LD	40	1	-14,17766778	-42,45358059
LD	40	1	-14,20956006	-42,46627724
LD	40	1	-14,1517447	-42,43925984
VS	70	1	-14,15823834	-42,43834566
LD	40	1	-14,17823062	-42,41740356
VS	70	1	-14,18084917	-42,40359113
LD	40	1	-14,17881625	-42,39178137
LD	50	1	-14,16098868	-42,4569019
LD	30	1	-14,17656817	-42,46126063
VS	70	1	-14,16777355	-42,45500653
VS	70	1	-14,17998695	-42,41085497
LD	40	1	-14,17281345	-42,45781511
LD	30	1	-14,17234791	-42,45057689
PL	30	1	-14,17234791	-42,45057689
LD	50	1	-14,17945866	-42,46273064
LD	40	1	-14,17830384	-42,41689401
VS	70	1	-14,17704119	-42,40978398
VS	70	1	-14,16765652	-42,45473757
VS	70	1	-14,16073163	-42,45893996
LD	50	1	-14,17782384	-42,39596834
LD	30	1	-14,17609287	-42,45922096
VS	70	1	-14,17801169	-42,41851519
LD	30	1	-14,17620974	-42,45957334
LD	50	1	-14,17320905	-42,39260578
LD	30	1	-14,17649527	-42,46155702
VS	70	1	-14,21802673	-42,43559639
LD	50	1	-14,22045749	-42,43637961
VS	70	1	-14,0806323	-42,64091569
LD	40	1	-14,227021	-42,43676294
VS	70	1	-14,21092239	-42,43518466
LD	40	1	-14,21126651	-42,43513369
VS	250	1	-14,07618503	-42,6438766
LD	40	1	-13,98826933	-42,41838419
VM	125	1	-14,08041725	-42,64018333
LD	30	1	-14,21286597	-42,44435439
LD	40	1	-14,2183432	-42,43558773
LD	30	1	-14,23928222	-42,44125433
LD	30	1	-14,23902802	-42,49275454
LD	30	1	-14,23614975	-42,48540706

VS	70	1	-14,21579684	-42,44846603
LD	30	1	-14,21291074	-42,44459546
LD	30	1	-14,14860768	-42,5761261
LD	40	1	-13,98645382	-42,55365536
VS	70	1	-14,14690274	-42,57449109
LD	15	1	-13,98742584	-42,55431618
VS	70	1	-13,99361876	-42,54761851
VS	70	1	-14,1479692	-42,57467907
VS	70	1	-14,08317137	-42,56089745
LD	40	1	-14,08881938	-42,57832911
VS	70	1	-14,14808456	-42,57558739
LD	40	1	-14,08475836	-42,55941988
VS	70	1	-14,14653301	-42,57408248
VS	70	1	-14,14722072	-42,57385257
ME	70	1	-14,14859138	-42,57538482
ME	150	1	-14,08154189	-42,56159487
VS	70	1	-14,14828472	-42,57506902
VS	70	1	-14,08295398	-42,5609513
VS	70	1	-14,08792944	-42,58072797
LD	40	1	-14,09899629	-42,58554541
LD	30	1	-14,12688038	-42,58034935
VS	70	1	-14,14722741	-42,57483473
VS	70	1	-14,14759938	-42,57430753
VS	70	1	-14,14772368	-42,57526219
LD	40	1	-13,9869989	-42,55415415
VS	70	1	-14,08579487	-42,58024823
LD	40	1	-14,09845257	-42,58604583
LD	40	1	-14,08575911	-42,55917452
LD	40	1	-13,99347166	-42,54869225
VS	70	1	-14,14889797	-42,57572841
VS	70	1	-14,14920407	-42,57627585
VS	70	1	-14,03837723	-42,53461044
VS	250	1	-14,0609761	-42,49021382
VS	70	1	-14,03881106	-42,53468553
VS	70	1	-14,05930408	-42,52851813
VS	70	1	-14,03927204	-42,53475142
VS	250	1	-14,06055988	-42,49036113
VS	70	1	-14,0400486	-42,53521628
VS	70	1	-14,09041671	-42,67029768
LD	30	1	-14,02568884	-42,71744948
VS	70	1	-14,02828464	-42,71881772
VS	250	1	-14,10063231	-42,67353863
VS	70	1	-14,10063231	-42,67353863
VS	250	1	-14,08857056	-42,66765234
FL	45	1	-14,18043521	-42,38020956
LD	40	1	-14,02617776	-42,71416352
LD	40	1	-13,80202161	-42,3252971
VS	70	1	-14,02499422	-42,71386354
LD	40	1	-14,02639525	-42,71399751
VS	70	1	-14,06562538	-42,60507575
VS	70	1	-14,0909654	-42,68062027
VS	70	1	-14,08950804	-42,668674
VS	70	1	-14,02507165	-42,71519728
VS	70	1	-14,06388798	-42,75908934
VS	70	1	-14,02424052	-42,71801914
LD	40	1	-14,02338749	-42,71907217
VS	70	1	-14,01853782	-42,72628005
VS	70	1	-14,05100274	-42,69342961
VS	250	1	-14,09677882	-42,67140928
VS	150	1	-14,068747	-42,76103239
LD	40	1	-13,80791857	-42,31268203
VS	70	1	-14,02404416	-42,71715731

VS	70	1	-14,06974151	-42,76198912
VS	400	1	-14,02520609	-42,7155959
VS	70	1	-14,02520609	-42,7155959
VS	250	1	-14,09509221	-42,66992223
VS	70	1	-13,83998688	-42,30953762
LD	40	1	-14,05439507	-42,62661685
VS	70	1	-14,05183943	-42,63580668
VS	70	1	-14,02431691	-42,71664884
LD	40	1	-13,80367909	-42,31672457
LD	40	1	-14,02534251	-42,71532777
VS	70	1	-14,06298941	-42,60557196
VS	70	1	-14,03206124	-42,71647658
VS	70	1	-14,02469898	-42,71586288
LD	30	1	-14,01908587	-42,65084921
VS	70	1	-14,07003437	-42,73824846
VS	70	1	-14,06367745	-42,75703251
VM	125	1	-14,09978448	-42,6686829
VS	250	1	-14,04738514	-42,69063108
LD	40	1	-14,07761748	-42,65918138
VS	250	1	-14,04943968	-42,6930452
VS	70	1	-14,06322603	-42,75682727
VS	70	1	-14,02426033	-42,7174358
VS	70	1	-14,10166033	-42,68454999
LD	40	1	-14,02450598	-42,71691797
VS	70	1	-14,06388412	-42,75744071
ME	400	1	-14,02163743	-42,71773326
VS	70	1	-14,08973127	-42,66968432
VS	70	1	-14,09331844	-42,67050992
VS	70	1	-14,02408755	-42,71776863
VM	125	1	-14,1025419	-42,68295001
VS	250	1	-14,05176503	-42,6955991
VS	250	1	-14,04570846	-42,68886642
VS	70	1	-14,00360711	-42,67144173
VS	70	1	-14,02407535	-42,71883354
VS	70	1	-14,02460802	-42,71604781
VS	70	1	-14,08924718	-42,73801596
LD	20	1	-14,0271373	-42,64959814
VS	70	1	-14,0260048	-42,71456119
VS	70	1	-14,0240346	-42,71733323
VS	70	1	-14,05795969	-42,47939865
VS	70	1	-14,06617858	-42,48293986
VS	70	1	-14,06426545	-42,48211633
LD	20	1	-13,90338158	-42,34324221
ME	150	1	-14,07933697	-42,49545717
VS	150	1	-14,07840914	-42,49415672
VS	150	1	-14,07653436	-42,49569828
ME	150	1	-14,07797754	-42,49599112
ME	150	1	-14,07736733	-42,49664358
ME	150	1	-14,08181837	-42,49933303
ME	150	1	-14,08233055	-42,49987649
VS	70	1	-13,93041785	-42,49071099
ME	150	1	-14,08087344	-42,49677526
VS	70	1	-14,06829371	-42,48430141
LD	40	1	-14,05908549	-42,48620647
LD	40	2	-14,05397322	-42,48799464
VS	150	1	-14,07140282	-42,48038988
VS	70	1	-13,63005238	-42,2837487
VS	70	1	-14,07061124	-42,48838308
VS	70	1	-14,05594328	-42,47945004
VS	70	1	-14,06710016	-42,48882821
VS	400	2	-14,06203879	-42,49656344
LD	40	1	-14,03102399	-42,71614508

VS	70	1	-14,06444297	-42,47922687
VS	70	1	-13,63603009	-42,57086085
VS	70	1	-14,146114	-42,43798894
VS	70	1	-14,06364315	-42,49920384
LD	40	1	-13,94591722	-42,43225792
VS	70	1	-14,06015542	-42,48011639
VS	70	1	-14,06015547	-42,47323882
VS	70	2	-14,06306252	-42,49131119
VS	70	1	-14,07019077	-42,49410512
VS	70	1	-14,07474935	-42,49334608
VS	70	1	-14,068336	-42,49594047
VS	250	1	-14,01524624	-42,68045675
VS	250	1	-14,0657496	-42,4814618
VS	250	1	-14,06700628	-42,49022783
LD	70	1	-14,07313149	-42,48340207
VS	70	1	-14,05020832	-42,47722422
VS	70	1	-14,07601011	-42,47934963
VS	250	1	-14,05832463	-42,4826313
VS	70	1	-13,63574326	-42,57118661
VS	70	1	-14,07092034	-42,48655772
VS	70	1	-14,06812475	-42,48288391
VS	70	1	-14,07017021	-42,48195731
VS	70	1	-13,70101137	-42,29084279
LD	30	1	-13,68764011	-42,28228036
VS	70	1	-13,92702627	-42,49651279
VS	70	1	-13,61162276	-42,33839586
LD	40	1	-14,06104811	-42,48135011
VS	70	1	-14,05636617	-42,48049752
VS	250	1	-14,06865166	-42,4950929
VS	70	1	-14,05569977	-42,47752852
VS	70	1	-14,0636371	-42,48544572
VS	70	1	-14,06843071	-42,48361628
VS	70	1	-14,05989176	-42,48093749
VS	70	1	-14,07008229	-42,48514805
VS	70	1	-14,0558166	-42,47453021
VS	70	1	-14,06035755	-42,4830529
VS	250	1	-14,04872264	-42,48810497
ME	250	1	-14,04892555	-42,48845428
VS	70	1	-14,07420433	-42,49013077
LD	30	1	-13,981272	-42,45673615
VS	70	1	-13,81554613	-42,41517092
LD	30	1	-13,80254992	-42,3618233
VS	70	1	-13,84156863	-42,39341547
VS	70	1	-13,8379113	-42,38974261
LD	40	1	-13,8405849	-42,38879781
VS	70	1	-13,83903471	-42,3902349
VS	70	1	-13,85798275	-42,44550118
LD	20	1	-13,80168034	-42,36641456
VS	70	1	-13,84288578	-42,3896237
VS	250	1	-13,8267508	-42,40331914
PL	30	1	-13,93610444	-42,42996409
VS	70	1	-13,8387731	-42,38871006
LD	30	1	-13,80641869	-42,48529504
PL	45	1	-13,88039927	-42,39077793
VS	250	1	-13,83056375	-42,39947638
VS	70	1	-13,84233972	-42,39184365
LD	40	1	-13,87286093	-42,4112369
VS	70	1	-13,8432469	-42,38997593
LD	40	1	-13,84186157	-42,38946395
PL	45	1	-13,91042407	-42,39305869
VS	70	1	-13,84376403	-42,39200823
LD	40	1	-13,84036697	-42,38714885

LD	40	1	-13,84143545	-42,39092021
VS	70	1	-13,84143545	-42,39092021
VS	70	1	-13,73230405	-42,35713221
LD	40	1	-13,84014904	-42,3864716
LD	30	1	-13,85692105	-42,44703951
VS	250	1	-13,8300154	-42,40304713
LD	30	1	-13,80178285	-42,3655207
VS	70	2	-13,84085707	-42,38930572
VS	70	1	-13,91596445	-42,41634794
VS	70	1	-13,84166188	-42,39283848
VS	70	1	-13,84304222	-42,39109231
LD	40	1	-13,84144638	-42,39052881
VS	70	1	-13,8396778	-42,38621811
LD	30	1	-13,85758938	-42,44597452
PL	45	1	-13,89265459	-42,36928908
VS	70	1	-13,83947741	-42,38932195
PL	45	1	-13,93351221	-42,4283671
VS	70	1	-13,8425055	-42,38994694
LD	40	1	-13,83745076	-42,3889046
LD	40	1	-13,83989754	-42,38752876
VS	70	1	-13,84359964	-42,38991174
PL	40	1	-13,88197551	-42,38893878
VS	250	1	-13,73156646	-42,3577139
LD	40	1	-13,86986956	-42,42098604
PL	45	1	-13,93560766	-42,42966695
LD	9	1	-13,85894275	-42,44579783
LD	30	1	-13,80011457	-42,35772179
LD	15	1	-13,86161777	-42,44243111
VS	70	1	-13,8405292	-42,38748224
PL	45	1	-13,92774886	-42,42526476
ME	70	1	-13,84067833	-42,390885
VS	70	1	-13,84039168	-42,38839061
VS	70	1	-13,84172825	-42,39260938
VS	70	1	-13,84424997	-42,39034774
LD	40	1	-13,84007233	-42,38821094
PL	40	1	-13,8831702	-42,38820961
PL	45	1	-13,94130268	-42,43556512
ME	250	1	-13,82662287	-42,40413318
LD	40	1	-13,83862704	-42,38958889
LD	40	1	-13,84359854	-42,39060576
VS	70	1	-13,84143051	-42,39129969
VS	70	1	-13,74707436	-42,49909898
LD	30	1	-13,76747993	-42,43175076
VS	70	1	-13,73336272	-42,53331656
LD	30	1	-13,76171298	-42,43921203
LD	30	1	-13,84340957	-42,49166183
VS	70	1	-13,73345141	-42,52975206
VS	70	1	-13,74709224	-42,49969322
VS	70	1	-13,74087016	-42,54558161
VS	70	1	-13,74029815	-42,50836458
ME	70	1	-13,77618594	-42,46740825
LD	30	1	-13,76343838	-42,43813534
VS	70	1	-13,73502825	-42,51698863
VM	80	1	-13,75162913	-42,46089878
VS	70	1	-13,74875911	-42,47445379
VS	70	1	-13,7898329	-42,46249646
LD	30	1	-13,78930553	-42,46078725
VS	70	1	-13,74203376	-42,50629272
LD	50	1	-13,7502485	-42,47285248
VS	70	1	-13,75041666	-42,47784136
VS	70	1	-13,79927929	-42,45643755
VM	80	1	-13,7507784	-42,46329618

VS	70	1	-13,7394456	-42,51015852
VS	70	1	-13,75307803	-42,4817639
VS	70	1	-13,75049362	-42,46792473
LD	40	1	-13,75462372	-42,46844367
VS	70	1	-13,74901456	-42,47486832
VS	70	1	-13,75081774	-42,46421043
VS	70	1	-13,74050871	-42,54535796
VS	70	1	-13,74783174	-42,49608461
VS	70	1	-13,73325855	-42,52018063
VM	80	1	-13,75187229	-42,46054915
VS	70	1	-13,73349089	-42,52502944
VS	70	1	-13,7518163	-42,47912705
VM	80	1	-13,79109439	-42,45991259
VS	70	1	-13,75079345	-42,46279348
VS	70	1	-13,74773798	-42,49661859
VS	70	1	-13,73310922	-42,52131942
LD	30	1	-13,83167761	-42,47720002
ME	70	1	-13,74956783	-42,47454486
VM	125	1	-13,7467841	-42,50254065
VS	70	1	-13,74856753	-42,47392756
VS	70	1	-13,74876311	-42,49280566
PL	45	1	-13,84920474	-42,49364625
VS	70	1	-13,73429347	-42,5172621
VS	70	1	-13,73337935	-42,5307631
VS	70	1	-13,74887816	-42,47695758
VS	70	1	-13,74963708	-42,46663388
ME	70	1	-13,73339292	-42,5312636
VS	70	1	-13,7470722	-42,4985156
VS	70	1	-13,74167657	-42,50665897
VM	80	1	-13,75207716	-42,46016993
VS	70	1	-13,75385206	-42,47196853
VS	250	1	-13,76277666	-42,43815465
PL	45	1	-13,78566542	-42,46237784
VS	70	1	-13,75234106	-42,45965947
ME	70	1	-13,78606381	-42,4621355
PL	45	1	-13,81397209	-42,46362028
VS	70	1	-13,74705423	-42,50024655
VS	70	1	-13,74985903	-42,47710043
VS	70	1	-13,75534622	-42,47145942
VS	70	1	-13,75033073	-42,47151224
VS	70	1	-13,74565547	-42,50356857
LD	40	1	-14,26211788	-42,40330549
VS	70	2	-14,06238338	-42,65220165
ME	250	1	-14,09050571	-42,67080741
LD	75	1	-13,804116	-42,32146278
VS	70	1	-14,02468906	-42,71920586
LD	30	1	-14,07685765	-42,657716
VS	70	1	-14,02916011	-42,71894536
VS	70	1	-14,08880659	-42,66731029
VS	70	1	-14,09962652	-42,68436794
VS	70	1	-14,02204423	-42,71775304
VS	70	1	-14,06542654	-42,60504744
VS	70	1	-14,02361762	-42,71769309
LD	40	1	-14,06478994	-42,64828133
VS	70	1	-14,02433005	-42,71831575
VS	70	1	-14,07978432	-42,76746291
VS	70	1	-14,06189742	-42,65135744
VS	70	1	-14,02523623	-42,71457734
ME	70	1	-14,10288808	-42,68837951
VS	70	1	-14,02383497	-42,71757338
VS	70	1	-14,09452066	-42,67061532
ME	70	1	-14,08983252	-42,66577559

VS	70	1	-14,06582504	-42,60477988
VM	125	1	-14,10217379	-42,68521849
LD	40	1	-14,07739508	-42,6586764
LD	40	1	-14,06389723	-42,60915192
VS	70	1	-14,05088229	-42,6975784
VS	70	1	-14,0280954	-42,71080786
LD	40	1	-14,02522734	-42,7175777
VM	125	1	-14,07996628	-42,63976526
VS	70	1	-14,06468559	-42,75269196
VS	70	1	-14,00363155	-42,67032258
VS	70	1	-14,06698326	-42,76044529
VS	70	1	-14,0249788	-42,71602118
VS	70	1	-14,08942422	-42,66629314
VS	70	1	-14,02363538	-42,71780427
VS	70	1	-14,02543661	-42,71713385
LD	40	1	-14,02710379	-42,71898185
VS	70	1	-14,10044639	-42,66969566
VS	70	1	-14,02576847	-42,71498645
VS	70	1	-14,09069648	-42,67048376
VS	250	1	-13,80243575	-42,32426348
VS	70	1	-14,02613033	-42,7150071
VS	70	1	-14,08092958	-42,7639953
LD	40	1	-14,07671926	-42,66012054
VS	70	1	-14,04505669	-42,68914232
VS	70	1	-14,07793186	-42,76136233
VS	250	1	-14,04866942	-42,6967845
VS	70	2	-14,10115198	-42,68526177
VS	70	1	-14,06193088	-42,65235783
VS	250	1	-14,04346503	-42,68290477
VS	250	1	-14,09736038	-42,66711275
VS	70	1	-14,02559013	-42,71414319
VM	80	1	-14,06409085	-42,75783039
VS	70	1	-14,02551873	-42,71382812
PL	30	1	-14,09617384	-42,67112035
VS	70	1	-14,0812286	-42,7714196
VS	70	1	-14,0897346	-42,73928145
VS	70	1	-14,02558027	-42,71442097
VS	70	1	-14,0260493	-42,7148021
VS	150	1	-14,10153158	-42,67893589
VS	70	1	-14,02447177	-42,71626038
VS	70	1	-14,02750111	-42,71304708
VS	70	1	-14,05495478	-42,65423676
VS	70	1	-13,99992783	-42,66191437
VS	70	1	-14,07364121	-42,48238601
VS	70	1	-14,05687828	-42,4946729
VS	70	1	-14,07586617	-42,49104205
VS	70	1	-14,07836772	-42,49238956
VS	70	1	-13,67487348	-42,29555363
VS	70	1	-13,67687042	-42,29837055
VS	70	1	-13,61567486	-42,71157273
ME	150	1	-14,07853562	-42,49505002
ME	150	1	-14,07884411	-42,49457133
VS	150	1	-14,07790566	-42,49453097
ME	150	1	-14,07872421	-42,49435191
ME	150	1	-14,0776858	-42,49650458
ME	150	1	-14,07806239	-42,49716222
VS	150	1	-14,05203345	-42,68352005
LD	40	1	-13,83376625	-42,23571694
VS	70	1	-13,93075957	-42,48970501
VS	70	1	-14,06461731	-42,49377512
LD	30	1	-13,86195115	-42,4442278
VS	70	1	-14,08735138	-42,49985015

VS	70	1	-14,06805277	-42,49613827
VS	70	1	-14,06462443	-42,49758961
VS	70	1	-14,06371392	-42,48210591
VS	70	1	-14,05895299	-42,48910734
VS	70	1	-14,07272502	-42,47932743
VS	250	1	-14,06682144	-42,49122212
VS	250	1	-14,06992401	-42,48539679
VS	70	1	-14,07234538	-42,49034088
VS	70	1	-14,06093664	-42,47570368
LD	70	1	-14,06791328	-42,48464332
VS	70	1	-14,0676755	-42,48598587
VS	70	1	-14,05837832	-42,47286266
ME	70	1	-14,34909646	-42,50839386
VS	70	2	-13,68786796	-42,27892821
VS	70	1	-13,83965646	-42,38777025
VS	70	1	-13,69373101	-42,27956012
VS	70	1	-13,63064009	-42,28377714
VS	250	1	-13,96292835	-42,45133835
VS	250	1	-14,06067707	-42,48151606
VS	400	1	-14,06596484	-42,49023664
VS	70	1	-14,05768007	-42,475196
LD	40	1	-14,05547712	-42,48198684
VS	150	1	-13,94583536	-42,55179199
LD	20	1	-14,01569347	-42,43302383
VS	70	1	-14,06432055	-42,49955727
VS	400	2	-14,06083776	-42,49599698
VS	70	1	-14,06760912	-42,49643371
VS	70	1	-14,05572327	-42,47560162
LD	70	1	-14,06456472	-42,49588522
VS	250	1	-14,06650856	-42,49590339
VS	70	1	-14,05534662	-42,47825448
LD	30	1	-13,80458879	-42,36781327
VS	250	1	-14,09926293	-42,63917189
VS	70	1	-13,6848745	-42,30709043
VS	70	1	-14,07585304	-42,49167124
VS	70	1	-14,0759928	-42,49132974
VS	70	1	-14,07685186	-42,49097005
VS	150	1	-14,07918131	-42,49574714
ME	150	1	-14,07810562	-42,49742399
LD	30	1	-14,10672287	-42,58610404
VS	70	1	-13,93074082	-42,49071166
VS	250	1	-14,06780392	-42,48957069
ME	150	1	-14,08105749	-42,49750177
LD	30	1	-14,01994308	-42,65018358
VS	70	1	-14,17891419	-42,41425403
VS	70	2	-14,16089741	-42,4573465
LD	9	1	-14,17100567	-42,47156314
LD	30	1	-14,17812402	-42,41630986
LD	50	1	-14,17876798	-42,42549461
VS	70	1	-14,16072344	-42,45849516
VS	70	1	-14,17847643	-42,42162048
LD	50	1	-14,17396984	-42,46302533
LD	40	1	-14,17229014	-42,45723026
LD	20	1	-14,17693913	-42,46113164
LD	50	1	-14,17877953	-42,39761953
LD	50	1	-14,1779586	-42,39649679
VS	70	1	-14,17845851	-42,41633827
VS	250	1	-14,03258008	-42,67511013
VS	250	1	-14,01489889	-42,67941711
VS	250	1	-14,01705908	-42,68176701
VS	250	1	-14,01797834	-42,68150858
VS	250	1	-14,01538105	-42,68308507

VS	250	1	-14,01580485	-42,68134754
VS	250	1	-14,01282684	-42,67606308
VS	250	1	-14,01100734	-42,67854342
VS	250	1	-14,01362156	-42,67888212
VS	250	1	-14,01343794	-42,67655444
VS	250	1	-14,01194685	-42,68249619
VS	70	1	-14,03288921	-42,67514308
LD	30	1	-13,9813797	-42,43643151
LD	40	1	-13,98643882	-42,4304776
LD	40	1	-14,01360101	-42,45290357
LD	40	2	-14,0172744	-42,44085536
LD	40	1	-14,01444236	-42,45265704
VS	70	1	-13,98712925	-42,43176442
ME	70	1	-14,04571297	-42,47494087
LD	40	1	-14,08013623	-42,49462922
LD	40	1	-13,83847852	-42,38910608
VS	70	1	-14,02646005	-42,71498488
VS	70	1	-14,02736083	-42,71453287
VS	70	1	-13,70810227	-42,49621613
LD	30	1	-13,99905295	-42,58834211
ME	70	1	-13,84276106	-42,39309534
VS	70	1	-14,07032265	-42,49430491
LD	30	1	-13,85569436	-42,3745894
VS	70	1	-14,07701035	-42,49497209
LD	40	1	-14,10424603	-42,58572802
VS	250	1	-14,06029818	-42,48126103
VS	70	1	-13,68321964	-42,51114072
VS	250	1	-13,92543201	-42,42413594
VS	70	1	-14,06784489	-42,4939732
VS	70	1	-14,06258629	-42,48593153
VS	250	1	-14,06028094	-42,48161332
LD	40	1	-13,97325454	-42,42641352
LD	40	1	-13,83969058	-42,38826556
VS	70	2	-14,06128499	-42,47834013
ME	70	1	-14,05730339	-42,47274394
ME	70	1	-14,05402963	-42,49064448
LD	40	1	-14,04600868	-42,47970524
LD	40	1	-14,06242714	-42,47350633
VS	70	1	-14,06138013	-42,48038671
VS	70	1	-14,0764909	-42,49204515
VS	70	1	-14,0538984	-42,48999309
ME	70	1	-14,06790228	-42,47480337
VS	150	1	-13,70275231	-42,51680803
VS	250	1	-14,07595588	-42,49498344
LD	30	2	-13,63816801	-42,2439742
VS	70	1	-13,84106794	-42,38987053
PL	45	1	-13,93855359	-42,4357544
PL	30	1	-13,93815581	-42,43571663
VS	70	1	-13,84220788	-42,38946526
LD	30	1	-13,91379941	-42,41338206
LD	30	1	-13,78732515	-42,36682175
VS	70	1	-13,84374006	-42,39223685
VS	70	1	-13,84131139	-42,3902966
LD	30	1	-13,86890952	-42,42640111
LD	30	1	-13,85278697	-42,349673
LD	20	1	-13,80210222	-42,3664241
PL	45	1	-13,91176406	-42,40853744
VS	250	1	-13,81882777	-42,41014327
PL	45	1	-13,93430703	-42,42885919
VS	70	1	-13,83914559	-42,3905051
FL	45	1	-13,85796075	-42,44641248
ME	70	1	-13,72613691	-42,36730908

VS	70	1	-13,84337806	-42,39170055
LD	30	1	-13,80475659	-42,3674651
LD	30	1	-13,86192448	-42,4470094
VS	70	1	-13,84072635	-42,38860224
VS	70	1	-13,84097123	-42,39166037
LD	30	1	-13,80003146	-42,3571771
VS	250	1	-13,81706003	-42,36175718
VS	70	1	-13,83955832	-42,38961819
LD	40	1	-13,83888815	-42,38455546
PL	40	1	-13,8226869	-42,36981835
ME	70	1	-13,84110034	-42,39093095
VS	70	1	-13,84110034	-42,39093095
ME	70	1	-13,84044383	-42,38920279
LD	40	1	-13,84272074	-42,39105773
LD	30	1	-13,78711294	-42,36389159
VS	70	1	-13,84240484	-42,39211572
VS	70	1	-13,84135042	-42,39416464
PL	40	1	-13,91111415	-42,39125488
VS	70	1	-13,84216089	-42,39058487
LD	40	1	-13,92728494	-42,47196532
LD	9	1	-13,80848713	-42,49025289
PL	40	1	-13,88236472	-42,38868029
VS	70	1	-13,84067331	-42,38783411
LD	30	1	-13,81774268	-42,39741316
VS	70	1	-13,84251305	-42,39173622
PL	30	1	-13,93875456	-42,43460687
ME	70	1	-13,84141528	-42,39166407
LD	40	1	-13,85959775	-42,44624281
PL	40	1	-13,88581649	-42,39011131
VS	250	1	-13,80795158	-42,37672591
VS	70	1	-13,84243145	-42,39102023
VS	70	1	-13,83950527	-42,38885932
VS	70	1	-13,72865348	-42,36591673
VS	70	1	-13,83928442	-42,38556473
VS	70	1	-13,84260558	-42,38955846
VS	70	1	-13,84145428	-42,3901659
PL	45	1	-13,93248221	-42,42792088
VS	70	1	-13,84528554	-42,38967338
PL	45	1	-13,91218979	-42,41347179
PL	45	1	-13,90144955	-42,37013559
VS	250	1	-13,82604536	-42,37778393
VS	250	1	-13,81685878	-42,41424797
VS	250	1	-13,82961245	-42,39506106
VS	70	1	-13,84205534	-42,39438698
VS	70	1	-13,84389683	-42,39066177
LD	30	1	-13,92629466	-42,42437346
VS	70	1	-14,05667582	-42,47467804
VS	70	1	-14,06599606	-42,49639763
VS	70	1	-14,06304618	-42,49044977
VS	70	1	-14,05279477	-42,47280353
VS	70	1	-13,63010609	-42,28422952
VS	70	1	-14,04833554	-42,47604969
VS	70	1	-13,63113578	-42,28521075
VS	70	1	-13,63265165	-42,57087413
VS	250	1	-13,80022296	-42,28574903
VS	70	1	-14,07139079	-42,48225728
VS	70	1	-14,0624288	-42,50054423
VS	70	1	-14,06187019	-42,47455932
VS	70	1	-14,05755987	-42,48621336
VS	150	1	-14,07283497	-42,48414681
VS	70	1	-14,05344808	-42,48510847
VS	70	1	-14,07721338	-42,48204149

VS	70	1	-14,05800179	-42,49000374
VS	70	1	-14,05954996	-42,48899746
PL	33	1	-13,91413336	-42,41373439
ME	250	1	-13,69380299	-42,28099861
VM	125	1	-14,10100076	-42,63676532
VS	70	1	-14,05912854	-42,4827169
VS	250	1	-14,06919787	-42,49478304
VS	70	1	-14,07285663	-42,48709959
VS	70	1	-14,071982	-42,489172
VS	70	1	-14,07480624	-42,49204943
LD	30	1	-13,92984356	-42,47293255
VS	70	1	-14,0509415	-42,47621954
VS	70	1	-14,0745808	-42,49175254
LD	40	1	-14,062743	-42,49896645
VS	70	1	-14,06353735	-42,48833542
LD	100	1	-14,05762131	-42,48133371
ME	70	1	-14,0554058	-42,48147728
LD	40	1	-14,02985966	-42,53424365
VS	70	1	-14,05584834	-42,47425251
VS	250	1	-14,06748405	-42,49125577
VS	70	1	-14,06840677	-42,48654316
FL	45	1	-13,94400302	-42,44561149
ME	400	1	-13,94400302	-42,44561149
VS	150	1	-14,07246254	-42,48314854
VS	70	1	-14,05578707	-42,47488155
LD	100	1	-14,04913363	-42,48763071
VS	70	1	-14,05267725	-42,48498182
VS	70	1	-14,0709156	-42,47987016
VS	250	1	-14,06722753	-42,49290393
VS	70	1	-14,0579164	-42,4949227
VS	70	1	-14,07434626	-42,48248937
LD	12	1	-13,96682208	-42,46643084
VS	70	1	-14,05733371	-42,47402457
VS	70	2	-14,06144318	-42,48856745
LD	40	1	-14,05820272	-42,48450253
VS	70	1	-14,05279918	-42,48730679
VS	70	1	-14,07676941	-42,49149785
VS	70	1	-14,07771902	-42,49138872
LD	30	1	-13,96334649	-42,52465545
VS	250	1	-14,15377498	-42,43729796
ME	150	1	-14,07720329	-42,49541971
ME	150	1	-14,07839154	-42,4962221
ME	150	1	-14,07817686	-42,49659141
VS	70	1	-14,04767471	-42,47920394
ME	150	1	-14,08100845	-42,49795648
VS	70	1	-14,05921945	-42,48246701
VS	70	1	-14,07373602	-42,4936681
LD	40	1	-14,26234621	-42,4028052
LD	30	1	-14,26254013	-42,40297723
LD	40	1	-13,84161873	-42,39459676
LD	15	1	-13,85857441	-42,44557948
PL	45	1	-13,89523712	-42,38511041
PL	45	1	-13,86427442	-42,42955614
LD	9	1	-13,93060024	-42,47201727
VS	250	1	-13,82918472	-42,40232397
PL	45	1	-13,91074931	-42,39881662
PL	25	1	-13,86145811	-42,44357019
LD	30	1	-13,82323129	-42,39531767
LD	30	1	-13,92294865	-42,47637691
VS	70	1	-13,83963011	-42,38996069
VS	70	1	-13,7319327	-42,36333217
VS	250	1	-13,82633286	-42,40453981

VS	70	1	-13,84079026	-42,3882137
VS	70	1	-13,84013853	-42,38865679
LD	30	1	-13,80548748	-42,36768848
ME	70	1	-13,71947387	-42,36420017
VS	70	1	-13,71947387	-42,36420017
VS	70	1	-13,84212423	-42,39089017
VS	70	1	-13,84322787	-42,39056813
VS	70	1	-13,84407007	-42,38975521
VS	70	1	-13,84355827	-42,39198679
VS	70	1	-13,84179287	-42,39013352
VS	250	1	-13,82848746	-42,40295199
LD	50	2	-13,92203465	-42,41985775
PL	45	1	-13,92203465	-42,41985775
PL	45	1	-13,91175678	-42,40748222
VS	70	1	-13,84003921	-42,38788331
VS	250	1	-13,81314165	-42,40937468
VS	70	1	-13,84119577	-42,39474735
VS	70	1	-13,84097943	-42,38866743
LD	30	1	-13,80206274	-42,36046537
VS	70	1	-13,83911677	-42,38866436
PL	40	1	-13,88165855	-42,38924368
VS	70	1	-13,83842371	-42,38802917
LD	30	1	-13,80201941	-42,35943315
VS	70	1	-13,83903227	-42,38490732
VS	70	1	-13,84165965	-42,39304548
VS	70	1	-13,84096103	-42,38886172
LD	40	1	-13,92219647	-42,47623126
PL	40	1	-13,86829376	-42,38968427
PL	45	2	-13,88328571	-42,36116661
LD	30	1	-13,91091689	-42,39584565
LD	40	1	-13,84329261	-42,38966138
VS	70	1	-13,84009531	-42,38905943
LD	15	1	-13,91131321	-42,4077869
VS	70	1	-13,83971621	-42,3872082
VS	70	1	-13,84262081	-42,39135367
VS	250	1	-13,83047154	-42,40057734
VS	70	1	-14,31099431	-42,44476085
VS	70	1	-14,20047744	-42,35878769
VS	70	1	-14,05139296	-42,47612322
VS	150	1	-14,07240943	-42,47659051
VS	70	1	-14,06277826	-42,47395636
LD	40	1	-14,16746277	-42,39000128
VS	70	1	-14,05256527	-42,47775664
VS	70	1	-14,19591596	-42,36771462
LD	50	1	-14,15010917	-42,44851324
LD	12	1	-14,08195214	-42,45350284
VS	150	1	-14,06749006	-42,47747649
VS	70	1	-14,05915402	-42,47484966
VS	70	1	-14,19166978	-42,36547431
VS	70	1	-14,05195584	-42,47610623
LD	40	1	-14,05586751	-42,48477197
VS	70	1	-14,05659151	-42,48084994
VS	70	1	-14,07238057	-42,48881161
VS	70	1	-14,05991951	-42,48957249
LD	40	1	-14,07387271	-42,48868509
ME	250	1	-14,06808645	-42,4884598
VS	70	1	-14,05769733	-42,47906088
VS	70	1	-14,05524255	-42,49195706
VS	70	1	-14,06164603	-42,47516599
VS	70	1	-14,0687716	-42,53051363
VS	250	1	-14,0447103	-42,65988019
VS	70	1	-14,05361535	-42,48610447

ME	70	1	-14,06705302	-42,49423733
VS	70	1	-14,05514715	-42,47452735
LD	30	1	-14,01965	-42,50665698
LD	40	1	-14,01965	-42,50665698
VS	250	1	-14,03133011	-42,50666439
LD	100	1	-14,05699582	-42,47991004
VS	70	1	-14,05545885	-42,4751127
VS	250	1	-14,06553566	-42,48446235
VS	70	1	-14,05671871	-42,48590038
VS	70	1	-14,06080923	-42,47386267
VS	70	1	-14,0703025	-42,49252147
LD	40	1	-14,04812251	-42,47674387
VS	70	1	-14,07506901	-42,49177211
VS	400	1	-14,06885996	-42,49048065
VS	70	1	-14,06619408	-42,48278289
LD	30	1	-13,91617314	-42,41592251
VS	70	1	-14,0656594	-42,49887939
FL	45	1	-14,24935504	-42,43071932
VS	70	1	-13,68820793	-42,27958047
VS	70	1	-13,62837902	-42,28423672
VS	400	1	-14,06838482	-42,49101288
VS	70	1	-14,05611416	-42,4844611
VS	250	1	-14,06897583	-42,49130526
VS	400	1	-14,06897583	-42,49130526
VS	70	1	-14,06422133	-42,49503708
VS	70	1	-14,05915562	-42,49031443
PL	45	1	-13,94840559	-42,44844356
VS	70	1	-14,06580133	-42,49172457
VS	70	1	-14,0655883	-42,49933763
VS	70	1	-14,06254969	-42,48555828
VS	70	1	-14,06697166	-42,48074189
VS	70	1	-14,07014995	-42,48747308
VS	250	1	-13,75033765	-42,47190889
VS	70	1	-14,06083838	-42,47555279
VS	70	1	-13,89082846	-42,43868591
LD	9	1	-13,81202063	-42,27945443
VS	70	1	-14,06314519	-42,4880281
VS	70	1	-14,05993892	-42,48441355
LD	75	1	-14,048857	-42,48661885
VS	400	1	-14,06559714	-42,49431758
VS	70	1	-14,06190032	-42,48924326
VS	70	1	-14,06466463	-42,49641293
VS	70	1	-14,06210512	-42,50149476
VS	70	1	-14,06442177	-42,48533992
VS	70	1	-14,0668055	-42,48738692
VS	70	1	-14,07103964	-42,48114865
VS	70	1	-14,06295399	-42,48684658
VS	70	1	-14,08160938	-42,45242979
VS	150	1	-14,07272608	-42,4836628
ME	70	1	-14,07621156	-42,47916693
VS	70	1	-14,25805895	-42,52407742
LD	32	1	-14,05807514	-42,52983367
ME	250	1	-13,7026247	-42,51277935
VS	70	1	-13,69839521	-42,51431729
VS	70	1	-13,69454755	-42,51425182
LD	40	1	-14,02968935	-42,45578358
VS	70	1	-14,07524066	-42,49121717
VS	70	1	-14,06131815	-42,47968201
LD	70	1	-14,0755275	-42,49453652
VS	70	1	-14,06532431	-42,48831224
VS	70	1	-13,70152978	-42,51553416
VS	250	1	-14,07618129	-42,49525125

VS	70	1	-14,05257375	-42,49014255
LD	40	1	-14,09870724	-42,4374631
LD	40	1	-13,84388508	-42,39445
LD	40	1	-14,07969586	-42,49455871
VS	70	1	-14,07060213	-42,48818948
VS	70	1	-14,05285849	-42,48991216
LD	40	1	-14,05376326	-42,48975218
LD	40	1	-14,05390675	-42,49109703
LD	40	1	-14,05346891	-42,49147278
VS	70	1	-14,06772578	-42,49376954
VS	70	1	-13,70365853	-42,51213477
VS	70	1	-13,70261272	-42,51310411
VS	70	1	-14,05505743	-42,48533154
LD	40	1	-14,0718134	-42,48235143
LD	30	1	-14,06681384	-42,53332785
LD	150	1	-14,06677596	-42,53402188
LD	40	1	-13,97290992	-42,4264814
LD	40	1	-14,06140812	-42,48077272
VS	70	1	-14,06140812	-42,48077272
VS	70	1	-13,68325644	-42,51965598
VS	70	1	-13,69079367	-42,51129468
VS	70	1	-14,06524745	-42,48867924
VS	70	1	-14,07673322	-42,49523918
LD	50	1	-14,10276245	-42,43752981
LD	40	1	-13,83992951	-42,38846545
VS	70	1	-13,68152057	-42,52137687
LD	30	2	-13,84097727	-42,38348731
VS	70	1	-14,06232293	-42,48028595
VM	80	1	-13,67507585	-42,50552556
LD	40	1	-13,95255895	-42,39905453
LD	30	1	-14,10196141	-42,52891304
VS	70	1	-14,04599702	-42,47528913
VS	70	1	-14,07667525	-42,49400276
VS	70	1	-13,70792169	-42,49228278
VS	250	1	-14,16447372	-42,43022169
VS	70	1	-14,06539414	-42,48794347
LD	40	1	-14,07501148	-42,46102748
LD	30	1	-14,13036984	-42,43745167
MV	70	1	-14,07630218	-42,4919222
VS	70	1	-14,05226194	-42,49052467
VS	70	1	-14,05338643	-42,49045399
VS	70	1	-14,05398917	-42,49013147
VS	70	1	-14,05245994	-42,49080119
VS	70	1	-14,05307608	-42,49181213
VM	80	1	-13,67547772	-42,50541369
ME	70	1	-13,69626592	-42,52196487
VS	70	1	-14,05723223	-42,47602587
VS	70	1	-14,05324391	-42,49211442
VS	70	1	-13,61337092	-42,71091675
LD	20	1	-14,0613884	-42,5347891
LD	40	1	-14,07938724	-42,45960215
VS	70	1	-14,06128146	-42,47866171
VS	70	1	-14,024772	-42,7156316
LD	40	1	-14,0233549	-42,71786823
VS	70	1	-14,02860346	-42,71859868
VS	70	1	-14,02500136	-42,71755848
VS	70	1	-14,06485613	-42,75309078
VM	125	1	-14,08255335	-42,75685074
VS	250	1	-14,0022602	-42,66623597
VS	70	1	-14,02449524	-42,71749208
VS	250	1	-14,07674795	-42,6605705
VS	250	1	-14,05000974	-42,6960291

VS	70	1	-14,02457881	-42,71675151
LD	30	1	-14,07383537	-42,66019046
LD	40	1	-14,07338446	-42,6597631
VS	70	1	-14,05025699	-42,63586716
VS	70	1	-14,0939152	-42,67050239
VM	125	1	-14,0880158	-42,68068335
VS	250	1	-14,09214313	-42,67047871
LD	40	1	-14,02726535	-42,71327787
LD	40	1	-14,07715274	-42,65964392
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VS	70	1	-14,10496589	-42,6889786
VS	70	1	-14,08566611	-42,6651522
VS	250	1	-14,09006234	-42,67092654
LD	30	1	-14,09568196	-42,66960501
VS	70	1	-14,02602128	-42,71815431
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VS	70	1	-14,0521655	-42,6355853
VS	70	1	-14,02667619	-42,71377612
VS	70	1	-14,02522565	-42,71509589
VS	250	1	-14,07352109	-42,65939299
VS	70	1	-14,1934883	-42,36472654
VS	70	1	-13,89972741	-42,45980279
LD	20	1	-13,88424405	-42,45036953
LD	30	1	-13,8996606	-42,46090539
VS	70	1	-13,90312505	-42,46011924
LD	40	1	-13,88342581	-42,44295137
LD	30	1	-13,88234803	-42,44433316
VS	70	1	-13,88337473	-42,44219504
VS	70	1	-13,90078002	-42,46122497
VS	70	1	-13,89159798	-42,46172209
VS	70	1	-13,89123054	-42,43834143
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VS	70	1	-13,89276718	-42,46187404
LD	30	1	-13,88368971	-42,44061134
LD	40	1	-13,88320505	-42,4487379
VS	70	1	-14,06307239	-42,48578695
VS	150	1	-14,3345404	-42,48908188
ME	70	1	-13,7014679	-42,29061751
VS	70	1	-13,70528619	-42,28012283
VS	70	1	-13,6102953	-42,27982581
LD	50	1	-14,05322804	-42,50214983
LD	40	1	-14,059854	-42,48165328
LD	8	6	-14,06540907	-42,4845547
VS	250	1	-14,06540907	-42,4845547
VS	400	1	-14,09757518	-42,64884181
LD	50	1	-14,07309983	-42,48181986
LD	30	1	-13,68200167	-42,43881108
VS	70	1	-14,0642967	-42,48675114
VS	70	1	-14,06910878	-42,48364549
MV	70	1	-14,06228875	-42,4995739
LD	30	1	-13,85122158	-42,35391537
VS	70	1	-14,07034578	-42,49346634
VS	70	1	-14,07085762	-42,48843353
ME	250	1	-14,04767513	-42,48631508
VS	70	1	-14,05659715	-42,4949522
VS	400	2	-14,06241603	-42,49699318
VS	70	1	-14,07189302	-42,47940907
VS	70	1	-14,06820743	-42,53004662
VS	250	2	-14,06490646	-42,4871193
VS	70	1	-14,05712928	-42,47332718
VS	70	1	-14,07566937	-42,48999494
VS	70	1	-14,07805187	-42,49222308

