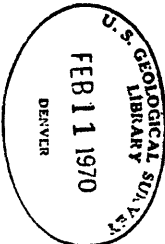


(200)  
R 290  
no. 1363

UNITED STATES  
DEPARTMENT OF THE INTERIOR

DO NOT REMOVE THIS REPORT FROM BLDG. 25

PRINCIPAL FACTS FOR GRAVITY STATIONS  
IN HOWARD COUNTY, MARYLAND  
BY  
JOHN W. ALLINGHAM  
U.S. GEOLOGICAL SURVEY  
SILVER SPRING, MARYLAND



U. S. GEOLOGICAL SURVEY  
Released to open file  
Feb. 16, 1970

This report has not been edited or  
reviewed for conformity to Geological  
Survey standards.

COPY \_\_\_\_\_ OF \_\_\_\_\_

OPEN FILE 70-4  
1970

DATE \_\_\_\_\_  
TABULATED \_\_\_\_\_ 19 \_\_\_\_\_

BY JOHN ALLINGHAM

PIEDMONT HOWARD CO MD PROJECT AREA DESIGNATION

66-67 YEAR OF THE SURVEY

SCAGSVILLE, MARYLAND GRAVITY BASE STATION HSSC 2030 SCAGGS LOCATED 50 FT NE OF NE CORNER OF HOUSE IN SW CORNER OF

INTERSECTION OF US29 AND CLARKSVILLE ROAD, *Station exists with wide bench work just attached to wall post*

GRAVITY BASE VALUE FOR STATION MSSC2030SCAGGS IN MILLIGALS

MSV METER SCALE VALUE GIVEN AS .99999 WHEN MG/DG IS EXPRESSED AS UNSERVED GRAVITY, *Chlorine* *meter*

D1 DENSITY OF 2.67 G/CC

02 DENSITY OF 2.75 G/CC

STA	STATION NUMBER
-----	----------------

**LAT NORTH LATITUDE IN DEGREES, MINUTES, AND HUNDRETHS OF MINUTES**

WEST LONGITUDE IN DEGREES, MINUTES, AND HUNDRETHS OF MINUTES

**ELEVATION IN FEET**

**NS/DG**

**CONSERVED GRAVITY IN MILLIGALS**

**FAA**

**FREE AIR ANOMALY IN MILLIGALS**

# SIMPLE BOUGUER ANOMALY IN MILLIGALS FOR DENSITY OF 2.67 G/CC

**BAB**

**SIMPLE BOUGUER ANOMALY IN MILLIGALS FOR DENSITY OF 2.75 G/CC**

GRAVITY MEASUREMENTS MADE WITH LACOSTE-MONTEBERG GRAVITY METER G-111. GRAVITY BASE TIED TO NATIONAL BASE AT COMMERCE DEPT 2/13.

$$TAEF = 1590$$

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Wid. v. Ho., D.C.