ME	150	1	-14,07671804	-42,49593886
VS	150	1	-14,07718109	-42,4964594
ME	150	1	-14,07970555	-42,49566064
VS	70	1	-14,04697336	-42,47730858
LD	40	1	-13,85734043	-42,37026265
LD	12	1	-13,92614952	-42,4753399
VS	150	1	-14,08018659	-42,49732612
ME	150	1	-14,08098075	-42,4982331
ME	150	1	-14,08151907	-42,49811709
ME	150	1	-14,08167149	-42,49816864
ME	250	1	-14,07475075	-42,49266064
VS	70	1	-14,05968031	-42,4903575
VS	70	1	-14,06149907	-42,48644524
VS	400	1	-14,06902966	-42,48703538
VS	70	1	-14,07423855	-42,49109416
VS	70	1	-14,06073568	-42,47582275
VS	70	1	-13,6329398	-42,57139255
ME	70	1	-13,67566376	-42,29486681
LD	40	1	-13,99819506	-42,5351106
ME	70	1	-13,63574417	-42,57078907
VS	70	1	-13,63574417	-42,57078907
VS	70	1	-14,05605297	-42,49052319
VS	250	1	-14,06961419	-42,48410967
VS	70	1	-14,04798665	-42,66392223
PL	45	1	-13,9262203	-42,37955222
VM	80	1	-14,02326755	-42,72947136
VM	80	1	-13,60143827	-42,57850999
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VS	70	1	-14,06401348	-42,47459123
LD	40	1	-14,05465493	-42,48167948
VS	250	1	-14,05465493	-42,48167948
VS	70	1	-14,06129101	-42,4772574
VS	70	1	-14,0610274	-42,47677569
VS	70	1	-14,07250923	-42,48552663
VS	250	1	-14,06529772	-42,47893855
LD	40	1	-14,06194289	-42,50376642
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VS	70	1	-14,05906544	-42,47520014
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VS	70	1	-14,059684	-42,47320775
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VS	70	1	-14,04993769	-42,47427141
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VS	150	1	-14,0679036	-42,47684963
VS	150	1	-14,06841502	-42,47665821
VS	150	1	-14,06982496	-42,47625663
VS	70	1	-14,05323096	-42,47667939
VS	70	1	-14,31071218	-42,44671416
VS	70	2	-14,146792	-42,43806436
VS	70	1	-14,06803391	-42,46928648
VS	70	1	-14,05495763	-42,47452891
ME	250	1	-14,05400297	-42,47167217
VS	70	1	-14,06256756	-42,47387433
VS	70	1	-14,05245927	-42,4746841
VS	70	1	-14,06235215	-42,47380026
VS	70	1	-14,05277897	-42,47805661
VS	70	1	-14,06235845	-42,47487857
LD	30	1	-14,15691982	-42,40113977
VS	70	1	-14,14642043	-42,4385362
LD	40	1	-14,17049777	-42,38626272
VS	70	1	-14,05151623	-42,47601391
ME	150	1	-14,06815068	-42,47672927

VS	150	1	-14,06795684	-42,47727155
ME	70	1	-14,0514991	-42,47543807
LD	40	1	-14,241303	-42,48615062
LD	50	1	-14,17061398	-42,38708765
VS	250	1	-14,14630187	-42,42905721
LD	30	1	-14,1488789	-42,40279357
VS	70	1	-14,06225067	-42,4754339
VS	70	1	-14,06794072	-42,47870608
VS	70	1	-14,18849355	-42,37304071
LD	30	1	-14,09701755	-42,41733016
VS	150	1	-14,06955257	-42,4762394
VS	150	1	-14,07123721	-42,4761546
ME	250	1	-14,05413846	-42,4709979
VS	70	1	-14,06073128	-42,47317572
VS	70	1	-14,08739773	-42,43240261
LD	40	1	-14,16790618	-42,38977037
VS	70	1	-14,05524713	-42,47236425
VS	70	1	-14,19613025	-42,36355375
FL	45	1	-14,13549035	-42,44761375
LD	40	1	-14,08723491	-42,43243936
LD	40	1	-14,17158188	-42,38682055
VS	150	1	-14,07064182	-42,47619709
LD	30	1	-14,23479736	-42,48796248
LD	40	1	-14,07881391	-42,45926532
VS	70	1	-14,06938771	-42,46588063
VS	70	1	-14,06821242	-42,47857049
VS	70	1	-14,19266597	-42,37033212
VS	70	1	-14,05943165	-42,4758359
VS	70	1	-14,06125216	-42,47230197
VS	70	1	-14,06741724	-42,47399266
VS	150	1	-14,07035189	-42,47622493
LD	40	1	-14,17230439	-42,38733144
VS	70	1	-14,05971462	-42,47456601
LD	40	1	-14,05231741	-42,47693933
LD	40	1	-14,05247898	-42,47588651
VS	70	1	-14,05007055	-42,47462511
LD	20	1	-14,17644345	-42,37723751
LD	40	1	-13,8427314	-42,39332496
LD	40	1	-13,84329752	-42,39321607
LD	40	1	-13,84318081	-42,39364968
LD	30	1	-14,10211275	-42,41170741
VS	70	1	-14,06289668	-42,4862508
VS	70	1	-14,06138712	-42,48014433
VS	70	1	-14,05431348	-42,4783595
LD	30	1	-14,06457548	-42,5427458
VS	70	1	-13,68309629	-42,51854421
VS	70	1	-14,14543612	-42,44574286
LD	40	1	-14,07997701	-42,46085326
VS	70	1	-14,0559672	-42,49358129
VS	70	1	-14,0237756	-42,71792861
VS	70	1	-14,06231578	-42,48015701
LD	150	1	-14,06709311	-42,5335858
VS	70	1	-13,69624333	-42,51453033
LD	50	1	-14,09857426	-42,43710073
LD	40	1	-14,09846534	-42,43497645
LD	40	1	-13,95983715	-42,4041297
LD	40	1	-13,85843828	-42,34843856
VS	70	1	-14,05646131	-42,49306053
VS	70	1	-14,06167328	-42,48033462
LD	40	1	-13,84304697	-42,39422503
VS	70	1	-14,05447645	-42,47820294
LD	40	1	-14,06710432	-42,47449459

VS	70	1	-14,05375337	-42,49088794
VS	70	1	-14,06630699	-42,48229408
VS	70	1	-14,06186505	-42,47726664
LD	50	1	-14,05522603	-42,50256448
VS	70	1	-14,14507985	-42,44580648
VS	70	1	-14,05698196	-42,47694628
VS	70	1	-13,69731992	-42,51437128
VS	70	1	-14,06796655	-42,49417325
LD	40	1	-14,0527954	-42,49052747
LD	30	1	-13,96478081	-42,54499035
LD	40	1	-14,10156622	-42,40981522
LD	40	1	-13,84549292	-42,39202851
VS	70	1	-13,70003484	-42,51416353
VS	70	1	-13,69929327	-42,51557286
VM	80	1	-13,69360859	-42,51414141
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VS	70	1	-14,05257523	-42,4896338
LD	40	1	-14,09163227	-42,41972001
VS	70	1	-14,05700695	-42,47798247
VS	70	1	-14,0714566	-42,48226492
VS	70	1	-14,3615198	-42,47758732
VS	70	1	-14,05521297	-42,48486609
ME	70	1	-14,07667599	-42,4921742
VS	70	1	-14,06543598	-42,48763717
VS	70	1	-14,07692987	-42,493737
VS	70	1	-14,06260009	-42,48621832
LD	40	1	-13,97191431	-42,42674169
VS	70	1	-14,06619986	-42,48260877
LD	150	1	-14,06655596	-42,53308708
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LD	30	1	-14,10158549	-42,52848567
VS	70	1	-14,06125138	-42,48202566
VS	70	1	-14,05692611	-42,4774816
VS	70	1	-13,83773283	-42,38841325
VS	70	1	-14,02743455	-42,71485852
VS	70	1	-14,04211905	-42,53473023
VS	70	1	-14,05368002	-42,49179128
LD	40	1	-14,09199473	-42,41973355
LD	50	1	-14,05374441	-42,50232545
VS	250	1	-14,0606005	-42,48364619
VS	70	1	-14,05926357	-42,48550895
VS	70	1	-14,05974882	-42,4845243
VS	70	1	-14,06368187	-42,48003111
VS	70	1	-14,06287084	-42,48212314
ME	150	1	-14,07876745	-42,49545039
VS	250	1	-14,06465567	-42,49487129
VS	70	1	-13,90031364	-42,45982893
VS	70	1	-14,07707694	-42,49144293
VS	250	2	-14,07380552	-42,49061158
VS	70	1	-13,88960874	-42,5403781
VS	70	1	-14,04535596	-42,47528846
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VS	70	1	-14,07365561	-42,49319554
VS	70	1	-14,05697642	-42,48867905
VS	70	1	-14,07422435	-42,4801364
LD	100	1	-14,06670705	-42,49327785
VS	70	1	-14,06665281	-42,49588693
VS	70	1	-14,06906585	-42,53082655
VS	250	1	-14,06582418	-42,49382716
VS	70	1	-14,0748674	-42,48309124
VS	70	1	-14,06497978	-42,4820993
VS	70	1	-14,06984391	-42,48226692

VS	70	1	-14,05755511	-42,49023583
LD	50	1	-14,06326629	-42,47821068
VS	250	1	-14,06326629	-42,47821068
VS	70	1	-13,63328004	-42,2841131
LD	15	1	-14,03974424	-42,74743385
VS	70	1	-14,06756726	-42,48250697
LD	50	1	-14,05385447	-42,50274719
VS	70	1	-14,05308193	-42,48154654
VS	70	1	-14,05886935	-42,48577848
VS	250	2	-14,07337079	-42,4909719
VS	70	1	-14,06445303	-42,47742769
VS	70	1	-14,05991264	-42,48849808
VS	70	1	-14,06517327	-42,48932429
VS	70	1	-14,05516656	-42,47822836
LD	100	1	-14,06036844	-42,52070013
VS	70	1	-14,06701909	-42,48267495
VS	70	1	-14,05797633	-42,49172939
VS	70	1	-14,07612335	-42,49351575
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VS	70	1	-14,05430655	-42,47424434
VS	70	1	-14,05405653	-42,48703158
VS	70	1	-14,06252759	-42,48755887
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LD	45	1	-13,90479301	-42,36839509
VS	70	1	-14,07462994	-42,49519308
VS	70	1	-14,0544005	-42,47558158
VS	70	1	-14,06064479	-42,47611219
VS	70	1	-14,05620386	-42,49044181
VS	70	1	-14,06272173	-42,48089975
VS	70	1	-14,0586065	-42,48605014
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ME	70	1	-14,0554452	-42,48439487
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VS	70	1	-14,07618811	-42,4940798
VS	250	1	-14,06537395	-42,48394332
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VS	70	1	-13,68611052	-42,47455089
VS	70	1	-14,1361529	-42,44626232
VS	70	1	-14,05850213	-42,4750657
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VS	70	1	-14,04890004	-42,4748862
VS	70	1	-14,06682303	-42,47495676
VS	70	1	-14,06193048	-42,47299302
VS	70	1	-14,04884712	-42,47424703
LD	40	1	-14,04912623	-42,47527065
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VS	70	1	-14,20039536	-42,35926023
LD	40	1	-14,05878549	-42,47544149
LD	30	1	-14,15422152	-42,40344229
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VS	70	1	-14,06921689	-42,46509011
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VS	70	1	-14,05252432	-42,47535849
VS	70	1	-14,06208318	-42,47582303
LD	30	1	-14,20038848	-42,35781442
VS	70	1	-14,13566874	-42,444047
VS	70	1	-14,05369722	-42,47401525
LD	40	1	-14,05112063	-42,47722435

LD	12	1	-14,08177844	-42,45316597
VS	70	1	-14,06828873	-42,46843485
VS	250	1	-14,16482015	-42,42352273
VS	150	1	-14,07089534	-42,47615501
VS	150	1	-14,07176641	-42,47689837
VS	70	1	-14,04896239	-42,4758726
VS	70	1	-14,05984274	-42,47253083
VS	70	1	-14,0498685	-42,47516344
LD	40	1	-14,17235877	-42,4591764
VS	70	1	-14,05021148	-42,47510376
VS	70	1	-14,0532769	-42,47750397
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LD	40	1	-14,06304914	-42,47534311
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LD	40	1	-14,09697101	-42,41809896
LD	40	1	-14,07743404	-42,41141281
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VS	70	1	-14,19487489	-42,36854704
VS	70	1	-14,06231826	-42,47277468
LD	20	1	-14,15628671	-42,40124986
VS	70	1	-14,19898999	-42,36186229
VS	70	1	-14,0532261	-42,47394677
LD	40	1	-14,17132544	-42,38884953
LD	40	1	-14,05091613	-42,47693375
VS	70	1	-14,05351221	-42,47803433
VS	70	1	-14,05132531	-42,47529953
VS	70	1	-14,06805761	-42,47105565
LD	40	1	-14,17155184	-42,38862751
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VS	70	1	-14,0556946	-42,47786074
PL	45	1	-13,9566508	-42,44151181
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VS	70	1	-14,06924394	-42,48387733
ME	150	1	-14,07841953	-42,49685787
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VS	250	1	-14,07257617	-42,48964519
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ME	250	1	-14,04882776	-42,48825717
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VS	70	1	-14,07782605	-42,49211145
LD	30	1	-13,99236	-42,41989527
VS	150	1	-14,07753926	-42,49679595
ME	150	1	-14,07828155	-42,49641629
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VS	70	1	-14,05163084	-42,48130558
VS	250	1	-14,07062489	-42,4895952
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ME	250	1	-14,06453839	-42,49474137
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ME	70	1	-14,05408743	-42,49027579
LD	40	1	-14,05366196	-42,4907528
VS	70	1	-14,06134973	-42,48003376
LD	40	1	-13,98390917	-42,54680804
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LD	40	1	-13,84276426	-42,39369451
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VS	70	1	-14,0540957	-42,49137584
VS	70	1	-14,05327837	-42,49112839
LD	40	1	-14,04627688	-42,4796004
LD	30	1	-14,10772982	-42,43892774

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VS	70	1	-14,05755448	-42,47639461
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VS	70	1	-13,68188384	-42,52263731
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VS	70	2	-14,05351151	-42,48999162
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VS	70	1	-13,63643682	-42,56935049
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VS	70	1	-14,06430031	-42,48404425
VS	70	1	-13,70260552	-42,51247977
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LD	40	1	-13,95290927	-42,39903328
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VS	70	1	-14,05255668	-42,49022411
LD	40	1	-14,04660488	-42,47943696
VS	70	1	-14,06822166	-42,49459653
VS	70	1	-14,06044092	-42,52688931
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VS	70	1	-14,06669818	-42,47743363
LD	40	1	-13,67616613	-42,52913236
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ME	70	1	-13,68205082	-42,52041753
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VS	70	1	-13,70893405	-42,51082559
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ME	70	1	-14,07505888	-42,49230932
VS	70	1	-14,05777828	-42,48942477
PL	30	1	-13,94029998	-42,43502633
LD	40	1	-14,06325086	-42,48759744
VS	70	1	-14,06325086	-42,48759744
VS	70	1	-14,05438897	-42,47624878
VS	400	1	-14,06904032	-42,49111737
VS	250	1	-14,06496341	-42,4947145
LD	30	1	-13,97502838	-42,46866442
ME	400	1	-14,03143784	-42,50387727
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VS	70	1	-14,07611907	-42,49117227
LD	100	1	-14,05749523	-42,48108337

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VS	250	1	-14,06151186	-42,48529602
LD	30	1	-13,68801183	-42,27923947
VS	250	1	-14,07877578	-42,66212197
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VS	400	1	-14,06776122	-42,49069737
LD	40	1	-13,84245845	-42,39302719
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VS	250	1	-14,06565577	-42,49655307
ME	250	2	-14,0714681	-42,49290372
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VS	70	1	-14,05638264	-42,48131261
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VS	70	1	-14,05915686	-42,4911269
LD	40	1	-14,05575515	-42,4752502
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VS	70	1	-13,63271009	-42,28436205
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LD	40	1	-14,07285905	-42,48917386
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LD	40	1	-13,64558479	-42,28465128
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VS	70	1	-14,22769821	-42,48871658
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LD	40	1	-14,14519919	-42,43886743
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VS	70	1	-14,060209	-42,47300358
LD	40	1	-14,06091718	-42,47252543
VS	70	1	-14,06132085	-42,47310505
VS	70	1	-14,04978858	-42,47390888
VS	70	2	-14,13836139	-42,44988935

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LD	30	1	-14,16177359	-42,39669116
VS	70	1	-14,05151505	-42,47555703
VS	70	1	-14,0618456	-42,47326006
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VS	150	1	-14,06828524	-42,47745229
VS	150	1	-14,06841989	-42,47767098
VS	70	1	-14,14733009	-42,43755577
LD	27	1	-14,16201828	-42,39634873
VS	70	1	-14,14657454	-42,43831412
VS	70	1	-14,19904212	-42,3572377
LD	40	1	-14,14702558	-42,43888945
VS	70	1	-14,05884313	-42,47514124
LD	40	1	-14,16602311	-42,39124054
VS	70	1	-14,06178202	-42,47382317
VS	70	1	-14,0623496	-42,47432032
VS	70	1	-14,04860489	-42,47332241
VS	250	1	-14,05477033	-42,47204958
VS	70	1	-14,05166579	-42,4744387
LD	40	1	-14,15617893	-42,40081417
VS	70	1	-14,06706103	-42,47743105
VS	70	1	-14,14490066	-42,43895025
LD	40	1	-14,14710805	-42,43828734
LD	50	1	-14,16701017	-42,39031557
VS	70	1	-14,06816708	-42,4705557
VS	70	1	-14,05349684	-42,47369707
VS	70	1	-14,05054107	-42,47495477
VS	70	1	-14,0599277	-42,47217376
VS	70	1	-14,06811608	-42,4688791
VS	70	1	-14,05997646	-42,47360051
LD	50	1	-14,13571557	-42,44620533
VS	70	1	-14,05339296	-42,47572686
LD	40	1	-14,04935601	-42,47479553
VS	70	1	-14,06665311	-42,47533774
VS	70	1	-14,20096862	-42,35682366
VS	70	1	-14,06276847	-42,47553703
LD	40	1	-14,06277329	-42,47543145
VS	150	1	-14,07009408	-42,47624015
VS	150	1	-14,07207447	-42,47615874
VS	70	1	-14,06780914	-42,48236529
LD	50	1	-14,07173418	-42,48344796
VS	70	1	-14,06271563	-42,4890113
LD	30	1	-14,10855436	-42,58520149
VS	70	1	-14,0545276	-42,47881192
LD	40	1	-14,05432639	-42,47855393
VS	70	1	-14,0563631	-42,49034398
VS	250	1	-14,06637945	-42,4919944
VS	70	1	-14,05612936	-42,48136765
VS	70	1	-14,06671092	-42,48182504
LD	40	1	-14,07185442	-42,48517031
VS	150	1	-14,07185442	-42,48517031
VS	70	1	-13,97538507	-42,41279655
LD	20	1	-13,96266149	-42,47327102
VS	70	1	-14,06591025	-42,48703806
VS	70	1	-14,06933318	-42,47992245
VS	70	1	-14,07077831	-42,48524214
VS	70	1	-13,65146878	-42,69616639

PL	45	1	-13,86689979	-42,38898195
VS	70	1	-14,07473714	-42,4904561
VS	400	1	-14,06978197	-42,4873769
ME	150	1	-14,08053665	-42,49905237
ME	150	1	-14,08071996	-42,49969367
VS	250	2	-14,06389316	-42,49634236
VS	250	1	-14,06511878	-42,48494311
VS	70	1	-14,33951328	-42,44932444
VS	70	1	-13,67171852	-42,62106583
VS	400	2	-14,05781356	-42,49351938
VS	250	1	-14,06938985	-42,49224165
VS	70	1	-14,06660341	-42,49599094
LD	30	1	-13,63179237	-42,57100151
VS	70	1	-13,63179237	-42,57100151
ME	70	1	-13,88921366	-42,3618361
VS	250	1	-14,0702415	-42,49139131
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ME	70	1	-14,14558669	-42,43724252
VS	70	1	-14,05579791	-42,47183023
VS	70	1	-14,07610805	-42,49178822
LD	40	1	-14,06174429	-42,49581424
VS	70	1	-14,07091015	-42,48713198
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VS	70	1	-14,06536229	-42,49861478
VS	250	1	-14,06498211	-42,48546151
VS	70	1	-14,03558231	-42,53429929
LD	70	1	-14,05258257	-42,48711183
LD	30	1	-13,63294018	-42,57122613
VS	70	1	-13,63294018	-42,57122613
VS	70	1	-14,07602786	-42,49053869
VS	400	1	-14,06812504	-42,49017112
LD	40	1	-14,05725792	-42,47537388
VS	70	1	-14,0514758	-42,48502042
VS	70	1	-14,07398192	-42,48833334
VS	70	1	-14,0633469	-42,47459653
VS	70	1	-14,35677066	-42,47167377
VS	70	1	-14,06546753	-42,49980419
VS	70	1	-14,06708679	-42,4864848
LD	100	1	-14,05679316	-42,47947033
LD	30	1	-14,1573617	-42,41777324
VS	70	2	-14,06500917	-42,49885483
VS	70	1	-14,06283054	-42,50110204
VS	70	1	-14,06149264	-42,50492265
VS	400	1	-14,06981511	-42,48762058
VS	70	1	-14,06482771	-42,49629768
VS	70	1	-14,06161801	-42,48020928
VS	70	1	-14,06201329	-42,48017703
LD	40	1	-14,05323799	-42,53603436
VS	70	1	-14,05763889	-42,47687622
VS	70	1	-14,05782247	-42,47672044
PL	45	1	-13,82691786	-42,39274108
LD	40	1	-14,0795926	-42,4601172
VS	70	1	-14,06129257	-42,47930823
VS	70	1	-14,0612875	-42,47899395
VS	70	1	-14,06748173	-42,47462828
VS	70	1	-13,69954428	-42,51435233
VS	70	1	-14,05987973	-42,4798901
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VS	250	1	-14,06216678	-42,48224625
VS	70	1	-14,06526917	-42,49108433
VS	70	1	-14,35911541	-42,4933706
VS	70	1	-13,68453647	-42,51216741

VS	70	1	-14,06160591	-42,48830623
VS	70	1	-13,70973701	-42,27900318
VS	70	1	-13,63647024	-42,57054839
VS	250	1	-14,06276211	-42,479134
VS	70	2	-14,06276211	-42,479134
LD	40	1	-14,06236414	-42,48339054
VS	70	1	-14,06399753	-42,47585448
VS	70	1	-14,05887192	-42,48444836
VS	250	1	-14,06619247	-42,49029798
VS	70	1	-14,06315839	-42,47955764
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LD	40	1	-14,25020747	-42,4106759
VS	400	1	-14,06649738	-42,4901069
VS	70	1	-14,06750311	-42,48875608
VS	400	1	-14,07062686	-42,4841118
VS	70	1	-14,05431804	-42,47386954
VS	70	1	-14,06880162	-42,52972899
VS	70	1	-14,05426581	-42,48184538
VS	70	1	-14,07071339	-42,48605711
ME	400	1	-14,06957289	-42,48667529
LD	40	1	-14,01631844	-42,53542189
VS	250	2	-14,07125981	-42,49307
VS	400	1	-14,06961177	-42,48981535
VS	70	1	-14,06099134	-42,47510769
VS	250	1	-14,06355177	-42,4781054
VS	70	1	-14,06775539	-42,48220698
PL	45	1	-13,93127898	-42,37811605
VS	70	1	-13,63703916	-42,57121819
LD	40	1	-14,05479309	-42,47599797
VS	70	1	-14,05466859	-42,47359509
VS	70	1	-14,06942877	-42,48064521
VS	70	1	-14,06387283	-42,49743526
VS	70	1	-14,05739205	-42,49475292
LD	200	1	-14,06948422	-42,48580443
LD	150	1	-14,07005687	-42,48973738
LD	30	1	-14,195366	-42,4645644
VS	70	1	-14,05349983	-42,48054713
VS	70	1	-14,05381651	-42,48043664
VS	70	1	-13,68948301	-42,31432289
VS	250	1	-14,06560374	-42,48156042
VS	70	1	-14,06263279	-42,48469707
VS	250	1	-14,06076851	-42,48099757
VS	70	1	-13,61864257	-42,71029068
VS	70	1	-14,06591085	-42,49122463
LD	40	1	-14,0746822	-42,48178611
VS	70	1	-14,07002809	-42,48258686
VS	70	1	-14,07027838	-42,48655637
VS	250	1	-14,0651347	-42,47838599
LD	40	1	-14,06892675	-42,47827853
ME	150	1	-14,08010873	-42,49653648
VS	70	1	-14,05584803	-42,48188573
VS	400	2	-14,062954	-42,49713411
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VS	70	1	-14,05785913	-42,47995417
VS	70	1	-14,05673093	-42,47178036
LD	100	1	-13,8299787	-42,5870978
ME	150	1	-14,07870717	-42,49618712
LD	40	1	-14,05651266	-42,49252826
VS	70	1	-14,06921164	-42,4953905
VS	70	1	-14,0608271	-42,48787945
ME	150	1	-14,08083333	-42,49847658
ME	150	1	-14,08058154	-42,49943076

LD	30	1	-14,0644795	-42,52272255
VS	70	1	-14,05307486	-42,47531758
VS	70	1	-14,05981998	-42,48524634
VS	70	1	-14,06972436	-42,48327628
VS	70	1	-14,0545052	-42,48490285
VS	70	1	-14,06230403	-42,50088916
VS	70	1	-14,0568721	-42,48547299
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VS	400	1	-14,07079697	-42,48495504
VS	70	1	-14,06690538	-42,48677155
LD	40	1	-14,15844971	-42,38883733
VS	70	1	-14,07548791	-42,49030023
VS	70	1	-14,0593331	-42,48442155
LD	40	1	-13,84599479	-42,38962264
LD	50	1	-14,05477199	-42,50233129
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VS	70	1	-14,06438366	-42,48178313
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VS	70	1	-14,07502315	-42,49311538
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VS	70	1	-14,08112589	-42,4961122
ME	70	1	-14,33714691	-42,49522094
VS	70	1	-14,06086254	-42,48824075
LD	40	1	-14,07120178	-42,48621106
VS	70	1	-13,63354509	-42,57161588
VS	400	1	-14,03997294	-42,7670881
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VS	70	1	-14,05623981	-42,47246242
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VS	400	1	-14,06665798	-42,49014466
VS	70	1	-14,06342155	-42,48363357
VS	400	1	-14,06964373	-42,48691932
VS	70	1	-14,07642371	-42,48166201
VS	70	1	-14,05693485	-42,49001074
VS	70	1	-14,07124135	-42,47974116
PL	45	2	-13,93961408	-42,37615797
LD	20	1	-13,93260343	-42,37712823
PL	40	1	-13,92365126	-42,38004339
VS	250	1	-14,06940305	-42,49464065
VS	250	1	-14,06254743	-42,48111279
VS	70	2	-14,06262536	-42,48389124
VS	70	1	-14,05558716	-42,49247674
LD	100	1	-13,74998975	-42,47075761
VS	70	1	-14,06257754	-42,48519711
VS	70	1	-13,62706693	-42,3584691
VS	70	1	-13,69123005	-42,3174448
LD	15	1	-13,98281971	-42,45266077
VS	250	1	-14,06446296	-42,48779498
VS	70	1	-14,05968643	-42,49490936
VS	70	1	-14,28881236	-42,50059492
VM	250	1	-13,80384673	-42,32174192
VS	70	1	-14,06563368	-42,49475669
ME	150	1	-14,08059703	-42,49638089
ME	150	1	-14,08145437	-42,49761323
VS	70	1	-14,05767093	-42,48047995
VS	70	1	-14,06594001	-42,49912119
VS	70	1	-14,25948286	-42,52446143
PL	30	1	-14,18286172	-42,37809141
VS	70	1	-14,06688172	-42,47656381
VS	70	1	-14,06889755	-42,46687073

VS	70	1	-14,05985456	-42,47416024
VS	70	1	-14,04911582	-42,47536704
VS	70	1	-14,0520473	-42,47668315
VS	70	1	-14,05182927	-42,47697426
VS	70	1	-14,16549806	-42,39162884
VS	70	1	-14,06808637	-42,47021283
VS	70	1	-14,0516965	-42,47528751
ME	250	1	-14,05329545	-42,47116225
VS	70	1	-14,0604704	-42,47309683
LD	40	1	-14,06785088	-42,4770846
LD	50	1	-14,17718664	-42,37610816
VS	70	2	-14,19613357	-42,36731646
LD	30	1	-14,16516274	-42,39210086
VS	150	1	-14,06922574	-42,47650233
VS	150	1	-14,07168225	-42,47634096
VS	70	1	-14,05172804	-42,4758017
ME	250	1	-14,05320294	-42,4713999
LD	40	1	-14,09647314	-42,41843154
VS	70	1	-14,19646902	-42,36672386
ME	250	1	-14,06775708	-42,47733162
VS	70	1	-14,06799595	-42,47784173
VS	70	1	-14,1951917	-42,36831586
VS	70	1	-14,1462414	-42,43754443
LD	9	1	-14,30315172	-42,4710943
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VS	250	1	-14,1567067	-42,42007003
VS	70	1	-14,04955763	-42,47521736
LD	40	1	-14,07044017	-42,46620973
LD	30	1	-14,17048062	-42,38567889
LD	40	1	-14,09108052	-42,42056161
LD	30	1	-14,15689343	-42,40069495
VS	70	1	-14,1963149	-42,36699238
LD	40	1	-14,17221345	-42,38765563
ME	250	1	-14,05341204	-42,47193131
LD	40	1	-14,17130816	-42,3883491
VS	70	1	-14,05268622	-42,47445191
VS	150	1	-14,06784802	-42,477573
ME	150	1	-14,06815541	-42,47717498
VS	70	1	-14,05294997	-42,47574772
LD	50	1	-14,15063256	-42,40306536
LD	40	1	-14,17045433	-42,38515991
IN	60	1	-14,14059588	-42,44438081
LD	40	1	-14,17255179	-42,45752731
VS	70	1	-14,19221266	-42,36522495
VS	250	1	-14,15803431	-42,41411804
VS	150	1	-14,07161695	-42,47662454
LD	50	1	-14,13579763	-42,44768847
VS	70	1	-14,14669131	-42,43874056
VS	70	1	-14,3005443	-42,46673888
LD	40	1	-14,17033731	-42,38483538
VS	70	1	-14,04981033	-42,47596168
LD	30	1	-14,13555008	-42,44953177
VS	70	1	-14,19311629	-42,36557856
VS	70	1	-14,05844208	-42,47539753
VS	70	1	-14,06205138	-42,47266215
LD	50	1	-14,17126572	-42,38663468
VS	70	1	-14,05194719	-42,47525997
VS	70	1	-14,04889672	-42,4756098
VS	70	1	-14,06935081	-42,46626032
VS	70	1	-14,05229513	-42,4764072
VS	70	1	-14,05654323	-42,48239659
VS	70	1	-14,04598613	-42,47600085

LD	40	1	-14,05946772	-42,48691055
LD	40	1	-14,05326409	-42,48088006
VS	70	1	-14,0822486	-42,49491905
VS	70	1	-14,0824762	-42,49513212
PL	45	1	-13,95974318	-42,44665721
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IN	60	1	-14,03910316	-42,74624953
VM	125	1	-14,10045806	-42,63697846
LD	40	1	-14,05291248	-42,48490822
VS	70	1	-14,06412418	-42,48040252
VS	70	1	-13,63294075	-42,57097652
VS	400	1	-14,06758519	-42,49042237
VS	70	1	-14,06050097	-42,48819367
VS	250	2	-14,06491849	-42,49132765
ME	70	1	-13,79727758	-42,40861693
VS	70	1	-14,06658998	-42,48862493
VS	70	1	-14,05889348	-42,48587282
VS	70	1	-14,05673374	-42,47372927
VS	70	1	-14,0805463	-42,49275639
VS	70	1	-14,07946028	-42,49325427
VS	70	1	-14,06115289	-42,48534676
LD	40	1	-14,06617748	-42,48349365
VS	250	1	-14,0684616	-42,49518512
VS	250	1	-14,06688803	-42,49089327
LD	40	1	-14,06407166	-42,48975386
LD	50	1	-14,05411809	-42,50207332
VS	70	1	-14,06147959	-42,48713986
VS	70	1	-14,07336965	-42,4883151
VS	70	1	-14,06270053	-42,47652526
VS	70	1	-14,07803508	-42,49158391
VS	70	1	-14,05986526	-42,48053258
LD	40	1	-14,02003526	-42,53536242
VS	70	1	-14,05506111	-42,48203228
VS	70	1	-13,63235394	-42,57057757
LD	200	1	-14,06845407	-42,4854966
LD	40	1	-13,84563677	-42,38965341
ME	400	1	-14,06575662	-42,48175145
VS	150	1	-14,06575662	-42,48175145
LD	30	1	-14,03383335	-42,60569577
LD	30	1	-14,03405654	-42,60618579
LD	50	1	-14,05396841	-42,50317867
VS	70	1	-14,05436016	-42,47999645
ME	150	1	-14,0258685	-42,46875054
VS	70	1	-14,0619956	-42,48682603
VS	70	1	-14,05161083	-42,48018199
VS	70	1	-14,06805531	-42,48595889
VS	70	1	-14,06428563	-42,47648491
LD	30	1	-13,81367866	-42,35805998
PL	30	1	-13,91549713	-42,41466244
ME	150	1	-14,0815773	-42,49793946
VS	70	1	-14,06130128	-42,50791446
VS	70	1	-14,06652948	-42,48934569
VS	250	1	-14,06517168	-42,49897559
VS	70	1	-14,07444628	-42,47947541
VS	70	1	-14,07106759	-42,48527054
VS	70	1	-14,05918485	-42,48913414
VM	80	1	-13,6007825	-42,58236986
VS	150	1	-14,07842024	-42,49527439
ME	150	1	-14,07815178	-42,49581347
VS	250	1	-14,07369499	-42,49161171
ME	150	1	-14,08099289	-42,50010822
LD	50	1	-14,02819854	-42,54650312

VS	70	1	-14,05652096	-42,484499
VS	70	1	-13,63626592	-42,5707354
LD	40	1	-13,6277256	-42,28418057
LD	50	1	-14,05451462	-42,50261396
VS	70	1	-14,05786012	-42,47867583
VS	70	1	-14,06505907	-42,49213979
VS	70	1	-14,0632043	-42,48375353
LD	40	1	-14,0175796	-42,44495822
VS	400	2	-14,05918602	-42,49506417
VS	70	1	-14,05509076	-42,48412395
VS	70	1	-14,06002979	-42,4852251
VS	70	1	-14,07657566	-42,49340556
VS	70	1	-14,05281505	-42,47938085
VS	70	1	-14,05550351	-42,49177191
ME	250	1	-13,81460722	-42,41586357
VS	70	1	-14,05245798	-42,48158228
VS	70	1	-14,06856417	-42,48920181
VS	70	1	-14,06530308	-42,49219588
VS	250	2	-14,07002846	-42,49389173
LD	30	1	-14,06114561	-42,52344495
VS	70	1	-14,00353821	-42,67339763
VS	70	1	-14,07162022	-42,48018655
VS	70	1	-14,07245694	-42,48228164
VS	70	1	-14,07664411	-42,49086772
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ME	150	1	-14,07705847	-42,49558418
ME	150	1	-14,08214105	-42,4997364
LD	40	1	-14,04780281	-42,47535017
VS	70	1	-14,05638208	-42,47494233
VS	400	1	-14,05960212	-42,49550844
VS	70	1	-14,04579623	-42,47485593
VS	70	1	-14,05577067	-42,48441407
VS	70	1	-14,0564299	-42,47830803
VS	70	1	-14,0561826	-42,48187717
VS	70	1	-14,06589751	-42,4827869
VS	250	1	-14,07293283	-42,48975692
VS	70	1	-13,63668752	-42,57027137
VS	70	1	-14,33935187	-42,44875741
VS	70	1	-14,05952544	-42,48563102
LD	15	1	-14,04868679	-42,76043202
VS	400	1	-14,06789039	-42,49022119
LD	40	1	-13,8418749	-42,39289704
VS	70	1	-14,07147393	-42,49003235
VS	250	1	-14,06533267	-42,49635305
VM	125	1	-14,11721633	-42,67328471
VS	70	1	-14,06282315	-42,49933776
VS	70	1	-14,07379471	-42,48058058
VS	70	1	-14,07067236	-42,49293907
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VS	70	1	-14,0748174	-42,49100277
VS	70	1	-14,0651363	-42,48972249
VS	400	1	-14,06890283	-42,49011571
VS	70	1	-14,05300447	-42,48588711
VS	70	1	-14,06833284	-42,48004383
VS	250	1	-14,06410355	-42,48882622
VS	70	1	-14,05600548	-42,47775598
VS	400	2	-14,05947225	-42,49539025
PL	40	1	-13,9631171	-42,47318195
VS	70	1	-14,05584051	-42,47810111
LD	14	1	-13,95863387	-42,4739698
VS	70	1	-14,15154974	-42,45317556
VS	70	1	-14,08033718	-42,49518459

VS	70	1	-14,06390016	-42,4793832
VS	70	1	-14,06271064	-42,49671326
VS	70	1	-14,07271309	-42,48896422
VS	70	1	-14,06344676	-42,47559715
LD	40	1	-14,15953947	-42,38965006
VS	70	1	-14,05768445	-42,49017145
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VS	70	1	-14,06616744	-42,48953017
VS	70	1	-14,07516208	-42,49046627
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VS	70	1	-14,06629625	-42,48419274
VS	70	1	-14,06458022	-42,48296912
VS	70	1	-14,05934541	-42,48730207
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VS	250	1	-13,83291263	-42,43853279
VS	70	1	-14,07471717	-42,49138232
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VS	250	1	-14,0583594	-42,48301167
LD	40	1	-14,06876947	-42,47770616
LD	40	1	-14,3025737	-42,57806365
VS	70	2	-14,06882695	-42,49337973
VS	70	1	-14,071335	-42,48262479
VS	70	1	-13,755948	-42,56245205
ME	150	1	-14,07846409	-42,49602774
VS	70	1	-14,06617804	-42,48321346
ME	150	1	-14,07975317	-42,49765522
VS	250	1	-14,07192669	-42,48969986
VS	70	1	-14,06604194	-42,49345713
VS	70	1	-13,75053271	-42,46752549
PL	45	1	-13,8222957	-42,27277086
PL	45	1	-13,90227472	-42,36887855
VS	70	1	-14,06399824	-42,48007807
LD	50	1	-14,05410887	-42,50285167
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ME	150	1	-14,07888337	-42,49628337
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LD	40	1	-14,17158526	-42,46426204
VS	70	1	-14,05899476	-42,48995621
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VS	70	1	-14,05731588	-42,48938174
VS	400	2	-14,06212982	-42,49696821
LD	40	1	-13,94715996	-42,47602302
VS	70	1	-14,06141332	-42,48862166
VS	70	1	-13,63238029	-42,57091971
PL	45	1	-13,93909403	-42,37636274
PL	45	1	-13,92974355	-42,37899594
LD	50	1	-14,05263654	-42,50266711
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VS	400	1	-14,0715033	-42,4844193
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VS	70	1	-14,05436978	-42,47663061
VS	70	1	-14,05441553	-42,47525013
VS	70	1	-14,06031534	-42,47568073
VS	70	1	-13,63689475	-42,56996159
LD	40	1	-14,05596154	-42,49017196
LD	50	1	-14,05282771	-42,5027381
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VS	70	1	-14,06772253	-42,48507826
VS	250	1	-14,0651364	-42,4788542

VS	250	1	-14,06500557	-42,48580371
LD	30	1	-14,15356938	-42,40411756
VS	70	1	-14,0808393	-42,64127751
VS	70	1	-14,05378807	-42,47453364
LD	40	1	-14,06649542	-42,47598606
MT	160	1	-14,08741098	-42,4300405
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VS	70	1	-14,05360544	-42,47830506
LD	40	1	-14,17022389	-42,38789319
VS	150	1	-14,07275051	-42,47648692
VS	70	1	-14,06038114	-42,4723604
LD	40	1	-14,0607417	-42,47209753
VS	70	1	-14,06921666	-42,46549126
LD	30	1	-14,15661186	-42,40146355
VS	70	1	-14,15021962	-42,44746642
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VS	70	1	-14,06801493	-42,46974956
VS	70	1	-14,04882707	-42,47502229
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VS	70	1	-14,14566103	-42,43847915
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VS	70	1	-14,04822575	-42,47328727
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ME	250	1	-14,05357588	-42,4710439
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ME	70	1	-14,06154404	-42,47243345
VS	70	1	-14,06154404	-42,47243345
VS	70	1	-14,0620416	-42,47368764
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VS	70	1	-14,05101315	-42,47485923
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VS	70	1	-14,20001426	-42,36015862
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VS	70	1	-14,06018829	-42,47193802
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VS	70	1	-14,04880174	-42,47396557
VS	70	1	-14,1942206	-42,36477404
VS	70	1	-14,06098053	-42,47328089
VS	250	1	-14,15784556	-42,41508694
LD	40	1	-14,04950933	-42,4756871
VS	70	1	-14,06712972	-42,47767674
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LD	40	2	-14,17069451	-42,38761599
LD	50	1	-14,16868222	-42,38922302
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VS	70	1	-14,0610059	-42,47218838
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VS	150	1	-14,06946451	-42,47641891
VS	70	1	-14,19931445	-42,35651524
LD	40	1	-14,05292801	-42,47624809
ME	70	1	-14,06861684	-42,4670832
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VS	70	1	-14,0579121	-42,47282743
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VS	70	1	-14,05131948	-42,47748816
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ME	250	1	-14,05374262	-42,47178639
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LD	50	1	-14,17729595	-42,37558939
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VS	70	1	-14,0699874	-42,48276999
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ME	150	1	-14,08212561	-42,4992457
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LD	30	1	-14,19329423	-42,34929562
VS	70	1	-14,06609532	-42,49988308
VS	70	1	-14,06055659	-42,48525668
VS	70	2	-14,06148932	-42,48679718
VS	70	1	-14,08186921	-42,49469629
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VS	250	1	-14,04828536	-42,48730403
VS	250	1	-14,06624242	-42,49268879
VS	70	1	-14,06150373	-42,4857015
VS	70	1	-14,07303215	-42,49299043
LD	40	1	-14,06086743	-42,52376534
VS	250	2	-14,06952403	-42,49295514
VS	70	1	-14,05545074	-42,47795674
VS	70	1	-14,0758221	-42,49047693
VS	250	1	-13,99727296	-42,59318383
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VS	70	1	-14,04757275	-42,47564718
VS	70	1	-14,07463896	-42,4921416
VS	70	1	-14,06087749	-42,48529542
VS	70	1	-14,0633097	-42,49867518
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VS	70	1	-14,07578343	-42,47953331
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VS	70	1	-14,0556346	-42,48145312
LD	30	1	-14,06121094	-42,52421589
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LD	30	1	-14,05234821	-42,64511599
VS	70	1	-14,23077534	-42,40598579
ME	400	1	-14,09307848	-42,66118663
VS	70	1	-14,05503606	-42,4907848
LD	40	1	-14,09893651	-42,66179585
LD	50	1	-14,05368938	-42,50161078
VS	400	1	-14,06889646	-42,49031401
VS	70	1	-14,08026444	-42,49352461
LD	40	1	-14,07210289	-42,48715145
VS	70	1	-14,20463729	-42,40981273
ME	70	1	-14,33356206	-42,48827086
VS	70	1	-14,07188905	-42,48593917
VS	70	1	-14,05602837	-42,47797877
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ME	70	1	-13,70581726	-42,28081856
VS	70	1	-13,69375786	-42,28180524