STATION	LAT	LONG	ELEV	MO/DO	UG	FAA	BA1	BA2
GRCA	39 14.37	76 50.26	400.10	9.27	2107.12	31.65	18.02	17.61
0001	39 21.51	77 9.55	752.00	10.26	2108.16	55.27	29.65	28.88
0001	39 21.51	77 9.55	752.00	10.26	2108.16	55.27	29.65	28.88
0002	39 21.43	77 8.36	675.50	16.76	2115.05	55.09	32.07	31.38
0003	39 21.19	77 7.83	794.50	10.10	2108.00	59.57	32.50	31.69
0004	39 21.06	77 6.76	677.10	15.79	2114.02	54.75	31.68	30.99
0005	39 20.83	77 5.59	748.00	11.30	2109.27	56.99	31.51	30.75
0006	39 20.79	77 5.09	724.70	12.35	2110.38	55.99	31.29	30.55
0007	39 20.39	77 3.79	594.80	19.33	2117.78	51.76	31.49	30.88
0008	39 20.26	77 2.94	614.00	16.86	2115.16	51.14	30.82	29.59
0009	39 19.88	77 1.49	665.30	13.13	2111.73	52.55	29.89	29.21
0010	39 19.53	77 0.84	650.30	13.63	2111.73	52.20	30.04	29.38
0011	39 19.33	77 0.09	624.30	13.81	2111.93	50.24	28.97	28.33
0012	39 19.25	76 59.47	571.00	16.92	2115.23	48.65	29.20	28.61
0013	39 19.08	76 58.82	579.00	16.04	2114.29	48.71	28.98	28.39
0014	39 18.96	76 58.54	545.00	18.54	2116.96	48.35	29.78	29.23
0015	39 18.67	76 57.85	563.00	16.79	2115.09	48.60	29.42	28.84
0016	39 18.56	76 57.56	597.80	14.32	2112.47	49.43	29.06	28.44
0017	39 18.51	76 57.15	502.00	17.72	2116.07	44.09	26.98	26.47
0018	39 18.35	76 57.25	485.50	18.40	2116.80	43.50	26.96	26.46
0019	39 18.16	76 57.22	486.10	17.50	2115.84	42.88	26.31	25.82
0020	39 18.47	76 56.57	623.00	9.34	2107.20	46.69	25.43	24.79
0021	39 18.37	76 55.82	570.00	10.70	2108.63	43.25	23.83	23.24
0022	39 18.31	76 55.34	558.00	9.73	2107.60	41.17	22.16	21.59
0023	39 18.14	76 54.68	514.50	10.83	2108.77	38.51	20.98	20.45
0024	39 17.71	76 54.09	466.50	12.07	2110.09	35.94	20.04	19.57
0025	39 17.47	76 53.29	441.00	11.67	2109.68	32.47	18.45	18.00
0026	39 17.00	76 52.62	460.00	10.68	2108.61	34.89	19.22	18.75
0027	39 16.77	76 52.07	448.80	9.66	2107.53	32.11	17.82	17.36
0028	39 16.66	76 51.69	426.00	11.35	2109.32	32.92	16.40	17.97
0029	39 16.51	76 51.06	352.00	15.10	2113.10	30.15	16.15	17.79
0030	39 16.39	76 50.34	363.00	12.49	2110.33	28.59	16.23	15.85
0031	39 16.29	76 49.63	379.50	14.01	2112.14	31.90	18.97	18.58
0032	39 16.19	76 49.04	301.80	18.24	2118.62	29.23	16.95	16.64
0033	39 16.13	76 48.63	262.80	20.08	2118.57	27.60	16.64	16.37
0034	39 16.11	76 48.04	189.20	22.83	2121.48	23.62	17.17	16.98
0035	39 15.96	76 47.77	206.70	21.46	2120.04	24.04	17.00	16.79
0036	39 15.88	76 47.39	135.70	25.40	2124.21	21.65	17.03	16.89
0037	39 15.80	76 47.39	134.20	25.35	2124.16	21.58	17.00	16.86
0038	39 15.69	76 47.23	130.00	25.91	2124.75	21.93	17.50	17.37
0039	39 15.57	76 47.09	125.50	27.08	2125.99	22.92	18.65	18.52
0040	39 15.39	76 46.98	120.20	27.18	2126.10	22.61	18.71	18.59
0041	39 15.37	76 46.56	116.00	28.04	2127.03	23.36	19.41	19.29
0042	39 15.27	76 46.32	111.60	28.26	2127.24	23.32	19.51	19.40
0043	39 15.12	76 46.17	107.30	28.11	2127.09	22.98	19.32	19.21
0044	39 15.06	76 45.91	109.10	27.97	2126.84	23.09	19.37	19.25
0045	39 14.89	76 45.52	100.50	27.28	2126.20	21.79	18.37	18.26
0046	39 14.85	76 45.36	95.30	27.47	2126.41	21.57	18.32	18.22
0047	39 14.76	76 45.21	93.60	26.65	2125.54	20.67	17.48	17.38
0048	39 14.68	76 45.09	91.50	27.14	2126.05	21.10	17.98	17.89
0049	39 14.54	76 45.00	89.00	26.99	2126.90	20.92	17.89	17.80
0050	39 14.40	76 44.84	85.00	27.39	2126.32	21.17	18.28	18.19
0051	39 14.25	76 44.64	82.50	27.33	2126.26	21.09	18.28	18.19
0052	39 14.07	76 44.50	79.10	26.97	2125.87	20.66	17.96	17.88
0053	39 13.93	76 44.39	76.20	26.53	2125.41	20.13	17.53	17.45
0054	39 13.89	76 44.02	72.00	25.42	2124.23	18.61	16.15	16.08
0055	39 13.82	76 43.75	70.80	23.95	2122.67	17.04	14.63	14.56
0056	39 13.76	76 43.48	70.50	22.05	2120.66	15.09	12.69	12.61