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VS	70	1	-14,05352597	-42,48558562
VS	70	1	-14,0688145	-42,48158861
VS	70	1	-14,06982765	-42,48587925
LD	40	1	-14,07208185	-42,4874076
VS	250	1	-14,06495292	-42,47840859
VS	400	1	-13,99684866	-42,59291422
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LD	40	1	-14,05749932	-42,4754331
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VS	70	1	-14,05715269	-42,49445667
VS	250	1	-14,07410429	-42,49206923
VS	400	1	-14,06683518	-42,49019848
LD	9	1	-13,93031363	-42,37543559
PL	45	1	-13,92662072	-42,38150283
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VS	250	1	-14,06277401	-42,47951693
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VS	70	1	-14,04883292	-42,47600783
LD	50	1	-14,02922942	-42,60473023
VM	125	1	-13,60067548	-42,57644769
VS	250	1	-14,06561482	-42,48121894
LD	30	1	-13,83709613	-42,38855951
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VS	70	1	-14,05404651	-42,48752244
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VS	250	1	-14,06519252	-42,47945989
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ME	150	1	-14,08004115	-42,49682163
VS	70	1	-14,06331833	-42,48551359
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LD	40	1	-14,05752718	-42,48005925
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VS	70	1	-14,06271768	-42,49636511
VS	70	1	-14,07514564	-42,48965111
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LD	15	1	-13,8754376	-42,27414425
VS	250	2	-14,06477508	-42,49395459
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ME	150	1	-14,07996394	-42,49866607
ME	150	1	-14,08083989	-42,49950033
VS	70	1	-14,07054861	-42,48706638

VS	70	1	-14,25669709	-42,52359576
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VS	150	1	-14,06736213	-42,47696707
VS	70	1	-14,04878767	-42,47380976
VS	70	1	-14,19906021	-42,36326185
VS	70	1	-14,05295048	-42,47419219
LD	40	1	-14,16643055	-42,39089838
ME	400	1	-14,05423116	-42,4722439
LD	30	1	-14,14545274	-42,4386548
ME	250	1	-14,05433706	-42,4715342
LD	40	1	-14,04961916	-42,47629767
VS	70	1	-14,05159226	-42,47786336
LD	40	1	-14,06699096	-42,47696751
LD	30	1	-14,15318902	-42,40447827
LD	50	1	-14,17051529	-42,38661488
VS	70	1	-14,14641282	-42,4377486
VS	70	1	-14,04936876	-42,47557669
LD	30	1	-14,10521173	-42,44148693
VS	250	1	-14,05329453	-42,4716358
VS	70	1	-14,048929	-42,474453
VS	150	1	-14,07141672	-42,47646416
VS	150	1	-14,07303846	-42,47645648
VS	70	1	-14,14658434	-42,43789718
VS	70	2	-14,23290491	-42,39665189
VS	70	1	-14,24011737	-42,4108923
VS	70	1	-14,23775752	-42,40808154
VS	70	1	-14,23392532	-42,39464668
VS	70	1	-14,23760279	-42,40740766
VS	70	1	-14,23257721	-42,39672232
VS	70	1	-14,23548144	-42,39859765
VS	70	1	-14,2298396	-42,40583276
VS	70	1	-14,23223975	-42,39641501
VS	70	1	-14,23292715	-42,4059888
VS	70	1	-14,24129794	-42,40194107
VS	70	1	-14,23797623	-42,40638443
VS	70	1	-14,23921232	-42,4100895
VS	70	1	-14,23368918	-42,39473767
VS	70	1	-14,24044588	-42,41129509
VS	70	1	-14,23481289	-42,39713267
VS	70	1	-14,24240454	-42,40649745
LD	40	1	-14,25534629	-42,41459272
VS	70	1	-14,25581307	-42,41409243
VS	70	1	-14,07255614	-42,49141477
VS	250	1	-14,06579242	-42,49622909
LD	30	1	-13,80668084	-42,36654195
VS	70	1	-14,06767454	-42,4819382
VS	70	1	-14,06027241	-42,49505103
VS	70	1	-13,6847104	-42,30450769
VS	250	1	-14,07968918	-42,66375621
VS	70	1	-14,079176	-42,6639171
VS	70	1	-14,05590024	-42,48291391
VS	70	2	-14,07285616	-42,48787283
VS	250	1	-14,06613695	-42,49302228
VS	70	1	-14,07580287	-42,47999222
LD	40	1	-14,05142491	-42,48060227

VS	70	1	-14,0710025	-42,48616887
VS	70	1	-13,96157229	-42,44102459
PL	30	1	-13,91598488	-42,41496877
VS	70	1	-14,07467613	-42,48932592
LD	150	1	-14,06849102	-42,48510766
LD	200	1	-14,06849102	-42,48510766
LD	30	12	-14,06849102	-42,48510766
ME	150	1	-14,06849102	-42,48510766
MV	150	2	-14,06849102	-42,48510766
VS	150	3	-14,06849102	-42,48510766
VS	400	2	-14,06849102	-42,48510766
PL	45	1	-13,95980187	-42,41369592
VS	250	1	-14,10384979	-42,62000103
VS	70	1	-14,36353867	-42,47709375
LD	50	1	-14,05364036	-42,50266244
LD	50	1	-14,05385996	-42,50197866
VS	250	1	-14,0706276	-42,4837413
VS	70	1	-14,05802891	-42,47900942
VS	70	1	-14,06557642	-42,49116835
VS	70	1	-14,05212409	-42,48578643
VS	70	1	-14,05492283	-42,47894621
VS	250	1	-14,06266947	-42,49708292
VS	400	1	-14,06266947	-42,49708292
VS	70	1	-14,07598889	-42,47979365
VS	70	1	-14,06051973	-42,48663833
LD	30	1	-13,68061207	-42,30749376
ME	70	1	-14,33898796	-42,4950779
VS	250	1	-14,06206594	-42,48330656
VM	250	1	-13,80453643	-42,31618438
VS	250	1	-14,06694607	-42,48451162
VS	70	1	-14,06559843	-42,47894797
VS	70	1	-14,07043338	-42,49040064
VS	70	1	-14,0633787	-42,48244792
VS	70	1	-14,07259625	-42,49022609
LD	40	1	-14,05720249	-42,48279623
VS	70	1	-14,06432415	-42,47987498
VS	250	1	-14,01753264	-42,72227819
VS	250	1	-14,06639727	-42,49656078
ME	150	1	-14,08068064	-42,49876998
VS	250	2	-14,06487536	-42,4890921
VS	70	1	-14,06330572	-42,48277194
VS	70	1	-14,05927332	-42,48352513
VS	70	1	-14,25761482	-42,52391843
VS	70	1	-14,06662693	-42,48788013
VS	70	1	-14,045523	-42,47549756
VS	70	1	-14,05395284	-42,47802162
VS	70	1	-14,06885611	-42,48339487
VS	70	1	-14,07752139	-42,49391176
VS	70	1	-13,7543367	-42,47168542
VS	70	1	-14,06736222	-42,48890286
ME	150	1	-14,06442339	-42,49791808
VS	250	1	-14,0682318	-42,49259115
VS	70	1	-14,06507079	-42,48180309
LD	200	1	-14,06841718	-42,48585776
VS	70	1	-14,06817254	-42,48158727
VS	70	1	-14,0693059	-42,48046045
VS	70	1	-14,05520269	-42,4774195
VS	70	1	-13,63363712	-42,57091346
VS	70	1	-14,07345629	-42,49338963
VS	70	1	-14,0542028	-42,48623537
VS	70	1	-14,19155381	-42,3577624
VS	70	1	-14,07499244	-42,4923906

ME	70	1	-14,07558008	-42,49189092
LD	40	1	-14,25905967	-42,52432038
VS	250	1	-14,06586987	-42,48462977
ME	250	1	-14,07350675	-42,49080546
VS	250	1	-14,07350675	-42,49080546
VS	250	1	-14,06659743	-42,49151323
LD	40	1	-14,03214441	-42,44896657
VS	70	1	-14,08079001	-42,49442063
VS	150	1	-13,70195675	-42,51622211
VS	70	1	-13,70195675	-42,51622211
VS	70	1	-14,2595624	-42,52397854
VS	70	1	-14,05618436	-42,47326671
VS	400	2	-14,06150363	-42,49615633
PL	40	1	-13,92181988	-42,37987407
VS	250	1	-13,99435035	-42,68289437
VS	250	1	-14,07400553	-42,49007477
LD	30	1	-13,93607972	-42,44084635
VS	250	1	-14,06544702	-42,48357298
VS	70	1	-14,08060895	-42,49532921
VS	70	1	-14,06381598	-42,47427814
VS	250	1	-14,06961229	-42,49107755
VS	70	1	-14,05471853	-42,47869488
LD	9	1	-13,89157765	-42,3661245
VS	250	1	-14,06272199	-42,47976115
VS	70	1	-14,05794046	-42,49091222
LD	200	1	-14,06962149	-42,48498036
LD	40	1	-14,0612738	-42,48152657
VS	70	1	-14,07031957	-42,48291546
VS	70	1	-14,05998864	-42,47629099
LD	100	1	-14,05823765	-42,48217219
LD	30	1	-13,63610468	-42,57129842
LD	50	1	-14,05342353	-42,50153564
LD	30	1	-13,83707289	-42,38804841
VS	400	1	-14,06901122	-42,48721133
LD	50	1	-14,06328215	-42,48098428
VS	70	1	-13,63713982	-42,56971005
LD	40	1	-14,04935116	-42,47611661
LD	40	1	-13,94757233	-42,47594628
VS	70	1	-14,06257905	-42,47613563
VS	70	1	-14,05506212	-42,48152288
VS	250	1	-14,06460324	-42,48705096
VS	250	1	-14,06427801	-42,48849083
LD	30	1	-13,94529407	-42,46905673
VS	70	1	-14,06256452	-42,4871792
ME	150	1	-14,07994946	-42,49708922
ME	150	1	-14,08140783	-42,49843336
LD	8	6	-14,06503685	-42,48522081
VS	250	1	-14,06503685	-42,48522081
VS	70	1	-14,06450018	-42,4822928
ME	70	1	-13,7282809	-42,36625624
VS	250	1	-14,07242857	-42,49189615
VS	70	1	-14,07571732	-42,49309806
VS	70	1	-14,05425658	-42,47979275
VS	70	1	-14,22214852	-42,38149288
VS	70	1	-14,06332395	-42,48721785
VS	250	1	-14,06098015	-42,48369329
VS	70	1	-14,05435424	-42,48736564
VS	70	1	-14,07089244	-42,48694669
VS	70	1	-13,6392659	-42,27687261
LD	40	1	-14,0570051	-42,4921115
ME	150	1	-14,08116907	-42,49894462
VS	70	1	-14,06116966	-42,48838959

VS	70	1	-14,08012908	-42,49339464
ME	70	1	-14,03380015	-42,7617118
VS	250	1	-14,03831246	-42,76616012
VS	70	1	-14,06839814	-42,46796269
VS	70	1	-14,05809358	-42,48150697
VS	70	1	-14,04657931	-42,47427294
VS	70	1	-14,08060134	-42,49365613
VS	70	1	-14,06361651	-42,4810776
VS	70	1	-14,06623147	-42,52781246
VS	70	1	-14,05762675	-42,47254362
VS	70	1	-14,35915868	-42,49195071
LD	70	1	-14,06652649	-42,48181539
LD	9	1	-14,291267	-42,50279768
VS	70	1	-14,05677339	-42,48032239
VS	70	1	-14,05858776	-42,48207771
VS	70	1	-14,06251709	-42,47596202
LD	40	1	-14,07405	-42,49488218
VS	250	1	-14,0659117	-42,49578049
VS	70	1	-14,07364177	-42,47941474
VS	70	1	-14,07374116	-42,48213613
LD	50	1	-14,05270948	-42,50163412
VS	70	1	-14,07628576	-42,49368283
VS	250	1	-14,06288158	-42,52183384
VS	400	1	-14,06862135	-42,49266117
VM	80	1	-13,67332569	-42,40574282
VS	70	2	-14,06634201	-42,47909188
VS	70	1	-14,06659432	-42,48624507
LD	40	1	-14,05310374	-42,47966643
VS	250	1	-14,06716567	-42,49219985
VS	250	1	-14,06200209	-42,48358429
VS	250	1	-14,08096792	-42,49483849
VS	70	1	-14,05160682	-42,48051661
VS	70	1	-14,0754437	-42,48980921
VS	70	1	-14,07425104	-42,4938452
VS	70	1	-14,06341589	-42,48645854
VS	70	1	-14,05861373	-42,48852849
VS	70	1	-14,06728871	-42,48948624
VS	70	1	-14,07911762	-42,49279965
VS	70	1	-14,07992903	-42,49394999
LD	30	1	-14,03365424	-42,75212436
VS	250	1	-14,03365424	-42,75212436
VS	70	1	-14,06125349	-42,48264724
VS	70	1	-14,07209049	-42,48467989
VS	70	1	-13,82892114	-42,23860167
VS	400	2	-14,06568669	-42,49002506
VS	70	1	-14,077708	-42,49236129
VS	70	1	-14,0690172	-42,49319488
VS	70	1	-14,07788814	-42,4927044
VS	70	1	-14,06833768	-42,4803835
VS	70	1	-14,06561535	-42,52645274
VS	250	1	-14,0737526	-42,48995382
VS	70	1	-14,06175362	-42,50779505
VS	70	1	-14,05134415	-42,47942225
VS	70	1	-14,07431532	-42,48889907
VS	70	1	-14,06099881	-42,4834062
VS	70	1	-14,21574989	-42,4078738
VS	70	1	-14,05416011	-42,47293071
LD	30	1	-13,94643672	-42,46701606
VS	70	1	-14,06195867	-42,4872057
LD	40	1	-14,05745561	-42,48877973
LD	30	1	-13,80788481	-42,31455269
VS	70	1	-13,80585334	-42,32035359

PL	40	1	-13,88345165	-42,38748817
VS	70	1	-14,06424114	-42,48523766
VS	70	1	-14,07063524	-42,4878234
VS	70	1	-14,06614471	-42,49182718
VS	70	1	-14,08781844	-42,50043215
PL	40	1	-13,88328831	-42,38785811
VS	70	1	-13,63161277	-42,57046486
VS	70	1	-14,05769726	-42,49054418
LD	30	1	-14,29879936	-42,43037181
VS	250	1	-14,06820463	-42,48814513
VS	70	1	-14,05422346	-42,47419685
VS	250	2	-14,06487762	-42,48797137
LD	40	1	-13,95622805	-42,45318116
LD	9	1	-13,86105913	-42,44767591
VS	70	2	-14,07169095	-42,48710612
VS	70	1	-14,06287695	-42,48467906
LD	40	1	-14,05172292	-42,48632434
VS	70	1	-14,06753965	-42,49503494
VS	70	1	-14,06332706	-42,49902718
VS	70	1	-14,05255075	-42,48039697
VS	250	1	-14,07028115	-42,48966857
VS	70	1	-14,05671177	-42,47214774
LD	100	1	-14,07093739	-42,49155026
VS	70	1	-14,06757167	-42,48816232
VS	70	1	-14,08026629	-42,49261685
VS	70	1	-14,07973932	-42,49386621
LD	40	1	-14,08060002	-42,49301587
VS	70	1	-14,08008319	-42,49372801
VS	70	1	-14,07866604	-42,49254859
LD	40	1	-14,06768568	-42,48542089
VS	70	1	-14,05677156	-42,48124858
VS	70	1	-14,0596041	-42,473097
LD	40	1	-14,06455804	-42,48047752
VS	70	1	-14,06455804	-42,48047752
VS	70	1	-14,06179917	-42,48801868
ME	70	1	-14,33456955	-42,48734617
VS	70	1	-14,0555103	-42,47938801
VS	70	1	-14,07482156	-42,48154446
VS	70	1	-14,05207063	-42,48620912
VM	125	1	-13,60183873	-42,57613175
VS	250	1	-14,0734725	-42,4898606
VS	70	1	-14,07531436	-42,4821672
PL	40	1	-13,88365123	-42,38707201
LD	40	1	-14,05230412	-42,48165606
PL	45	1	-13,91756072	-42,3583134
LD	40	1	-13,61436187	-42,57608711
VS	70	1	-14,07689983	-42,67368108
ME	150	1	-14,07658605	-42,49654964
ME	150	1	-14,07638871	-42,4963082
ME	150	1	-14,07638769	-42,49680672
VS	70	1	-14,05326529	-42,479359
VS	400	1	-14,06981457	-42,48788919
VM	400	1	-14,06140905	-42,52517006
LD	200	1	-14,06944772	-42,48597108
VS	70	1	-14,06668517	-42,47930562
VS	70	1	-14,06443467	-42,49937987
PL	45	1	-13,94266576	-42,432656
VS	70	1	-14,05757985	-42,48913444
VS	70	1	-14,05245204	-42,48001703
LD	50	1	-14,0681648	-42,48996048
VS	70	1	-14,0641094	-42,48329231
VS	70	1	-14,05847081	-42,48141245

VS	70	1	-14,0373474	-42,5345561
VS	70	1	-14,06152834	-42,50101854
VS	70	1	-14,06135752	-42,50137782
VS	70	1	-14,05728783	-42,49548976
LD	40	1	-14,02474091	-42,5327907
VS	70	1	-14,0581541	-42,49034213
VS	70	1	-14,05548214	-42,48400594
LD	100	1	-14,05824569	-42,48240598
VS	70	1	-14,0671203	-42,49671053
LD	9	1	-14,31607674	-42,51165191
LD	40	1	-14,06245191	-42,49968281
VS	70	1	-14,05696337	-42,48639771
VS	250	1	-14,06407576	-42,49103548
VS	70	1	-14,06873001	-42,48315379
PL	45	1	-14,03692451	-42,54280355
LD	40	1	-14,07148191	-42,48665477
VS	70	1	-14,05495055	-42,48758918
VS	70	1	-14,05852558	-42,48834473
VS	70	1	-14,06436933	-42,48633245
VS	70	1	-13,83846342	-42,38607269
VS	70	1	-13,75798937	-42,59676034
ME	150	1	-14,07783458	-42,49793563
ME	150	1	-14,07782971	-42,49766441
ME	150	1	-14,07767223	-42,49756274
ME	150	1	-14,07741657	-42,4970582
ME	150	1	-14,07746537	-42,49804164
ME	150	1	-14,07695822	-42,49759954
ME	150	1	-14,07821062	-42,49723358
LD	40	1	-14,06767739	-42,48345891
VS	400	1	-14,06904023	-42,48627588
VS	70	1	-14,29131907	-42,46769969
VS	70	1	-14,25831044	-42,52413547
VS	150	1	-14,07294424	-42,48308314
VS	70	1	-14,06349821	-42,48145711
VS	150	1	-14,04762322	-42,48613465
VS	70	1	-14,0554873	-42,47729403
LD	40	1	-13,88546832	-42,38729714
VS	70	1	-14,06614802	-42,48116624
VS	70	1	-14,06398634	-42,49939909
LD	100	1	-14,05645312	-42,47868477
VS	70	1	-14,0718885	-42,49070013
ME	150	1	-14,07784184	-42,49625001
ME	150	1	-14,08200507	-42,49956075
VS	250	1	-14,06094779	-42,4842345
LD	30	1	-13,99282544	-42,46506467
LD	40	1	-14,05193607	-42,68240236
LD	30	1	-13,82185286	-42,26244012
VS	70	1	-13,92989856	-42,49080543
LD	40	1	-14,07084055	-42,48815515
LD	40	1	-14,06269679	-42,48193652
VS	70	1	-14,07313831	-42,4896839
VS	70	1	-14,05594143	-42,48038549
VS	70	1	-14,06015011	-42,47514726
VS	400	2	-14,0580271	-42,49362246
LD	40	1	-14,06190871	-42,49530851
VS	70	1	-14,07170931	-42,4853923
VS	70	1	-14,07503517	-42,49062346
ME	250	1	-14,03368569	-42,75554843
VS	70	1	-14,26983255	-42,59040048
VS	70	1	-14,06711856	-42,49313525
VS	250	1	-14,06872252	-42,4868958
VS	250	1	-14,05956998	-42,48352362

VS	250	1	-14,06787687	-42,48926519
VS	70	1	-14,2890439	-42,49969564
VS	70	1	-14,06849457	-42,48332928
VS	70	1	-14,07415802	-42,49067717
LD	40	1	-14,06086701	-42,48601785
VS	70	1	-14,06086701	-42,48601785
VS	70	1	-14,05458171	-42,48665295
PL	40	1	-13,96090751	-42,41386147
LD	8	2	-14,06891322	-42,49097168
PL	20	3	-14,06891322	-42,49097168
VS	400	1	-14,06891322	-42,49097168
VS	70	1	-14,21614011	-42,3930508
VS	70	1	-14,31191086	-42,45076838
VS	70	2	-14,05406649	-42,48657777
VS	70	1	-14,06506306	-42,49101646
VS	70	1	-14,04805898	-42,47741511
VS	150	1	-14,07286469	-42,48384334
VS	70	1	-14,06330164	-42,48481889
VS	400	1	-14,06896267	-42,48886921
VS	70	1	-14,04793085	-42,47488235
LD	100	1	-14,06566962	-42,49548608
LD	150	1	-14,05876683	-42,48273467
VS	250	1	-14,06890305	-42,49490208
LD	50	1	-14,05437819	-42,50217391
VS	70	2	-14,06453362	-42,47810252
VS	70	1	-14,06359439	-42,48310599
VS	70	1	-14,06597906	-42,4954709
LD	40	1	-14,06361424	-42,49122901
VS	70	1	-14,05569627	-42,47595547
LD	20	1	-14,29911805	-42,46629765
VS	70	1	-14,20695096	-42,4102347
VS	70	1	-14,06238255	-42,47940459
PL	45	1	-13,92724569	-42,37947317
VS	70	1	-14,07041233	-42,48059845
VS	70	1	-14,07662488	-42,48061602
VS	70	1	-14,06488286	-42,49872489
VS	70	1	-14,06991162	-42,48004406
VS	250	1	-14,06348896	-42,49715406
LD	40	1	-13,63533718	-42,57083432
VS	70	1	-14,07451355	-42,48924221
VS	70	1	-14,07716329	-42,49344387
VS	250	1	-14,0700505	-42,49194666
VS	70	1	-14,06725411	-42,48216045
VS	70	1	-14,07203518	-42,48435123
VS	250	1	-14,05384831	-42,4838623
VS	70	1	-14,08067523	-42,49607826
VS	70	1	-14,25710696	-42,5237504
LD	40	1	-14,00870575	-42,44317474
LD	50	1	-14,05349042	-42,50297971
LD	40	1	-14,07685188	-42,48195737
VS	150	1	-14,0547278	-42,48141104
VS	70	1	-14,05479492	-42,47947544
VS	70	1	-14,05338209	-42,48210593
VS	70	1	-14,09111487	-42,73638488
VS	250	1	-14,06550749	-42,48085323
VS	70	1	-13,94177222	-42,4754355
VS	250	1	-14,07282836	-42,49093369
VS	250	1	-13,83215504	-42,43831532
VS	70	1	-13,83351992	-42,43546844
VS	70	1	-14,07656479	-42,48096473
LD	40	1	-14,06207754	-42,50071093
VS	70	1	-14,05577034	-42,47902104

VS	70	1	-14,06366001	-42,49095124
VS	70	1	-14,06561031	-42,49228916
VS	400	1	-14,06607613	-42,48997457
VS	70	1	-14,02740881	-42,51386792
VS	70	1	-14,06145087	-42,48793634
VS	250	1	-14,06753628	-42,49224696
VS	70	1	-14,0636442	-42,48079053
PL	30	1	-13,90237257	-42,34144156
LD	50	1	-14,10687932	-42,43755125
LD	30	1	-14,10827952	-42,43964602
ME	150	1	-14,07684676	-42,49719118
LD	40	1	-14,06906439	-42,66373396
VS	70	1	-14,08215436	-42,49718059
VS	70	1	-14,06190668	-42,47839644
LD	40	1	-14,06739865	-42,48313674
VS	70	1	-14,0591742	-42,47280103
VS	70	1	-14,07394443	-42,49344625
VS	70	1	-14,0556742	-42,48291344
LD	40	1	-13,68255058	-42,43497688
VS	70	2	-14,07160511	-42,48798004
LD	50	1	-13,75602689	-42,58516041
VS	70	1	-13,7558617	-42,57384788
VS	70	1	-14,073301	-42,49416735
LD	30	1	-13,9959929	-42,58788418
VS	250	1	-14,06452308	-42,48146425
VS	70	1	-14,06425823	-42,48694918
VS	250	2	-14,0649066	-42,49161429
VS	70	1	-13,74864847	-42,42280198
VS	70	1	-14,06172685	-42,47425013
VS	70	1	-14,36001776	-42,47460384
VS	70	1	-14,05531879	-42,47975439
VS	70	1	-14,05471757	-42,47683704
LD	40	1	-14,06517051	-42,48167363
VS	70	1	-14,02825352	-42,50712116
VS	250	1	-14,07017955	-42,49184384
VS	70	1	-14,03557224	-42,7602548
VS	70	1	-14,05388462	-42,66240277
VS	70	1	-14,09528475	-42,65233772
VS	70	1	-14,03593114	-42,76087016
VS	250	1	-13,71023087	-42,43358742
LD	40	1	-14,0562311	-42,48475995
VS	250	1	-14,06795867	-42,48905233
LD	40	1	-14,06251564	-42,50030629
VS	250	1	-14,06404395	-42,48491659
VS	70	1	-14,07389529	-42,48192341
VS	70	1	-14,05323733	-42,48069477
VS	70	1	-14,06200143	-42,47794288
VS	70	1	-14,0701662	-42,53161676
LD	50	1	-14,05311052	-42,50248874
VS	70	1	-14,05555109	-42,47390699
VS	400	1	-14,06553952	-42,48252653
VS	250	1	-14,06725338	-42,48456784
VS	70	1	-13,63788724	-42,57072947
VS	70	1	-14,05888529	-42,47953877
LD	30	1	-13,91583739	-42,41662541
LD	40	1	-14,05881418	-42,48129544
VS	250	1	-14,05824813	-42,49399462
VS	400	1	-14,05824813	-42,49399462
VS	70	1	-14,08146813	-42,49562237
VS	250	1	-14,06575482	-42,49401003
VS	70	1	-14,07831255	-42,49297393
VS	70	1	-14,06415944	-42,4898964

VS	70	1	-14,0737916	-42,49225938
VS	70	1	-14,06433815	-42,48655153
VS	70	1	-14,05524606	-42,48730537
VS	70	1	-14,07310609	-42,48790893
VS	70	1	-14,06239954	-42,47785136
VS	400	1	-14,07133971	-42,48483577
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VS	70	1	-14,05899625	-42,47907478
VS	70	1	-14,05713358	-42,48898346
LD	40	1	-14,07226473	-42,47867513
LD	40	2	-14,07231536	-42,4852639
VS	70	1	-14,07635236	-42,4819843
VS	400	1	-14,07048166	-42,48438011
LD	100	1	-14,06038496	-42,52150958
VS	70	2	-14,0700378	-42,48478672
VS	70	1	-14,05913816	-42,48694968
LD	50	1	-14,11446354	-42,41596599
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VS	70	1	-14,06964878	-42,48263608
PL	55	1	-13,91522784	-42,35945412
VS	70	1	-14,05155422	-42,47982131
VS	70	1	-14,05877749	-42,47877303
VS	70	1	-14,06581817	-42,49233591
PL	45	1	-13,94900213	-42,44051947
VS	70	1	-14,06281207	-42,47805608
VS	70	1	-14,05943293	-42,47968884
VS	70	1	-14,07766158	-42,49295401
VS	250	2	-14,0396221	-42,65838352
PL	45	1	-13,90671115	-42,38527735
LD	30	2	-13,68105668	-42,44419333
VS	70	1	-14,06666549	-42,49361593
VS	70	1	-13,61762504	-42,71082013
VS	70	1	-14,05834805	-42,48868001
VS	400	1	-14,06908703	-42,4864252
VS	70	1	-14,07453534	-42,48129812
ME	70	1	-14,33400639	-42,48812382
VS	70	1	-14,05968717	-42,48821048
LD	40	1	-14,03771319	-42,60663935
LD	70	2	-14,07260065	-42,49175758
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ME	70	1	-14,05161611	-42,4743671
VS	70	1	-14,06582476	-42,48908485
VS	70	1	-14,06025383	-42,48192391
VS	70	1	-14,05994379	-42,48196837
ME	70	1	-13,72633236	-42,36981782
ME	70	1	-14,05623486	-42,48287757
VS	70	1	-13,94709831	-42,46932965
VS	70	1	-14,06769865	-42,49686923
LD	40	1	-14,06405803	-42,48184729
LD	40	1	-14,06432615	-42,49683419
VS	70	1	-14,06214267	-42,47517711
VS	70	1	-14,06517037	-42,49520584
VS	400	1	-14,05361337	-42,48438241
VS	70	2	-14,07646629	-42,49383141
VS	70	1	-14,06053546	-42,48451669
VS	70	1	-14,06843868	-42,52932154
VS	70	1	-14,05667774	-42,47807765
VS	70	1	-14,06376159	-42,49771362
LD	40	1	-14,07098842	-42,49313426
LD	40	1	-13,99191815	-42,4656012
FL	45	1	-13,91281548	-42,41240841
LD	50	1	-13,66698459	-42,30420814

LD	40	1	-13,80419541	-42,31650043
LD	40	1	-14,10723467	-42,42896914
ME	150	1	-14,07793652	-42,49774134
LD	50	1	-14,0966021	-42,43331085
VS	70	1	-14,08189129	-42,49499998
VS	70	1	-14,08167194	-42,49574786
VS	70	1	-14,06204972	-42,47821594
VS	400	1	-14,0593145	-42,49413481
VS	400	1	-14,06005467	-42,49354936
VS	70	1	-14,07299803	-42,48750689
VS	70	1	-14,07325864	-42,49276861
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VS	70	1	-14,05708796	-42,4757304
VS	70	1	-13,75534891	-42,58314929
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ME	70	1	-14,05828599	-42,4887436
VS	70	1	-14,07483867	-42,48942816
VS	70	1	-14,08695434	-42,49955101
VS	250	1	-14,01542923	-42,68090834
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VS	400	1	-14,06907109	-42,48734169
LD	8	4	-14,06891986	-42,49072846
VS	400	1	-14,06891986	-42,49072846
VS	400	1	-14,06973187	-42,48854665
VS	70	1	-13,79929711	-42,41552166
VS	70	1	-14,05513878	-42,47933723
VS	70	1	-14,05646664	-42,48688143
VS	70	1	-14,06940439	-42,47742812
LD	30	1	-13,67970986	-42,43568927
VS	70	1	-14,05689708	-42,48178604
VS	70	1	-14,05984341	-42,48243201
VS	70	1	-14,07030682	-42,47977775
ME	70	1	-13,84000908	-42,31405975
LD	40	1	-13,60702694	-42,71946862
LD	30	1	-13,80377288	-42,31452187
VS	70	1	-14,06093714	-42,48259101
VS	250	1	-14,0706553	-42,48345422
LD	40	1	-14,09324005	-42,59356818
PL	45	1	-13,90963708	-42,39327027
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VS	150	1	-13,83542355	-42,43387975
LD	150	1	-14,06811829	-42,48611648
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VS	70	1	-14,30646228	-42,46394634
VS	250	1	-14,06825218	-42,48697817
VS	70	1	-14,07118469	-42,48549309
VS	70	1	-14,05742402	-42,48933417
VS	250	2	-14,06462936	-42,49447296
VS	70	1	-13,82880042	-42,58828847
LD	40	1	-13,8964129	-42,38490872
LD	70	1	-14,06222093	-42,47704342
VS	70	1	-14,06226705	-42,47841256
VS	400	1	-14,06727176	-42,49338566
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VS	70	1	-14,05881289	-42,49132067
LD	40	1	-14,05199073	-42,48010869
LD	20	1	-13,91263339	-42,4131486
ME	70	1	-14,05797388	-42,4742967

VS	400	1	-14,07106831	-42,4849093
VS	70	1	-14,07022582	-42,49465168
VS	70	1	-14,07173834	-42,48893992
VS	70	1	-14,06830516	-42,48309732
VS	70	1	-14,05207733	-42,48656432
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LD	50	1	-14,05359027	-42,50188202
LD	50	1	-14,05286435	-42,50168539
VS	70	1	-14,06295962	-42,49884059
VS	70	1	-14,05986927	-42,48758104
VS	70	1	-14,07002772	-42,4853054
VS	100	2	-14,07087048	-42,48743357
LD	40	1	-14,06222007	-42,50034816
VS	70	1	-14,34068745	-42,45387268
LD	40	1	-14,07154573	-42,48580877
LD	40	1	-14,03397932	-42,53930524
VS	70	1	-14,08046127	-42,49489872
VS	250	1	-14,06553456	-42,48047029
VS	70	1	-14,05604779	-42,47821685
VS	70	1	-14,07450059	-42,48217476
PL	45	1	-13,92430819	-42,4772623
ME	150	1	-14,07623136	-42,49609963
ME	150	1	-14,07639759	-42,49585898
ME	150	1	-14,08169405	-42,49994634
VS	70	1	-14,0645478	-42,49897424
VS	250	1	-14,06818197	-42,4859221
VS	400	1	-14,06035175	-42,49343302
VS	400	1	-14,06183114	-42,49282275
VS	70	1	-14,06368357	-42,48372674
VS	70	1	-14,07114879	-42,4881496
VS	70	1	-14,07490864	-42,47958113
VS	70	1	-14,06833981	-42,48385691
VM	125	1	-13,97036051	-42,47246076
PL	40	1	-13,92615687	-42,51217309
VS	250	2	-14,07285431	-42,49151729
VS	250	1	-14,07356664	-42,49248213
VS	250	1	-13,83259596	-42,43722909
VS	150	1	-13,83592219	-42,43338155
VS	70	1	-14,05450544	-42,47954894
VS	250	1	-14,06331656	-42,48463571
VS	70	1	-13,6829993	-42,51047723
VS	70	1	-13,74937725	-42,47490846
LD	40	1	-14,08200778	-42,49480543
VS	70	1	-14,08200778	-42,49480543
LD	40	1	-13,66458301	-42,53785016
VS	70	1	-13,77993219	-42,4286938
VS	250	1	-14,07034893	-42,4919195
VS	70	1	-14,07650086	-42,49043577
VS	250	1	-14,06920807	-42,49243938
VS	70	1	-13,83709966	-42,38895575
ME	150	1	-14,07903098	-42,49471419
ME	150	1	-14,07809594	-42,49433139
ME	150	1	-14,0782863	-42,49409625
VS	70	1	-14,04730359	-42,47936237
LD	40	1	-13,8575814	-42,37104047
VS	70	1	-14,06001428	-42,48741463
VS	70	1	-13,93073478	-42,49016549
VS	70	1	-14,06459407	-42,47862828
VS	70	1	-14,06454483	-42,48579237
ME	150	1	-14,08145439	-42,4988766
LD	100	1	-14,0566853	-42,47914594
VS	70	1	-14,06180375	-42,48106623

VS	70	1	-14,05201576	-42,48116458
VS	70	1	-14,06906576	-42,49598298
VS	70	1	-14,34070626	-42,45434252
VS	250	2	-14,06435637	-42,4953245
VS	70	1	-14,06483932	-42,49790971
VS	70	1	-14,06838162	-42,4810227
VS	70	1	-14,05386127	-42,4741848
VS	70	1	-14,05413325	-42,48029838
ME	70	1	-14,05689805	-42,49358096
ME	150	1	-14,0631897	-42,47904217
VS	70	1	-14,05927397	-42,49134018
ME	70	1	-14,05805719	-42,48038989
VS	70	2	-14,06144266	-42,48751953
LD	200	1	-14,06868834	-42,48590464
ME	250	1	-14,07062572	-42,49364292
VS	250	1	-14,07062572	-42,49364292
VS	70	1	-14,06841958	-42,48216622
VS	70	1	-14,06304772	-42,49856347
VS	70	1	-14,06170613	-42,47614698
VS	250	1	-14,05508446	-42,48393102
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VS	70	1	-14,0624763	-42,48941018
VS	70	1	-14,06198361	-42,4817822
VS	70	1	-14,06093741	-42,48698126
VS	70	1	-14,07543319	-42,49497778
VS	70	1	-14,06135184	-42,48320318
VS	70	1	-14,07427669	-42,48109983
VS	70	1	-14,06671156	-42,47967617
VS	70	1	-14,05723287	-42,48115692
VS	70	1	-14,05632332	-42,47930264
VS	250	1	-14,07072904	-42,48275042
VS	70	1	-14,05790607	-42,48815114
VS	250	1	-14,06250055	-42,48145382
LD	15	1	-13,88752143	-42,32056357
VS	70	1	-14,05463388	-42,48769039
VS	70	1	-14,07770871	-42,49200931
VS	250	1	-14,07441022	-42,49293418
ME	150	1	-14,07948718	-42,49522463
LD	50	1	-14,0530113	-42,50280714
ME	150	1	-14,07777684	-42,49478264
VS	150	1	-14,07855067	-42,4942365
ME	150	1	-14,07691467	-42,49573337
LD	30	1	-13,8153496	-42,26437641
ME	150	1	-14,08173048	-42,49889869
MV	400	1	-14,06851878	-42,4847928
VS	70	1	-14,07168974	-42,48770985
VS	70	1	-14,06721521	-42,49451555
VS	70	1	-14,07619473	-42,4902896
LD	200	1	-14,06937594	-42,48569306
VS	70	1	-14,05649	-42,48188707
LD	70	1	-14,05429266	-42,48502439
LD	100	1	-14,05730705	-42,48059024
VS	70	1	-14,06363668	-42,48397802
VS	70	1	-14,05636626	-42,49079643
VS	250	1	-14,0732427	-42,48399317
VS	70	1	-14,06038343	-42,52696457
VS	70	1	-14,0723834	-42,48686823
LD	40	1	-14,07221948	-42,4879869
PL	40	1	-13,88571777	-42,38964838
VS	70	1	-14,06447711	-42,48596941
VS	70	1	-14,05620045	-42,47289534

VS	70	1	-14,06312732	-42,48819469
LD	40	1	-14,05961862	-42,48633013
VS	250	1	-14,07491986	-42,49397631
ME	70	1	-13,6952017	-42,29511698
LD	40	1	-13,80442566	-42,2829905
VS	70	1	-14,06000387	-42,48267455
VS	250	1	-14,06968366	-42,49448379
LD	30	1	-13,93444451	-42,42940376
VS	70	1	-14,05967004	-42,48773808
VS	250	1	-14,06475022	-42,49284306
LD	75	1	-14,04807568	-42,48712641
VS	400	1	-14,05323936	-42,48390363
VS	70	1	-14,07085861	-42,49027186
VS	70	1	-14,07957829	-42,49302295
VS	70	1	-14,07891893	-42,49268807
VS	70	1	-14,05773562	-42,49142749
LD	30	1	-14,29441314	-42,42613031
VM	125	1	-13,97198716	-42,47310882
VS	70	1	-14,06247928	-42,48459487
VS	70	1	-14,07343557	-42,48121849
VS	70	1	-14,05256771	-42,48096197
LD	30	1	-13,8604201	-42,43457988
VS	70	1	-14,30836479	-42,46464436
VS	70	1	-14,30803774	-42,46502348
LD	100	1	-14,05710808	-42,48015859
VS	70	1	-14,06388082	-42,49895974
VS	70	1	-14,0315846	-42,53426014
VS	70	1	-14,057053	-42,47252401
VS	70	1	-14,05267367	-42,49112516
VS	70	1	-14,06341082	-42,47992866
LD	30	1	-13,8612145	-42,44463027
VS	250	1	-14,06862923	-42,48832201
VS	70	1	-14,05081383	-42,48525761
VS	250	1	-14,06964516	-42,49118627
VS	70	1	-14,05487964	-42,48652095
LD	50	1	-14,05520643	-42,50216451
LD	40	1	-13,74564544	-42,32774087
VS	70	1	-13,83575468	-42,43284696
VS	70	1	-13,63392516	-42,57147811
VS	70	1	-14,06563853	-42,48006537
VS	70	1	-14,05386426	-42,47455019
VS	70	1	-14,06343372	-42,48205902
VS	250	1	-14,07260303	-42,49058124
VS	70	1	-13,63170136	-42,57126015
PL	55	1	-13,89909035	-42,32698406
VS	70	1	-14,07744473	-42,66680213
VS	70	1	-13,76252569	-42,60570698
VS	70	1	-14,04883329	-42,47724741
ME	150	1	-14,07699156	-42,49699698
VS	70	1	-14,06807199	-42,48395222
VS	250	1	-14,07132102	-42,48963373
VS	70	1	-14,06596809	-42,52627783
VS	70	1	-14,06670546	-42,52626914
VS	70	1	-14,05536549	-42,47767444
VS	400	2	-14,06047249	-42,49585559
LD	20	1	-14,06511356	-42,49645613
VS	250	1	-13,96193876	-42,44202147
VM	400	1	-14,0318223	-42,50361324
FL	45	1	-13,95577366	-42,45173271
PL	24	1	-14,31615367	-42,50870139
VS	70	1	-14,07758435	-42,48191259
VS	70	1	-14,07227455	-42,48757946

VS	250	2	-14,06488788	-42,49045767
LD	70	1	-14,06330256	-42,49801301
VS	250	1	-13,82960913	-42,40266706
VS	70	1	-14,02673575	-42,71503573
VS	250	2	-14,0648963	-42,48767502
VS	400	2	-14,06007731	-42,49575138
VS	400	1	-14,06899511	-42,48933054
VS	70	1	-13,63322869	-42,57158738
VS	70	1	-14,061852	-42,48221966
LD	40	1	-14,07134688	-42,4857713
VS	70	1	-14,04521682	-42,47481741
VS	70	1	-13,59995393	-42,57890787
VS	70	1	-14,06994287	-42,48703731
VS	400	1	-14,06888406	-42,49197196
VS	250	1	-14,06268888	-42,48009258
VS	250	1	-14,0651618	-42,47917835
VS	250	1	-14,06490167	-42,48607793
VS	400	1	-14,06940156	-42,4909264
LD	50	1	-14,05448398	-42,50190944
VS	70	1	-14,06273515	-42,48324312
VS	70	1	-14,06999933	-42,49487349
VS	70	1	-13,69937945	-42,2919143
ME	70	1	-13,70634983	-42,28082945
PL	30	1	-13,81499945	-42,28419221
VS	70	1	-14,26170472	-42,52367525
LD	50	1	-14,05348429	-42,50223467
VS	400	1	-14,0686049	-42,4910114
VS	70	1	-14,05951638	-42,4818355
VS	70	1	-14,05744802	-42,47701522
VS	70	2	-14,06910505	-42,47754809
VS	70	1	-14,05867051	-42,4901904
VS	250	2	-14,06361127	-42,49711977
LD	40	1	-14,05713554	-42,47825179
VS	70	1	-14,06915281	-42,48423838
VS	70	1	-14,0533508	-42,4872709
ME	70	1	-14,07679594	-42,49201412
VS	400	1	-14,05384941	-42,47242993
VS	70	1	-14,0654973	-42,49450261
VS	250	1	-13,79328196	-42,4136268
VS	250	1	-13,80180985	-42,28528391
VS	70	1	-14,05669762	-42,49334528
LD	50	1	-13,96267064	-42,45183474
VS	70	1	-14,2586016	-42,52420613
VS	70	1	-13,67155408	-42,6217404
VS	400	1	-14,0682216	-42,47964226
ME	70	1	-14,06331828	-42,49003355
VS	70	1	-14,06510079	-42,49827151
VS	70	1	-14,07104818	-42,49042047
LD	30	1	-13,68300791	-42,43586231
VS	70	1	-13,63043209	-42,28380463
VS	150	1	-14,07829668	-42,49552061
VS	250	1	-14,0785858	-42,4966827
ME	150	1	-14,07710305	-42,49478675
ME	150	1	-14,07892837	-42,49519601
VS	70	1	-14,08211719	-42,49568917
VS	70	1	-14,06307706	-42,50033835
VS	70	1	-14,04838224	-42,47556345
LD	40	1	-14,06161852	-42,49541977
LD	70	1	-14,06161852	-42,49541977
ME	250	1	-14,06487991	-42,48683212
VS	250	1	-14,06487991	-42,48683212
VS	70	1	-14,07038759	-42,48620462