PIEDMONT HUNARD CO MD 66 M55C2030SCAGUS GBV=980097.25 MSV=1.0598 DL=2.67 U2=2.75 IREF= 189C

0057	39	13.72	76	43.35	71.00	21.23	2119.79	14.33	11.91	11.83
0458	39	12.61	76	43.17	70.50	19.41	2117.87	12.51	10.11	10.04
0059	39	13.46	76	42.94	70.50	18.18	2116.56	11.43	9.03	8.95
0060	39	13.37	76	41.75	69.50	18.44	2116.84	11.74	9.37	9.30
0062	39	12.95	76	42.91	69.50	19.90	2118.38	10.96	9.58	9.54
0063	39	12.81	76	42.68	69.50	18.20	2116.38	12.11	9.74	9.67
0064	39	12.77	76	42.51	65.20	17.47	2115.80	11.14	8.91	8.85
0065	39	12.71	76	42.17	30.20	18.90	2117.32	9.42	8.39	8.36
0066	39	12.50	76	41.69	19.10	16.82	2115.12	6.26	5.61	5.59
0067	39	12.22	76	41.59	145.00	8.83	2106.65	9.94	4.85	4.85
0068	39	12.22	76	41.68	143.20	24.67	2123.44	21.08	16.20	16.06
0069	39	12.34	76	41.50	151.00	25.38	2124.19	22.38	17.24	17.08
0070	39	12.52	76	41.40	155.00	25.75	2124.59	22.89	17.61	17.45
0071	39	12.72	76	41.31	161.10	27.32	2126.25	24.64	19.35	19.19
0072	39	12.91	76	41.19	166.10	30.10	2129.20	27.98	22.32	22.15
0073	39	12.14	76	41.14	171.50	30.96	2130.10	29.06	23.21	23.03
0074	39	12.36	76	41.14	177.00	31.25	2130.41	29.56	23.53	23.35
0075	39	12.54	76	41.04	183.00	30.63	2129.74	29.20	22.97	22.78
0076	39	12.67	76	40.91	185.60	32.06	2131.27	30.77	24.45	24.26
0077	39	12.87	76	40.98	191.50	31.96	2131.16	30.92	24.40	24.20
0078	39	12.97	76	41.19	193.50	30.39	2129.50	29.29	22.70	22.50
0079	39	12.17	76	41.69	198.80	26.86	2129.76	25.76	18.99	18.78
0080	39	12.36	76	41.81	200.50	25.59	2124.41	24.29	17.46	17.25
0081	39	12.52	76	41.64	209.10	28.16	2127.14	27.22	20.23	20.02
0082	39	12.72	76	41.40	208.50	29.39	2128.44	28.53	21.43	21.22
0083	39	12.88	76	41.86	211.10	26.51	2125.39	25.51	18.81	18.09
0084	39	12.90	76	42.08	216.50	24.01	2122.74	23.33	15.96	15.73
0085	39	12.96	76	42.30	219.70	23.73	2122.49	23.23	15.76	15.54
0086	39	12.89	76	42.54	224.40	22.76	2121.41	22.80	15.14	14.91
0087	39	12.75	76	42.09	467.10	11.89	2109.89	35.76	19.85	19.37
0088	39	12.00	76	54.04	439.50	14.19	2112.33	35.24	20.26	19.81
0089	39	12.39	76	53.98	448.20	14.54	2112.70	35.84	20.57	20.11
0090	39	12.98	76	53.93	465.30	12.80	2110.86	36.62	20.08	19.58
0091	39	12.75	76	53.91	467.20	13.98	2112.11	36.52	20.60	20.12
0092	39	12.00	76	48.89	229.30	23.72	2122.49	24.11	16.29	16.06
0093	39	12.00	76	49.14	236.00	23.51	2122.21	24.51	16.44	16.22
0094	39	12.02	76	49.31	245.60	22.58	2122.25	24.95	16.74	16.50
0095	39	12.16	76	49.64	245.60	22.96	2121.62	24.97	16.20	15.95
0096	39	12.01	76	49.84	250.00	21.51	2120.09	23.66	15.14	14.89
0097	39	12.96	76	50.12	254.30	20.95	2119.49	23.55	14.88	14.62
0098	39	12.00	76	50.31	257.30	21.41	2119.94	24.28	15.51	15.25
0099	39	12.00	76	50.60	259.70	21.53	2120.11	24.63	15.78	15.52
0100	39	12.00	76	50.95	262.00	21.78	2120.37	25.11	16.16	15.91
0101	39	12.97	76	51.16	263.90	22.18	2120.80	25.63	16.49	16.42
0102	39	12.12	76	51.29	259.30	22.96	2121.62	25.93	17.09	17.09
0103	39	12.34	76	51.37	263.00	23.28	2121.97	26.28	17.32	17.05
0104	39	12.53	76	51.47	267.10	23.50	2122.20	26.42	17.52	17.24
0105	39	12.67	76	51.69	269.50	24.08	2122.81	27.26	18.07	17.80
0106	39	12.88	76	51.89	271.70	24.66	2123.43	27.77	18.51	18.23
0107	39	12.91	76	52.21	274.70	24.86	2123.64	28.22	18.86	18.58
0108	39	12.89	76	52.51	278.00	25.11	2123.91	28.81	19.24	19.06
0109	39	12.04	76	52.66	280.80	25.54	2124.36	29.32	19.75	19.46
0110	39	12.25	76	52.71	283.50	25.59	2124.41	29.32	19.67	19.38
0111	39	12.38	76	52.44	286.30	25.51	2124.33	29.30	19.55	19.25
0112	39	12.60	76	52.79	289.10	25.56	2124.38	29.30	19.45	19.15
0113	39	12.77	76	52.88	291.50	25.53	2124.35	29.23	19.30	19.00
0114	39	12.94	76	53.04	294.70	25.47	2124.29	29.23	19.19	18.89
0115	39	12.14	76	53.29	294.50	25.46	2124.27	28.90	18.84	18.56
0116	39	12.16	76	53.46	294.60	25.76	2124.59	29.20	19.16	18.86
0117	39	12.07	76	53.77	294.70	26.51	2125.39	30.14	20.10	19.80