LD	40	1	-13,94739991	-42,47542991
LD	30	1	-13,66876902	-42,30438758
VS	70	1	-14,11772224	-42,67343442
VS	70	1	-14,05431361	-42,47349841
LD	40	1	-14,06721326	-42,48246945
VS	70	1	-14,05950535	-42,49008974
VS	250	1	-14,07092138	-42,48150964
VS	70	1	-14,06482738	-42,48144136
VS	250	2	-14,07306266	-42,49132322
VS	70	1	-14,1956462	-42,40269096
VS	70	1	-14,06994895	-42,47977469
VS	70	1	-14,06532147	-42,49960242
VS	70	1	-14,0677361	-42,48898794
LD	40	1	-14,07915258	-42,49339255
VS	70	1	-14,07941424	-42,49366173
VS	70	1	-14,078647	-42,49302096
VS	70	1	-14,0784756	-42,49282607
LD	50	1	-14,05332824	-42,50179523
VS	70	1	-13,63185394	-42,57175051
ME	70	1	-14,03611563	-42,76157347
VS	70	1	-14,07502457	-42,49477219
VS	70	1	-14,05969289	-42,48023121
LD	30	1	-13,80227102	-42,36006721
VS	70	1	-14,06395346	-42,48936376
VS	70	1	-14,25790113	-42,52339431
VS	70	1	-14,06028224	-42,48454394
ME	250	1	-14,07297745	-42,47969846
VS	70	1	-13,68709739	-42,4696497
VS	70	1	-14,04143498	-42,53553632
LD	55	1	-13,8124673	-42,38225671
VS	70	1	-14,05695479	-42,4905276
VS	250	1	-14,06734748	-42,4917186
ME	70	1	-13,66958847	-42,30596807
VS	70	1	-14,05627056	-42,48310919
VS	70	1	-14,05157174	-42,48092785
VS	70	1	-14,05743008	-42,48586891
VS	70	1	-14,06289407	-42,49006331
VS	400	1	-14,06971454	-42,48817611
VS	70	1	-14,06422977	-42,4872569
VS	70	1	-14,05437392	-42,47893571
LD	15	1	-13,93700775	-42,37638521
PL	40	1	-13,92905852	-42,37917951
LD	15	1	-13,9489104	-42,4637436
VS	70	1	-13,63676094	-42,57129463
VS	70	1	-14,05509921	-42,48260558
LD	30	2	-14,06931012	-42,48243253
VS	70	1	-14,05557217	-42,47375893
VS	70	1	-14,05686419	-42,48962974
VS	250	1	-14,25725554	-42,52262517
VS	400	1	-14,06897162	-42,48998943
VS	400	1	-14,06892738	-42,49058667
VS	70	1	-14,25734607	-42,59453541
VS	70	1	-14,06035278	-42,47599961
LD	20	1	-13,92847164	-42,42533448
VS	250	1	-14,06543931	-42,48290608
VS	70	1	-13,8387557	-42,38627508
VS	70	1	-14,07151113	-42,48066946
VS	70	1	-14,0620658	-42,49987212
LD	40	1	-14,07239753	-42,4893674
VS	150	1	-13,96086217	-42,47354206
VS	250	1	-14,06560136	-42,48325838
VS	250	1	-14,06482762	-42,47697267

PL	40	1	-13,97532546	-42,47378453
VS	70	1	-14,06646935	-42,52830946
LD	40	1	-14,15402092	-42,4202294
VS	400	1	-14,06582352	-42,49415134
VS	70	1	-14,07519973	-42,49245347
VS	250	1	-14,06665659	-42,48458511
VS	70	1	-13,72503955	-42,29572065
VS	70	1	-14,04618036	-42,4746073
VS	70	1	-14,06027016	-42,4860629
VS	70	1	-14,06727506	-42,48728176
ME	400	1	-13,92109349	-42,43612383
VS	70	1	-14,33798478	-42,44919834
VS	70	1	-14,33761549	-42,44897365
VS	70	1	-14,05938479	-42,48876371
VM	80	1	-13,60143439	-42,58335019
PL	33	1	-13,91458494	-42,41404065
LD	40	1	-13,9645793	-42,4577531
VS	70	1	-13,9645793	-42,4577531
VS	70	1	-14,07400153	-42,48306294
VS	70	1	-14,0585547	-42,49134115
LD	30	1	-14,2134989	-42,36546134
LD	40	1	-14,07097824	-42,48019448
VS	70	1	-14,06615965	-42,47986027
FL	45	1	-14,02252282	-42,46300887
LD	40	1	-14,02555985	-42,46486773
VS	70	1	-14,05905099	-42,48079023
LD	40	1	-14,04579972	-42,75373807
VS	70	1	-13,72582628	-42,36604694
ME	70	1	-13,83964425	-42,38748606
LD	30	1	-14,10733006	-42,58608614
LD	40	1	-14,0575064	-42,48455664
VS	250	1	-14,06537072	-42,49450234
VS	70	1	-14,05499127	-42,47711397
VS	70	1	-14,05171122	-42,48016627
VS	70	1	-14,07378225	-42,48420178
VS	70	1	-14,05715703	-42,48532067
VS	400	1	-14,06976714	-42,48899132
VS	70	1	-14,06007806	-42,47550741
VS	250	1	-14,25744041	-42,52263737
ME	70	1	-14,07547951	-42,48998528
LD	40	1	-14,07373455	-42,49439059
VS	70	1	-14,06021933	-42,48885995
VS	70	1	-14,06829314	-42,48909008
VS	70	1	-14,06972022	-42,52991209
VS	70	1	-14,06761023	-42,49659766
VS	70	1	-13,63417544	-42,57218819
VS	70	1	-14,03533505	-42,7603521
VM	125	1	-14,10122702	-42,63691907
VS	70	1	-14,06567555	-42,52463014
LD	30	1	-13,98337887	-42,4673229
VS	70	1	-14,0317919	-42,77312491
LD	100	1	-14,05789679	-42,48184944
VS	70	1	-14,05593634	-42,48674676
VS	70	1	-14,053635	-42,48077895
VS	70	1	-14,06087675	-42,48566591
VS	70	1	-14,05298365	-42,48095357
PL	30	1	-14,04503758	-42,53967435
PL	45	2	-13,81725376	-42,31503354
PL	45	1	-13,94265124	-42,43228105
LD	30	1	-13,94751361	-42,46937548
VS	400	1	-14,06755764	-42,49063534
LD	100	1	-14,11582625	-42,65665413

VS	70	1	-14,06289341	-42,48549417
VS	250	1	-14,05503203	-42,48301398
LD	40	1	-14,05718099	-42,48450965
VS	250	1	-14,06759246	-42,49573899
VS	70	1	-14,05657153	-42,48561545
VS	70	1	-14,06192023	-42,48833561
VS	70	1	-13,69010661	-42,27973842
LD	100	1	-14,06063512	-42,52152227
VS	400	1	-14,06836695	-42,492823
VS	70	1	-14,04831517	-42,47730339
VS	70	1	-14,03789004	-42,53453642
LD	50	1	-14,0546363	-42,50227413
VS	70	1	-14,07665237	-42,48225337
LD	30	3	-14,06925801	-42,48588732
VS	150	1	-14,06925801	-42,48588732
VS	70	1	-14,05314042	-42,47346525
VS	70	1	-14,05739536	-42,49031736
VS	70	1	-14,05804097	-42,48851264
VS	70	1	-14,05671101	-42,47253878
ME	70	1	-14,33352221	-42,4887898
VS	250	1	-14,04983042	-42,66210126
VS	70	1	-14,0793151	-42,49350405
VS	70	1	-13,63745312	-42,57077466
VS	400	1	-14,03889021	-42,76632706
VS	70	1	-14,05962481	-42,72508649
FL	45	1	-13,80802528	-42,48665156
VS	70	1	-14,0642398	-42,49039673
VS	70	1	-14,07070299	-42,49565305
LD	40	1	-14,05644523	-42,48166469
VS	70	2	-14,05895866	-42,48130121
VS	70	1	-14,06331757	-42,48589334
VS	70	1	-14,03639356	-42,5344085
VS	70	1	-14,06191951	-42,47762354
VS	70	1	-14,07791699	-42,49185228
VS	70	1	-14,06390096	-42,47897566
VS	250	1	-14,06529289	-42,48378569
VS	70	1	-14,05631526	-42,48994728
ME	250	1	-14,06684913	-42,49223623
VS	70	1	-14,05625383	-42,48243303
LD	30	4	-14,06912453	-42,48481259
VS	150	1	-14,06912453	-42,48481259
LD	15	1	-14,03550169	-42,53448821
ME	70	1	-13,69055581	-42,27959191
VS	70	1	-13,69055581	-42,27959191
VS	70	1	-13,68935948	-42,27972099
VS	70	1	-13,68897781	-42,27971611
LD	40	1	-14,17147677	-42,46378784
VS	70	1	-14,05379669	-42,48204159
VS	250	1	-13,69810188	-42,52559726
LD	50	1	-14,05424929	-42,50250493
LD	30	1	-14,02668835	-42,53331091
VS	250	1	-14,08128676	-42,49504101
VS	70	1	-14,06127308	-42,48188779
PL	24	1	-14,31854295	-42,51505766
PL	24	1	-14,30983746	-42,51393555
VS	70	1	-14,05336786	-42,48575191
VS	250	1	-13,96560228	-42,47256612
VS	250	1	-14,06493251	-42,47857952
VS	70	1	-14,06493251	-42,47857952
LD	30	5	-14,06892563	-42,48480291
LD	70	1	-14,06892563	-42,48480291
VS	150	9	-14,06892563	-42,48480291

LD	40	1	-14,27959479	-42,57065088
VS	70	1	-13,66871422	-42,6184135
VS	70	1	-14,0581272	-42,47918875
VS	250	1	-14,06777632	-42,48980219
VS	70	1	-14,05383654	-42,48518496
LD	40	1	-14,06288231	-42,49100516
LD	30	1	-13,99199866	-42,46510672
VS	70	1	-14,07666054	-42,67337527
ME	150	1	-14,0774746	-42,49741985
ME	150	1	-14,07721522	-42,49744948
ME	150	1	-14,07936673	-42,49787596
ME	150	1	-14,08155212	-42,50006386
VS	70	1	-14,08145954	-42,49672502
VS	70	1	-14,05143197	-42,4795948
VS	70	1	-14,35043537	-42,460022
LD	30	1	-14,1707857	-42,38887252
VS	70	1	-14,07339179	-42,4939823
VS	400	1	-14,06611327	-42,49394819
LD	30	1	-14,08520524	-42,44666738
VS	70	1	-14,07519164	-42,49371753
VS	70	1	-14,0798109	-42,49423688
ME	400	1	-14,03772549	-42,76596295
LD	100	1	-13,93358035	-42,48921973
VS	70	1	-14,05743699	-42,49417581
VS	70	1	-14,05723309	-42,49084125
LD	40	2	-14,13745194	-42,40738489
LD	30	1	-13,68047206	-42,30803686
LD	50	1	-14,05422386	-42,50181681
LD	30	1	-13,96503537	-42,52505272
VS	70	1	-14,2842146	-42,56571507
VS	70	1	-14,0588818	-42,48970413
VS	250	1	-14,0689119	-42,49162004
VS	400	1	-14,0689119	-42,49162004
VS	70	1	-14,07097626	-42,49021654
VS	400	1	-14,07121406	-42,48437238
VS	70	1	-14,06154801	-42,48458365
VS	250	1	-14,07414346	-42,4913484
VS	70	1	-13,68516371	-42,30603576
VS	70	1	-14,06389889	-42,47543748
VS	70	1	-14,06043711	-42,4884714
VS	70	1	-14,3544238	-42,46768016
VS	250	1	-14,06571148	-42,48244353
VS	250	1	-13,94453113	-42,55208987
VS	70	1	-14,07049689	-42,48580657
VS	70	1	-14,06319952	-42,4743694
VS	70	1	-14,07469625	-42,47976502
VS	70	1	-14,06262472	-42,49998142
VS	70	1	-14,07087244	-42,48866105
VS	70	1	-14,07168343	-42,48477166
LD	100	1	-14,06038486	-42,5195838
VS	70	1	-14,07600493	-42,49434321
VS	70	1	-14,08100325	-42,49303063
PL	45	1	-13,93351034	-42,37583443
PL	45	1	-13,93287654	-42,37598745
VS	70	1	-13,63485596	-42,57170222
PL	40	1	-13,92803724	-42,37969847
LD	40	1	-13,99857145	-42,43863269
VS	70	1	-14,06323729	-42,47631955
VS	250	1	-14,06930426	-42,48986101
VS	70	1	-14,05404216	-42,47462168
LD	40	1	-14,07483473	-42,48237924
VS	70	1	-14,05683509	-42,49042815

VS	250	1	-14,08036815	-42,45071862
VS	70	1	-14,06407856	-42,48515396
VS	250	2	-14,06353461	-42,4977738
LD	70	1	-14,05350977	-42,48464088
VS	250	1	-14,11223642	-42,67259385
VS	70	1	-14,11667416	-42,67317195
VS	250	1	-14,10740866	-42,67245931
VS	250	2	-14,11286782	-42,67313302
LD	40	1	-14,04929942	-42,4769081
VS	70	1	-14,04896737	-42,47752452
VS	70	1	-14,0499308	-42,47668508
VS	70	1	-14,04945579	-42,47661686
LD	40	1	-14,04913105	-42,47719523
VS	70	1	-13,74973982	-42,42931308
LD	30	1	-13,74801498	-42,41254981
VS	250	1	-13,75130885	-42,42235607
VS	70	1	-13,74824616	-42,42356215
ME	70	1	-13,73592813	-42,42393168
VS	70	1	-13,74877842	-42,42752029
VS	70	1	-13,75490446	-42,43655822
VS	70	1	-13,75899086	-42,41446439
VS	70	1	-13,73447141	-42,4256475
ME	70	1	-13,75211574	-42,4225302
VS	70	1	-13,74921472	-42,42823757
VS	70	1	-13,74862118	-42,42694494
VS	70	1	-13,74831775	-42,42304734
LD	30	1	-13,75080218	-42,4346721
LD	30	1	-13,73709657	-42,42227896
VS	70	1	-13,74875985	-42,42228798
LD	30	1	-13,74932771	-42,42232414
VS	70	1	-13,75663009	-42,41381146
VS	250	1	-13,75061462	-42,43422924
VS	70	1	-13,77814931	-42,42904886
VS	70	1	-14,05739397	-42,48226221
VS	70	1	-14,05344668	-42,47999131
VS	70	1	-14,06393282	-42,48115236
VS	70	1	-14,02362565	-42,46608746
VS	70	2	-14,06545053	-42,49082537
VS	250	1	-14,06280873	-42,52219786
VS	250	1	-14,06257352	-42,4809063
VS	70	1	-14,06083417	-42,48886125
PL	45	1	-13,90701688	-42,38635156
VS	70	1	-14,06711928	-42,48987897
LD	100	1	-14,07106334	-42,49186545
VS	70	1	-14,06608363	-42,48172185
VS	70	1	-14,05311712	-42,48208509
ME	150	1	-14,08103405	-42,49773135
ME	150	1	-14,08164053	-42,49915443
LD	40	1	-14,05423567	-42,4792557
VS	70	1	-14,07422066	-42,4792129
VS	250	1	-14,15676831	-42,42103382
LD	30	1	-13,87548972	-42,27467406
VS	70	1	-13,75649174	-42,55916469
LD	15	1	-13,882878	-42,44377377
VS	70	1	-14,06374754	-42,48960553
VS	70	1	-14,06618937	-42,48387741
VS	70	1	-14,33899848	-42,45088415
VS	70	1	-14,35069209	-42,4639557
LD	40	1	-14,05860549	-42,49104237
VS	400	1	-14,06898255	-42,48798005
VS	70	1	-14,07316892	-42,47889301
VS	70	1	-13,63543492	-42,57158342

ME	150	1	-14,07875464	-42,49649401
ME	150	1	-14,07794603	-42,49574726
VS	70	1	-14,06605593	-42,49102117
VS	70	1	-14,08322898	-42,49607199
LD	50	1	-14,07912157	-42,49489511
VS	70	1	-14,05711672	-42,48603774
VS	70	1	-14,06372762	-42,47516852
VS	70	1	-14,07642649	-42,48216953
ME	150	1	-14,08042763	-42,49926351
VS	400	2	-14,05841747	-42,49435796
VS	70	1	-14,05880972	-42,48841239
VS	70	1	-14,06687918	-42,48630838
VS	70	1	-14,06786261	-42,49627679
VS	250	2	-14,06489477	-42,48843452
LD	40	1	-14,06231319	-42,50008819
VS	70	1	-14,06719279	-42,48808806
VS	70	1	-14,06908247	-42,48323789
VS	70	1	-14,07155809	-42,47960288
VS	70	1	-14,06048947	-42,48036717
HL	500	1	-14,01574631	-42,43254544
VM	80	1	-13,67483838	-42,40467099
LD	40	1	-14,07287064	-42,49237875
VS	70	1	-14,07347448	-42,48437713
PL	45	1	-13,93767949	-42,37643388
VS	70	1	-14,02436931	-42,7294202
VS	70	1	-13,63714536	-42,57092185
PL	24	1	-14,31089634	-42,51366906
VS	70	1	-14,06470111	-42,49916908
VS	250	1	-14,07397583	-42,49134369
VS	70	1	-14,05115127	-42,48557257
VS	70	1	-14,06529709	-42,52649054
VS	250	1	-14,07078397	-42,48240782
VS	70	1	-14,06560338	-42,48192489
VS	70	1	-14,06538307	-42,48181393
VS	70	1	-14,05715617	-42,47759942
ME	250	1	-14,03266953	-42,50303739
VS	70	1	-14,28470865	-42,56547489
VS	250	1	-13,82704863	-42,40365275
LD	20	1	-13,9287335	-42,47399985
VS	70	1	-14,07083094	-42,49498643
VS	70	1	-14,06075008	-42,49523229
VS	70	1	-14,05662927	-42,48977114
VS	400	1	-14,06889248	-42,49227764
VS	70	1	-14,06629448	-42,48930814
VS	70	1	-14,06296142	-42,47733412
LD	15	1	-14,01809609	-42,53531877
VS	70	1	-14,05751802	-42,4896214
LD	30	1	-13,9922712	-42,46405632
VS	70	1	-14,06687959	-42,48302996
LD	50	1	-14,05436461	-42,50296457
VS	70	1	-14,08154853	-42,49481732
VS	70	1	-14,06623654	-42,48025306
LD	50	1	-14,05398918	-42,50240637
VS	70	1	-14,05766917	-42,49449084
VS	70	1	-14,0739278	-42,47889227
VS	70	1	-14,07449325	-42,49033516
LD	100	1	-13,75669007	-42,55970767
LD	30	1	-13,95246589	-42,52053649
VS	70	1	-14,23972176	-42,5843479
ME	150	1	-14,07739625	-42,49523653
VS	150	1	-14,07728973	-42,49501993
ME	150	1	-14,07981905	-42,49833192

VS	150	1	-14,08028932	-42,49784553
ME	150	1	-14,08004691	-42,49846154
ME	250	1	-14,06402031	-42,49606476
VS	150	1	-14,06402031	-42,49606476
LD	100	1	-14,11532549	-42,65643453
VS	70	2	-14,06281808	-42,49146813
LD	40	1	-14,05552902	-42,47860635
VS	70	1	-14,05277484	-42,47905188
VS	70	1	-14,05942264	-42,4823675
VS	70	1	-14,06093324	-42,48454531
VS	250	1	-13,75061989	-42,42227918
VS	250	1	-14,06798784	-42,49250727
ME	150	1	-14,08111192	-42,50030874
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VS	70	1	-13,6895529	-42,27978956
VS	70	1	-14,05401974	-42,48200047
LD	50	1	-14,10848053	-42,4378512
LD	40	1	-14,07194402	-42,48557805
VS	70	1	-14,06364321	-42,48973461
VS	250	1	-14,06987093	-42,49180975
VS	70	1	-14,06508011	-42,49926947
VS	70	1	-14,05971191	-42,48489471
VS	70	1	-14,06326656	-42,47513052
LD	50	1	-14,10778027	-42,43893414
VS	70	1	-14,055636	-42,47334255
ME	150	1	-14,0771264	-42,49772866
ME	70	1	-14,0831615	-42,49560369
VS	70	1	-14,06673096	-42,4969783
VS	70	1	-14,06317596	-42,47793874
VS	70	1	-14,0684281	-42,48065609
VS	400	1	-14,06153018	-42,4929326
VS	70	1	-14,06271675	-42,49607206
LD	40	1	-13,6339409	-42,28342972
VS	70	1	-14,07813303	-42,48175969
VS	250	1	-14,01288114	-42,67633567
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VS	250	1	-14,06777576	-42,49008007
ME	250	1	-14,06706546	-42,49257013
VS	70	1	-14,05851863	-42,48932871
LD	30	2	-13,99546866	-42,58780878
PL	30	1	-14,22904623	-42,51488466
VM	400	1	-14,22904623	-42,51488466
VS	70	1	-14,07445546	-42,49535582
LD	40	1	-14,07704231	-42,48167989
VS	400	1	-14,06690691	-42,49049503
VS	70	1	-14,05153072	-42,48608712
VS	70	1	-14,06927445	-42,48218237
ME	70	1	-14,0580937	-42,49474979
VS	250	1	-14,06304163	-42,48452732
LD	40	1	-14,06228417	-42,47734355
VS	70	1	-14,05429266	-42,48651342
VS	250	1	-14,06686812	-42,49622834
VS	70	1	-14,05007203	-42,47695971
LD	30	1	-14,01221437	-42,58107133
VS	70	1	-14,06145982	-42,49595775
VS	70	1	-14,06362697	-42,48490293
VS	70	1	-14,06193908	-42,4879559
VS	70	2	-14,06630167	-42,48771263
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VS	70	1	-14,07360806	-42,48086686
LD	70	1	-14,05312534	-42,48846112
ME	70	1	-14,05092882	-42,48513087

VS	70	1	-14,08095111	-42,49633432
VS	70	1	-14,08233215	-42,49734446
VS	250	1	-14,06250564	-42,48226131
VS	70	1	-14,08759445	-42,50013876
VM	125	1	-14,06849574	-42,49311745
LD	40	2	-13,99377916	-42,53011704
LD	50	1	-14,05296413	-42,50205516
VS	70	1	-14,05117485	-42,48508342
VS	70	1	-14,06149276	-42,48607557
LD	40	1	-14,07030133	-42,49309574
VS	70	1	-14,06099062	-42,48750005
VS	250	2	-14,06382935	-42,4965923
VS	70	1	-14,05413594	-42,47829736
VM	125	1	-14,04423661	-42,65978113
VS	70	1	-14,07089055	-42,48775067
ME	70	1	-14,05259305	-42,48661811
VS	70	1	-14,19199655	-42,35251875
ME	70	1	-14,33442265	-42,48834551
LD	30	1	-13,83211311	-42,23681513
PL	45	1	-13,89122283	-42,32225221
VS	70	1	-14,07720411	-42,49115605
ME	150	1	-14,08040983	-42,49758661
VS	70	1	-14,07086051	-42,48897048
VS	70	2	-14,06495543	-42,48070064
VS	70	1	-14,35569176	-42,46924512
VS	70	1	-14,05909941	-42,48823702
LD	40	1	-14,06736419	-42,4962094
VS	70	1	-14,06793714	-42,48174424
VS	70	1	-14,05599158	-42,47834158
LD	30	1	-14,03062528	-42,4663189
VS	70	1	-14,05516902	-42,47277523
LD	40	1	-13,61391536	-42,57578587
VS	70	1	-13,6311453	-42,28479472
LD	50	1	-14,05323221	-42,50288504
VS	70	1	-14,0719557	-42,4887644
VS	70	1	-14,05847406	-42,48232856
VS	70	1	-14,06787765	-42,48437464
ME	70	1	-14,05360175	-42,47925911
LD	30	1	-13,98260098	-42,46015264
VS	70	1	-14,06219634	-42,50124052
VS	70	1	-14,06537247	-42,49916266
VS	250	1	-14,06451136	-42,47664284
VS	250	1	-14,07449579	-42,49354005
LD	40	1	-13,92688565	-42,47509295
VS	70	1	-14,04715647	-42,47532013
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LD	30	1	-13,98502094	-42,47128705
VS	70	1	-14,0804277	-42,49327486
VS	70	1	-14,08037509	-42,49349234
VS	70	1	-14,07963403	-42,4922913
VS	70	1	-14,2288808	-42,58350542
VS	70	1	-14,21475845	-42,56511002
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VS	70	1	-13,63643948	-42,57118828
VS	70	1	-14,05084777	-42,47550703
VS	70	1	-14,06000611	-42,47586747
LD	100	1	-14,07127107	-42,49197705
VS	250	2	-14,06488614	-42,48823073
LD	50	1	-14,05831956	-42,47322589
VS	70	1	-14,06781649	-42,48384952
ME	250	2	-14,07164933	-42,4927096

VS	70	1	-14,07083253	-42,47962574
VS	70	1	-14,01878121	-42,47116642
VS	70	1	-13,6936252	-42,27901586
VS	70	1	-13,92914194	-42,49590752
VS	70	1	-14,05479324	-42,77094191
VS	250	1	-14,10584217	-42,66082468
VS	70	1	-13,77519897	-42,54286841
VS	70	1	-14,06019261	-42,48233299
LD	50	1	-14,05502827	-42,5024455
LD	40	1	-13,84365563	-42,39329653
VS	70	1	-14,07056891	-42,48143481
VS	70	1	-14,06549406	-42,49164981
VS	70	1	-14,0722093	-42,48855189
VS	250	1	-14,0666744	-42,49368078
VS	70	1	-14,05566668	-42,48123785
VS	70	1	-14,05979722	-42,48292206
VS	70	1	-14,06350022	-42,47779019
VS	250	1	-14,06935102	-42,48459077
LD	100	1	-14,0662189	-42,49566602
VS	70	1	-14,07039085	-42,4800358
VS	400	1	-14,069868	-42,48932776
VS	70	1	-14,06926609	-42,48183964
VS	70	1	-13,63573345	-42,57151942
LD	40	1	-14,05472129	-42,47554103
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VS	250	1	-14,0757616	-42,49475136
VS	70	1	-14,07870358	-42,49187248
VS	70	1	-14,05998937	-42,48631239
VS	400	1	-14,06896493	-42,49016984
VS	400	1	-14,06925549	-42,49090488
VS	70	1	-14,06812179	-42,48436589
VS	70	1	-14,05864404	-42,48082643
LD	40	2	-13,95234469	-42,52101725
LD	40	1	-13,8838877	-42,45027639
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VS	70	1	-13,83914069	-42,38657515
LD	40	1	-14,09247459	-42,59146771
VS	70	1	-13,63524496	-42,57161995
VS	70	1	-14,0645067	-42,47900471
VS	70	1	-14,0628601	-42,47951071
VS	70	2	-14,07532535	-42,49020726
VS	400	2	-14,05872821	-42,49454572
VS	70	1	-14,06359973	-42,48041995
LD	30	1	-13,8668549	-42,38860966
LD	50	1	-13,75634162	-42,56152539
ME	150	1	-14,07831728	-42,49592609
LD	200	1	-14,06848038	-42,48590421
LD	40	1	-14,13212105	-42,40320254
VS	250	1	-14,0686622	-42,48990596
ME	150	1	-14,08018478	-42,49903818
ME	150	1	-14,08131536	-42,4996505
VS	250	2	-14,06372032	-42,49685141
VS	70	1	-14,06891757	-42,48431199
VS	70	1	-13,72167094	-42,36394105
VS	250	1	-13,72538417	-42,29456533
VS	70	2	-14,08300865	-42,49632949
VS	70	1	-14,0748369	-42,49497409
VS	400	1	-14,06093462	-42,49319382
VS	70	1	-14,05647333	-42,47879891
VS	70	1	-14,0590203	-42,49158971
VS	250	2	-14,06488956	-42,48652648
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VS	250	1	-14,06638068	-42,49232794
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VS	70	1	-14,05470333	-42,48006801
VS	70	1	-14,06588022	-42,48015359
VS	70	1	-14,05508256	-42,4803374
MT	500	1	-14,00973274	-42,6710901
VS	70	1	-13,6951641	-42,31044658
LD	30	1	-14,01253783	-42,58124244
VS	70	1	-13,72614117	-42,36930152
LD	40	2	-14,05192653	-42,48174909
LD	30	1	-13,78877533	-42,42692894
PL	40	1	-13,95936418	-42,44116392
VS	70	1	-14,06026632	-42,49652647
VS	400	1	-14,06889727	-42,48991572
LD	20	2	-14,0213942	-42,65013311
LD	40	1	-14,0213942	-42,65013311
VS	70	1	-14,05915926	-42,48204602
VS	70	1	-14,08276396	-42,49616306
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VS	70	1	-14,05629128	-42,47180048
VS	70	1	-14,06837766	-42,48069545
VS	400	1	-14,06813157	-42,49297069
VS	250	1	-14,06537531	-42,48325791
VS	70	1	-14,05638646	-42,48393374
VS	250	1	-14,15791881	-42,4145589
VS	70	1	-14,06171342	-42,48325025
LD	40	1	-14,04775887	-42,4752093
LD	30	1	-14,09152601	-42,58893084
VS	70	1	-14,07444399	-42,49233394
VS	70	1	-14,06753614	-42,48784732
VS	70	1	-13,83273778	-42,43669701
VS	70	1	-14,05981578	-42,48747367
VS	70	1	-14,05873567	-42,48926434
VS	70	2	-14,07237999	-42,48459713
VS	70	1	-14,07197199	-42,48025815
LD	40	1	-14,07046119	-42,49451325
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VS	70	1	-14,0552484	-42,47877248
VS	70	1	-14,06113578	-42,48273036
LD	30	1	-13,66645511	-42,30411056
LD	30	1	-13,98562043	-42,46977883
ME	150	1	-14,0772999	-42,49786603
ME	70	1	-14,08166599	-42,49688812
VS	70	1	-14,05477747	-42,48475561
LD	9	1	-14,28963361	-42,5013199
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VS	400	1	-14,06198201	-42,49345966
VS	70	1	-13,67526746	-42,29515992
VS	70	1	-14,06585605	-42,49149312
VS	70	1	-14,05751223	-42,49002243
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VS	70	1	-14,06274649	-42,48809922
VS	70	1	-14,06307087	-42,47767584
VS	70	1	-14,06245528	-42,47814759
LD	8	7	-14,06265128	-42,48449334
VS	250	2	-14,06265128	-42,48449334
VS	70	1	-14,05156407	-42,4855074
VS	70	1	-13,91163806	-42,41357263
VS	70	1	-14,05303172	-42,49081305
VS	70	1	-14,05661467	-42,48285057
MT	160	1	-14,0811788	-42,45180517

VS	70	1	-14,07444218	-42,47994382
VS	70	1	-14,07586965	-42,49377456
VS	70	1	-14,06416712	-42,48778972
VS	70	1	-14,05473513	-42,48680147
VS	70	1	-14,06053142	-42,48200665
VS	250	1	-14,07481172	-42,49380008
LD	40	1	-14,05126711	-42,48024611
LD	40	1	-13,66485989	-42,5414139
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LD	50	1	-14,05500378	-42,5020896
VS	70	1	-14,05620457	-42,47991368
VS	150	1	-14,06196929	-42,49698916
VS	70	1	-14,06664759	-42,48001875
VS	70	1	-14,06811244	-42,48452333
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VS	150	1	-14,0652829	-42,48425805
VS	250	1	-14,07016384	-42,49401243
VS	250	1	-14,07359929	-42,48975898
VS	70	1	-14,06150486	-42,47550127
LD	40	1	-13,98737685	-42,43489922
VS	70	1	-14,06418992	-42,48908371
VS	70	1	-14,07496211	-42,48288618
VS	70	1	-14,06420457	-42,48090284
LD	30	1	-14,29387505	-42,46379456
VS	70	1	-13,75600961	-42,57567862
ME	250	1	-14,06487765	-42,49242653
VS	250	1	-14,06487765	-42,49242653
LD	40	1	-13,94246331	-42,44080228
VS	70	1	-14,05505415	-42,48098567
VS	250	1	-14,06026602	-42,48360844
VS	70	1	-14,05932761	-42,4729073
VS	400	1	-14,06115656	-42,49608862
VS	70	1	-14,03585133	-42,53436631
VS	70	1	-14,08250655	-42,49664446
VS	70	1	-14,08187022	-42,4969873
VS	70	1	-14,06484353	-42,48241393
VS	70	1	-13,69151925	-42,27951989
VS	70	1	-13,68977914	-42,27986797
VS	70	1	-14,04852216	-42,47669607
VS	70	1	-14,06571764	-42,48839922
PL	45	1	-13,94707802	-42,44011184
VS	250	1	-14,06826855	-42,48783034
VS	400	1	-14,0694741	-42,48634163
VS	400	1	-14,07036081	-42,49052089
VS	70	1	-14,07225349	-42,48775328
VS	70	1	-14,2898841	-42,50000957
VS	70	1	-14,05385828	-42,47478867
LD	40	1	-14,27944153	-42,57106731
VS	70	1	-14,05731325	-42,48165724
VS	70	1	-14,06166022	-42,48272219
VS	70	1	-14,05442084	-42,48117885
ME	70	1	-13,73388535	-42,42583107
VS	70	1	-14,06576449	-42,49205793
VS	70	1	-14,07263641	-42,48699177
VS	250	1	-14,06810846	-42,49543444
VS	70	1	-14,08046711	-42,49443114
VS	70	1	-14,05233502	-42,48678956
VS	70	1	-13,63030457	-42,28461806
LD	30	1	-14,06171757	-42,52466135
VS	70	1	-13,68597721	-42,31508516
ME	150	1	-14,07717838	-42,49716448
ME	150	1	-14,07581086	-42,49643839

ME	150	1	-14,08182278	-42,4997823
VS	70	1	-14,05815176	-42,4746066
LD	40	1	-14,05856637	-42,47361151
VS	70	1	-14,06180239	-42,47800397
VS	70	1	-14,06496026	-42,49621294
LD	14	1	-14,05645385	-42,49556549
VS	70	1	-14,06016474	-42,49001222
VS	70	1	-13,7567833	-42,57711508
VS	70	1	-14,06617129	-42,4864059
VS	70	1	-14,07274595	-42,48244897
LD	40	1	-14,05442215	-42,48533299
VS	70	1	-14,06697765	-42,48801527
VS	400	1	-14,06898749	-42,4883538
VS	400	1	-14,06896135	-42,48988437
VS	400	1	-14,06900158	-42,48750771
VS	70	1	-14,28888541	-42,50025204
ME	150	1	-14,07399953	-42,49302955
VS	70	1	-14,05441303	-42,48055829
LD	30	1	-14,01577387	-42,4913539
ME	250	1	-14,06599599	-42,48486159
LD	40	1	-14,06835866	-42,48129191
VS	70	1	-14,06573298	-42,48948951
VS	70	1	-14,13134162	-42,43776983
VS	70	1	-14,06972021	-42,48535107
VS	70	1	-14,06954718	-42,53130032
LD	30	1	-13,98149149	-42,4590754
ME	150	1	-14,07419817	-42,49316891
VS	70	1	-14,05537088	-42,4808474
VS	70	1	-14,06944707	-42,49522428
LD	40	1	-14,04992131	-42,47870522
VS	70	1	-14,0602593	-42,48697057
VS	70	1	-14,05655582	-42,48207171
VS	70	1	-14,06652869	-42,48070391
VS	70	1	-13,62934657	-42,28420089
VS	70	1	-14,05297274	-42,48642728
LD	40	1	-14,06735718	-42,48691144
VS	70	1	-14,13801574	-42,62406458
VS	70	1	-14,0619553	-42,48888215
ME	70	1	-14,06487613	-42,47965383
VS	250	2	-14,06984821	-42,49360421
VS	70	1	-14,0548601	-42,48697289
VS	70	1	-14,06164019	-42,48883832
VS	70	2	-14,05472848	-42,48106835
LD	50	1	-14,10745948	-42,4384744
LD	50	1	-13,75764198	-42,59037586
LD	30	1	-13,76011369	-42,60283698
VS	250	1	-14,05993846	-42,4836448
VS	70	1	-14,28973818	-42,49888175
VS	70	1	-14,05684646	-42,48449969
VS	70	1	-14,0625252	-42,47694031
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VS	70	1	-14,05399528	-42,48601265
VS	250	2	-14,06476542	-42,49426022
VS	70	1	-14,05900768	-42,48919851
VS	70	1	-14,06284656	-42,48177993
LD	30	1	-14,09392364	-42,65958133
LD	40	1	-13,97348434	-42,42633792
ME	70	1	-13,63006314	-42,28422929
ME	150	1	-14,07985587	-42,49735496
VS	250	1	-14,06344784	-42,49745286
VS	250	1	-14,01237263	-42,67750307
VS	70	1	-14,23324144	-42,40007634

LD	30	1	-13,76224384	-42,43895437
VS	70	1	-14,05667228	-42,47496145
VS	70	1	-14,07011326	-42,48322152
VM	80	1	-14,13762591	-42,62324774
VS	70	1	-13,68670309	-42,50512847
VS	70	1	-14,06864194	-42,49542633
VS	70	1	-14,06916727	-42,48151525
LD	40	1	-14,00184423	-42,47695518
ME	70	1	-14,04651112	-42,47856461
VS	70	1	-14,04827542	-42,47562945
VS	70	1	-14,05916441	-42,48738505
VS	70	1	-14,06168132	-42,47648908
VS	70	1	-14,05284134	-42,4797585
VS	70	1	-14,0609139	-42,48967649
VS	70	1	-14,05856778	-42,4797026
VS	70	1	-14,05649284	-42,4740171
VS	250	1	-14,06458209	-42,48960526
VS	70	1	-14,05389787	-42,47898289
ME	70	1	-14,05320719	-42,47906426
VS	70	1	-14,06639992	-42,48371465
VS	70	1	-14,34084313	-42,45283639
VS	70	2	-14,05924609	-42,48171369
LD	40	1	-14,06352417	-42,49105283
VS	70	1	-14,06893104	-42,4955381
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VS	70	1	-14,29884735	-42,58153445
LD	30	1	-13,99239713	-42,46364111
VS	70	1	-14,07010383	-42,48792685
LD	70	1	-14,05363844	-42,48811434
VS	70	1	-14,05429007	-42,48780081
ME	150	1	-14,07647249	-42,49716296
ME	150	1	-14,08152498	-42,5002473
VS	70	1	-14,07374411	-42,48065411
VS	70	1	-14,05828217	-42,47357656
VS	70	1	-14,06315474	-42,4982247
VS	70	1	-14,06988242	-42,48562002
VS	70	1	-14,06232881	-42,47753973
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ME	250	1	-14,04874622	-42,51035971
VS	250	1	-14,06406637	-42,4986468
VS	250	1	-14,06547219	-42,48000704
VS	400	1	-14,06725078	-42,49035682
LD	40	1	-13,97381973	-42,46517861
VS	70	1	-14,07650474	-42,48128704
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VS	250	1	-14,06976071	-42,49216834
VS	70	1	-14,05794405	-42,49461943
ME	70	1	-13,8332932	-42,43574515
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VS	70	1	-14,07279545	-42,48833713
VS	70	1	-14,06002341	-42,48348363
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VS	70	1	-14,04846716	-42,47569301
LD	50	1	-13,7502978	-42,47236936
VS	70	1	-14,05934964	-42,48065192

VS	70	1	-14,04901731	-42,47856609
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VS	70	2	-14,0675661	-42,48191019
ME	70	1	-14,05525199	-42,47690566
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VS	70	1	-14,06618858	-42,4924849
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VS	70	1	-14,02863183	-42,5114606
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VS	70	1	-14,04758022	-42,47672497
VS	70	1	-13,63216156	-42,57166804
VS	70	1	-14,06045981	-42,47504444
LD	50	1	-14,05473407	-42,5019988
VS	70	1	-14,02734728	-42,71523256
VS	70	1	-14,05616799	-42,47363641
VS	70	1	-14,06653031	-42,48718442
VS	70	2	-14,05070225	-42,48516633
PL	30	1	-14,31617113	-42,50806515
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LD	50	1	-13,75501991	-42,58214033
VS	70	1	-14,29159089	-42,59018391
VS	70	1	-14,05543542	-42,48453989
ME	400	1	-13,94763445	-42,44026656
PL	24	1	-14,31335741	-42,51522184
VS	70	1	-14,06754294	-42,48846597
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VS	250	1	-13,83193028	-42,38173817
PL	40	1	-13,88832725	-42,38624674
VS	70	2	-14,07551034	-42,48182999
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VS	70	1	-14,03140084	-42,46553921
VS	250	1	-13,99484248	-42,67010548
VS	70	1	-14,06760371	-42,48571711
PL	30	1	-13,96167349	-42,47284749
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VS	70	1	-14,06539709	-42,49487288
VS	70	1	-14,07538963	-42,48201221
VS	70	1	-14,19305815	-42,34998106
LD	40	1	-14,06165806	-42,48380586
LD	30	1	-14,0277321	-42,50364768
LD	50	2	-14,0277321	-42,50364768
VS	70	1	-14,06077836	-42,48059006
LD	40	1	-14,06867348	-42,48429295
VS	70	1	-14,07414953	-42,4813867
FL	45	1	-13,97572757	-42,47414857
VS	70	1	-14,05954496	-42,48105449
VS	70	1	-14,06427703	-42,4987421
VS	150	2	-14,07396874	-42,49038036
VS	70	1	-14,06667767	-42,48353925
VS	150	1	-14,04739834	-42,48578187
VS	250	1	-14,04778982	-42,48647212
VS	400	1	-14,06970762	-42,48712018
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VS	400	1	-14,06629443	-42,4900445
ME	250	1	-14,06760591	-42,48461489
VS	70	1	-14,08091195	-42,49550011

LD	30	1	-13,95061738	-42,52528695
LD	14	1	-13,91734021	-42,38168081
VS	70	1	-14,0711634	-42,48220947
VS	70	1	-14,05967118	-42,48717309
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VS	70	1	-13,83461009	-42,58625807
LD	40	1	-14,06047928	-42,48633843
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LD	70	1	-14,065894	-42,49364067
LD	40	1	-13,96658238	-42,52570243
VS	70	1	-14,0662162	-42,48777043
VS	70	1	-14,07098587	-42,48090771
VS	70	1	-13,67061933	-42,6195003
LD	40	1	-14,0822993	-42,49651859
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VS	70	1	-14,05768036	-42,47504651
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VS	400	1	-14,06910335	-42,49084241
VS	70	1	-14,06642171	-42,49344868
VS	70	1	-14,05262069	-42,48160115
VS	400	1	-14,06893372	-42,48860989
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VS	70	1	-14,06106726	-42,48081295
VS	250	1	-14,06224741	-42,48184749
LD	40	1	-14,03534111	-42,43455984
VS	70	1	-14,0802549	-42,49429749
VS	70	1	-14,2084459	-42,41455145
VS	70	1	-14,08087616	-42,49385364
LD	40	1	-14,06409474	-42,47750096
VS	70	1	-14,05947071	-42,48794142
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VS	70	1	-14,07993207	-42,49245867
VS	70	1	-14,07812216	-42,49322362
ME	250	1	-13,75669175	-42,58732303
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LD	40	1	-13,92847748	-42,49200269
LD	40	1	-14,05305665	-42,48515859
LD	30	1	-13,99543718	-42,41976748
VS	70	1	-14,19304046	-42,41039542
LD	40	1	-13,90570469	-42,36727311
VS	70	1	-14,07332504	-42,67612138
ME	150	1	-14,0760029	-42,49666065
ME	150	1	-14,07603854	-42,49625807
ME	150	1	-14,08143689	-42,50017041
ME	150	1	-14,0821912	-42,50005978
VS	70	1	-14,0821252	-42,49521881
VS	70	1	-14,05846926	-42,47249884
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VS	250	1	-14,07433122	-42,48998284
VS	70	1	-14,06157065	-42,4969407
VS	400	1	-14,07022567	-42,49027978
VS	70	1	-14,06545265	-42,52460194
VS	70	1	-13,63183828	-42,57069653

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VS	70	1	-14,06663633	-42,52595962
VS	70	1	-14,05368458	-42,48765134
LD	40	1	-14,05815558	-42,48266207
VS	70	1	-14,05689556	-42,48282282
LD	30	1	-14,05009343	-42,54031771
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VS	70	1	-13,6312813	-42,28399405
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VS	70	1	-14,05717529	-42,47227122
PL	30	1	-14,11738629	-42,6572086
VS	70	1	-14,06379412	-42,49613837
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VS	250	1	-14,06624049	-42,48467686
LD	14	1	-13,92100525	-42,41905058
VS	70	1	-14,08235572	-42,49585817
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VS	70	1	-14,06844377	-42,4815971
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ME	70	1	-14,08903889	-42,67178595
LD	40	1	-14,09244225	-42,41981616
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VS	70	1	-14,05875932	-42,48649504
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LD	15	1	-14,02556294	-42,54836107
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ME	250	1	-14,07299204	-42,4836389
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LD	40	1	-13,93721639	-42,46952913
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ME	70	1	-13,69496448	-42,29032835
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VS	250	1	-14,05899131	-42,48352241
LD	40	1	-14,05614351	-42,47887742
VS	70	1	-14,06832855	-42,47809306
VS	250	2	-14,06479377	-42,49365823
ME	70	1	-13,68958498	-42,31491395
VS	70	1	-14,05224277	-42,48522171

VS	70	1	-14,06608883	-42,48815918
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LD	40	1	-14,07102119	-42,48586324
VS	70	1	-13,71250132	-42,43907348
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LD	40	1	-13,63063033	-42,28441505
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FL	45	1	-14,10798567	-42,43929741
LD	50	1	-14,10646585	-42,43734499
ME	150	1	-14,07764425	-42,49815707
ME	150	1	-14,07731181	-42,4972661
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ME	150	1	-14,07625632	-42,49693519
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VS	70	1	-14,08256994	-42,49602648
VS	70	1	-14,08115539	-42,49649779
LD	40	1	-14,08214618	-42,49759944
VS	70	1	-14,06793606	-42,48355986
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VS	70	1	-14,05794417	-42,47695354
VS	70	1	-14,06004185	-42,48979338
VS	250	1	-14,07325077	-42,49219431
VS	250	1	-14,06365111	-42,48476636
LD	40	1	-14,05357162	-42,47642474
VS	70	1	-14,06234512	-42,49550358
VS	70	1	-14,06653759	-42,48980883
LD	40	1	-14,05263724	-42,48599831
VS	250	2	-14,06444726	-42,49509314
VS	70	1	-14,06661189	-42,49771903
VS	70	1	-14,05583351	-42,48008889
VS	250	1	-13,75692723	-42,57762539
VS	400	3	-14,0658121	-42,49042805
VS	70	1	-14,065963	-42,48769719
VS	150	1	-13,83271914	-42,43822615
VS	250	1	-13,83507266	-42,43262798
VS	70	1	-14,06354728	-42,47491807
LD	30	1	-14,03631924	-42,54341966
VS	70	1	-14,06636165	-42,48738172
VS	70	1	-14,07244417	-42,47960473
ME	70	1	-14,05301692	-42,48693677
LD	40	1	-14,06455795	-42,49843706
VS	70	1	-14,06455795	-42,49843706
LD	40	1	-14,07963265	-42,49296749
VS	70	1	-14,05652243	-42,47773917
ME	70	1	-14,05722114	-42,48811394
VS	70	1	-14,07558627	-42,49084694
VS	70	1	-14,07291043	-42,48411992
LD	40	1	-14,05469824	-42,4871626
VS	70	1	-14,0616325	-42,47482808
VS	250	1	-14,06572115	-42,48212863
LD	40	1	-14,03687544	-42,54207004
VS	70	2	-14,06327799	-42,48307754

VS	70	1	-14,07901976	-42,4920121
VS	70	1	-14,05339807	-42,48624294
VS	70	1	-14,07741119	-42,49123986
ME	150	1	-14,0769257	-42,49617699
LD	40	1	-14,19571837	-42,35536033
VS	70	2	-14,19305388	-42,35881607
ME	150	1	-14,08064599	-42,49680154
LD	40	1	-13,96317062	-42,45536041
VS	70	1	-14,06876012	-42,4806503
VS	150	1	-14,03386673	-42,53425948
VS	70	1	-14,06359959	-42,47617941
VS	70	1	-14,07205231	-42,49053153
VS	70	1	-14,06684967	-42,48388556
VM	80	1	-13,60175472	-42,5760576
ME	400	1	-14,10383644	-42,62051512
VS	70	1	-14,06231126	-42,48047266
LD	30	1	-13,66753926	-42,30478048
VS	70	1	-14,08616883	-42,49887782
VS	70	1	-14,07030939	-42,48462057
VS	400	1	-14,06900554	-42,48801196
VS	70	1	-14,05169162	-42,48079529
VS	250	1	-14,07331135	-42,48002335
PL	40	2	-14,06260528	-42,48489152
VS	250	1	-14,06260528	-42,48489152
VS	70	3	-14,06260528	-42,48489152
VS	70	1	-14,07369444	-42,48289557
VS	70	1	-13,68549952	-42,50997991
VS	70	1	-14,06021533	-42,48634991
VS	250	1	-14,06640489	-42,49725547
VS	400	1	-14,06787814	-42,49309982
ME	250	1	-14,07981951	-42,45007766
VS	250	1	-14,06963395	-42,4916314
LD	30	1	-13,84042904	-42,38465115
VS	70	1	-14,05436429	-42,48686552
ME	70	1	-14,06294871	-42,48424472
LD	40	1	-14,10855051	-42,58481091
VS	70	1	-14,07682028	-42,49320425
LD	40	1	-14,055064	-42,47847109
VS	250	1	-14,06468149	-42,47656779
VS	70	1	-14,08068691	-42,49283784
VS	250	1	-14,06339889	-42,48933739
LD	40	1	-13,94925631	-42,51752134
PL	30	1	-13,94925631	-42,51752134
VS	70	1	-14,07095646	-42,4955054
VM	80	1	-13,6823809	-42,49854077
VS	70	1	-14,15157774	-42,45353115
ME	150	1	-14,08231163	-42,49927584
VS	70	1	-14,07620966	-42,48208571
LD	20	1	-13,91356465	-42,41318726
VS	70	1	-14,07047319	-42,48409295
VS	250	1	-14,06726565	-42,49194072
VS	70	1	-14,07113665	-42,49138396
VS	150	1	-14,0327632	-42,77259197
LD	30	1	-13,61431539	-42,57554269
VS	70	1	-14,06314718	-42,48065056
LD	30	1	-14,13717224	-42,61157588
LD	50	1	-14,053718	-42,50306643
ME	150	1	-14,08081743	-42,49982523
VS	70	1	-14,06134571	-42,49670875
VS	400	1	-14,06632138	-42,49387454
VS	250	1	-14,07117431	-42,48163058
ME	250	1	-14,06237792	-42,48105659

VS	70	1	-14,06150215	-42,48118416
VS	70	1	-14,05787355	-42,48633572
VS	70	1	-14,05647606	-42,47979384
VS	70	1	-14,06282955	-42,48950744
VS	70	1	-14,0508284	-42,47607214
VS	400	2	-14,06194339	-42,49621118
VS	70	1	-14,05930658	-42,48862647
VS	70	1	-14,07318217	-42,48932071
VS	70	1	-14,33907439	-42,44837016
LD	40	1	-14,05945382	-42,48282872
VS	70	1	-14,07144938	-42,48862133
VS	70	1	-14,0568288	-42,48825806
LD	40	2	-14,06463086	-42,48927683
VM	125	1	-14,06826551	-42,49362194
VS	70	1	-14,06826551	-42,49362194
PL	30	1	-14,03995507	-42,74857595
VS	70	1	-13,72901134	-42,35996471
LD	14	1	-13,9597199	-42,47372991
VS	70	1	-14,30624805	-42,43757969
VS	70	1	-14,05968406	-42,48525587
VS	70	1	-14,19251945	-42,3473575
ME	70	1	-14,33406973	-42,48739332
VS	70	1	-14,06664677	-42,48947561
VS	70	1	-14,07978596	-42,49316234
VS	70	1	-14,07889984	-42,49317897
ME	250	1	-14,03445468	-42,75380566
VS	70	1	-14,09370826	-42,65991567
VS	70	1	-14,06424597	-42,48282022
VS	250	1	-14,06465306	-42,48551741
VS	250	1	-14,07413262	-42,48982495
VS	70	1	-14,05771679	-42,49508343
VS	70	1	-14,06928469	-42,48158033
LD	70	1	-14,06964106	-42,49320548
VS	250	1	-14,06964106	-42,49320548
VS	70	1	-14,03680752	-42,5345179
VS	70	1	-14,05658285	-42,48501854
LD	40	1	-13,80296812	-42,32332365
VS	70	1	-14,05896605	-42,48710677
VS	70	1	-14,0612135	-42,48456442
VS	70	1	-14,05725077	-42,48934103
VS	70	1	-14,06407651	-42,48164356
VS	70	1	-14,07146513	-42,48541958
VS	70	1	-14,05724385	-42,49039456
VS	70	1	-14,05783551	-42,47403764
LD	100	1	-14,05983361	-42,52150222
VS	70	1	-14,04840906	-42,47700953
VS	70	1	-14,05982529	-42,48696965
VS	70	1	-14,03339927	-42,53421923
LD	40	1	-14,06680937	-42,48050999
VS	70	1	-14,07345034	-42,49187054
VS	70	1	-14,07074185	-42,48988259
VS	70	1	-13,70214463	-42,51266253
LD	40	1	-14,06703161	-42,4869478
VS	70	1	-14,06281161	-42,49019919
VS	250	2	-14,06486591	-42,48929586
VS	400	2	-14,03575582	-42,54772232
VS	250	1	-14,04363056	-42,5379854
VS	70	1	-14,04363056	-42,5379854
VS	70	1	-14,05872263	-42,4867543
VS	250	2	-14,06483107	-42,49310258
VS	70	2	-14,06198515	-42,48752994
VS	70	1	-14,05247472	-42,48692109

LD	50	1	-13,76283555	-42,60581869
ME	150	1	-14,07680478	-42,49680762
ME	150	1	-14,07957209	-42,49812566
LD	40	1	-14,15856616	-42,38839173
VS	400	1	-14,05923467	-42,49457403
VS	70	1	-14,06117274	-42,48233216
VS	70	1	-14,06082963	-42,48209063
VS	70	1	-14,08183737	-42,49616264
VS	250	1	-14,07214074	-42,48215131
VS	70	1	-14,06505275	-42,4913296
VS	70	1	-14,07242531	-42,48904327
VS	250	1	-14,04479459	-42,66033645
VS	70	1	-14,06060305	-42,49660944
VS	70	1	-14,04688036	-42,4776583
VM	125	1	-13,99593647	-42,59249523
LD	30	1	-13,86060193	-42,44630755
LD	40	1	-14,07692373	-42,48219836
VS	70	1	-14,06125135	-42,48372165
VS	400	1	-14,07007492	-42,49127481
LD	40	1	-14,05678548	-42,47846419
VS	250	1	-14,03136616	-42,77337353
VS	70	2	-14,06249784	-42,48791855
LD	40	1	-14,07194495	-42,48669289
VS	70	1	-14,05931172	-42,48476133
VS	70	1	-14,04855584	-42,47901516
VS	400	1	-14,03046777	-42,50555861
VS	70	1	-14,06732644	-42,48420676
LD	40	1	-14,05727555	-42,47570087
VS	70	1	-14,07532426	-42,49074449
VS	400	2	-14,06320266	-42,49717095
VS	70	1	-14,05994108	-42,49498197
VS	70	1	-14,28889525	-42,49987193
VS	70	1	-13,83287408	-42,43718472
VS	70	1	-14,07169766	-42,49117211
VS	70	1	-14,05366556	-42,47849264
VS	70	2	-14,06648549	-42,48041919
ME	70	1	-14,34596632	-42,51155202
VS	70	1	-14,06397035	-42,48500554
ME	70	1	-13,67609434	-42,29472799
VS	70	1	-13,67609434	-42,29472799
LD	40	1	-14,21665795	-42,40930556
VS	70	1	-14,0605483	-42,48252434
VS	70	2	-14,05302657	-42,47272889
VS	250	1	-14,06935534	-42,49142648
VS	250	1	-14,06630186	-42,48455102
VS	70	1	-14,06707705	-42,49747578
VS	250	1	-14,06519245	-42,47972859
VS	70	1	-14,05113388	-42,4765529
LD	30	1	-13,98484921	-42,47171641
LD	50	1	-14,05421846	-42,50328573
VM	125	1	-14,06318025	-42,49121882
VS	70	1	-14,06318025	-42,49121882
VS	70	1	-14,07212305	-42,49095998
VS	70	1	-14,05574591	-42,47225413
VS	70	1	-14,05378152	-42,47984381
VS	250	1	-14,06829918	-42,48155975
VS	70	1	-14,06829918	-42,48155975
VS	70	1	-14,05464304	-42,48587694
VS	400	1	-14,06906537	-42,48604864
ME	70	1	-13,62682899	-42,28392785
VS	250	1	-14,13789961	-42,61921892
ME	250	1	-14,13784161	-42,61975873

LD	40	1	-14,08273909	-42,49528312
VS	70	1	-14,06348956	-42,490284
VS	70	1	-14,055095	-42,48462568
VS	70	1	-14,07190482	-42,48713787
VS	70	1	-14,07467335	-42,48228165
VS	70	1	-14,06320298	-42,47987265
VS	70	1	-13,63677422	-42,57110587
VS	250	1	-14,07816714	-42,66628144
VS	70	1	-14,05130181	-42,47432524
LD	40	1	-14,05883257	-42,48082349
VS	150	1	-14,04849938	-42,48766226
VS	250	1	-14,04865034	-42,48795172
VS	70	2	-14,05613973	-42,47749146
VS	250	1	-14,05286574	-42,48869295
VS	70	1	-14,0696409	-42,47968347
VS	400	2	-14,05975551	-42,49570984
VS	70	1	-14,06740243	-42,5289834
LD	100	1	-14,06035934	-42,52144024
LD	100	1	-14,06037864	-42,51995446
VS	70	1	-14,0694456	-42,48018509
LD	20	1	-13,8834021	-42,44926517
VS	70	1	-14,06877336	-42,48231664
VS	70	1	-14,0592071	-42,47889433
VS	70	1	-14,05939609	-42,47915647
LD	100	1	-14,07099961	-42,49207836
LD	30	1	-13,95112126	-42,52399746
VS	70	1	-14,06866533	-42,48384833
VS	70	1	-13,75776315	-42,55426526
LD	75	1	-14,05894819	-42,48789586
VS	70	1	-14,06733123	-42,48632786
VS	70	1	-14,07396518	-42,48078916
VS	400	1	-14,06064765	-42,49331936
VS	70	1	-14,05863795	-42,4725618
ME	250	1	-14,11563311	-42,67684676
VS	250	1	-13,66302075	-42,53659708
VS	70	1	-14,07400636	-42,49411329
VS	70	1	-14,05719135	-42,47929518
VS	250	2	-14,06488505	-42,48876794
VS	70	1	-14,07386426	-42,48838867
VS	400	1	-14,05343073	-42,4725932
VS	70	1	-14,07759008	-42,49254629
VS	70	2	-14,07629174	-42,49073729
LD	15	1	-14,02350989	-42,45733406
VS	70	1	-14,06898154	-42,47080208
VS	250	1	-14,06533604	-42,47999916
VS	70	1	-14,06643365	-42,48570159
VS	70	1	-14,25781375	-42,52398943
LD	30	1	-13,66921314	-42,30411647
VS	70	1	-14,06286228	-42,48196826
VS	70	1	-14,07013509	-42,48587064
VS	70	1	-14,05251428	-42,48509262
VS	70	1	-14,05780473	-42,48908639
VS	70	1	-14,28935749	-42,49933521
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VS	70	1	-14,06298294	-42,48140046
VS	70	1	-14,10193273	-42,64103767
VS	70	1	-14,06601585	-42,48848321
VS	70	1	-14,02595121	-42,71501044
PL	40	1	-13,96049026	-42,47359824
VS	70	1	-14,06690303	-42,49683973
VS	70	1	-13,75287373	-42,55452594
VS	70	1	-14,05412788	-42,47949443

LD	30	1	-14,10677833	-42,58560708
VS	70	1	-14,05426182	-42,485115
VS	70	1	-14,05183572	-42,48494217
VS	250	1	-14,06489733	-42,47807929
VS	70	1	-14,06219	-42,48456647
VS	70	1	-14,06225632	-42,48756756
VS	70	1	-14,06672521	-42,49114578
VS	250	1	-14,07021202	-42,49254906
VS	250	1	-14,07095936	-42,48963296
VS	70	1	-14,06107054	-42,49531032
VS	70	1	-13,68216615	-42,49917033
LD	40	1	-14,07061465	-42,49463399
VS	70	1	-14,0630109	-42,48098372
VS	250	1	-14,09086282	-42,66314127
VS	70	1	-14,0466477	-42,47826306
VS	70	1	-14,06674733	-42,48338258
VS	70	1	-14,06798563	-42,4826402
VS	70	1	-14,06394034	-42,47753306
VS	70	1	-14,05582379	-42,48248567
LD	40	1	-14,06076435	-42,4830908
ME	70	1	-14,07059671	-42,48926475
VS	70	1	-14,05304513	-42,48181709
VS	70	1	-14,06654601	-42,48109297
VS	70	1	-14,2572244	-42,52313884
VS	70	1	-14,0858931	-42,49859238
LD	30	1	-13,92738575	-42,47486346
VS	250	1	-14,06597202	-42,49670018
VS	400	1	-14,06982419	-42,49118322
VS	70	1	-14,06484102	-42,49708538
VS	70	1	-14,05968345	-42,48556152
VS	70	1	-14,0602283	-42,48212114
VS	250	1	-14,06261517	-42,48064862
VS	70	1	-14,06343865	-42,47957675
VS	70	1	-14,05816261	-42,4723817
VS	70	1	-14,06196301	-42,48953978
VS	70	1	-14,05131913	-42,47679121
VS	70	1	-14,04819482	-42,47509258
VS	70	1	-14,06551594	-42,48977887
VS	70	1	-14,06651811	-42,48148193
VS	70	1	-14,05703034	-42,47597739
VS	70	1	-13,63393555	-42,57089569
VS	70	1	-14,07784869	-42,48184247
LD	50	1	-14,05306525	-42,50173288
ME	150	1	-14,07787843	-42,497054
VS	250	1	-14,06420339	-42,49602875
VS	70	1	-14,06410775	-42,47956888
VS	70	1	-14,06021167	-42,48817454
VS	70	1	-14,07211658	-42,48519865
VS	70	1	-14,05695386	-42,4740726
VS	250	1	-14,10459124	-42,62860263
LD	30	1	-13,99632735	-42,58792206
VS	250	1	-14,060515	-42,48117302
LD	100	1	-14,05909696	-42,52033872
LD	100	1	-14,0590886	-42,52123944
ME	150	1	-14,06210291	-42,4828991
LD	40	1	-14,02174172	-42,54375603
VS	70	1	-14,05532939	-42,47896715
VS	70	1	-14,0539761	-42,47915578
VS	70	1	-14,19522577	-42,3597367
VS	70	1	-14,06629322	-42,49619682
VS	70	1	-14,07557061	-42,49409812
VS	70	1	-14,07342051	-42,48797944

VS	70	1	-14,05974053	-42,48414454
VS	70	1	-14,05288549	-42,48029578
VS	70	1	-14,068612	-42,48366084
VS	70	1	-14,07231308	-42,49119732
LD	40	1	-13,61046885	-42,5782079
VS	70	1	-14,07203373	-42,47839038
VS	250	1	-14,06472694	-42,47736574
VS	70	1	-13,71808404	-42,65637704
VS	70	1	-14,06618714	-42,49695758
VS	70	1	-14,02258998	-42,5451759
VS	70	1	-14,06203983	-42,47491941
ME	150	1	-14,08032421	-42,49564437
PL	30	1	-13,96211254	-42,47234492
VS	70	1	-14,05369468	-42,48712344
VS	250	2	-14,07219302	-42,49212722
LD	30	1	-13,86277776	-42,44443111
LD	40	1	-14,06400874	-42,48389415
VS	70	1	-14,06926155	-42,4841182
VS	150	1	-14,02741138	-42,50317422
VS	250	1	-14,06783687	-42,49560058
LD	50	1	-14,05289185	-42,50137379
VS	250	1	-14,0656026	-42,48213663
VS	70	1	-13,75012949	-42,55131549
VS	70	1	-14,05431453	-42,48389773
LD	30	1	-13,85785441	-42,44561948
VS	70	1	-14,05464118	-42,48562834
VS	400	1	-14,06904311	-42,48772139
VS	400	1	-14,0690476	-42,48867858
VS	70	1	-14,05667289	-42,49015625
LD	30	1	-14,05052021	-42,54019006
VS	70	1	-14,07759407	-42,48156989
VS	70	1	-14,0582839	-42,48910593
LD	40	1	-13,92528471	-42,4756401
PL	45	1	-14,01595631	-42,49100387
VS	400	1	-14,01595631	-42,49100387
VS	70	1	-14,06661633	-42,48410135
VS	70	1	-14,05368694	-42,48575332
VS	70	1	-14,04907664	-42,47593813
VS	250	1	-14,07533979	-42,49435901
VS	400	1	-14,06122537	-42,49307228
VS	250	1	-14,06661508	-42,4917263
PL	30	1	-13,91503652	-42,41434691
VS	70	1	-14,05668526	-42,47815852
VS	250	1	-14,0652697	-42,48484358
VS	400	1	-14,07052245	-42,49106772
VS	70	1	-13,68150068	-42,49978803
LD	50	1	-14,0531577	-42,50145078
LD	30	1	-13,984699	-42,47205675
LD	30	1	-13,91845634	-42,41703133
LD	30	1	-13,91796658	-42,41774349
LD	40	1	-14,26602068	-42,52580934
VS	70	1	-14,07530257	-42,49252288
LD	30	1	-14,15393167	-42,40374756
LD	50	1	-14,07326319	-42,48151453
ME	250	1	-14,06802252	-42,48877459
VS	70	1	-13,97759986	-42,59618913
LD	70	1	-13,75730228	-42,55414652
VS	70	1	-14,064102	-42,48246795
VS	70	1	-14,08648303	-42,49913722
LD	40	1	-14,05879902	-42,48018767
VS	70	1	-14,05879902	-42,48018767
VS	70	1	-14,06729336	-42,49165364

VS	70	1	-14,06090527	-42,48497131
VS	70	1	-14,06604826	-42,48670769
VS	70	1	-14,06578294	-42,48739902
LD	40	1	-14,09307615	-42,41940787
LD	50	1	-14,05337254	-42,50257554
VS	250	1	-14,06541824	-42,48053682
VS	70	1	-13,84226292	-42,39248368
VS	70	1	-14,06351507	-42,48556365
VM	80	1	-13,67989136	-42,50622108
VS	250	1	-14,11621186	-42,67681141
VS	70	1	-14,07140539	-42,48689303
VS	70	1	-14,06364869	-42,49650855
LD	40	1	-13,99804806	-42,53649494
VS	70	1	-14,06028886	-42,48575729
VS	250	1	-14,07354578	-42,48035729
VS	70	1	-14,07619174	-42,49100569
VS	70	1	-14,04928951	-42,47882154
VS	70	1	-14,05146559	-42,47403114
VS	70	1	-14,06593385	-42,48878869
LD	50	1	-14,05274031	-42,5019841
VS	70	1	-14,07925458	-42,49214228
VS	70	1	-14,07267583	-42,49034983
VS	70	1	-14,07056058	-42,47970409
ME	70	1	-14,05401365	-42,48133546
VS	70	1	-14,06188275	-42,50029028
VS	250	1	-14,07508229	-42,49413412
VS	70	1	-14,07167939	-42,4874124
VS	400	1	-14,06897814	-42,48962774
VS	250	1	-14,0738643	-42,49283474
LD	40	1	-14,0577944	-42,48864957
LD	40	1	-14,07208705	-42,48558363
VS	70	1	-14,07240789	-42,48992327
VS	250	1	-14,03154837	-42,50701549
VS	400	1	-14,0306327	-42,50581447
VS	150	1	-14,02820919	-42,50816605
VS	70	1	-14,05783699	-42,48218525
VS	70	1	-14,06384356	-42,49848182
VS	70	1	-14,05726317	-42,47500267
VM	125	1	-14,0648741	-42,49416783
VS	70	1	-14,06143793	-42,4853707
VS	250	1	-14,13768535	-42,6202941
VS	70	1	-14,06989068	-42,48147971
VS	250	1	-14,06601521	-42,49326257
VS	70	1	-14,06313889	-42,48027079
LD	40	1	-14,04667691	-42,47508464
VS	250	1	-14,08016783	-42,66510836
VS	70	1	-13,80623441	-42,32025964
ME	70	1	-14,05327731	-42,48784498
ME	150	1	-14,07772788	-42,49697031
VS	70	1	-14,29120571	-42,5904489
VS	250	1	-14,06997636	-42,4928357
VS	70	1	-14,05567465	-42,47281202
VS	70	1	-14,06487675	-42,47933892
VS	70	1	-14,05722146	-42,47367738
VS	70	1	-14,05823914	-42,47982529
VS	70	1	-14,05244081	-42,48565743
VS	70	1	-14,08112924	-42,49566768
VS	70	1	-14,06799092	-42,52973991
LD	40	1	-14,06006763	-42,4829381
VS	70	1	-14,06006763	-42,4829381
VS	70	1	-14,07498209	-42,49004906
VS	70	1	-14,06967902	-42,47800453

VS	70	1	-14,06625086	-42,47946218
VS	70	1	-14,05537488	-42,48338517
FL	20	2	-14,02839324	-42,54568938
LD	30	1	-14,02839324	-42,54568938
LD	50	2	-14,02839324	-42,54568938
VS	70	1	-14,0628412	-42,50136872
VS	250	1	-14,0667225	-42,49629342
VS	70	1	-14,07344149	-42,48278388
VS	70	1	-14,13801851	-42,6182301
PL	45	1	-13,88610165	-42,38704829
VS	250	2	-14,06939799	-42,49268626
ME	70	1	-13,68126449	-42,31347194
MT	160	1	-14,06889173	-42,53011637
VS	70	1	-14,06274612	-42,48232044
LD	40	1	-14,0524832	-42,48917987
VS	70	1	-14,31439031	-42,58381199
VS	70	1	-14,05543546	-42,4801992
LD	40	1	-14,01998551	-42,53496522
VM	400	1	-13,83427223	-42,43794765
VS	70	1	-14,06706942	-42,48756828
VS	70	2	-14,06587451	-42,49059592
VS	70	1	-14,05349152	-42,47889684
VS	70	1	-14,06382761	-42,4852656
VM	125	1	-13,63322397	-42,5852702
VS	70	1	-14,05762582	-42,48835218
VS	70	1	-14,05236759	-42,48610175
VS	70	1	-14,06858307	-42,47841778
VM	250	1	-13,96959318	-42,45989016
VS	250	1	-14,02952134	-42,5447792
VS	70	1	-14,06342956	-42,5009682
VS	400	1	-14,06192415	-42,49319306
VS	70	1	-14,06373444	-42,48991403
LD	30	1	-13,99237017	-42,46507413
ME	250	1	-14,07442197	-42,4898163
VS	70	1	-14,07442197	-42,4898163
VS	70	1	-14,05659479	-42,48474506
VS	70	1	-14,02346529	-42,50469559
VS	70	1	-14,05782846	-42,47333806
VS	70	1	-14,06842704	-42,48994251
VS	400	1	-14,06907912	-42,48712339
VS	70	1	-13,73272046	-42,35723994
VS	250	1	-14,06243279	-42,48188206
LD	40	1	-13,85813603	-42,4455928
LD	30	1	-13,95259997	-42,52003122
VS	70	1	-14,08134062	-42,49434687
VS	400	1	-14,0709431	-42,48422361
VS	70	1	-14,07217368	-42,4792244
VS	70	1	-14,06285435	-42,4822764
PL	40	1	-13,90351372	-42,34366948
LD	40	1	-13,63192345	-42,28433338
ME	70	1	-13,6900052	-42,31510131
VS	70	1	-14,06472823	-42,4947603
VS	70	1	-14,06403029	-42,48215289
VS	70	1	-14,06825797	-42,4840883
LD	40	1	-14,06440431	-42,48952643
VS	70	1	-14,05741528	-42,47738684
VS	70	1	-14,06666073	-42,48703038
VS	70	1	-14,06664922	-42,4927267
VS	70	1	-14,05231436	-42,48105406
VS	70	1	-14,07086841	-42,4853998
VS	70	1	-14,05725322	-42,47671381
LD	30	1	-13,67236924	-42,30528413

VS	250	1	-14,07298002	-42,49194364
VS	70	1	-14,0753318	-42,49148552
VS	70	1	-14,06735934	-42,49477521
VS	70	1	-14,06425997	-42,4982419
VS	70	1	-14,06436989	-42,47960647
VS	70	1	-13,63507507	-42,57078747
VS	70	1	-13,6325144	-42,57157643
ME	70	1	-14,06194318	-42,47542335
LD	50	1	-14,23855896	-42,58518851
LD	40	1	-14,09876287	-42,66220581
VS	70	1	-14,05796116	-42,48266861
VS	70	1	-14,07408758	-42,47988917
VS	70	1	-14,0544893	-42,48611613
VS	70	1	-14,06424187	-42,48032866
VS	70	1	-14,06101138	-42,50818242
ME	150	1	-14,07972504	-42,49497152
VS	70	1	-14,08102891	-42,49410342
VS	70	1	-14,07180847	-42,49003306
LD	100	1	-14,05911148	-42,51959965
LD	30	1	-13,66797333	-42,29998048
ME	70	1	-13,66797333	-42,29998048
LD	20	1	-13,63392576	-42,57121925
VS	70	1	-14,1456428	-42,43676331
LD	40	1	-13,91175402	-42,41026761
VS	70	1	-14,05635118	-42,4834891
VS	70	1	-14,0706058	-42,48560302
VS	400	1	-14,06660245	-42,49037675
ME	150	1	-14,08111149	-42,49991489
VS	70	1	-14,0632501	-42,48345723
VS	70	1	-14,06370187	-42,49883469
VS	70	1	-14,06692569	-42,48876337
VS	70	1	-14,05816952	-42,48928333
LD	15	1	-14,02082026	-42,65019317
VS	70	1	-13,72230155	-42,36429967
LD	100	1	-14,06038458	-42,51921211
LD	100	1	-14,05912485	-42,51884741
LD	100	1	-14,05908866	-42,52070928
LD	100	1	-14,0594534	-42,52163066
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VS	250	1	-13,98398565	-42,44061826
LD	40	1	-14,06440439	-42,49836263
VS	70	1	-14,05844697	-42,48818276
VS	250	1	-14,06980409	-42,49306689
LD	100	1	-14,05909214	-42,52161335
LD	30	1	-13,9826217	-42,46115099
FL	45	1	-14,04562596	-42,53896648
VS	70	1	-14,06594144	-42,48047113
VS	70	1	-14,06972053	-42,48065499
VS	250	1	-13,79605331	-42,45736221
VS	250	1	-13,83055382	-42,40002229
VS	70	1	-14,05308101	-42,47309475
LD	30	1	-14,13035847	-42,41312859
LD	50	1	-14,01990495	-42,50645464
VS	70	1	-14,06151887	-42,47578296
VS	250	2	-14,06489307	-42,49191084
ME	150	1	-14,08150056	-42,49937264
VS	70	1	-14,05589442	-42,47753911
VS	250	1	-14,06532313	-42,47925741
LD	100	1	-14,05910427	-42,51996919
VS	70	1	-14,06510495	-42,49180644
VS	70	1	-14,05880406	-42,48215429

ME	70	1	-13,72270365	-42,36423638
VS	250	1	-14,04434639	-42,75061076
ME	150	1	-14,07961995	-42,4979821
VS	250	1	-14,06469324	-42,48522935
ME	150	1	-14,07972609	-42,4968429
LD	40	1	-14,25121502	-42,41531408
VS	70	1	-14,05534849	-42,48301464
ME	70	1	-14,05563555	-42,47960685
VS	70	1	-14,05563555	-42,47960685
VS	70	1	-14,05582586	-42,48394183
VS	70	1	-14,0649818	-42,49522961
VS	70	1	-14,07231261	-42,48582373
VS	250	2	-14,06482138	-42,49341747
VS	250	1	-14,06768969	-42,49239548
VS	70	1	-14,07697717	-42,49160018
LD	40	2	-13,95018104	-42,51572582
VS	70	1	-14,05694594	-42,47498202
VM	125	1	-14,13786156	-42,62361805
ME	70	1	-14,07217248	-42,47982646
VS	70	1	-14,07171725	-42,49043115
VS	70	1	-14,06384543	-42,47962391
VS	70	1	-14,0463012	-42,47560159
VS	250	1	-13,84130327	-42,30950308
VS	250	1	-14,0714905	-42,48177018
VS	250	1	-14,06537727	-42,4850825
VS	250	1	-14,04835456	-42,48746653
VS	70	1	-14,05527214	-42,491276
VS	70	1	-14,08109284	-42,49401139
VS	70	1	-14,05533458	-42,48735066
VS	70	1	-14,05547146	-42,47454071
LD	40	1	-14,06256527	-42,48680871
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VS	70	1	-14,0588236	-42,49049638
VS	70	1	-14,07012853	-42,48009082
VS	70	1	-14,06393046	-42,4957867
LD	100	1	-14,05985204	-42,51772834
PL	45	1	-14,04527468	-42,53937854
VS	250	1	-14,06605679	-42,49059511
VS	70	1	-13,69208822	-42,51342819
VS	70	1	-14,05970367	-42,48058514
VM	125	2	-13,94796055	-42,53114751
LD	50	1	-14,05262599	-42,50130459
VS	70	1	-14,06151668	-42,4821569
VS	250	1	-14,06220298	-42,48259366
VS	250	1	-14,07433712	-42,49152972
ME	250	2	-14,07196636	-42,4924324
VS	70	1	-14,05237238	-42,47519471
VS	70	1	-14,06718786	-42,48114988
VS	70	1	-14,0717644	-42,48043694
LD	50	1	-14,02513471	-42,54760661
VS	70	1	-14,06658634	-42,49109695
VS	70	1	-14,05796784	-42,4942176
VS	70	1	-14,06388358	-42,48295052
VS	250	1	-14,07180661	-42,48194683
VS	400	1	-14,05975879	-42,49365534
VS	250	1	-14,06454347	-42,48741234
VS	70	1	-14,06757947	-42,48427213
VS	70	1	-14,0693807	-42,48331261
VS	250	1	-14,06096152	-42,48397112
VS	250	1	-14,07087566	-42,4817689
LD	30	1	-13,946023	-42,4383024
VS	70	1	-14,06852729	-42,47065656

VS	250	1	-14,06536802	-42,4802833
LD	30	1	-14,11464117	-42,4119275
VS	400	1	-14,06893262	-42,49036104
VS	70	1	-14,07203174	-42,48786655
VS	70	1	-14,06701325	-42,4870867
VS	70	1	-14,04188454	-42,53504429
PL	40	2	-13,94717563	-42,44794426
VS	70	1	-14,07140824	-42,49121781
VS	70	1	-14,06425132	-42,48012491
VS	70	1	-14,06454188	-42,47950494
VS	70	1	-13,68522365	-42,30559622
LD	40	1	-13,87151171	-42,20956164
VS	400	1	-14,05533528	-42,47185355
VS	70	1	-14,07540009	-42,49347715
ME	150	1	-14,08072093	-42,49654196
VS	70	1	-14,06753076	-42,48602262
VS	70	1	-14,05735098	-42,48847441
VS	70	1	-14,06260297	-42,49930051
VS	70	1	-14,05489971	-42,48566001
LD	200	1	-14,0691395	-42,48578185
VS	400	1	-14,06904694	-42,48900628
VS	250	1	-14,0788441	-42,49227025
LD	40	1	-14,07222407	-42,48543053
LD	40	1	-14,10392256	-42,43167147
VS	70	1	-14,0770752	-42,49301463
VS	70	1	-14,07019585	-42,48713047
VS	70	1	-14,05103259	-42,47638422
VS	70	1	-14,02879995	-42,51174352
ME	400	1	-13,81714029	-42,41385089
VS	70	1	-14,07716307	-42,49168404
VS	250	1	-14,07344556	-42,48976792
VS	250	1	-14,13791206	-42,61866721
LD	30	1	-14,01900546	-42,47069413
VS	70	1	-14,06684287	-42,49531132
LD	40	1	-14,06775519	-42,48682892
VS	70	1	-14,04763649	-42,47684715
VS	70	1	-14,04675829	-42,47798136
VS	70	1	-14,06271635	-42,48360431
VS	70	1	-14,05982098	-42,48184252
VS	70	1	-14,05552502	-42,4741056
LD	40	1	-13,68093852	-42,44564714
VS	70	1	-14,05830031	-42,48089981
VS	250	1	-14,07041158	-42,49223456
VS	250	1	-14,06934235	-42,4844055
VS	250	1	-14,06559429	-42,48172175
LD	40	2	-14,0796522	-42,56619287
VS	70	1	-14,05956795	-42,47999477
VM	80	1	-13,61868889	-42,5854561
VS	250	1	-14,0482661	-42,48658482
VS	70	1	-14,29862554	-42,57741939
VS	70	1	-14,07417117	-42,48413776
VS	70	1	-14,06452324	-42,49772379
LD	50	1	-14,07157776	-42,48362593
VS	70	2	-14,06107173	-42,48310997
VS	400	1	-14,06891786	-42,4883581
VS	70	1	-14,07126406	-42,49097668
LD	40	2	-14,14983102	-42,41718348
LD	30	1	-13,91822312	-42,41741849
VS	250	1	-14,07384338	-42,48977802
VS	70	1	-14,07320089	-42,47886788
VS	400	1	-14,07040532	-42,4908637
LD	30	1	-14,15176015	-42,41526125

VS	70	1	-14,06581199	-42,49092803
LD	30	1	-13,68168871	-42,44404831
VS	70	2	-14,0713684	-42,48806828
VS	250	1	-14,06518011	-42,48515701
VS	70	1	-14,05564255	-42,48752396
VS	70	1	-14,07231582	-42,48715588
VS	70	1	-14,07107469	-42,49072619
LD	40	1	-14,03631858	-42,60654318
LD	40	1	-13,95228819	-42,52134883
LD	30	1	-13,88307438	-42,44328426
LD	40	1	-14,06499179	-42,49992144
LD	40	1	-14,07991903	-42,56665185
LD	40	1	-14,05968267	-42,48595052
VS	70	1	-14,25775005	-42,52364388
LD	30	1	-13,92992544	-42,42718287
VS	70	1	-14,05931329	-42,48978424
VS	70	1	-14,05891271	-42,48189824
VS	250	1	-14,05002084	-42,66114028
VS	70	1	-14,09160866	-42,67084768
VS	150	1	-14,06576272	-42,48765527
VS	70	1	-14,06632789	-42,486001
PL	24	1	-14,31595346	-42,51053198
VS	70	1	-14,06347042	-42,48179049
VS	70	1	-14,0645015	-42,49659801
VS	150	1	-13,83436692	-42,43401781
PL	30	2	-14,03544484	-42,54429333
VS	70	1	-14,06770177	-42,49534095
LD	60	1	-14,07108963	-42,49227306
VS	400	1	-14,06903973	-42,4875126
VS	70	1	-14,06377202	-42,47474959
ME	70	1	-14,33540257	-42,48644929
VS	70	1	-14,06711302	-42,49584911
VS	70	1	-14,0532471	-42,48532394
VS	250	1	-14,06493637	-42,48573002
VS	70	1	-14,05847254	-42,48971762
VS	70	1	-13,63466794	-42,57089744
ME	70	1	-13,62718423	-42,28403108
LD	40	1	-13,92596836	-42,48049925
LD	30	1	-14,11428587	-42,41174038
VS	150	1	-14,08018056	-42,49620836
VS	70	1	-13,75101622	-42,46227953
VS	70	1	-14,05915179	-42,48011431
VS	70	1	-14,06360328	-42,48801092
VS	70	1	-14,07471145	-42,49419816
VS	250	2	-14,0648963	-42,4921487
VS	70	1	-14,06006632	-42,48318752
VS	250	1	-14,0115087	-42,67841006
VS	70	1	-14,07517891	-42,47934485
VS	70	1	-14,06332477	-42,48681031
VS	250	3	-14,06595774	-42,49039112
LD	40	1	-14,07023252	-42,48688046
VS	70	1	-13,79575727	-42,45799667
VS	70	1	-13,67420458	-42,62347266
VS	70	1	-14,06454896	-42,49399115
LD	40	1	-14,05446798	-42,48020645
VS	70	1	-14,05446798	-42,48020645
VS	70	1	-14,0641355	-42,49721353
LD	30	2	-14,06153008	-42,4849579
VS	70	7	-14,06153008	-42,4849579
VS	70	1	-14,05769888	-42,49393602
VS	70	1	-13,7502695	-42,63334217
LD	150	1	-14,06816236	-42,48668158

LD	50	1	-14,07581214	-42,48192741
ME	70	1	-14,07581214	-42,48192741
LD	100	1	-14,0603634	-42,52106967
LD	30	1	-13,9823536	-42,46153777
ME	70	1	-14,33435567	-42,48772007
LD	40	1	-13,9121775	-42,41024502
VS	70	1	-14,05702622	-42,48953858
VS	250	1	-14,06821128	-42,4848292
VS	70	1	-13,90117057	-42,33146849
VS	70	1	-14,06927945	-42,48421086
VS	70	1	-14,07272615	-42,47875315
VS	400	1	-14,05945861	-42,49432036
VS	70	1	-14,05636423	-42,47740263
LD	30	1	-13,92792594	-42,47461972
VS	70	1	-14,05914044	-42,4812813
VS	150	1	-14,05203189	-42,68407139
LD	40	1	-13,68282876	-42,44413403
VS	70	1	-14,05587981	-42,47397027
VS	250	1	-14,06491836	-42,47736234
LD	30	1	-14,08489757	-42,44743878
LD	40	1	-13,84525358	-42,39038641
VS	70	1	-14,30629928	-42,57929781
VS	70	1	-14,07337761	-42,47912297
VS	70	1	-14,0505993	-42,47578835
ME	150	1	-14,07996213	-42,49505262
VS	70	1	-14,06565139	-42,48986252
VS	250	1	-14,06571061	-42,48287886
LD	200	1	-14,0694319	-42,48484103
VS	70	1	-14,07386355	-42,47964843
VS	250	2	-14,07039014	-42,49388324
VS	70	1	-14,05828847	-42,49113978
PL	45	1	-13,94165759	-42,44434181
VS	70	1	-14,0641945	-42,49912547
PL	40	1	-13,91214575	-42,36046129
VS	70	1	-14,0702291	-42,48407391
VS	400	1	-14,07172009	-42,48452164
VS	250	1	-14,02223115	-42,54472138
VS	250	1	-14,0658275	-42,49548049
VS	70	1	-13,68914083	-42,48154598
VS	70	2	-14,06047628	-42,48698029
VS	400	1	-14,06728663	-42,49051436
VS	250	1	-14,06558135	-42,48403943
VS	250	1	-14,06664168	-42,49642236
VS	70	1	-14,06985358	-42,48195201
VS	70	1	-14,05615458	-42,47179659
VS	250	1	-14,06524091	-42,47867566
VS	70	1	-14,06493163	-42,47902411
VS	70	1	-14,05623865	-42,48096961
LD	100	1	-13,7503516	-42,47104563
LD	40	1	-14,14909441	-42,39029652
VS	70	1	-14,05052935	-42,47871232
LD	40	1	-14,04929289	-42,47834614
VS	70	1	-14,06259855	-42,4801387
VS	70	1	-14,06235892	-42,48015024
LD	40	1	-13,62965861	-42,28421568
LD	50	1	-14,05261913	-42,50229948
ME	150	1	-14,08016054	-42,49529916
ME	150	1	-14,0802524	-42,49591886
LD	40	1	-14,06257948	-42,48422459
LD	50	1	-14,05284094	-42,50237637
VS	70	1	-14,06979565	-42,4796585
VS	70	1	-14,05573283	-42,48070923

VS	70	1	-14,07143125	-42,48327745
LD	100	1	-14,0603725	-42,52032947
LD	100	1	-14,05911545	-42,51922686
LD	30	1	-14,15086917	-42,41725152
VS	70	1	-13,84293923	-42,3931284
VS	400	1	-14,06744389	-42,49321931
LD	40	1	-14,26576972	-42,52591861
VS	250	2	-14,06422025	-42,49556503
VS	400	1	-14,06705689	-42,49046209
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ME	70	1	-14,0710318	-42,48054657
VS	250	1	-14,0638046	-42,48915467
VS	70	1	-14,07741693	-42,49321285
VS	70	1	-14,07443061	-42,49446618
VS	70	1	-14,07103059	-42,48568728
FL	40	1	-13,960786	-42,46859334
VS	400	1	-14,0705174	-42,48459322
VS	70	1	-14,06302812	-42,488606
VS	70	1	-14,06954976	-42,48013593
VS	70	1	-14,06038499	-42,48741541
LD	30	1	-13,68065501	-42,44324669
VS	70	1	-14,06515164	-42,49552072
VS	70	1	-14,06516281	-42,48099746
VS	250	1	-14,0656152	-42,48084095
VS	400	1	-14,06696415	-42,49347763
VS	250	1	-14,04748049	-42,4872902
MT	160	1	-13,96209491	-42,47178458
VS	70	1	-14,06308995	-42,48550699
LD	20	2	-13,98746757	-42,41665128
MV	400	1	-14,06877194	-42,48479333
LD	200	1	-14,06935052	-42,48484086
VS	70	1	-14,05669569	-42,47404178
ME	250	1	-14,08929942	-42,66891423
ME	250	1	-13,83316015	-42,43891643
VS	70	1	-14,05300202	-42,48080542
VS	70	1	-14,0784056	-42,49172235
VS	70	1	-14,07276058	-42,48868274
VS	250	1	-14,06454823	-42,48989723
VS	400	1	-14,06895283	-42,48926747
VS	70	1	-14,04846228	-42,47522937
VS	70	1	-14,04805394	-42,47556222
LD	40	1	-14,14953581	-42,4173879
VS	400	1	-14,06886485	-42,49252766
VS	70	1	-14,05793844	-42,48100094
PL	55	1	-13,92042503	-42,35702278
VS	250	1	-14,02479102	-42,54661389
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VS	250	1	-14,06299861	-42,48951789
LD	40	1	-14,07735088	-42,48109698
LD	30	1	-13,80177914	-42,36295687
PL	45	1	-13,88360042	-42,36155822
VS	70	1	-14,07122956	-42,49015224
VS	250	1	-14,06499665	-42,47778106
VS	250	1	-14,06511055	-42,48548725
VS	70	1	-14,0603097	-42,48523616
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PL	30	1	-13,95935801	-42,47379889
VS	250	1	-14,07082973	-42,48213004
VS	70	1	-13,6342972	-42,5709058
LD	40	1	-14,09400716	-42,41890562
VS	70	1	-13,62888544	-42,28418185
LD	30	1	-13,80426486	-42,36717364

LD	40	1	-13,96749026	-42,45904702
VS	70	1	-13,63520962	-42,5712593
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LD	40	1	-14,08527384	-42,55921846
VS	70	1	-14,06276851	-42,47680762
LD	100	1	-14,05773182	-42,48150964
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VS	400	1	-14,05917708	-42,49394826
VS	70	1	-14,26172244	-42,5249112
LD	40	1	-14,0813538	-42,49577487
VS	70	1	-14,07741075	-42,49180489
LD	30	1	-14,10063182	-42,41728241
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VS	70	1	-14,0726147	-42,4892845
LD	40	1	-14,06313542	-42,48202135
VS	70	1	-14,07061705	-42,4799529
FL	45	1	-14,15158724	-42,41590955
VS	70	1	-14,05651645	-42,4717852
VS	70	1	-14,06868377	-42,52957922
VS	150	1	-14,0685466	-42,53131265
LD	20	1	-14,22203467	-42,38607907
VS	70	1	-14,06290744	-42,4829934
VS	70	1	-14,06585284	-42,49961033
VS	70	1	-14,07262671	-42,48781177
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VS	70	1	-14,05149647	-42,47691754
VS	70	1	-14,05978085	-42,48206065
VS	70	1	-14,06064645	-42,52659469
VS	70	1	-14,0585192	-42,48449393
VS	250	1	-13,97097753	-42,4726957
VS	250	1	-14,06379595	-42,49079407
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VS	70	1	-14,05570955	-42,48332104
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VS	70	1	-14,06346073	-42,52269774
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VS	70	1	-14,05934658	-42,48662984
VS	250	1	-14,06495324	-42,48633211
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LD	150	1	-14,06953046	-42,48528583
ME	70	1	-14,05861652	-42,49006062
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VS	250	1	-14,06571395	-42,48120238
VS	70	1	-14,0620536	-42,49564494
LD	30	1	-13,7548971	-42,47160468
LD	40	1	-13,80830871	-42,3123441
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LD	30	1	-13,97346133	-42,46531122
VS	70	1	-14,06273594	-42,48284485
VS	70	1	-14,06696892	-42,49557093
VS	70	1	-13,99564008	-42,64640738

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LD	40	1	-14,05759074	-42,48274925
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VS	70	1	-14,2640912	-42,52659934
VS	70	1	-14,2594344	-42,5226858
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VS	70	1	-14,26294637	-42,52503927
LD	40	1	-14,26072585	-42,5233655
VS	70	1	-14,26470618	-42,56982768
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VS	70	1	-14,26309197	-42,52461317
LD	40	1	-14,26264715	-42,52542793
VM	125	1	-14,26298826	-42,56871409
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LD	40	1	-14,26238835	-42,5238792
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VS	70	1	-14,25867674	-42,52268072
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VS	70	1	-14,26292239	-42,52361159
FL	45	1	-14,26256519	-42,52569658
VS	70	1	-14,26256519	-42,52569658
LD	40	1	-14,2628993	-42,52580572
VS	70	1	-14,26293374	-42,52667081
VS	70	1	-14,26458161	-42,52561782
VS	70	1	-14,26270823	-42,52642926
LD	100	2	-14,2611792	-42,56975885
VS	70	1	-14,26185028	-42,5259823
VS	70	1	-14,26206713	-42,5260477

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ME	70	1	-14,26171292	-42,52545479
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VS	70	1	-14,26297978	-42,52629084
LD	40	1	-14,26113167	-42,52573099
LD	50	1	-14,17919645	-42,55643696
LD	30	1	-14,19750274	-42,55761223
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IN	60	1	-14,16760131	-42,52609838
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LD	40	1	-14,26194161	-42,5273293
VS	70	1	-14,26194161	-42,5273293
VS	70	1	-14,26562485	-42,52560067
VS	70	1	-14,25725474	-42,52344483
VS	70	1	-14,26001283	-42,52278911
LD	100	1	-14,17264795	-42,55749593
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VS	70	1	-14,26252841	-42,5259746
VS	70	1	-14,26476407	-42,52487661
VS	70	1	-14,25741807	-42,52317637
VM	400	1	-14,24135369	-42,58351266
VS	70	1	-14,26149125	-42,52441508
VS	70	1	-14,25656968	-42,52294072
ME	400	1	-14,23852627	-42,58313816
VS	70	1	-14,26406806	-42,52479157
VS	70	1	-14,22844272	-42,58273563
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VS	70	1	-14,26382147	-42,52591271
LD	40	1	-14,26422907	-42,52557992
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VS	70	1	-14,25622551	-42,52288115
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LD	40	1	-14,26277565	-42,52455682
VS	70	1	-14,2621805	-42,52383237
ME	70	1	-14,26288098	-42,52599396
LD	30	1	-14,25692442	-42,52300643
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LD	40	1	-14,26312304	-42,52693082
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ME	70	1	-14,25986371	-42,52518844
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VM	400	1	-14,21508214	-42,5641523
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VS	70	1	-14,22776098	-42,58188709
VS	70	1	-14,26352327	-42,52583785
VS	70	1	-14,26183932	-42,52750807
VS	70	1	-14,26536996	-42,52482239
LD	50	1	-14,21706471	-42,5592357

VS	70	1	-14,26092403	-42,52369968
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VS	70	1	-14,26031096	-42,52290104
VS	70	1	-14,29016427	-42,49833567
LD	9	14	-14,26262194	-42,52455647
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VS	70	1	-14,28925465	-42,50094821
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VS	400	1	-14,26525245	-42,57006266
VS	70	1	-14,26136438	-42,52627402
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VS	70	1	-14,26283048	-42,52428811
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LD	30	1	-14,19450062	-42,55776244
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VS	70	1	-14,25796873	-42,52270607
LD	40	1	-14,26272038	-42,52502021
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VS	70	1	-14,26155835	-42,52732349
VS	250	1	-14,19743824	-42,55813105
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LD	40	1	-14,26331178	-42,52333438
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VS	70	1	-14,25759179	-42,52266812
VS	70	1	-14,26486061	-42,52620249
VS	70	1	-14,27850364	-42,43660793
ME	70	1	-14,26485734	-42,45929534
LD	40	1	-14,26500625	-42,45854334
VS	150	1	-14,25922641	-42,45066403
LD	40	1	-14,26343581	-42,45561685
LD	40	1	-14,26298159	-42,44280769
VS	70	1	-14,21649028	-42,41317432
VS	70	1	-14,19772971	-42,39323261
VS	70	1	-14,1968754	-42,39038214
VS	70	1	-14,21441256	-42,40887296
VS	70	1	-14,21220502	-42,4101029
VS	70	1	-14,2065346	-42,40885328
VS	70	1	-14,19477713	-42,38852039
LD	40	1	-14,19733157	-42,3905376
VS	70	1	-14,20811132	-42,41205641
VS	70	1	-14,20464292	-42,40371974
VS	70	1	-14,21026675	-42,41026949
VS	70	1	-14,203265	-42,40520454
VS	70	1	-14,21838415	-42,40682449
VS	70	1	-14,19493208	-42,38820295
VS	70	1	-14,20653929	-42,39145746
VS	70	1	-14,20359742	-42,39072312
VS	70	1	-14,19569619	-42,40237336
VS	70	1	-14,18895	-42,40753695
VS	70	1	-14,20565013	-42,39095963

VS	70	1	-14,21714582	-42,40782644
VS	70	1	-14,2000965	-42,40452329
VS	70	1	-14,20299259	-42,40492685
VS	70	1	-14,21593978	-42,41141388
VS	70	1	-14,20518788	-42,40343812
VS	70	1	-14,21377463	-42,41296058
VS	70	1	-14,21222348	-42,41256998
VS	70	1	-14,19556771	-42,40296895
VS	70	1	-14,1964132	-42,39037764
VS	70	1	-14,20894285	-42,41170785
VS	70	1	-14,1943229	-42,38973535
VS	70	1	-14,19728353	-42,39011352
VS	70	1	-14,2081644	-42,40845646
VS	70	1	-14,20326967	-42,40468749

ANEXO 2 – RESULTADOS DOS LEVANTAMENTOS – GRUPO 1

ANEXO 2 – RESULTADOS DOS LEVANTAMENTOS – GRUPO 1

Guanambi

					Calçada do ponto						Via					Calçada oposta				
Endereço	Hierarquia Viária	Via	Calçada	Data	Emín	Emed	NBR	U	NBR	Via	Emín	Emed	Emed (NBR)	U	U (NBR)	Emín	Emed	NBR	U	NBR
Parque da Cidade	Local	V4	P4	8/2/22						V3	13,77	61,87	Atende	0,22	Atende					
Rua Otávio Mangabeira	Coletora	V3	P3	7/2/22	4,40	24,61	Atende	0,18	Não Atende	V4	4,62	26,98	Atende	0,17	Não Atende	3,50	17,07	Atende	0,21	Atende
Rua Santa Catarina	Local	V4	P4	7/2/22	4,40	11,88	Atende	0,37	Atende	V4	5,99	22,01	Atende	0,27	Atende	13,60	21,86	Atende	0,62	Atende
Rua Porto Seguro	Local	V4	P4	7/2/22	4,10	19,77	Atende	0,21	Atende	V4	5,65	35,49	Atende	0,16	Não Atende	11,10	25,40	Atende	0,44	Atende
Rua Joaquim Normanha	Local	V4	P4	3/2/22	-	9,79	Atende	-	Não Atende	V4	-	10,79	Atende	-	Não Atende	-	4,17	Atende	-	Não Atende
Rua Otávio Mangabeira	Arterial	V2	P2	7/2/22	5,20	14,46	Atende	0,36	Atende	V4	6,28	26,22	Atende	0,24	Não Atende	3,40	12,69	Atende	0,27	Atende
Av. Santos Dumont	Arterial	V2	P2	8/2/22	0,80	12,63	Atende	0,06	Não Atende	V4	0,87	27,60	Atende	0,03	Não Atende	1,60	21,51	Atende	0,07	Não Atende
Av. Pres. Castelo Branco	Coletora	V3	P3	8/2/22	8,90	31,56	Atende	0,28	Atende	V4	7,54	25,58	Atende	0,29	Atende	2,59	16,67	Atende	0,16	Não Atende
Av. Tiradentes	Coletora	V3	P3	7/2/22	2,15	15,96	Atende	0,13	Não Atende	V4	3,55	17,59	Atende	0,20	Atende	3,70	7,37	Atende	0,50	Atende
Rua Largo dos Quincas	Local	V4	P4	7/2/22	0,75	4,76	Atende	0,16	Não Atende	V3	1,04	5,70	Não Atende	0,18	Não Atende	2,30	4,99	Atende	0,46	Atende
Av. Gov. Waldir Pires	Arterial	V2	P2	7/2/22	3,85	25,46	Atende	0,15	Não Atende	V4	24,55	42,37	Atende	0,58	Atende	13,25	40,76	Atende	0,33	Atende
Av. do Ipiranga	Local	V4	P4	7/2/22	12,20	35,46	Atende	0,34	Atende	V4	10,66	31,75	Atende	0,34	Atende	10,20	24,02	Atende	0,42	Atende
Rua Leocádia	Local	V4	P4	7/2/22	2,70	9,56	Atende	0,28	Atende	V4	3,27	16,96	Atende	0,19	Não Atende	3,96	10,85	Atende	0,37	Atende
Rua B	Local	V4	P4	8/2/22	0,50	9,77	Atende	0,05	Não Atende	V4	1,21	6,14	Não Atende	0,20	Não Atende	1,55	4,92	Atende	0,31	Atende
Rua C	Local	V4	P4	8/2/22	0,80	1,81	Não Atende	0,44	Atende	V4	0,69	2,56	Não Atende	0,27	Atende	0,40	3,51	Atende	0,11	Não Atende
Av. Manoel Nunes dos Santos	Local	V4	P4	7/2/22						V4	1,81	4,41	Não Atende	0,41	Atende					
Rua Bahia	Local	V4	P4	7/2/22	2,20	22,87	Atende	0,10	Não Atende	V4	4,42	42,00	Atende	0,11	Não Atende	16,00	37,98	Atende	0,42	Atende
Rua Minas Gerais	Local	V4	P4	7/2/22	13,00	29,87	Atende	0,44	Atende	V4	20,90	46,44	Atende	0,45	Atende	12,90	42,05	Atende	0,31	Atende
Rua Sergipe	Local	V4	P4	7/2/22	0,70	4,23	Atende	0,17	Não Atende	V4	0,81	5,95	Não Atende	0,14	Não Atende	1,10	4,63	Atende	0,24	Atende
Av. Mato Grosso	Local	V4	P4	7/2/22	5,10	100,41	Atende	0,05	Não Atende	V4	5,26	33,31	Atende	0,16	Não Atende	5,50	28,40	Atende	0,19	Não Atende
Rua Djalma Mota	Local	V4	P4	8/2/22	4,50	13,50	Atende	0,33	Atende	V4	4,50	16,89	Atende	0,27	Atende	2,80	6,10	Atende	0,46	Atende
Rua Chico Mendes	Local	V4	P4	1/8/20	1,20	8,30	Atende	0,14	Não Atende	V4	1,22	36,48	Atende	0,03	Não Atende	1,90	8,45	Atende	0,22	Atende
Av. Deolinda Martins	Coletora	V3	P3	7/2/22	0,90	18,30	Atende	0,05	Não Atende	V4	1,36	19,05	Atende	0,07	Não Atende	1,80	8,39	Atende	0,21	Atende
Av. Joaquim Chaves	Coletora	V3	P3	7/2/22						V4	3,14	15,40	Atende	0,20	Atende	-				
Av. Um	Local	V4	P4	8/2/22						V4	1,12	59,87	Atende	0,02	Não Atende	-				
Rua B	Local	V4	P4	8/2/22	-	2,47	Não Atende	-	Não Atende	V4	0,04	2,75	Não Atende	0,01	Não Atende	-				
Av. Nilo Coelho	Arterial	V2	P2	16/2/22	9,23	26,90	Atende	0,34	Atende	V4	18,24	58,08	Atende	0,31	Atende	18,00	35,93	Atende	0,50	Atende
Rua Rogaciano Francisco de Moraes	Local	V4	P4	9/2/22	19,43	32,56	Atende	0,60	Atende	V3	17,83	31,28	Atende	0,57	Atende	4,80	12,42	Atende	0,39	Atende
Rua Edgar Teixeira	Local	V4	P4	8/2/22	2,50	35,93	Atende	0,07	Não Atende	V3	4,24	42,88	Atende	0,10	Não Atende	6,72	23,88	Atende	0,28	Atende
Rua Dr. José Humberto Nunes	Coletora	V3	P3	8/2/22	4,22	9,71	Atende	0,43	Atende	V2	5,43	17,49	Atende	0,31	Atende	5,80	18,42	Atende	0,31	Atende
Av. Barão do Rio Branco	Arterial	V2	P2	8/2/22	7,40	13,20	Atende	0,56	Atende	V3	6,22	16,35	Não Atende	0,38	Atende	5,19	7,50	Não Atende	0,69	Atende
Rua Estóquio da Costa	Local	V4	P4	8/2/22	0,70	10,23	Atende	0,07	Não Atende	V4	0,89	12,17	Atende	0,07	Não Atende	0,96	5,25	Atende	0,18	Não Atende
Rua Domingos Antonio Teixeira	Local	V4	P4	8/2/22	3,20	14,17	Atende	0,23	Atende	V4	6,26	20,70	Atende	0,30	Atende	3,40	9,63	Atende	0,35	Atende
Rua João Nunes Dourado	Local	V4	P4	8/2/22	0,75	8,22	Atende	0,09	Não Atende	V4	1,08	12,49	Atende	0,09	Não Atende	-				
Av. Dep. Hidevaldo Boa Sorte	Coletora	V3	P3	3/2/22						V4	-	17,21	Atende	-	Não Atende	-				
Rua Pereira Donato	Local	V4	P4	7/2/22	7,40	31,29	Atende	0,24	Atende	V2	5,61	25,97	Atende	0,22	Atende	3,80	8,93	Atende	0,43	Atende
Rua Beija Flor	Local	V4	P4	7/2/22	0,59	11,22	Atende	0,05	Não Atende	V3	0,46	18,91	Atende	0,02	Não Atende	0,07	5,63	Atende	0,01	Não Atende
Rua Floriano Peixoto	Local	V4	P4	3/2/22	6,12	26,64	Atende	0,23	Atende	V4	11,12	54,18	Atende	0,21	Atende	11,00	25,47	Atende	0,43	Atende
Rua Deodoro da Fonseca	Local	V4	P4	3/2/22	1,99	15,26	Atende	0,13	Não Atende	V4	3,38	22,56	Atende	0,15	Não Atende	0,75	9,97	Atende	0,08	Não Atende
Av. Juscelino Kubitschek	Coletora	V3	P3	8/2/22						V4	5,74	28,39	Atende	0,20	Atende	0,50	9,56	Atende	0,05	Não Atende
Rua Ary Pedro	Local	V4	P4	7/2/22	3,44	40,47	Atende	0,08	Não Atende	V3	4,50	40,97	Atende	0,11	Não Atende	3,48	15,26	Atende	0,23	Atende
Travessa Acelino Andrade	Local	V4	P4	7/2/22	0,70	3,45	Atende	0,20	Atende	V3	0,71	5,18	Não Atende	0,14	Não Atende	0,99	4,11	Atende	0,24	Atende
Rua Acelino Andrade	Local	V4	P4	7/2/22	0,13	9,57	Atende	0,01	Não Atende	V4	0,38	18,38	Atende	0,02	Não Atende	0,50	13,53	Atende	0,04	Não Atende
Av. Candeal	Coletora	V3	P3	3/2/22	0,07	3,25	Não Atende	0,02	Não Atende	V4	1,27	9,20	Não Atende	0,14	Não Atende	0,12	3,66	Não Atende	0,03	Não Atende
Rua Dom Pedro II	Local	V4	P4	3/2/22	0,10	7,07	Atende	0,01	Não Atende	V4	0,04	10,08	Atende	0,00	Não Atende	0,01	6,50	Atende	0,00	Não Atende
Av. Pref. José Neves Teixeira	Arterial	V2	P2	8/2/22	2,80	16,44	Atende	0,17	Não Atende	V4	3,42	42,73	Atende	0,08	Não Atende	4,80	15,99	Atende	0,30	Atende

Av. Pref. José Neves Teixeira	Arterial	V2	P2	3/2/22	0,55	3,76	Não Atende	0,15	Não Atende	V4	0,80	3,32	Não Atende	0,24	Não Atende	0,85	2,37	Não Atende	0,36	Atende
Av. Vanessa Cardoso	Coletora	V3	P3	7/2/22						V3	1,50	19,57	Atende	0,08	Não Atende	2,80	12,18	Atende	0,23	Atende
Av. Sandoval Morais	Coletora	V3	P3	7/2/22	6,40	25,11	Atende	0,25	Atende	V4	7,13	17,57	Atende	0,41	Atende	6,80	12,48	Atende	0,54	Atende
Av. Sandoval Morais	Coletora	V3	P3	7/2/22	6,40	27,27	Atende	0,23	Atende	V4	4,49	28,55	Atende	0,16	Não Atende	2,40	12,55	Atende	0,19	Não Atende
Parque da Cidade	Local	V4	P4	3/2/22	0,30	28,01	Atende	0,01	Não Atende	V4	0,10	18,82	Atende	0,01	Não Atende	3,00	6,98	Atende	0,43	Atende
Av. Pref. José Neves Teixeira	Arterial	V2	P2	9/2/22	1,40	20,60	Atende	0,07	Não Atende	V3	8,09	30,20	Atende	0,27	Não Atende	20,00	24,38	Atende	0,82	Atende
Av. Vanessa Cardoso	Coletora	V3	P3	1/7/20	1,20	29,93	Atende	0,04	Não Atende	V4	1,52	26,74	Atende	0,06	Não Atende	3,10	19,30	Atende	0,16	Não Atende
Av. Nilo Coelho	Arterial	V2	P2	8/2/22	3,30	26,33	Atende	0,13	Não Atende	V4	3,30	42,28	Atende	0,08	Não Atende					
Av. Nilo Coelho	Arterial	V2	P2	8/2/22	17,12	54,91	Atende	0,31	Atende	V4	8,86	53,04	Atende	0,17	Não Atende	14,40	33,92	Atende	0,42	Atende

Lagoa Real

					Calçada do ponto					Via						Calçada oposta				
Endereço	Hierarquia Viária	Via	Calçada	Data	Emín	Emed	NBR	U	NBR	Via	Emín	Emed	Emed (NBR)	U	U (NBR)	Emín	Emed	NBR	U	NBR
BA-940	Arterial	V2	P2	11/2/22	1,45	15,08	Atende	0,10	Não Atende	V3	5,56	12,45	Não Atende	0,45	Atende	-	2,22	Não Atende	-	Não Atende
N/I	Local	V5	P4	11/2/22						V3	0,64	11,17	Atende	0,06	Não Atende					
Av. Real	Arterial	V2	P2	11/2/22	0,70	31,31	Atende	0,02	Não Atende	V4	20,52	74,56	Atende	0,28	Não Atende	0,40	18,02	Atende	0,02	Não Atende
Rua Monsenhor Bastos	Coletora	V3	P3	11/2/22	7,25	52,60	Atende	0,14	Não Atende	V4	6,92	55,22	Atende	0,13	Não Atende	4,48	21,41	Atende	0,21	Atende
Tv. Ana Vitória	Local	V5	P4	11/2/22	2,87	26,43	Atende	0,11	Não Atende	V4	2,73	18,65	Atende	0,15	Não Atende	2,70	7,04	Atende	0,38	Atende
Tv. Zé Pinto	Local	V5	P4	11/2/22	0,29	3,16	Atende	0,09	Não Atende	V4	0,29	3,73	Não Atende	0,08	Não Atende	0,66	3,79	Atende	0,17	Não Atende
Rua Zezé Cardoso	Local	V5	P4	11/2/22						V4	1,76	7,61	Atende	0,23	Atende					
Av. Real	Coletora	V3	P3	11/2/22	1,17	45,83	Atende	0,03	Não Atende	V4	1,30	49,85	Atende	0,03	Não Atende	11,20	26,04	Atende	0,43	Atende
Rua Dr. Osvaldo Rodrigues	Local	V4	P4	11/2/22	1,85	8,92	Atende	0,21	Atende	V3	1,99	8,13	Não Atende	0,24	Atende	1,70	3,51	Atende	0,48	Atende
Rua Belo Duca	Local	V4	P4	11/2/22	6,20	19,13	Atende	0,32	Atende	V4	6,70	30,87	Atende	0,22	Atende	14,70	24,71	Atende	0,59	Atende
Av. 14 de Maio	Coletora	V3	P3	11/2/22	10,45	29,15	Atende	0,36	Atende	V4	6,62	34,76	Atende	0,19	Não Atende	0,80	16,92	Atende	0,05	Não Atende
Rua Nelson Mariano	Local	V5	P4	11/2/22	0,90	9,69	Atende	0,09	Não Atende	V4	5,67	15,11	Atende	0,38	Atende	3,40	12,53	Atende	0,27	Atende
Rua Dois de Julho	Local	V5	P4	11/2/22	0,75	7,15	Atende	0,10	Não Atende	V3	0,83	6,70	Atende	0,12	Não Atende	0,90	3,04	Atende	0,30	Atende
Av. Santa Maria	Local	V5	P4	11/2/22	2,30	11,69	Atende	0,20	Não Atende	V4	1,75	8,42	Atende	0,21	Atende	1,20	3,31	Atende	0,36	Atende
Av. 14 de Maio	Coletora	V3	P3	11/2/22	3,20	30,07	Atende	0,11	Não Atende	V4	2,77	43,67	Atende	0,06	Não Atende	2,30	19,51	Atende	0,12	Não Atende
Rua Luiz Pereira de Aguiar	Local	V5	P4	11/2/22	9,80	31,55	Atende	0,31	Atende	V4	12,26	51,01	Atende	0,24	Atende	8,40	22,81	Atende	0,37	Atende
Rua Sr. do Bonfim	Local	V5	P4	11/2/22	0,50	4,08	Atende	0,12	Não Atende	V4	0,66	4,58	Não Atende	0,14	Não Atende	-	1,15	Não Atende	-	Não Atende
Rua São João Batista VI	Local	V5	P4	11/2/22	0,20	4,04	Atende	0,05	Não Atende	V4	0,20	3,94	Não Atende	0,05	Não Atende	0,10	2,58	Não Atende	0,04	Não Atende
Av. João Batista Teixeira	Local	V5	P4	11/2/22	0,20	38,40	Atende	0,01	Não Atende	V4	1,84	36,17	Atende	0,05	Não Atende	0,30	5,69	Atende	0,05	Não Atende
Av. Parque do Vaqueiro	Coletora	V4	P3	11/2/22	3,80	13,29	Atende	0,29	Atende	V4	4,50	11,14	Atende	0,40	Atende	3,20	7,09	Atende	0,45	Atende
Av. Parque do Vaqueiro	Coletora	V3	P3	11/2/22	0,30	11,77	Atende	0,03	Não Atende	V4	0,33	12,50	Não Atende	0,03	Não Atende					
N/I	Local	V5	P4	11/2/22	0,30	3,62	Atende	0,08	Não Atende	V4	0,41	3,78	Não Atende	0,11	Não Atende	0,50	2,70	Não Atende	0,19	Não Atende
Rua Dois de Julho	Local	V5	P4	11/2/22	0,60	7,94	Atende	0,08	Não Atende	V4	0,61	8,46	Atende	0,07	Não Atende	0,60	5,91	Atende	0,10	Não Atende

ANEXO 3 – RESULTADOS DOS LEVANTAMENTOS – GRUPO 2

ANEXO 3 – RESULTADOS DOS LEVANTAMENTOS – GRUPO 2

Guanambi

Endereço	Data	Classes de Iluminação das Vias	Classes de Iluminação das Vias de Pedestres	Distância entre postes			Aderência ao Cadastro				Via			Altura de Montagem (m)				Projeção dos braços (m)			
				AB	BC	CD	Potência da Lâmpada (Campo)	Potência da Lâmpada (Cadastro)	Tipo (Campo)	Tipo (Cadastro)	Largura da Calçada do Ponto	Largura da Via	Largura da Calçada Oposta	A	B	C	D	A	B	C	D
Rua Gercino Coelho	03/02/2022	V2	P2	45,30	43,30	31,90	250	250	VS	VS	3,00	7,00	1,20	8,00	7,30	7,90	7,90	2,00	2,00	1,80	2,00
Rua Gercino Coelho	03/02/2022	V2	P2	31,50	30,80	32,50	250	250	VS	VS	3,10	6,90	1,20	7,50	7,50	6,50	6,50	2,00	2,00	1,77	1,77
Rua Maria Joaquina	03/02/2022	V3	P3	28,00	38,90	34,60	250	250	VS	VS	-	7,00	3,00	7,50	7,70	7,70	7,70	2,70	2,80	1,50	2,80
Rua Donório Cotrim	03/02/2022	V4	P4	32,90	31,40	30,60	250	250	VS	VS	2,80	7,00	2,00	7,00	8,60	7,60	7,50	2,00	2,80	2,80	1,50
N/I	03/02/2022	V4	P4	29,90	18,50	30,30	70	70	VS	VS	-	6,60	-	5,80	6,30	6,20	6,30	1,00	1,00	1,00	1,00
N/I	03/02/2022	V4	P4	35,90	41,60	38,80	70	70	VS	VS	2,00	6,00	2,20	6,80	6,60	6,50	6,80	1,00	1,00	1,00	0,90
N/I	03/02/2022	V4	P4	28,00	39,80	28,00	70	70	VS	VS	2,70	7,00	1,90	6,90	7,20	6,70	6,50	1,00	1,00	1,00	1,00
Rua José Vieira Costa	03/02/2022	V4	P4	39,20	27,40	36,20	250	250	VS	VS	2,00	6,90	3,10	7,40	6,70	7,50	6,80	1,77	1,77	1,77	1,77
Rua Guaranesia	03/02/2022	V4	P4	34,30	35,50	22,80	250	250	VS	VS	2,10	6,90	2,50	7,10	7,40	7,50	7,60	1,77	1,77	1,77	1,77
N/I	03/02/2022	V4	P4	37,70	30,70	31,20	250	250	VS	VS	1,80	6,00	1,70	7,00	7,00	6,40	6,40	1,77	1,77	1,77	1,77
Entrada da Cidade	03/02/2022	V4	P4	29,50	35,00	34,00	70	70	VS	VS	11,50	5,60	-	8,10	8,50	8,50	8,20	2,50	2,50	2,50	2,50
Av. Depp Hidelvado Boa Sorte	07/02/2022	V2	P2	36,00	36,00	34,40	250	250	VS	VS	-	6,90	-	8,00	7,80	7,50	8,00	1,77	1,77	1,77	2,50
Av. Depp Hidelvado Boa Sorte	07/02/2022	V2	P2	37,50	35,60	34,00	250	250	VS	VS	-	7,10	-	8,00	7,00	7,00	7,00	1,77	1,77	1,77	1,77
Rua Dezoito	07/02/2022	V4	P4	65,30	40,20	30,60	70	70	VS	VS	1,80	8,40	1,80	7,50	7,20	7,00	6,60	1,00	1,00	1,00	1,00
Av. Governador Waldir Pires	07/02/2022	V2	P2	29,20	42,00	33,00	400	400	VS	VS	5,80	6,90	7,20	7,60	7,15	7,40	7,40	2,50	2,50	2,50	2,50
Av. Governador Waldir Pires	07/02/2022	V2	P2	31,20	31,60	32,20	400	400	VS	VS	5,00	7,00	7,20	7,60	6,90	7,10	7,30	2,50	2,50	2,50	2,50
Pracinha Rua Santa Catarina	07/02/2022	V4	P4	25,10	28,40	29,00	400	400	VM	VM	-	6,00	-	13,00	13,00	13,00	13,00	0,50	0,50	0,50	0,50
Rua Otávio Mangabeira	08/02/2022	V4	P4	35,00	34,20	34,00	250	250	VM	VM	2,20	8,00	2,80	8,10	7,80	8,60	7,50	2,50	2,50	2,50	2,50
Rua Djalma Mota	08/02/2022	V4	P4	51,30	29,70	22,40	250	250	VS	VS	2,40	6,80	2,40	7,60	9,20	6,40	7,40	1,77	2,50	1,77	1,77
Av. Mato Grosso do Sul	08/02/2022	V3	P3	48,50	46,60	41,30	250	250	VS	VS	2,00	6,60	2,00	8,50	8,80	7,90	9,00	2,50	2,50	1,77	2,50
Av. Mato Grosso do Sul	08/02/2022	V3	P3	47,50	46,00	43,50	250	250	VS	VS	2,00	7,00	2,00	8,60	8,10	8,00	7,70	2,50	1,77	1,77	1,77
Rua Genésio Pau Darco	08/02/2022	V4	P4	27,00	24,50	30,00	250	250	VS	VS	2,00	7,00	2,80	8,80	8,70	8,60	8,60	2,50	2,50	2,50	2,50
Rua Genésio Pau Darco	08/02/2022	V4	P4	28,00	26,50	32,10	250	250	VS	VS	2,00	7,20	2,50	8,70	8,80	8,70	8,70	2,50	2,50	2,50	2,50
Rua Rio Grande do Sul	08/02/2022	V3	P3	40,40	39,30	36,80	250	250	VS	VS	1,90	7,00	2,70	7,90	7,60	6,40	7,50	1,77	1,77	1,77	1,77
Rua Rio Grande do Norte	08/02/2022	V4	P4	39,80	40,30	40,30	250	250	VS	VS	2,30	6,90	2,60	7,60	7,10	6,90	7,40	1,77	1,77	1,77	1,77
Rua D1	08/02/2022	V4	P4	41,00	40,00	38,00	70	70	VS	VS	1,30	6,20	0,90	6,80	6,80	7,00	69,00	1,00	1,00	1,00	1,00
Rua Gérson Badaró	08/02/2022	V4	P4	32,00	31,00	40,00	150	150	VS	VS	2,70	6,40	1,50	7,60	7,50	7,20	8,00	2,50	2,50	2,50	2,50
Rua Pernambuco	08/02/2022	V4	P4	36,90	33,40	20,10	250	250	VS	VS	1,80	5,80	2,20	7,94	8,10	8,00	7,70	1,77	1,77	1,77	1,77
Estrada Velha de Guanambi	08/02/2022	V4	P4	21,40	33,50	28,60	250	250	VS	VS	1,70	8,20	1,50	7,00	6,80	7,00	7,00	1,77	1,77	1,77	1,77
Rua Brejinho dos Ametistas	08/02/2022	V4	P4	31,00	42,00	36,00	70	70	VS	VS	1,50	6,00	1,30	8,00	7,00	7,20	8,00	2,50	1,00	1,00	2,50
Rua Padre Manoel da Nóbrega	08/02/2022	V4	P4	13,90	14,50	14,60	70	70	VM	VS	-	4,70	-	5,50	5,50	5,50	5,50	1,77	1,77	1,77	1,77
Rua Atílio Pereira de Oliveira	09/02/2022	V4	P4	29,80	29,00	31,90	250	250	VS	VS	-	7,80	-	7,90	7,30	7,60	7,50	2,50	2,50	2,50	2,50
Rua Atílio Pereira de Oliveira	09/02/2022	V4	P4	32,10	35,00	37,40	250	250	VS	VS	-	8,00	-	7,60	7,00	7,20	7,20	2,50	2,50	2,50	2,50
Rotatória Rua Camerino Pereira Costa	09/02/2022	V4	P4	11,00	28,00	10,00	250	250	VS	VS	-	8,10	16,30	8,40	7,60	7,60	9,00	2,50	2,50	2,50	2,50
Rua José Pereira Donato	09/02/2022	V4	P4	37,90	36,40	40,00	250	250	VS	VS	3,70	8,20	3,60	8,50	8,70	8,20	8,50	2,50	2,50	2,50	2,50
Rotatória Rua José Pereira Donato	09/02/2022	V4	P4	34,60	42,40	39,50	250	250	VS	VS	3,50	8,10	3,50	5,50	7,30	7,20	7,30	1,00	2,50	2,50	2,50
Av. Senador Nilo Coelho	09/02/2022	V4	P4	41,40	42,60	23,80	250	250	VS	VS	1,90	11,40	1,60	7,90	7,90	8,10	7,40	2,50	2,50	2,50	1,77
Rua Francisco Fernandes	09/02/2022	V3	P3	35,50	23,40	40,20	250	250	VS	VS	1,50	8,60	2,00	8,00	8,00	7,50	8,00	2,50	2,50	2,50	2,50
Travessa da Concorórdia	09/02/2022	V4	P4	30,00	29,10	31,20	250	250	VS	VS	-	5,70	-	8,00	6,50	8,00	8,00	1,77	1,00	2,50	1,77
Rua 5	09/02/2022	V4	P4	65,00	41,00	45,50	250	250	VS	VS	2,40	7,00	2,30	7,50	7,50	7,30	7,50	1,77	1,77	1,77	1,77
Rua Oito	09/02/2022	V4	P4	26,00	37,00	32,30	250	250	VS	VS	2,50	7,00	3,00	7,50	7,55	8,20	7,50	1,77	1,77	1,77	1,77
N/I	09/02/2022	V4	P4	29,20	31,50	34,90	250	250	ME	ME	-	6,90	-	7,80	7,80	7,80	7,70	2,50	2,50	2,50	2,50
Rua Benjamin Constant	09/02/2022	V4	P4	39,80	40,70	42,00	250	250	VS	VS	2,50	6,90	2,30	7,50	8,90	8,40	8,50	2,50	2,50	2,50	2,50
Rua Lima Barreto	09/02/2022	V4	P4	41,00	30,80	30,00	250	250	VS	VS	2,20	6,70	2,00	7,50	7,80	7,50	7,90	1,75	1,75	1,75	2,50
Tv. Vicente de Paula	09/02/2022	V4	P4	31,00	31,00	33,50	250	250	VS	VS	2,00	6,50	2,00	7,10	9,30	7,90	9,50	1,77	2,50	2,50	2,50
Rua Dr. Humberto Nunes	09/02/2022	V2	P2	34,00	36,30	34,00	250	250	VS	VS	5,50	10,00	2,00	7,40	8,80	8,90	7,50	1,77	2,50	2,50	1,77
Rua Dr. Humberto Nunes	09/02/2022	V2	P2	34,50	36,00	34,20	250	250	VS	VS	2,00	10,00	5,30	8,40	8,30	8,90	8,40	2,50	2,50	2,50	2,50
Rua Rio de Janeiro	09/02/2022	V3	P3	38,20	39,40	40,10	400	400	VS	VS	1,80	8,50	2,20	8,00	8,00	7,20	8,00	2,50	2,50	2,50	2,50
Av. Pres. Castelo Branco	09/02/2022	V3	P3	40,10	39,70	40,10	250	250	VS	VS	2,10	7,80	1,70	7,20	8,00	8,00	7,80	2,50	2,50	2,50	2,50
Av. Santos Dumont	09/02/2022	V2	P2	40,10	39,50	41,50	400	400	VS	VS											

Rua Largo dos Quincas	07/02/2022	V4	P4	35,00				70	70	VS	VS	1,50	6,00	1,25	6,70	6,50			1,00	1,00		
Av. Gov. Waldir Pires	07/02/2022	V2	P2	33,90				400	400	VS	VS	5,30	7,00	9,10	7,70	8,00			2,50	2,50		
Av. do Ipiranga	07/02/2022	V4	P4	34,50				250	250	VS	VS	3,30	6,80	2,80	8,50	8,50			2,50	2,50		
Rua Leocádia	07/02/2022	V4	P4	36,50				250	250	VS	VS	3,00	6,80	2,60	7,60	7,90			1,77	1,77		
Av. Manoel Nunes dos Santos	07/02/2022	V4	P4	22,00				70	70	VS	VS	-	3,80	-	8,00	8,10			1,00	1,00		
Rua Bahia	07/02/2022	V4	P4	20,00				70	70	VS	VS	2,60	6,90	2,20	7,20	7,00			1,77	1,00		
Rua Minas Gerais	07/02/2022	V4	P4	32,00				250	250	VS	VS	2,50	6,90	2,50	7,30	7,50			1,77	1,77		
Rua Sergipe	07/02/2022	V4	P4	40,30				70	70	VS	VS	1,90	6,10	2,20	6,80	7,00			1,00	1,00		
Av. Mato Grosso	07/02/2022	V4	P4	28,70				70	70	VS	VS	1,60	6,20	1,60	8,00	8,00			2,50	2,50		
Av. Deolinda Martins	07/02/2022	V3	P3	46,00				250	250	VS	VS	1,50	9,50	1,70	7,60	8,00			2,90	2,90		
Av. Joaquim Chaves	07/02/2022	V3	P3	41,00				250	250	VS	ME	-	10,00	-	8,40	8,00			2,50	2,50		
Av. Vanessa Cardoso	07/02/2022	V3	P3	52,00				250	250	VS	VS	2,00	7,00	2,50	7,80	7,60			1,77	1,77		
Av. Sandoval Moraes	07/02/2022	V3	P3	39,60				250	250	VS	VS	1,70	6,00	2,20	7,30	7,30			2,50	2,50		
Av. Sandoval Moraes	07/02/2022	V3	P3	39,60				250	250	VS	VS	1,80	6,00	2,60	7,70	8,30			2,50	2,50		
Rua Pereira Donato	07/02/2022	V4	P4	42,00				250	250	VS	VS	2,50	9,20	2,20	7,60	8,00			1,77	1,77		
Rua Beija Flor	07/02/2022	V4	P4	45,00				70	70	VS	VS	2,28	7,00	2,10	7,40	8,30			1,77	1,77		
Rua Ary Pedro	07/02/2022	V4	P4	38,00				150	150	VS	VS	1,40	6,50	1,90	7,70	7,60			1,77	1,77		
Travessa Acelino Andrade	07/02/2022	V4	P4	35,90				70	70	VS	VS	0,96	5,40	0,80	8,20	7,00			1,00	1,00		
Rua Acelino Andrade	07/02/2022	V4	P4	70,00				250	250	VS	VS	1,60	5,00	1,50	7,60	8,10			1,77	1,77		
Parque da Cidade	08/02/2022	V4	P4	38,00				150	400	LD	VS	-	4,90	-	4,00	4,00			0,50	0,50		
Av. Santos Dumont	08/02/2022	V2	P2	40,00				150	400	LD	VS	2,50	13,20	3,50	8,00	8,12			2,50	2,50		
Av. Pres. Castelo Branco	08/02/2022	V3	P3	40,00				250	250	VS	VS	2,50	13,00	4,60	7,86	8,42			2,50	2,50		
Av. Nilo Coelho	08/02/2022	V2	P2	30,00				400	400	VS	VS	-	8,80	-	8,90	8,35			2,50	2,50		
Rua B	08/02/2022	V4	P4	36,00				70	70	VS	VS	0,80	5,80	1,20	6,70	5,60			1,00	1,00		
Rua C	08/02/2022	V4	P4	36,00				70	70	VS	VS	0,80	5,70	1,10	6,10	6,40			1,00	1,00		
Rua Djalma Mota	08/02/2022	V4	P4	31,00				250	250	VS	VS	2,30	7,50	4,60	6,50	7,00			1,77	1,77		
Av. Um	08/02/2022	V4	P4	30,00				150	250	LD	ME	-	6,60	-	4,80	4,80			1,77	1,77		
Rua B	08/02/2022	V4	P4	43,50				70	70	VS	VS	2,60	7,00	2,50	6,50	7,00			1,00	1,00		
Rua Edgar Teixeira	08/02/2022	V4	P4	40,00				150	150	VS	VS	1,30	6,50	2,00	7,72	7,50			1,77	1,77		
Rua Dr. José Humberto Nunes	08/02/2022	V3	P3	28,00				250	250	VS	VS	2,40	7,90	1,60	7,30	7,70			1,77	1,77		
Av. Barão do Rio Branco	08/02/2022	V2	P2	30,00				250	250	VS	VS	2,30	11,40	1,70	8,70	8,40			2,50	2,50		
Rua Estóquio da Costa	08/02/2022	V4	P4	45,00				70	70	VS	VS	2,50	7,10	2,35	7,25	7,90			1,00	1,77		
Rua Domingos Antonio Teixeira	08/02/2022	V4	P4	32,00				250	250	VS	VS	3,50	7,00	3,60	8,60	8,10			2,50	2,50		
Av. Pref. José Neves Teixeira	08/02/2022	V2	P2	52,00				250	250	VS	VS	2,00	14,00	2,00	8,50	8,50			1,77	1,77		
Av. Nilo Coelho	08/02/2022	V2	P2	30,00				400	400	VS	VS	-	8,80	-	8,90	8,35			2,50	2,50		
Av. Nilo Coelho	08/02/2022	V2	P2	30,00				400	400	VS	VS	-	8,80	-	8,90	8,35			2,50	2,50		
Rua João Nunes Dourado	08/02/2022	V4	P4	40,00				70	70	VS	VS	3,20	7,00	-	8,00	7,60			1,77	1,77		
Av. Juscelino Kubitschek	08/02/2022	V3	P3	29,00				250	250	VS	VS	-	8,30	3,30	7,20	8,70			1,77	1,77		
Rua Rogaciano Francisco de Moraes	09/02/2022	V4	P4	25,30				400	400	VS	VS	3,00	7,30	-	12,00	12,00			0,50	0,50		
Av. Pref. José Neves Teixeira	09/02/2022	V2	P2	20,30				250	250	VS	VS	3,30	7,80	6,40	7,70	7,50			1,77	1,77		
Av. Nilo Coelho	16/02/2022	V2	P2	31,00				400	400	VS	VS	-	12,00	-	8,80	9,00			2,50	2,50		
Rua B	16/02/2022	V4	P4	43,00				125	125	VS	VS	2,70	7,00	2,00	6,40	6,40			1,00	1,00		

Lagoa Real																					
Endereço	Data	Classes de Iluminação das Vias	Classes de Iluminação das Vias de Pedestres	Distância entre postes			Aderência ao Cadastro				Via			Altura de Montagem (m)				Projeção dos braços (m)			
				AB	BC	CD	Potência da Lâmpada (Campo)	Potência da Lâmpada (Cadastro)	Tipo (Campo)	Tipo (Cadastro)	Largura da Calçada do Ponto	Largura da Via	Largura da Calçada Oposta	A	B	C	D	A	B	C	D
Rua Monsenhor Bastos	11/02/2022	V2	P2	27,00			250	250	VS	VS	8,60	7,20	-	7,73	7,86			1,77	1,77		
Av. Real	11/02/2022	V3	P3	90,00	50,00	61,50	250	250	VS	VS	-	7,00	-	7,80	7,00	8,00	7,50	2,50	2,50	2,50	2,50
Av. Real	11/02/2022	V3	P3	36,00			250	250	VS	VS	-	7,00	-	7,40	7,90			2,50	2,50		
Tv. Zé Pinto	11/02/2022	V5	P4	45,00			100	100	LD	LD	-	5,20	-	7,30	7,90			1,77	1,77		
Av. 14 de Maio	11/02/2022	V5	P4	42,00	44,00		400	400	VS	VS	1,40	7,00	2,50	8,50	8,50	8,00		2,50	2,50	2,50	
N/I	11/02/2022	V5	P4	36,00			400	400	VS	VS	4,70	8,00	2,50	8,00	8,20			2,50	2,50		
Rua 6 de Agosto	11/02/2022	V5	P4	20,00	27,80	34,00	70	70	VS	VS	1,50	8,00	1,30	7,00	6,50	6,60	7,00	1,00	1,00	1,00	1,00
Rua 6 de Agosto	11/02/2022	V5	P4	33,00	35,00		70	70	VS	VS	1,50	8,00	1,30	7,00	7,00	7,00		1,00	1,00	1,00	
Rua Nelson Mariano	11/02/2022	V5	P4	40,00			400	400	VS	VS	1,40	7,00	1,80	8,30	7,34			2,50	2,50		
Av. Santa Maria	11/02/2022	V5	P4	37,00	20,00	22,00	70	70	VS	VS	1,20	7,50	1,80	6,40	6,50	6,00	6,35	1,00	1,00	1,00	1,00
Rua Belo Duca	11/02/2022	V5	P4	37,70			70	70	VS	VS	1,20	6,00	0,70	6,30	6,40			1,00	1,00		
Tv. São Pedro	11/02/2022	V5	P4	37,80	37,00	36,30	70	70	VS	VS	1,00	6,00	2,50	6,40	6,50	6,50	6,50	1,00	1,00	1,00	1,00
N/I	11/02/2022	V5	P4	34,20			70	70	VS	VS	1,60	5,10	1,00	6,20	6,20			1,00	1,00		
Av. 14 de Maio	11/02/2022	V4	P4	30,00	38,70	30,00	400	400	VS	VS	1,70	7,00	1,40	8,30	8,50	8,00	8,00	2,50	2,50	2,50	2,50
Av. Real	11/02/2022	V2	P2	40,00			70	70	VS	VS	1,30	7,00	2,00	6,75	8,30			1,00	2,50		
Tv São Pedro	11/02/2022	V5	P4	70,00			70	70	VS	VS	1,20	6,00	1,00	6,90	6,90			1,00	1,00		
N/I	11/02/2022	V5	P4	33,00			250	400	VS	VS	1,60	8,60	0,70	8,00	7,70			2,50	2,50		
Rua Senhor do Bonfi,	11/02/2022	V5	P4	38,10	38,00	37,70	70	70	VS	VS	1,80	6,00	1,00	7,00	7,00	7,00	7,00	1,00	1,00	1,00	1,00
BA-940	11/02/2022	V4	P3	28,00			70	70	VS	VS	1,70	8,00	1,50	6,00	6,20			1,00	1,00		
Rua 15 de Novembro	11/02/2022	V5	P4	44,50	45,60	43,70	70	70	VS	VS	2,20	6,00	1,70	6,30	6,20	6,10	6,30	1,00	1,00	1,00	1,00
Rua Belo Duca	11/02/2022	V4	P4	20,20			150	70	VS	VS	2,90	7,30	1,30	6,70	6,70			1,00	1,00		
Rua Belo Duca	11/02/2022	V4	P4	30,60	36,30	30,30	70	70	VS	VS	1,40	7,60	-	6,60	6,60	6,50	6,10	1,00	1,00	1,00	1,00
Rua Monsenhor Bastos	11/02/2022	V3	P3	35,00			400	400	VS	VS	1,30	7,30	1,30	8,30	8,40			2,50	2,50		
N/I	11/02/2022	V5	P4	23,00	32,50	33,40	70	70	VS	VS	1,00	4,50	1,00	6,80	6,50	6,70	6,70	1,00	1,00	1,00	1,00
Rua Zezé Cardoso	11/02/2022	V5	P4	15,00			70	70	VS	VS	1,90	5,50	1,30	6,70	6,50			1,00	1,00		
Rua Ciro de Moura Rocra	11/02/2022	V5	P4	40,00	35,80	45,00	70	70	VS	VS	1,50	7,00	1,60	7,00	7,00	6,70	6,00	1,00	1,00	1,00	1,00
Rua Ciro de Moura Rocra	11/02/2022	V5	P4	36,10	44,90	37,00	70	70	VS	VS	1,30	6,90	1,50	6,70	6,50	5,90	6,40	1,00	1,00	1,00	1,00
Rua Ciro de Moura Rocra	11/02/2022	V5	P4	36,80	37,20		70	70	VS	VS	1,60	6,90	1,50	6,00	6,00	6,20		1,00	1,00	1,00	
Av. Real	11/02/2022	V3	P3	38,50			70	70	VS	VS	2,00	7,80	2,10	5,70	6,00			1,00	1,00		
Rua Dr. Osvaldo Rodrigues	11/02/2022	V5	P4	42,40			100	70	VS	VS	0,90	7,90	1,80	6,20	6,20			1,00	1,00		
Rua Belo Duca	11/02/2022	V5	P4	47,00			250	400	VS	VS	1,40	7,00	1,50	8,00	8,00			2,50	2,50		
Av. 14 de Maio	11/02/2022	V3	P3	30,80			250	70	VS	VS	1,20	8,00	1,20	8,50	8,50			2,50	2,50		
Rua Nelson Mariano	11/02/2022	V5	P4	38,60			70	70	VS	VS	1,10	6,00	-	6,50	6,50			1,00	1,00		
Rua Nelson Mariano	11/02/2022	V5	P4	41,40			70	70	VS	VS	1,60	6,00	1,70	6,80	6,80			1,00	1,00		
Rua Dois de Julho	11/02/2022	V5	P4	39,90			150	70	VS	VS	1,30	6,90	1,40	7,90	7,70			2,50	2,50		
Av. Santa Maria	11/02/2022	V5	P4	34,80			70	70	VS	VS	2,70	8,00	3,00	7,90	6,80			1,00	1,00		
Av. 14 de Maio	11/02/2022	V3	P3	61,40			70	70	VS	VS	3,20	6,90	-	7,50	7,40			1,77	1,77		
Rua Luiz Pereira de Aguiar	11/02/2022	V5	P4	50,40			70	70	VS	VS	1,20	5,00	1,20	7,00	6,80			1,00	1,00		
Rua Sr. do Bonfim	11/02/2022	V5	P4	38,50			70	70	VS	VS	1,20	4,90	0,80	7,00	6,20			1,00	1,00		
Monsenhor Bastos - UBS	14/02/2022	V5	P4	50,50	38,50	42,90	70	70	VS	VS	1,70	6,10	1,80	7,20	6,80	7,00	6,80	1,00	1,00	1,00	1,00
Monsenhor Bastos - UBS	14/02/2022	V5	P4	36,70	37,00		70	70	VS	VS	1,70	6,10	1,80	5,50	5,80	6,00		1,00	1,00	1,00	
Monsenhor Bastos, atrás da Igreja - rua	14/02/2022	V5	P4	26,50	36,50	36,00	70	70	VS	VS	-	3,50	-	5,60	5,50	5,70	5,50	1,00	1,00	1,00	1,00
Parque do Lago (calçada)	11/02/2022	V5	P4	27,88	26,80		150	150	VM	VM	1,80	3,00	1,80	7,10	7,00	7,20		1,00	1,00	1,00	
Tv. Santa Terezinha	11/02/2022	V5	P4	43,20	31,00	43,00	250	250	VS	VS	1,20	7,80	1,50	7,70	7,50	8,50	8,50	2,50	2,50	2,50	2,50
Rua Alto da Lagoa	11/02/2022	V5	P4	39,90	37,40		70	70	VS	VS	0,90	6,20	1,10	6,80	7,00	6,90		1,00	1,00	1,00	
Tv. Florinda Gomes	11/02/2022	V5	P4	41,00	46,20		70	70	VS	VS	1,00	6,50	-	7,00	7,10	7,00		1,00	1,00	1,00	

ANEXO 4 – CLASSES DE ILUMINÂNCIA – PREFEITURAS MUNICIPAIS

ANEXO 4 – CLASSES DE ILUMINÂNCIA – PREFEITURAS MUNICIPAIS
Guanambi

Logradouro	Bairro	CLASSIFICAÇÃO VIÁRIA (CTB)	CLASSIFICAÇÃO VIAS DE VEÍCULOS (NBR 5101)	CLASSIFICAÇÃO VIAS DE PEDESTRES (NBR 5101)	FLUXO DE VEÍCULOS	FLUXO DE PEDESTRES
Avenida Governador Waldir Pires	Adjacente	Arterial	V2	P2	Moderado	Intenso
Avenida Governador Waldir Pires	Alvorada	Coletora	V2	P2	Intenso	Intenso
Avenida Vereador Vá Donato	B.N.H.	Arterial	V2	P3	Moderado	Moderado
Avenida Governador Nilo Coelho	Belo Horizonte	Arterial	V2	P2	Intenso	Intenso
Avenida Governador Waldir Pires	Candeal	Arterial	V2	P2	Moderado	Intenso
Avenida Otávio Mangabeira	Centro	Arterial	V2	P2	Intenso	Intenso
Avenida Senador Nilo Coelho	Centro	Coletora	V2	P2	Intenso	Intenso
Rua 1 de Maio	Centro	Coletora	V2	P2	Intenso	Intenso
Avenida Governador Nilo Coelho	Centro Industrial	Arterial	V2	P2	Intenso	Intenso
Avenida Governador Nilo Coelho	Dr. Beneval Boa Sorte	Arterial	V2	P2	Intenso	Intenso
Avenida José Neves Teixeira	Ipanema	Arterial	V2	P2	Intenso	Intenso
Avenida Governador Nilo Coelho	Ipiranga	Arterial	V2	P2	Intenso	Intenso
Avenida Governador Waldir Pires	Ipiranga	Arterial	V2	P2	Moderado	Intenso
Avenida Governador Waldir Pires	Lagoinha	Arterial	V2	P2	Moderado	Intenso
Avenida Santos Dumont	Loteamento Municipal	Arterial	V2	P2	Intenso	Intenso
Avenida Otávio Mangabeira	Lotm Morada Nova	Arterial	V2	P2	Intenso	Intenso
Avenida Sandoval Moraes	Maria Bastos	Coletora	V2	P2	Intenso	Intenso
Avenida Governador Nilo Coelho	N Sra das Gracas	Arterial	V2	P2	Intenso	Intenso
Avenida Governador Nilo Coelho	Novo Horizonte	Arterial	V2	P2	Intenso	Intenso
Avenida Governador Nilo Coelho	Nuc H B C B Sorte	Arterial	V2	P2	Intenso	Intenso
Avenida Governador Nilo Coelho	Paraíso	Arterial	V2	P2	Intenso	Intenso
Avenida José Neves Teixeira	Paraíso	Arterial	V2	P2	Intenso	Intenso
Avenida Governador Nilo Coelho	Prado	Arterial	V2	P2	Intenso	Intenso
Avenida Santos Dumont	São Félix	Arterial	V2	P2	Intenso	Intenso
Avenida Governador Nilo Coelho	São Francisco	Arterial	V2	P2	Intenso	Intenso
Avenida Avenida Barão do Rio Branco	São Francisco	Arterial	V2	P2	Intenso	Intenso
Avenida Governador Nilo Coelho	São José	Arterial	V2	P2	Intenso	Intenso
Avenida Governador Nilo Coelho	São Sebastião	Arterial	V2	P2	Intenso	Intenso
Avenida Governador Nilo Coelho	Vomitamel	Arterial	V2	P2	Intenso	Intenso
Avenida Santos Dumont	Vomitamel	Arterial	V2	P2	Intenso	Intenso
Rua Benvindo Dias	Alvorada	Coletora	V3	P3	Moderado	Moderado
Avenida Mato Grosso do Sul	Alto Caicara	Coletora	V3	P2	Moderado	Intenso
Avenida Deputado Hidevaldo Alves Boa Sorte	Alto Caicara	Coletora	V3	P2	Moderado	Intenso
Rua Wilson Pereira dos Santos	B.N.H.	Coletora	V3	P3	Moderado	Moderado
Rua 19	B.N.H.	Coletora	V3	P3	Moderado	Moderado
Avenida José Vieira Costa	B.N.H.	Coletora	V3	P2	Moderado	Intenso
Avenida Pollyana Torres de Matos	B.N.H.	Coletora	V3	P2	Moderado	Intenso
Av. Dr. Asdrubal da Silva Meira	Beija Flor I	Coletora	V3	P2	Moderado	Intenso
Rua A	Betel	Coletora	V3	P3	Moderado	Moderado
Avenida Sandoval Moraes	Brindes	Coletora	V3	P3	Moderado	Moderado
Avenida Guanabara	Centro	Coletora	V3	P3	Moderado	Moderado
Avenida Castelo Branco	Centro	Coletora	V3	P3	Moderado	Moderado
Rua 13 de Maio	Centro	Coletora	V3	P3	Moderado	Moderado
Trevo 10 Novembro	Centro	Coletora	V3	P4	Moderado	Leve
Avenida Vanessa Cardoso Cardoso de Lira	Ipanema	Coletora	V3	P3	Moderado	Moderado
Rua 1	Loteamento Maria de Fátima	Coletora	V3	P4	Moderado	Leve
Avenida Castelo Branco	Loteamento Municipal	Coletora	V3	P3	Moderado	Moderado
Avenida Deolinda Martins	Maria Bastos	Coletora	V3	P2	Moderado	Intenso
Rua Graça Aranha	Santo Antonio	Coletora	V3	P3	Moderado	Moderado
Avenida Guanabara	São Francisco	Coletora	V3	P3	Moderado	Moderado
Avenida Deolinda Martins	Stº Antonio	Coletora	V3	P3	Moderado	Moderado
Rua João Cotrim	Adjacente	Local	V4	P4	Leve	Leve
Rua Solange Nascimento Ceará	Adjacente	Local	V4	P4	Leve	Leve
Rua Raimundo José Freire	Adjacente	Local	V4	P4	Leve	Leve
Travessa Raimundo José Freire	Adjacente	Local	V4	P4	Leve	Leve
Rua João Pompílio de Abreu	Aeroporto Velho	Local	V4	P4	Leve	Leve
Rua Afonso Pena	Aeroporto Velho	Local	V4	P4	Leve	Leve
Rua Henrique Dias	Aeroporto Velho	Local	V4	P4	Leve	Leve
Rua Lauro Freitas	Aeroporto Velho	Local	V4	P4	Leve	Leve
Rua Mário Teixeira	Aeroporto Velho	Local	V4	P4	Leve	Leve
Rua Paraguassú	Aeroporto Velho	Local	V4	P4	Leve	Leve
Prudente de Moraes	Aeroporto Velho	Local	V4	P4	Leve	Leve
Travessa Teixeira de Freitas	Aeroporto Velho	Local	V4	P4	Leve	Leve
Rua Teixeira de Freitas	Aeroporto Velho	Local	V4	P4	Leve	Leve
Rua Tomé de Souza	Aeroporto Velho	Local	V4	P4	Leve	Leve
Rua Eunir Fagundes	Alto Caicara	Local	V4	P4	Leve	Leve
Rua Joaquim Lima	Alto Caicara	Local	V4	P4	Leve	Leve
Rua Seis	Alto Caicara	Local	V4	P4	Leve	Leve

Rua 16	Alto Caicara	Local	V4	P4	Leve	Leve
Rua 17	Alto Caicara	Local	V4	P4	Leve	Leve
Rua Jucelino Pereira Donato	Alto Caicara	Local	V4	P4	Leve	Leve
Rua 12	Alto Caiçara	Local	V4	P3	Moderado	Moderado
Avenida Petronio Portela	Alvorada	Coletora	V3	P3	Intenso	Intenso
Avenida Durval de Souza Lima	Alvorada	Coletora	V3	P3	Intenso	Intenso
Rua Alcebiades Pereira Costa	Alvorada	Local	V4	P4	Leve	Leve
Rua Elísio José da Silva	Alvorada	Local	V4	P4	Leve	Leve
Praça João Pitor	Alvorada	Local	V4	P4	Leve	Leve
Praça dos Namorados	Alvorada	Local	V4	P4	Leve	Leve
Rua Manoel Cotrim	Alvorada	Local	V4	P4	Leve	Leve
Rua Maria da Glória Bezerra	Alvorada	Local	V4	P4	Leve	Leve
Rua Palmira Cardoso	Alvorada	Local	V4	P4	Leve	Leve
Avenida Petrônio Portela	Alvorada	Local	V4	P4	Leve	Leve
Rua Atilio Casemiro Castro	Alvorada	Local	V4	P4	Leve	Leve
Rua A	Amambai	Local	V4	P4	Leve	Leve
Rua B	Amambai	Local	V4	P4	Leve	Leve
Rua C	Amambai	Local	V4	P4	Leve	Leve
Rua D	Amambai	Local	V4	P4	Leve	Leve
Rua E	Amambai	Local	V4	P4	Leve	Leve
Rua F	Amambai	Local	V4	P4	Leve	Leve
Rua G	Amambai	Local	V4	P4	Leve	Leve
Rua H	Amambai	Local	V4	P4	Leve	Leve
Rua Filogonio Baleeiro	Ampliação Alto Caicara	Local	V4	P4	Leve	Leve
Rua Maria do Carmo Donato Teixeira	Ampliação Alto Caicara	Local	V4	P4	Leve	Leve
Rua Sergipe	Ampliação Alto Caicara	Local	V4	P4	Leve	Leve
Avenida Mato Grosso do Sul	Ampliação Alto Caicara	Local	V4	P4	Leve	Leve
Rua Sebastião Boa Sorte	Araújo	Local	V4	P4	Leve	Leve
Rua Adevaldo Araújo	Araújo	Local	V4	P4	Leve	Leve
Rua Alfredo Boa Sorte	Araújo	Local	V4	P4	Leve	Leve
Rua Antônio Teixeira Firmo	Araújo	Local	V4	P4	Leve	Leve
Rua Araújo	Araújo	Local	V4	P4	Leve	Leve
Rua Francisco M. Dantas	Araújo	Local	V4	P4	Leve	Leve
Rua Juvencia R.	Araújo	Local	V4	P4	Leve	Leve
Rua Tamandaré	Araújo	Local	V4	P4	Leve	Leve
Avenida Tiradentes	Araújo	Local	V4	P4	Leve	Leve
Rua Lindolfo F. Fagundes	Araújo	Local	V4	P4	Leve	Leve
Rua Tamandaré	Araújo	Local	V4	P4	Leve	Leve
Rua Tiradentes	Araújo	Local	V4	P4	Leve	Leve
Travessa Lindolfo Fagundes	Araújo	Local	V4	P4	Leve	Leve
Travessa Tamandaré	Araújo	Local	V4	P4	Leve	Leve
Rua Eunir Fagundes	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Antônio Rodrigues	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Jesulino Pereira Donato	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Maxuel do Nascimento Pereira	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Afonso Mendes	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Cândida Xavier dos Santos	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua José Batista de Araújo	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Maria Simone Reis	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Inácio Benedito Santos	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Antônio Medeiros da Silva	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Nicolau Fiúza da Silva	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua 12	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua José Reinaldo Batista	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Genésio Pinto Paudarco	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Irmã Leonidia Polgagni	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Aldemar Paudarco da Silva	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua 18	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua José Crisostomo de Castro	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Mateus de Souza Guimarães	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Vereador Adão de Souza Oliveira	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Joaquim Lima	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Rio Grande do Sul	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Rio Grande do Norte	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Goiás	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Minas Gerais	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Rio Grande do Norte	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua José Maria Texeira	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Jesulino Pereira Donato	Alto Caiçara	Local	V4	P4	Leve	Leve
Rua Joaquim Fogaça Pereira	B.N.H.	Local	V4	P4	Leve	Leve
Rua 1	B.N.H.	Local	V4	P4	Leve	Leve
Rua Ângelo Pereira da Silva	B.N.H.	Local	V4	P4	Leve	Leve
Rua 3	B.N.H.	Local	V4	P4	Leve	Leve

Rua 4	B.N.H.	Local	V4	P4	Leve	Leve
Rua Maria de Lourdes Pereira da Silva	B.N.H.	Local	V4	P4	Leve	Leve
Rua José Manuel dos Santos	B.N.H.	Local	V4	P4	Leve	Leve
Rua José Antônio da Mota	B.N.H.	Local	V4	P4	Leve	Leve
Travessa 7	B.N.H.	Local	V4	P4	Leve	Leve
Rua Leonidia Maria Paes	B.N.H.	Local	V4	P4	Leve	Leve
Rua Rogério Alves Texeira	B.N.H.	Local	V4	P4	Leve	Leve
Rua 11	B.N.H.	Local	V4	P4	Leve	Leve
Rua 12	B.N.H.	Local	V4	P4	Leve	Leve
Rua Joaquim Fogaça Pereira	B.N.H.	Local	V4	P4	Leve	Leve
Rua 14	B.N.H.	Local	V4	P4	Leve	Leve
Rua Ailton Marques Pereira	B.N.H.	Local	V4	P4	Leve	Leve
Rua Maria do Carmo Borges	B.N.H.	Local	V4	P4	Leve	Leve
Rua 17	B.N.H.	Local	V4	P4	Leve	Leve
Rua 18	B.N.H.	Local	V4	P4	Leve	Leve
Rua Santo Augustinho	Beija Flor I	Local	V4	P4	Leve	Leve
Rua São Pedro	Beija Flor I	Local	V4	P4	Leve	Leve
Rua São José	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Deomídio Neves de Macedo Filho	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Bezerra de Menezes	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Emanuel	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Saul Quadros	Beija Flor I	Local	V4	P4	Leve	Leve
Rua José Francisco Marqueline Nunes	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Chico Mendes	Beija Flor I	Local	V4	P4	Leve	Leve
Rua José Neves Teixeira	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Monteiro Lobato	Beija Flor I	Coletora	V4	P3	Leve	Moderado
Rua André Luiz	Beija Flor I	Coletora	V4	P3	Leve	Moderado
Rua Djalma Mota Argolo	Beija Flor I	Coletora	V4	P3	Leve	Moderado
Rua Francisco Cândido Xavier	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Martinho Nascimento	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Djalma Motta Argolo	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Divaldo Pereira Franco	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Memei	Beija Flor I	Coletora	V4	P3	Leve	Moderado
Rua Allan Kardec	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Luiz Sérgio	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Edgar Espinola Texeira	Beija Flor I	Local	V4	P4	Leve	Leve
Praça Alvaro dos Santos Moreira "Lolozinho"	Beija Flor I	Local	V4	P4	Leve	Leve
Rua Diego dos Santos Barbosa	Beija Flor II	Local	V4	P4	Leve	Leve
Rua Dayane Pereira Lima	Beija Flor II	Local	V4	P4	Leve	Leve
Rua 3	Beija Flor II	Local	V4	P4	Leve	Leve
Rua 4	Beija Flor II	Local	V4	P4	Leve	Leve
Rua 5	Beija Flor II	Local	V4	P4	Leve	Leve
Rua Roberto Joege Hohenfeld Angelini	Beija Flor II	Local	V4	P4	Leve	Leve
Rua Armindo de Souza Oliveira	Beija Flor II	Local	V4	P4	Leve	Leve
Rua Armando Pinto Paudarco	Beija Flor II	Local	V4	P4	Leve	Leve
Rua Mauro Alves Lessa	Beija Flor II	Local	V4	P4	Leve	Leve
Rua Dalva Lima dos Santos	Beija Flor II	Local	V4	P4	Leve	Leve
Rua Antônio da Silva	Beija Flor II	Local	V4	P4	Leve	Leve
Rua 12	Beija Flor II	Coletora	V4	P3	Leve	Moderado
Rua Manoel Macário Pereira Nascimento	Beija Flor II	Coletora	V4	P3	Leve	Moderado
Rua Donato Pereira Nascimento	Beija Flor II	Coletora	V4	P3	Leve	Moderado
Rua 16	Beija Flor II	Local	V4	P4	Leve	Leve
Praça Juvencio Ribeiro Silva	Beija Flor II	Local	V4	P3	Moderado	Moderado
Rua Brasília	Bela Vista	Local	V4	P4	Leve	Leve
Rua Santa Catarina	Bela Vista	Local	V4	P4	Leve	Leve
Rua Heitor Dias	Bela Vista	Local	V4	P4	Leve	Leve
Rua Juarez Távora	Bela Vista	Local	V4	P4	Leve	Leve
Rua Otávio Mangabeira	Bela Vista	Local	V4	P4	Leve	Leve
Rua Paulo VI	Bela Vista	Local	V4	P4	Leve	Leve
Rua Pedro Calmon	Bela Vista	Local	V4	P4	Leve	Leve
Rua Porto Seguro	Bela Vista	Local	V4	P4	Leve	Leve
Rua Portugal	Bela Vista	Local	V4	P4	Leve	Leve
Rua Presidente Costa e Silva	Bela Vista	Local	V4	P4	Leve	Leve
Rua Princesa Isabel	Bela Vista	Local	V4	P4	Leve	Leve
Rua Sinésio Bastos	Bela Vista	Local	V4	P4	Leve	Leve
Rua Projetada	Bela Vista	Local	V4	P4	Leve	Leve
Travessa Buenos Aires	Bela Vista	Local	V4	P4	Leve	Leve
Avenida Sebastião Moreira de Almeida	Belo Horizonte	Local	V4	P4	Leve	Leve
Avenida Pedro Bráz Santos	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Leonor Pereira de Oliveira	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Sabino Aurelino Cotrim	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Iracy Pereira de Oliveira	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Ezequiel Francisco de Oliveira	Belo Horizonte	Local	V4	P4	Leve	Leve

Rua Augusta Pereira de Oliveira	Belo Horizonte	Local	V4	P4	Leve	Leve
Suedinei de Almeida Oliveira	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua H	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Galdino de Souza Viana	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua J	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua K	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua L	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua M	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua N	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Aureliano José Cotrim	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua P	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Q	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Isac Pereira dos Santos	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua S	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua T	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Sergipe	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Maria Joaquina	Belo Horizonte	Local	V4	P4	Leve	Leve
Aeroporto Isaac Moura Rocha	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua A - Belo Horizonte	Belo Horizonte	Local	V4	P4	Leve	Leve
Rodovia BR 030	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua C	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua D	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua E	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Etenondas Pereira Donato	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua G	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Q	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua Vivi C Donato - Belo Horizonte	Belo Horizonte	Local	V4	P4	Leve	Leve
Rua 1	Betel	Coletora	V4	P4	Leve	Leve
Rua Saldanha	Bom Jesus	Local	V4	P4	Leve	Leve
Rua São Pedro	Bom Jesus	Local	V4	P4	Leve	Leve
Travessa Vicente de Paula	Bom Jesus	Local	V4	P4	Leve	Leve
Travessa Pedro Calmon	Bom Jesus	Local	V4	P3	Moderado	Moderado
Avenida Dr. José Humberto Nunes	Bom Jesus	Coletora	V4	P4	Leve	Leve
Rua Brasília	Bom Jesus	Local	V4	P4	Leve	Leve
Rua Vicente de Paula	Bom Jesus	Local	V4	P4	Leve	Leve
Rua Regis Pacheco	Bom Jesus	Local	V4	P4	Leve	Leve
Rua Jonas Rodrigues	Bom Jesus	Local	V4	P4	Leve	Leve
Rua Anísio Texeira	Bom Jesus	Local	V4	P4	Leve	Leve
Rua Otávio Mangabeira	Bom Jesus	Local	V4	P4	Leve	Leve
Rua Heitor Dias	Bom Jesus	Local	V4	P4	Leve	Leve
Rua Carijós	Bom Jesus	Local	V4	P4	Leve	Leve
Rua General Cordeiro Farias	Bom Jesus	Local	V4	P4	Leve	Leve
Rua Pedro Calmon	Bom Jesus	Local	V4	P4	Leve	Leve
Avenida Mato Grosso	Brasília	Local	V4	P4	Leve	Leve
Rua Pará	Brasília	Local	V4	P4	Leve	Leve
Rua Sergipe	Brasília	Local	V4	P4	Leve	Leve
Rua Jorge Paud'arco	Brasília	Local	V4	P4	Leve	Leve
Avenida José Neves Teixeira	Brasília	Local	V4	P4	Leve	Leve
Rua Ceará	Brasília	Local	V4	P4	Leve	Leve
Rua Filogonio Baleeiro	Brasília	Local	V4	P4	Leve	Leve
Rua Paraná	Brasília	Local	V4	P4	Leve	Leve
Rua Rio Grande do Norte	Brasília	Local	V4	P4	Leve	Leve
Rua Rio Grande do Sul	Brasília	Local	V4	P4	Leve	Leve
Avenida Bahia	Brasília	Local	V4	P4	Leve	Leve
Rua Joaquim Lima	Brasília	Local	V4	P4	Leve	Leve
Rua Maranhão	Brasília	Local	V4	P4	Leve	Leve
Rua Minas Gerais	Brasília	Local	V4	P4	Leve	Leve
Rua Paraíba	Brasília	Local	V4	P4	Leve	Leve
Rua Piauí	Brasília	Local	V4	P4	Leve	Leve
Avenida Prefeito José Neves Teixeira	Brasília	Local	V4	P4	Leve	Leve
Rua Rio Grande do Norte	Brasília	Local	V4	P4	Leve	Leve
Rua Rio Grande do Sul	Brasília	Local	V4	P4	Leve	Leve
Rua Joaquim Lima	Brasília	Local	V4	P4	Leve	Leve
Rua Jucelino Gomes Cardoso	Brindes	Local	V4	P4	Leve	Leve
Avenida A	Brindes	Local	V4	P4	Leve	Leve
Rua Camerindo Pereira Costa	Brindes	Local	V4	P4	Leve	Leve
Avenida Doutor Sandoval Moraes	Brindes	Local	V4	P4	Leve	Leve
Rua José Pereira Donato	Brindes	Local	V4	P4	Leve	Leve
Rua Juscelino Gomes Cardoso	Brindes	Local	V4	P4	Leve	Leve
Rua Manoel Botelho T da Silva	Brindes	Local	V4	P4	Leve	Leve
Avenida Nilo Coelho	Brindes	Local	V4	P4	Leve	Leve
Rua Otacilio Lopes	Brindes	Local	V4	P4	Leve	Leve
Avenida Paulo C Carvalho	Brindes	Local	V4	P4	Leve	Leve

Rua Tomaz Gonzaga	C	Local	V4	P4	Leve	Leve
Rua Dois - Caiçara	Caicara	Local	V4	P4	Leve	Leve
Rua Dois-Caicara	Caicara	Local	V4	P4	Leve	Leve
Rua José de Deus Pereira	Caicara	Local	V4	P4	Leve	Leve
Rua C	Candeal	Local	V4	P4	Leve	Leve
Rua Lindolfo Fagundes	Candeal	Local	V4	P4	Leve	Leve
Travessa João Cardoso	Casa	Local	V4	P4	Leve	Leve
Rua Tiradentes	Casa Nova	Local	V4	P4	Leve	Leve
Praça Jacinto Lobo	Centro	Local	V4	P4	Leve	Leve
Avenida Avenida Barão do Rio Branco	Centro	Arterial	V2	P2	Intenso	Moderado
Travessa 13 Maio	Centro	Local	V4	P3	Moderado	Moderado
Rua 2 de Julho	Centro	Local	V4	P4	Moderado	Leve
Rua 10 Novembro	Centro	Local	V4	P4	Leve	Leve
Rua 15 de Novembro	Centro	Local	V4	P4	Leve	Leve
Rua 2 de Julho N 34	Centro	Local	V4	P4	Leve	Leve
Rua 2 de Julho	Centro	Local	V4	P4	Leve	Leve
Praça 3 Getúlio Vargas	Centro	Local	V4	P4	Leve	Leve
Rua 3 Henrique Dias	Centro	Local	V4	P4	Leve	Leve
Praça 3 Jacinto Lobo	Centro	Local	V4	P4	Leve	Leve
Rua 3 Otávio Mangabeira	Centro	Local	V4	P4	Leve	Leve
Avenida 3 Santos Dumont	Centro	Local	V4	P4	Leve	Leve
Rua 3 Tomaz Antônio Gonzaga	Centro	Local	V4	P4	Leve	Leve
Avenida Senador Nilo Coelho, 360	Centro	Local	V4	P4	Leve	Leve
Avenida Barão do Rio Branco	Centro	Local	V4	P4	Leve	Leve
Praça Cajaiba	Centro	Local	V4	P4	Leve	Leve
Rua Camerino Neves	Centro	Local	V4	P4	Leve	Leve
Rua Casimiro de Abreu	Centro	Local	V4	P4	Leve	Leve
Rua Cassimiro Abreu	Centro	Local	V4	P4	Leve	Leve
Rua Catarina	Centro	Local	V4	P4	Leve	Leve
Travessa Cincinato Fernandes	Centro	Local	V4	P4	Leve	Leve
Praça Coronel Cajaiba	Centro	Local	V4	P4	Leve	Leve
Travessa Coronel Cajaiba	Centro	Local	V4	P4	Leve	Leve
Praça Coronel Pedro F de Moraes	Centro	Local	V4	P4	Leve	Leve
Rua Coronel Pedro Francisco Moraes	Centro	Local	V4	P4	Leve	Leve
Praça Coronel Pedro Francisco de Moraes	Centro	Local	V4	P4	Leve	Leve
Rua Coronel Zequinha	Centro	Local	V4	P4	Leve	Leve
Rua D Pedro II	Centro	Local	V4	P4	Leve	Leve
Rua Dez Novembro	Centro	Local	V4	P4	Leve	Leve
Rua Dois de Julho	Centro	Local	V4	P4	Leve	Leve
Rua Doutor Francisco José Fernandes	Centro	Local	V4	P4	Leve	Leve
Rua Doutor J J Seabra	Centro	Local	V4	P4	Leve	Leve
Rua Doutor Joaquim Manoel	Centro	Local	V4	P4	Leve	Leve
Travessa Doutor Joaquim Manoel	Centro	Local	V4	P4	Leve	Leve
Rua Doutor José Humberto Nunes	Centro	Local	V4	P4	Leve	Leve
Rua Duque de Caxias	Centro	Local	V4	P4	Leve	Leve
Travessa Edvarde de Castro Costa	Centro	Local	V4	P4	Leve	Leve
Travessa Edvards Castro Costa	Centro	Local	V4	P4	Leve	Leve
Rua Elvecio Martins	Centro	Local	V4	P4	Leve	Leve
Travessa Euclides Cunha	Centro	Local	V4	P4	Leve	Leve
Rua Expedicionarios	Centro	Local	V4	P4	Leve	Leve
Rua Francisco José Fernandes	Centro	Local	V4	P4	Leve	Leve
Praça Gercino Coelho	Centro	Local	V4	P4	Leve	Leve
Praça Gersino Coelho	Centro	Local	V4	P4	Leve	Leve
Praça Getúlio Vargas	Centro	Local	V4	P4	Leve	Leve
Rua Goiânia	Centro	Local	V4	P4	Leve	Leve
Rua Gustavo Bezerra	Centro	Local	V4	P4	Leve	Leve
Rua Henrique Dias	Centro	Local	V4	P4	Leve	Leve
Praça Henrique Pereira Donato	Centro	Local	V4	P4	Leve	Leve
Avenida Humberto Alencar Castelo Branco	Centro	Local	V4	P4	Leve	Leve
Rua Humberto de Campos 270 A 290	Centro	Local	V4	P4	Leve	Leve
Rua Humberto de Campos	Centro	Local	V4	P4	Leve	Leve
Travessa Humberto de Campos	Centro	Local	V4	P4	Leve	Leve
Rua I de Maio	Centro	Local	V4	P4	Leve	Leve
Travessa Independência	Centro	Local	V4	P4	Leve	Leve
Rua J J Seabra	Centro	Local	V4	P4	Leve	Leve
Praça Jacinto Lobo Mercadfo Municipal Pab	Centro	Local	V4	P4	Leve	Leve
Praça Jacinto Lobo	Centro	Local	V4	P4	Leve	Leve
Rua Jacinto Lobo	Centro	Local	V4	P4	Leve	Leve
Rua Joana Angelica	Centro	Local	V4	P4	Leve	Leve
Rua Joaquim José Seabra	Centro	Local	V4	P4	Leve	Leve
Travessa Joaquim Lessa	Centro	Local	V4	P4	Leve	Leve
Rua Joaquim Manoel	Centro	Local	V4	P4	Leve	Leve
Travessa Joaquim Manoel	Centro	Local	V4	P4	Leve	Leve

Travessa Joaquim Manoel	Centro	Local	V4	P4	Leve	Leve
Rua José Fernandes	Centro	Local	V4	P4	Leve	Leve
Praça José Ferreira	Centro	Local	V4	P4	Leve	Leve
Rua José Ferreira	Centro	Local	V4	P4	Leve	Leve
Travessa José Ferreira	Centro	Local	V4	P4	Leve	Leve
Rua José Vieira Costa	Centro	Local	V4	P4	Leve	Leve
Travessa Liberdade	Centro	Local	V4	P4	Leve	Leve
Praça Manoel Novaes	Centro	Local	V4	P4	Leve	Leve
Praça Manoel Novais	Centro	Local	V4	P4	Leve	Leve
Rua Manoel Vitorino	Centro	Local	V4	P4	Leve	Leve
Rua Marcílio Dias	Centro	Local	V4	P4	Leve	Leve
Rua Maria Quitéria	Centro	Local	V4	P4	Leve	Leve
Rua Maria Regina Cardoso	Centro	Local	V4	P4	Leve	Leve
Rua Mário Teixeira	Centro	Local	V4	P4	Leve	Leve
Avenida Nilo Coelho	Centro	Local	V4	P4	Leve	Leve
Rua Olavo Bilac	Centro	Local	V4	P4	Leve	Leve
Praça Osvaldo Cruz	Centro	Local	V4	P4	Leve	Leve
Rua Osório	Centro	Local	V4	P4	Leve	Leve
Rua Otávio Mangabeira	Centro	Local	V4	P4	Leve	Leve
Rua Padre Liberato S/N Morrinhos	Centro	Local	V4	P4	Leve	Leve
Rua Pedro Francisco Moraes	Centro	Local	V4	P4	Leve	Leve
Praça Getúlio Vargas, 312	Centro	Local	V4	P4	Leve	Leve
Praça Praça Jacinto	Centro	Local	V4	P4	Leve	Leve
Praça Praça do Mercado Municipal Pavilhão	Centro	Local	V4	P4	Leve	Leve
Rua Primeiro Maio	Centro	Local	V4	P4	Leve	Leve
Rua Quinze Novembro	Centro	Local	V4	P4	Leve	Leve
Rua Riachuelo	Centro	Local	V4	P4	Leve	Leve
Rua Rio de Janeiro 65	Centro	Local	V4	P4	Leve	Leve
Rua Rio de Janeiro	Centro	Local	V4	P4	Leve	Leve
Rua Rua Cel Zequinha	Centro	Local	V4	P4	Leve	Leve
Rua Rui Barbosa	Centro	Local	V4	P4	Leve	Leve
Rua Santa Catarina	Centro	Local	V4	P4	Leve	Leve
Rua Santa Cruz	Centro	Local	V4	P4	Leve	Leve
Rua Santo Antônio	Centro	Local	V4	P4	Leve	Leve
Rua Satiro Dias	Centro	Local	V4	P4	Leve	Leve
Rua Sete Setembro	Centro	Local	V4	P4	Leve	Leve
Rua Silva Jardim	Centro	Local	V4	P4	Leve	Leve
Travessa Silva Jardim	Centro	Local	V4	P4	Leve	Leve
Rua Simões Filho	Centro	Local	V4	P4	Leve	Leve
Travessa São Paulo	Centro	Local	V4	P4	Leve	Leve
Praça Tancredo Neves	Centro	Local	V4	P4	Leve	Leve
Rua Teixeira de Freitas	Centro	Local	V4	P4	Leve	Leve
Rua Thomaz Gonzaga	Centro	Local	V4	P4	Leve	Leve
Travessa Thomaz Gonzaga	Centro	Local	V4	P4	Leve	Leve
Avenida Tiradentes	Centro	Local	V4	P4	Leve	Leve
Rua Tiradentes	Centro	Local	V4	P4	Leve	Leve
Rua Tomaz Antônio de Gonzaga	Centro	Local	V4	P4	Leve	Leve
Travessa Travessa da Concórdia	Centro	Local	V4	P4	Leve	Leve
Beco Travs Coronel Cajaiba	Centro	Local	V4	P4	Leve	Leve
Rua Ulpiano Amaral	Centro	Local	V4	P4	Leve	Leve
Rua Vasco Gama	Centro	Local	V4	P4	Leve	Leve
Travessa Vereador Edvard de Castro Costa	Centro	Local	V4	P4	Leve	Leve
Praça da Bandeira	Centro	Local	V4	P4	Leve	Leve
Travessa da Concórdia	Centro	Local	V4	P4	Leve	Leve
Travessa da Independencia	Centro	Local	V4	P4	Leve	Leve
Travessa da Independência	Centro	Local	V4	P4	Leve	Leve
Trevo da Liberdade	Centro	Local	V4	P4	Leve	Leve
Travessa da Liberdade	Centro	Local	V4	P4	Leve	Leve
Rua de Macaúbas	Centro	Local	V4	P4	Leve	Leve
Avenida do Rio Branco	Centro	Local	V4	P4	Leve	Leve
Rua do Rio Branco	Centro	Local	V4	P4	Leve	Leve
Travessa do Rio Branco	Centro	Local	V4	P4	Leve	Leve
Avenida Castelo Branco	Centro Industrial	Coletora	V4	P4	Leve	Leve
Rua 19	Centro Industrial	Local	V4	P4	Leve	Leve
Rua A	Centro Industrial	Local	V4	P4	Leve	Leve
Rodovia BR 030	Centro Industrial	Local	V4	P4	Leve	Leve
Rua Canavieiras	Centro Industrial	Local	V4	P4	Leve	Leve
Rodovia Guanambi Matina	Centro Industrial	Local	V4	P4	Leve	Leve
Rua Piratininga	Centro Industrial	Local	V4	P4	Leve	Leve
Avenida Presidente Castelo Branco	Centro Industrial	Local	V4	P4	Leve	Leve
Avenida Vereador Va Donato	Centro Industrial	Local	V4	P4	Leve	Leve
Praça Jacinto Lobo	Centro Mercado da Feira	Local	V4	P4	Leve	Leve
Rua Liberato	Centro Morrinho	Local	V4	P4	Leve	Leve

Rua Algaroba	Ceraima	Local	V4	P4	Leve	Leve
Rua Mato Grosso	Ceraima	Local	V4	P4	Leve	Leve
Rua da Caixa	Ceraima	Local	V4	P4	Leve	Leve
Rua 4	Cj Hab Guanambi I	Local	V4	P4	Leve	Leve
Avenida Governador Nilo Coelho	Condominio Empresarial e Industrial de Gua	Arterial	V2	P2	Intenso	Leve
Rua Oito - Deus Dara	Deus Dara	Local	V4	P4	Leve	Leve
Sítio Chale do Lago	Distr de Ceraima	Local	V4	P4	Leve	Leve
Rua Donerio Cotrim	Distr de Morrinhos	Local	V4	P4	Leve	Leve
Rua D Pedro II	Distr de Mutans	Local	V4	P4	Leve	Leve
Rua Distrito de Mutans	Distr de Mutans	Local	V4	P4	Leve	Leve
Rua B -DISTRITO Industrial	Distrto Industrial	Local	V4	P4	Leve	Leve
Avenida Governador Nilo Coelho	Eco Spa	Arterial	V2	P2	Intenso	Intenso
Fazenda Gonçalves	Estrada Candiba	Local	V4	P4	Leve	Leve
Rua Afonso Mendes	Guanambi	Local	V4	P4	Leve	Leve
Rodovia BR 122	Guanambi	Local	V4	P4	Leve	Leve
Rua Paraguacu	Guanambi	Local	V4	P4	Leve	Leve
Rua Tomaz Gonzaga	Guanambi	Local	V4	P4	Leve	Leve
Rua Zequinha	Guanambi	Local	V4	P4	Leve	Leve
Avenida Castelo Branco	Industrial	Coletora	V4	P4	Leve	Leve
Travessa Manoel Branco	Industrial	Local	V4	P4	Leve	Leve
Rua 2	Industrial	Local	V4	P4	Leve	Leve
Rua Antônio Vieira	Industrial	Local	V4	P4	Leve	Leve
Rua B	Industrial	Local	V4	P4	Leve	Leve
Avenida Presidente Castelo Branco	Industrial	Local	V4	P4	Leve	Leve
Rua Valdir Pereira	Industrial	Local	V4	P4	Leve	Leve
Rua Alcebíades Pereira Costa	Ipiranga	Local	V4	P4	Leve	Leve
Rua Elizio José da Silva	Ipiranga	Local	V4	P4	Leve	Leve
Avenida Gerson Badaró	Ipiranga	Local	V4	P4	Leve	Leve
Loteamento Ipiranga	Ipiranga	Local	V4	P4	Leve	Leve
Rua João Farias Cotrim	Ipiranga	Local	V4	P4	Leve	Leve
Rua João Farias	Ipiranga	Local	V4	P4	Leve	Leve
Rua João Pereira Cotrim	Ipiranga	Local	V4	P4	Leve	Leve
Rua Manoel Cotrim	Ipiranga	Local	V4	P4	Leve	Leve
Rua Palmira Cardoso	Ipiranga	Local	V4	P4	Leve	Leve
Avenida Valdir Pires	Ipiranga	Local	V4	P4	Leve	Leve
Rua Niterói	Jd S Joao	Local	V4	P4	Leve	Leve
Rua Guilherme Vieira	Jd SAO Joao	Local	V4	P4	Leve	Leve
Rua Ana Amélia Castro	Lagoinha	Local	V4	P4	Leve	Leve
Rua Ana Amélia Pereira de Castro	Lagoinha	Local	V4	P4	Leve	Leve
Rua João Antônio Nogueira	Lagoinha	Local	V4	P4	Leve	Leve
Rua Juvêncio Rocha Fernandes	Lagoinha	Local	V4	P4	Leve	Leve
Rua Lindolfo F Fagundes	Lagoinha	Local	V4	P4	Leve	Leve
Avenida Tiradentes	Lagoinha	Local	V4	P4	Leve	Leve
Rua de Souza Teixeira	Lagoinha	Local	V4	P4	Leve	Leve
Avenida Barão 122	Leocadia	Local	V4	P4	Leve	Leve
Rua A - Lot Liberdade	Lot. Liberdade	Local	V4	P4	Leve	Leve
Rua 1	Loteamento Betel	Coletora	V4	P4	Leve	Leve
Avenida Castelo Branco	Loteamento Complemento São João Hemag	Coletora	V4	P4	Leve	Leve
Rua 12	Loteamento Sandoval Moraes 1	Local	V4	P4	Leve	Leve
Rua Doutor José F M Nunes	Lotm Beija Flor	Local	V4	P4	Leve	Leve
Rua Saul Quadros - Beija-Flor	Lotm Beija Flor	Local	V4	P4	Leve	Leve
Rua Dez	Lotm Leolina de Sa	Local	V4	P4	Leve	Leve
Rua Seis - Leolina de Sa	Lotm Leolina de Sa	Local	V4	P4	Leve	Leve
Rua Manoel Gil da Silva - L M Bastos	Lotm Maria Bastos	Local	V4	P4	Leve	Leve
Rua Atilio Pereira de Oliveira	Lotm Sandoval Moraes	Local	V4	P4	Leve	Leve
Rua Belarmino Lessa	Maraba	Local	V4	P4	Leve	Leve
Rua João Cardoso	Maraba	Local	V4	P4	Leve	Leve
Rua Niterói	Maraba	Local	V4	P4	Leve	Leve
Rua Pernambuco	Maraba	Local	V4	P4	Leve	Leve
Rua Cassimiro de Abreu	Monte Pascoal	Local	V4	P4	Leve	Leve
Rua Tomé Souza	Monte Pascoal	Local	V4	P4	Leve	Leve
Rua Eurípedes Barsanulfo	Morada Nova	Local	V4	P4	Leve	Leve
Rua Otávio Mangabeira	Morada Nova	Local	V4	P4	Leve	Leve
Rua Santo Agostinho	Morada Nova	Local	V4	P4	Leve	Leve
Rua Joaquim Normanha	Morrinhos	Local	V4	P4	Leve	Leve
Rua Juvêncio Xavier	Morrinhos	Local	V4	P4	Leve	Leve
Rua Leolino Castro	Morrinhos	Local	V4	P4	Leve	Leve
Rua Maria Joaquina	Morrinhos	Local	V4	P4	Leve	Leve
Rua Sebastião Francisco Paes	Morrinhos	Local	V4	P4	Leve	Leve
Rua 3 Adolfo Amorim	MTE Pascoal	Local	V4	P4	Leve	Leve
Rua Acelino Andrare	MTE Pascoal	Local	V4	P4	Leve	Leve
Rua Angelino de Andrade	MTE Pascoal	Local	V4	P4	Leve	Leve
Rua João Pompílio Abreu	MTE Pascoal	Local	V4	P4	Leve	Leve

Rua 3 Otávio Mangabeira	Mutans	Local	V4	P4	Leve	Leve
Rodovia BA 612	Mutans	Local	V4	P4	Leve	Leve
Rua Castro Alves	Mutans	Local	V4	P4	Leve	Leve
Rua Distrito de Mutans	Mutans	Local	V4	P4	Leve	Leve
Rua Guaranesia	Mutans	Local	V4	P4	Leve	Leve
Rua Jaques Baleeiro	Mutans	Local	V4	P4	Leve	Leve
Praça Joaquim Prates	Mutans	Local	V4	P4	Leve	Leve
Rua José Rocha	Mutans	Local	V4	P4	Leve	Leve
Rua Tancredo Neves	Mutans	Local	V4	P4	Leve	Leve
Rua Tiradentes	Mutans	Local	V4	P4	Leve	Leve
Rua da Matriz	Mutans	Local	V4	P4	Leve	Leve
Praça do Mercado	Mutans	Local	V4	P4	Leve	Leve
Rua 3	Nossa Senhora Aparecida	Local	V4	P4	Leve	Leve
Rodovia BR 030	Nova Olinda	Local	V4	P4	Leve	Leve
Avenida Vereador Va Donato	Nova Olinda	Local	V4	P4	Leve	Leve
Rua Bartolomeu Dias	Novo Horizonte	Local	V4	P4	Leve	Leve
Avenida Juscelino Kubitschek	Novo Horizonte	Local	V4	P4	Leve	Leve
Rua Odimiro Brito	Novo Horizonte	Local	V4	P4	Leve	Leve
Rua Padre Manoel Nóbrega	Novo Horizonte	Local	V4	P4	Leve	Leve
Avenida Presidente Dutra	Novo Horizonte	Local	V4	P4	Leve	Leve
Rua da Caixa D'Água	Nuc de Ceraima	Local	V4	P4	Leve	Leve
Rua Presidente Juscelino Kubstcheck	Nuc Hab DR Beneval Boa Sorte	Local	V4	P4	Leve	Leve
Praça Antônio Primo Costa	Paraíso	Local	V4	P4	Leve	Leve
Rua Anísio Cotrin Fernandes	Paraíso	Local	V4	P4	Leve	Leve
Rua Anísio Teixeira	Paraíso	Local	V4	P4	Leve	Leve
Avenida Bejamin Constant	Paraíso	Local	V4	P4	Leve	Leve
Rua Bernardo Guimarães	Paraíso	Local	V4	P4	Leve	Leve
Rua Carijós	Paraíso	Local	V4	P4	Leve	Leve
Rua Doutor José Humberto Nunes	Paraíso	Local	V4	P4	Leve	Leve
Rua Jonas Rodrigues	Paraíso	Local	V4	P4	Leve	Leve
Rua José Humberto Nunes	Paraíso	Local	V4	P4	Leve	Leve
Rua Juarez Távora	Paraíso	Local	V4	P4	Leve	Leve
Contorno Leste Terminal Rodoviário	Paraíso	Local	V4	P4	Leve	Leve
Rua Levindo Garcia Leal	Paraíso	Local	V4	P4	Leve	Leve
Rua Lima Barreto	Paraíso	Local	V4	P4	Leve	Leve
Rua Lino Teixeira	Paraíso	Local	V4	P4	Leve	Leve
Rua O - Paraíso	Paraíso	Local	V4	P4	Leve	Leve
Rua Otávio Mangabeira	Paraíso	Local	V4	P4	Leve	Leve
Rua Pedro Calmon	Paraíso	Local	V4	P4	Leve	Leve
Avenida Prefeito José Neves Teixeira	Paraíso	Local	V4	P4	Leve	Leve
Travessa Prefeito José Neves Texeira	Paraíso	Local	V4	P4	Leve	Leve
Rua Professora Elza C Vieira	Paraíso	Local	V4	P4	Leve	Leve
Rua Régis Pacheco	Paraíso	Local	V4	P4	Leve	Leve
Travessa Régis Pacheco	Paraíso	Local	V4	P4	Leve	Leve
Rua São Pedro	Paraíso	Local	V4	P4	Leve	Leve
Rua U	Paraíso	Local	V4	P4	Leve	Leve
Rua Vereador Lino Teixeira	Paraíso	Local	V4	P4	Leve	Leve
Travessa Vicente Paula	Paraíso	Local	V4	P4	Leve	Leve
Rua Vicente de Paula	Paraíso	Local	V4	P4	Leve	Leve
Rua Anísio Teixeira	Paraíso	Local	V4	P4	Leve	Leve
Rua Vicente de Paula	Paraizo	Local	V4	P4	Leve	Leve
Avenida Governador Nilo Coelho	Park Boulevard	Arterial	V2	P2	Intenso	Intenso
Praça Generaldo Teixeira	Parraiso	Local	V4	P4	Leve	Leve
Rua Alta de Souza	Por do Sol	Local	V4	P4	Leve	Leve
Rua C	Prq Industrial	Local	V4	P4	Leve	Leve
Avenida José Humberto Nunes	S Fran	Local	V4	P4	Leve	Leve
Rua Armindo Dias Moreira	S Francisco	Local	V4	P4	Leve	Leve
Rua Deoclécio de Andrade	S Francisco	Local	V4	P4	Leve	Leve
Rua Deocreciano Andrade	S Francisco	Local	V4	P4	Leve	Leve
Rua Eustógio Costa	S Francisco	Local	V4	P4	Leve	Leve
Rua Ferreira	S Francisco	Local	V4	P4	Leve	Leve
Rua Jesuino Alves	S Francisco	Local	V4	P4	Leve	Leve
Avenida Joaquim Dias Guimarães	S Francisco	Local	V4	P4	Leve	Leve
Rua Joaquim Dias Guimarães	S Francisco	Local	V4	P4	Leve	Leve
Rua José Humberto Nunes	S Francisco	Local	V4	P4	Leve	Leve
Rua Luiz Teixeira	S Francisco	Local	V4	P4	Leve	Leve
Rua Rodrigues Alves	S Francisco	Local	V4	P4	Leve	Leve
Rua Teobaldo Andrade	S Francisco	Local	V4	P4	Leve	Leve
Rua Valdimir Pereira	S Francisco	Local	V4	P4	Leve	Leve
Avenida do Rio Branco	S Francisco	Local	V4	P4	Leve	Leve
Rua do Rio Branco	S Francisco	Local	V4	P4	Leve	Leve
Rua Hemetério Cardoso	S Joao	Local	V4	P4	Leve	Leve
Rua Brulino Pereira Donato	S Sebastiao	Local	V4	P4	Leve	Leve

Rua Ulisses Guimarães	S Sebastiao	Local	V4	P4	Leve	Leve
Rua Delci Fogaça Fagundes	Sandoval Moraes	Local	V4	P4	Leve	Leve
Avenida Prefeito José Neves Teixeira	Sandoval Moraes II	Local	V4	P4	Leve	Leve
Rua Sete	Santa Catarina	Local	V4	P4	Leve	Leve
Rua Pernambuco	Santa Luzia	Local	V4	P4	Leve	Leve
Rua Joaquim Chaves	Santo Antônio	Local	V4	P4	Leve	Leve
Rua Ayrton Senna	SAO Francisco	Local	V4	P4	Leve	Leve
Rua Benjamin Vieira Costa	SAO Francisco	Local	V4	P4	Leve	Leve
Rua Domingos Antônio Teixeira	sao Francisco	Local	V4	P4	Leve	Leve
Rua Doutor José Humberto Nunes	SAO Francisco	Local	V4	P4	Leve	Leve
Rua F	SAO Francisco	Local	V4	P4	Leve	Leve
Rua G	SAO Francisco	Local	V4	P4	Leve	Leve
Rua João Nunes Dourado	SAO Francisco	Local	V4	P4	Leve	Leve
Rua Rogaciano Francisco de Moraes	SAO Francisco	Local	V4	P4	Leve	Leve
Rua da Integração	SAO Francisco	Local	V4	P4	Leve	Leve
Rua Senador Nilo Coelho	São Francisco	Local	V4	P4	Leve	Leve
Rua Urbino Pereira Donato	São Francisco	Local	V4	P4	Leve	Leve
Loteamento São João	SAO Joao	Local	V4	P4	Leve	Leve
Rua Almir Fagundes Neves	SAO Jose	Local	V4	P4	Leve	Leve
Rua Amazonas	SAO Jose	Local	V4	P4	Leve	Leve
Rua Nova Olinda	SAO Jose	Local	V4	P4	Leve	Leve
Rua Rua Só Pedro	SAO Jose	Local	V4	P4	Leve	Leve
Rua São José	SAO Jose	Local	V4	P4	Leve	Leve
Praça São João	SAO Jose	Local	V4	P4	Leve	Leve
Rua Vereador Va Donato	SAO Jose	Local	V4	P4	Leve	Leve
Rodovia BR 030	SAO Sebastiao	Local	V4	P4	Leve	Leve
Rua São Bernardes	SAO Sebastiao	Local	V4	P4	Leve	Leve
Praça 3 Getúlio Vargas	Sede	Local	V4	P4	Leve	Leve
Rodovia BR 030	Sede	Local	V4	P4	Leve	Leve
Estrada Barão 030	Sede	Local	V4	P4	Leve	Leve
Estrada Barão 030 Km 6	Sede	Local	V4	P4	Leve	Leve
Praça Getúlio Vargas	Sede	Local	V4	P4	Leve	Leve
Rua Otávio Mangabeira	Sede	Local	V4	P4	Leve	Leve
Rua Rui Barbosa	Sede	Local	V4	P4	Leve	Leve
Rua Sítio Vomita Mel	Sit Vomita Mel	Local	V4	P4	Leve	Leve
Avenida Ceraima	Sol Nascente	Local	V4	P4	Leve	Leve
Avenida Prefeito José Neves Teixeira	Sossego	Local	V4	P4	Leve	Leve
Rua 6	STA Catarina	Local	V4	P4	Leve	Leve
Rua Adélia Moreira Prates	STA Catarina	Local	V4	P4	Leve	Leve
Rua Leônicio Rodrigues Silva	STA Catarina	Local	V4	P4	Leve	Leve
Rua Nice Amaral Baleeiro	Stª Catarina	Local	V4	P4	Moderado	Leve
Rua Vanda Neves Freitas	Stª Catarina	Local	V4	P4	Leve	Leve
Rua Athur Bernardes	STA Luzia	Local	V4	P4	Leve	Leve
Rua Canadá	STA Luzia	Local	V4	P4	Leve	Leve
Rua João Meira	STA Luzia	Local	V4	P4	Leve	Leve
Rua João Pompílio Abreu	STA Luzia	Local	V4	P4	Leve	Leve
Rua Niterói	STA Luzia	Local	V4	P4	Leve	Leve
Rua Enedino Malheiros	Stª Luzia	Local	V4	P4	Leve	Leve
Rua Paraguassú	Stª Luzia	Local	V4	P4	Leve	Leve
Rua E	STO Andre	Local	V4	P4	Leve	Leve
Rua E	STO Andre	Local	V4	P4	Leve	Leve
Rua João Hemetério	STO Andre	Local	V4	P4	Leve	Leve
Rua 3 Leonidio Boa Sorte	STO Antonio	Local	V4	P4	Leve	Leve
Rodovia BR 122	STO Antonio	Local	V4	P4	Leve	Leve
Rua Boa Esperança	STO Antonio	Local	V4	P4	Leve	Leve
Rua Guilhrme de Almeida	STO Antonio	Local	V4	P4	Leve	Leve
Rua Nelson Bastos	STO Antonio	Local	V4	P4	Leve	Leve
Rua Quintino Bocaiuva	STO Antonio	Local	V4	P4	Leve	Leve
Rua Troiano de Freitas	STO Antonio	Local	V4	P4	Leve	Leve
Rua Deolinda Martins	Stª Antonio	Local	V4	P4	Leve	Leve
Avenida Doutor Sandoval Moraes	Stª Antonio	Local	V4	P4	Leve	Leve
Rua Franco Cardoso	Stª Antonio	Local	V4	P4	Leve	Leve
Rua Hermes da Fonseca	Stª Antonio	Local	V4	P4	Leve	Leve
Rua Joaquim Chaves	Stª Antonio	Local	V4	P4	Leve	Leve
Rua José Fagundes	Stª Antonio	Local	V4	P4	Leve	Leve
Rua Leonidio Boa Sorte	Stª Antonio	Local	V4	P4	Leve	Leve
Rua Alice Bezerra Lacerda	Vasconcelos	Local	V4	P4	Leve	Leve
Rua Joaquim Domingos de Souza	Vasconcelos	Local	V4	P4	Leve	Leve
Rua José Alves Pereira	Vasconcelos	Local	V4	P4	Leve	Leve
Rua João Antônio Nogueira	Vasconcelos	Local	V4	P4	Leve	Leve
Rua Ovidio dos Santos	Vila Nova	Local	V4	P4	Leve	Leve
Rua Gercino Coelho	VI de Morrinhos	Local	V4	P4	Leve	Leve
Rua Tamandaré	VI N	Local	V4	P4	Leve	Leve

Rua Castro Alves	VI Nova	Local	V4	P4	Leve	Leve
Rua José Bonifácio	VI Nova	Local	V4	P4	Leve	Leve
Rua Osvaldo Aranha	VI Nova	Local	V4	P4	Leve	Leve
Rua Ovídio dos Sanos	VI Nova	Local	V4	P4	Leve	Leve
Rua Tamandaré	VI Nova	Local	V4	P4	Leve	Leve
Avenida Tiradentes	VI Nova	Local	V4	P4	Leve	Leve
Rua Tiradentes	VI Nova	Local	V4	P4	Leve	Leve
Rua Ana Angélica	Vomita Mel	Local	V4	P4	Leve	Leve
Rua Floriano Peixoto	Vomita Mel	Local	V4	P4	Leve	Leve
Rua José Bastos	Vomita Mel	Local	V4	P4	Leve	Leve
Rua José de Anchieta	Vomita Mel	Local	V4	P4	Leve	Leve
Rua Marechal Floriano Peixoto	Vomita Mel	Local	V4	P4	Leve	Leve
Rua Medeiros	Vomita Mel	Local	V4	P4	Leve	Leve
Rua Mem de Sa	Vomita Mel	Local	V4	P4	Leve	Leve
Rua Men de Sa	Vomita Mel	Local	V4	P4	Leve	Leve
Rua Plínio Salgado	Vomita Mel	Local	V4	P4	Leve	Leve
Rua Tobias Barreto	Vomita Mel	Local	V4	P4	Leve	Leve
Rua de Macaúbas	Vomita Mel	Local	V4	P4	Leve	Leve
Rua de Ouro Branco	Vomita Mel	Local	V4	P4	Leve	Leve
Rua de Ouro Preto	Vomita Mel	Local	V4	P4	Leve	Leve
Rua Barão de Macaúbas	Vomitamel	Local	V4	P4	Leve	Leve
Rua Benjamim Vieira Costa	Vomitamel	Local	V4	P4	Leve	Leve
Rua Deodoro da Fonseca	Vomitamel	Local	V4	P4	Leve	Leve
Rua Otacilio Pereira Donato	Vomitamel	Local	V4	P4	Leve	Leve
Avenida Durval de Souza Lima	Ypiranga	Local	V4	P4	Leve	Leve
Avenida Ypiranga	Ypiranga	Local	V4	P4	Leve	Leve
Rodovia BR 030 Km 07	Zn Rural	Local	V4	P4	Leve	Leve
Rodovia BR 135 Km 17	Zn Rural	Local	V4	P4	Leve	Leve
Estrada Barão 030	Zn Rural	Local	V4	P4	Leve	Leve
Estrada Barão 122	Zn Rural	Local	V4	P4	Leve	Leve
Estrada Barão 122 Km 03	Zn Rural	Local	V4	P4	Leve	Leve
Fazenda Caiçara	Zn Rural	Local	V4	P4	Leve	Leve
Rodovia Guanambi Ceraima	Zn Rural	Local	V4	P4	Leve	Leve
Estrada Velha de MUTANS, Km 01	Zn Rural	Local	V4	P4	Leve	Leve
Estrada da Fazenda Carnaíba de Dentro	Zn Rural	Local	V4	P4	Leve	Leve
Rodovia Guanambi - Monte ALTO, Km 02	Zn Urbana	Local	V4	P4	Leve	Leve
Rua 2 de Julho		Local	V4	P4	Leve	Leve
Rua 6 Lotm Alto Caiçara		Local	V4	P4	Leve	Leve
Rua Adolfo Amorim		Local	V4	P4	Leve	Leve
Rua Agenor Santos		Local	V4	P4	Leve	Leve
Rua Aloísio Azevedo		Local	V4	P4	Leve	Leve
Rua Ana Angélica		Local	V4	P4	Leve	Leve
Rua Anísio Teixeira		Local	V4	P4	Leve	Leve
Rua Aracaju		Local	V4	P4	Leve	Leve
Rua Arthur Bernardes		Local	V4	P4	Leve	Leve
Avenida BARAO DO RIO BRANCO		Local	V4	P4	Leve	Leve
Avenida BARAO DO RIO BRANCO		Local	V4	P4	Leve	Leve
Rodovia Barão 030 0		Local	V4	P4	Leve	Leve
Rodovia Barão 030		Local	V4	P4	Leve	Leve
Rodovia Barão 122 0		Local	V4	P4	Leve	Leve
Rua Barão de Macaúbas		Local	V4	P4	Leve	Leve
Avenida Barão do Rio Branco		Local	V4	P4	Leve	Leve
Avenida Barão do Rio Branco		Local	V4	P4	Leve	Leve
Rua Bela Flor		Local	V4	P4	Leve	Leve
Rua Belarmino Lessa		Local	V4	P4	Leve	Leve
Avenida Beneval Boa Sorte		Local	V4	P4	Leve	Leve
Rua Benjamin Vieira Costa		Local	V4	P4	Leve	Leve
Rua Benvindo Dias		Local	V4	P4	Leve	Leve
Rua Benvindo Dias		Local	V4	P4	Leve	Leve
Rua Bernardo Guimarães		Local	V4	P4	Leve	Leve
Rua Bezerra de Menezes		Local	V4	P4	Leve	Leve
Avenida Br Rio Branco		Local	V4	P4	Leve	Leve
Rodovia Br-030		Local	V4	P4	Leve	Leve
Rua Br. de Macaúbas		Local	V4	P4	Leve	Leve
Avenida Br. do Rio Branco		Local	V4	P4	Leve	Leve
Rua Cassimiro de Abreu		Local	V4	P4	Leve	Leve
Rua Catarina		Local	V4	P4	Leve	Leve
Rua Cel. Zequinha		Local	V4	P4	Leve	Leve
Travessa Cincinato Fernandes		Local	V4	P4	Leve	Leve
Rua Coronel Zequinha		Local	V4	P4	Leve	Leve
Rua D Pedro II		Local	V4	P4	Leve	Leve
Travessa Da Liberdade		Local	V4	P4	Leve	Leve
Rua Delfim Moreira		Local	V4	P4	Leve	Leve

Rua Deocrécio de Andrade		Local	V4	P4	Leve	Leve
Rua Dez de Novembro		Local	V4	P4	Leve	Leve
Rua Dois		Local	V4	P4	Leve	Leve
Rua Dois de Julho		Local	V4	P4	Leve	Leve
Rua Domingos Antônio Teixeira		Local	V4	P4	Leve	Leve
Rua Dos Expedicionários		Local	V4	P4	Leve	Leve
Rua Doutor Francisco Fernandes		Local	V4	P4	Leve	Leve
Rua Doutor José Humberto Nunes		Local	V4	P4	Leve	Leve
Avenida Doutor Sandoval Moraes		Local	V4	P4	Leve	Leve
Rua Dr. José Humberto Nunes		Local	V4	P4	Leve	Leve
Rua Duque de Caxias		Local	V4	P4	Leve	Leve
Rua Eluécio Martins		Local	V4	P4	Leve	Leve
Rua Espírito Santo		Local	V4	P4	Leve	Leve
Rua Espírito Santos		Local	V4	P4	Leve	Leve
Travessa Euclides da Cunha		Local	V4	P4	Leve	Leve
Rua Eustógio Costa		Local	V4	P4	Leve	Leve
Rua F		Local	V4	P4	Leve	Leve
Rua Felipe dos Santos		Local	V4	P4	Leve	Leve
Rua General Cordeiro Farias		Local	V4	P4	Leve	Leve
Rua General Osório		Local	V4	P4	Leve	Leve
Praça Gercino Coelho		Local	V4	P4	Leve	Leve
Praça Getúlio Vargas		Local	V4	P4	Leve	Leve
Praça Getúlio Vargas		Local	V4	P4	Leve	Leve
Rua Goiás		Local	V4	P4	Leve	Leve
Rua Guilherme Vieira		Local	V4	P4	Leve	Leve
Rua Gustavo Bezerra		Local	V4	P4	Leve	Leve
Rua Helvecio Martins		Local	V4	P4	Leve	Leve
Rua Henrique Dias		Local	V4	P4	Leve	Leve
Rua Henrique Dias		Local	V4	P4	Leve	Leve
Praça Henrique Donato		Local	V4	P4	Leve	Leve
Rua Humberto de Campos		Local	V4	P4	Leve	Leve
Rua I		Local	V4	P4	Leve	Leve
Travessa Independência		Local	V4	P4	Leve	Leve
Travessa Independência		Local	V4	P4	Leve	Leve
Travessa JOAQUIM LESSA		Local	V4	P4	Leve	Leve
Rua JOSE REGINALDO		Local	V4	P4	Leve	Leve
Rua Joana Angélica		Local	V4	P4	Leve	Leve
Rua Joao de Morrinhos		Local	V4	P4	Leve	Leve
Rua Joaquim Chaves		Local	V4	P4	Leve	Leve
Rua Joaquim Dias Guimarães		Local	V4	P4	Leve	Leve
Rua Joaquim Dias Guimarães		Local	V4	P4	Leve	Leve
Rua Joaquim Dias Guimarães		Local	V4	P4	Leve	Leve
Rua Joaquim Manoel		Local	V4	P4	Leve	Leve
Rua Joaquim Manoel		Local	V4	P4	Leve	Leve
Praça José Ferreira		Local	V4	P4	Leve	Leve
Travessa José Ferreira		Local	V4	P4	Leve	Leve
Avenida José Humberto Nunes		Local	V4	P4	Leve	Leve
Avenida José Humberto Nunes		Local	V4	P4	Leve	Leve
Rua João Cardoso		Local	V4	P4	Leve	Leve
Rua João Pompílio de Abreu		Local	V4	P4	Leve	Leve
Rua Jucelino Kubitschek		Local	V4	P4	Leve	Leve
Rua Lauro de Freitas		Local	V4	P4	Leve	Leve
Rua Lindolfo Nunes		Local	V4	P4	Leve	Leve
Rua Major Ferreira		Local	V4	P4	Leve	Leve
Rua Manoel Vitorino		Local	V4	P4	Leve	Leve
Rua Marcílio Dias		Local	V4	P4	Leve	Leve
Rua Maria Quitéria		Local	V4	P4	Leve	Leve
Rua Maria Quitéria		Local	V4	P4	Leve	Leve
Rua Maria da Gloria Bezerra 223		Local	V4	P4	Leve	Leve
Rua Matina		Local	V4	P4	Leve	Leve
Rua Medeiros Neto		Local	V4	P4	Leve	Leve
Rua Mello Moraes Filho		Local	V4	P4	Leve	Leve
Rua Niterói		Local	V4	P4	Leve	Leve
Rua Nova Olinda		Local	V4	P4	Leve	Leve
Rua Olavo Bilac		Local	V4	P4	Leve	Leve
Travessa Osvaldo 11 Centro		Local	V4	P4	Leve	Leve
Rua Osvaldo Aranha		Local	V4	P4	Leve	Leve
Travessa Osvaldo Cruz		Local	V4	P4	Leve	Leve
Rua Otacílio Donato		Local	V4	P4	Leve	Leve
Rua Otávio Mangabeira		Local	V4	P4	Leve	Leve
Rua Palmira Cardoso		Local	V4	P4	Leve	Leve
Rua Pedro Soares		Local	V4	P4	Leve	Leve
Avenida Petrônio Portela		Local	V4	P4	Leve	Leve

Avenida Petrônio Portela		Local	V4	P4	Leve	Leve
Rua Pimeiro de Maio		Local	V4	P4	Leve	Leve
Avenida Pref. José Neves Teixeira		Local	V4	P4	Leve	Leve
Avenida Prefeito José Neves Teixeira		Local	V4	P4	Leve	Leve
Avenida Presidente Castelo Branco		Local	V4	P4	Leve	Leve
Avenida Presidente Dutra		Local	V4	P4	Leve	Leve
Rua Quinze de Novembro		Local	V4	P4	Leve	Leve
Rua Riachuelo		Local	V4	P4	Leve	Leve
Rua Rio de Janeiro		Local	V4	P4	Leve	Leve
Rua Rui Barbosa		Local	V4	P4	Leve	Leve
Rua S Bento		Local	V4	P4	Leve	Leve
Rua SEBASTIAO BOA SORTE		Local	V4	P4	Leve	Leve
Rua Santa Catarina		Local	V4	P4	Leve	Leve
Rua Satiro Dias		Local	V4	P4	Leve	Leve
Rua Sebastiao Francisco Paes		Local	V4	P4	Leve	Leve
Rua Sta. Catarina		Local	V4	P4	Leve	Leve
Avenida São João		Local	V4	P4	Leve	Leve
Avenida São João		Local	V4	P4	Leve	Leve
Rua Tancredo Neves		Local	V4	P4	Leve	Leve
Rua Teixeira de Freitas		Local	V4	P4	Leve	Leve
Rua Teotônio Pereira		Local	V4	P4	Leve	Leve
Avenida Tiradentes		Local	V4	P4	Leve	Leve
Travessa Tiradentes		Local	V4	P4	Leve	Leve
Rua Tobias Barreto		Local	V4	P4	Leve	Leve
Rua Tomaz Gonzaga		Local	V4	P4	Leve	Leve
Rua Tomé de Souza		Local	V4	P4	Leve	Leve
Rua Treze de Maio		Local	V4	P4	Leve	Leve
Rua Valdemir Pereira		Local	V4	P4	Leve	Leve
Avenida Valdir Pires		Local	V4	P4	Leve	Leve
Rua Vasco da Gama		Local	V4	P4	Leve	Leve
Estrada Velha de Candiba		Local	V4	P4	Leve	Leve
Travessa Vereador Edvard Castro Costa		Local	V4	P4	Leve	Leve
Rua Vicente de Paula		Local	V4	P4	Leve	Leve
Travessa Vicente de Paula		Local	V4	P4	Leve	Leve
Rua Vieira de Melo		Local	V4	P4	Leve	Leve
Rua Visconde Ouro Preto		Local	V4	P4	Leve	Leve
Rua Vsc. de Ouro Branco		Local	V4	P4	Leve	Leve
Praça da Bandeira		Local	V4	P4	Leve	Leve
Travessa da Independência		Local	V4	P4	Leve	Leve
Travessa da Liberdade		Local	V4	P4	Leve	Leve
Rua dos Expedicionários		Local	V4	P4	Leve	Leve
Estrada p/ Morrinhos		Local	V4	P4	Leve	Leve

Lagoa Real						
Logradouro	Bairro	CLASSIFICAÇÃO VIÁRIA (CTB)	CLASSIFICAÇÃO VIAS DE VEÍCULOS (NBR 5101)	CLASSIFICAÇÃO VIAS DE PEDDESTRES (NBR 5101)	FLUXO DE VEÍCULOS	FLUXO DE PEDESTRES
Avenida Real	Centro	Arterial	V2	P2	Intenso	Intenso
Avenida Real		Arterial	V2	P2	Intenso	Intenso
Avenida Real		Arterial	V2	P2	Intenso	Intenso
Avenida Real	Centro	Arterial	V2	P2	Intenso	Intenso
Avenida 14 de Maio	Centro	Coletora	V4	P3	Moderado	Moderado
Avenida 14 de Maio	Centro	Coletora	V4	P3	Moderado	Moderado
Rua Osvaldo Vieira	Centro	Coletora	V3	P3	Moderado	Moderado
Rua Osvaldo Vieira	Centro	Coletora	V3	P3	Moderado	Moderado
Avenida Santa Maria	Centro	Coletora	V3	P3	Moderado	Moderado
Avenida Santa Maria		Coletora	V3	P3	Moderado	Moderado
Avenida Santa Maria	Centro	Coletora	V3	P3	Moderado	Moderado
Rua 13 de Junho	Centro	Local	V5	P4	Leve	Leve
Rua 15 de Novembro	Centro	Local	V5	P4	Leve	Leve
Rua 2 de Julho	Centro	Local	V5	P4	Leve	Leve
Rua 3 Nelson Mariano Souza	Centro	Local	V5	P4	Leve	Leve
Rua 3 Osvaldo Vieira	Centro	Local	V5	P4	Leve	Leve
Praça 3 do Mercado	Sede	Local	V5	P4	Leve	Leve
Praça 3 do Mercado	Centro	Local	V5	P4	Leve	Leve
Rua 7 de Setembro	Centro	Local	V5	P4	Leve	Leve
Rua 7 de Setembro	Centro	Local	V5	P4	Leve	Leve
Povoado Aguinha	Cercado	Local	V5	P4	Leve	Leve
Rua Alto da Lagoa	Centro	Local	V5	P4	Leve	Leve
Travessa Ana Vitória	Centro	Local	V5	P4	Leve	Leve
Travessa Ana Vitória	Centro	Local	V5	P4	Leve	Leve
Avenida Real, 105	Centro	Local	V5	P4	Leve	Leve
Rodovia BA 617	Zn Rural	Local	V5	P4	Leve	Leve
Rodovia BR 030	Café Azevedo	Local	V5	P4	Leve	Leve
Rodovia BR 030	Miguel Avelar	Local	V5	P4	Leve	Leve
Caminho Barrinha Brejal	Brejal	Local	V5	P4	Leve	Leve
Rodovia Barão em Direção ao Rio São João	Lagoa de Casca	Local	V5	P4	Leve	Leve
Rua Belo Duca		Local	V4	P4	Leve	Leve
Rua Belo Duca	Centro	Local	V4	P4	Leve	Leve
Povoado Campo do Araújo	Cpo do Araújo	Local	V5	P4	Leve	Leve
Rua Castelo Branco		Local	V5	P4	Leve	Leve
Praça Colégio Donerio Aguiar	Riachão	Local	V5	P4	Leve	Leve
Travessa Cosme e Damião	Centro	Local	V5	P4	Leve	Leve
Avenida Costa Silva	Centro	Local	V5	P4	Leve	Leve
Avenida Costa Silva		Local	V5	P4	Leve	Leve
Rua Costa e Silva	Centro	Local	V5	P4	Leve	Leve
Rua Dom Pedro I	Centro	Local	V5	P4	Leve	Leve
Rua Doutor Osvaldo Rodrigues	Centro	Local	V5	P4	Leve	Leve
Travessa Edite Teixeira	Centro	Local	V5	P4	Leve	Leve
Travessa Eloi Batista	Centro	Local	V5	P4	Leve	Leve
Praça Escola Lourencio Santos	Riachão	Local	V5	P4	Leve	Leve
Travessa Espírito Santo	Centro	Local	V5	P4	Leve	Leve
Rua Fidelcino Moura Rocha	Centro	Local	V5	P4	Leve	Leve
Rua Florindo Gomes	Centro	Local	V5	P4	Leve	Leve
Beco Galdêncio Spinola	Centro	Local	V5	P4	Leve	Leve
Rua Galdêncio Spinola	Centro	Local	V5	P4	Leve	Leve
Rua General Costa e Silva	Centro	Local	V5	P4	Leve	Leve
Travessa Geovane Chaves	Centro	Local	V5	P4	Leve	Leve
Povoado Impuca	Impuca	Local	V5	P4	Leve	Leve
Rua Irmãs Moura	Centro	Local	V5	P4	Leve	Leve
Travessa João Paulo I	Centro	Local	V5	P4	Leve	Leve
Travessa João Paulo II	Centro	Local	V5	P4	Leve	Leve
Povoado Lagoa Danta	Lagoa Danta	Local	V5	P4	Leve	Leve
Caminho Lagoa Real Morrinhos	Faz Morrinho	Local	V5	P4	Leve	Leve
Rodovia Lagoa Real São Francisco	Centro	Local	V5	P4	Leve	Leve
Rua Lagoa da Pedra	Centro	Local	V5	P4	Leve	Leve
Povoado Lameiro	Lameiro	Local	V5	P4	Leve	Leve
Travessa Lindolfo Teixeira	Centro	Local	V5	P4	Leve	Leve
Rua Luís Pereira de Aguiar	Centro	Local	V5	P4	Leve	Leve
Rua Luís Pereira de Aguiar	Centro	Local	V5	P4	Leve	Leve
Povoado Malhada de Areia	Malhada de Areia	Local	V5	P4	Leve	Leve
Praça Matriz	Centro	Local	V5	P4	Leve	Leve
Rua Mercado Novo	Centro	Local	V5	P4	Leve	Leve
Praça Mercado		Local	V5	P4	Leve	Leve
Avenida Milton Alves de Almeida	Centro	Local	V5	P4	Leve	Leve
Travessa Monsenhor Osvaldo	Centro	Local	V5	P4	Leve	Leve

Travessa Ne Teixeira	Centro
Rua Nelson Mariano de Souza	Centro
Rua Nelson Mariano de Souza	Centro
Travessa Nelson Mariano de Souza	Centro
Travessa Nossa Senhora Aparecida	Centro
Travessa Odilon Costa	Centro
Rua Padre Cícero	Centro
Rua Parque do Vaqueiro	Bairro Prq do Vaqueiro
Travessa Parque do Vaqueiro	Centro
Povoado Pau Ferro	Pau Ferro
Rua Paulo da Misericórdia	Centro
Praça Pedro José Oliveira	Centro
Praça Pedro José de Oliveira	Centro
Praça Pedro Oliveira	Centro
Rua Pedro Oliveira	
Povoado Peixe	Peixe
Travessa Princesa Isabel	Centro
Rua Quatorze de Maio	
Caminho Que Entra No Riacho	Stª Helena
Rua Real	Centro
Travessa Real	Centro
Povoado Rio Tapera	Rio Tapera
Povoado Salinas	Salinas
Travessa Santa Edivergens	Centro
Travessa Santa Luzia	Centro
Travessa Santa Maria	Centro
Povoado Santa Rita	Stª Rita
Travessa Santa Terezinha	Centro
Travessa Santo Estêvão	Centro
Travessa Santo Expedito	Centro
Rua Senhor do Bonfim	Centro
Avenida Sta. Maria	
Povoado Susuarana	Susuarana
Travessa São Benedito	Centro
Rua São João Batista I	Centro
Rua São João Batista II	Centro
Rua São João Batista III	Centro
Rua São João Batista IV	Centro
Rua São João Batista VI	Centro
Rua São João João Batista VII	Centro
Travessa São João	Centro
Rua São Luís	Centro
Travessa São Miguel	Centro
Travessa São Pedro	Centro
Travessa São Sebastião	Centro
Travessa São Vicente	Centro
Rua TIRADENTES	
Avenida Tamboril	Centro
Povoado Tapera	Tapera
Rua Voluntário da Pátria	
Rua Voluntário da Pátria	Centro
Rua Zezé Cardoso	
Rua Zezé Cardoso	Centro
Travessa Zé Pires	Centro
Praça da Igreja	
Rua da Igreja	Mons Bastos
Praça da Matriz	
Praça da Matriz	Centro
Rua das Margaridas	Centro
Rua do Cemitério	Centro
Travessa do Mercado I	Centro
Praça do Mercado	Sede
Praça do Mercado	Centro
Praça do Pancadão	Faz São João
Praça do Peixe	Peixe
Rodovia para Caetite	Centro
Caminho para Lagoa Queimada	Faz São João
Caminho para Vazante	Faz Rio Abaixo

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