0118	39	21.09	76	53.96	291.70	27.05	2125.96	30.40	20.46	20.16
0119	39	21.19	76	54.27	300.80	26.16	2127.16	32.30	22.05	21.74
0120	39	21.18	76	54.05	295.50	27.46	2126.40	31.05	20.98	20.68
0121	39	21.14	76	54.50	304.50	28.46	2127.48	33.04	22.67	22.36
0122	39	21.07	76	54.81	308.50	28.99	2128.02	34.05	23.54	23.23
0123	39	21.14	76	55.06	308.50	29.65	2128.72	34.05	24.14	23.83
0124	39	21.18	76	55.34	309.00	30.62	2129.74	35.67	25.14	24.82
0125	39	21.21	76	55.50	310.20	21.52	2130.70	36.72	26.14	25.82
0126	39	21.25	76	55.66	312.00	31.78	2130.98	37.09	26.46	26.15
0127	39	21.34	76	55.86	314.60	31.76	2130.95	37.18	26.45	26.13
0128	39	21.47	76	56.04	319.00	31.11	2130.27	36.71	25.84	25.51
0129	39	21.54	76	56.34	323.30	30.99	2130.13	36.88	25.86	25.53
0130	39	21.51	76	56.59	329.00	31.12	2130.27	37.59	26.38	26.05
0131	39	21.64	76	56.79	334.00	30.74	2129.87	37.48	26.10	25.76
0132	39	21.59	76	57.04	339.00	30.55	2129.56	37.70	26.15	25.81
0133	39	21.48	76	57.27	347.90	29.99	2129.08	38.18	26.34	25.99
0134	39	21.44	76	57.51	354.10	29.55	2128.61	38.40	26.33	25.97
0135	39	21.54	76	57.77	361.00	29.30	2128.34	38.64	26.44	26.07
0136	39	21.69	76	57.89	368.20	29.20	2128.24	38.99	26.44	26.07
0137	39	21.84	76	58.16	377.10	29.23	2128.27	39.64	26.79	26.40
0138	39	21.80	76	58.37	383.00	29.03	2128.08	40.06	27.00	26.61
0139	39	21.71	76	58.88	408.00	28.62	2127.62	42.09	28.18	27.77
0140	39	21.71	76	59.25	418.50	28.29	2127.27	42.54	28.34	27.92
0141	39	21.64	76	59.47	417.30	28.22	2127.20	42.64	28.42	28.00
0142	39	21.50	76	59.71	419.60	27.98	2126.95	42.82	28.52	28.10
0143	39	21.38	77	59.84	423.50	27.78	2126.73	42.14	28.71	28.28
0144	39	21.29	77	0.0	428.20	27.45	2126.38	43.36	28.77	28.34
0145	39	21.38	77	0.42	431.90	26.82	2125.72	43.02	28.32	27.87
0146	39	21.31	77	0.21	430.00	27.53	2126.25	43.36	28.71	28.27
0147	39	21.28	77	0.67	438.00	26.15	2125.01	43.67	28.53	28.08
0148	39	21.17	77	0.91	444.20	26.53	2125.41	43.97	28.78	28.33
0149	39	21.19	77	1.19	449.70	26.33	2125.20	44.97	29.27	28.33
0150	39	21.25	77	1.56	453.20	26.65	2125.54	44.58	29.27	28.61
0151	39	21.86	77	1.75	453.20	26.84	2125.73	44.23	28.76	28.32
0152	39	21.32	77	2.04	455.30	27.11	2126.02	45.51	29.99	29.53
0153	39	21.56	77	2.56	462.00	27.52	2126.47	46.22	30.48	30.01
0154	39	21.61	77	2.77	469.00	27.11	2126.02	46.36	30.38	29.90
0155	39	21.75	77	3.02	476.00	26.84	2125.72	46.54	30.32	29.84
0156	39	21.69	77	3.27	482.10	26.90	2125.80	47.27	30.64	30.35
0157	39	21.59	77	3.51	492.50	26.00	2124.85	47.43	30.65	30.15
0158	39	21.64	77	3.71	496.30	25.42	2124.23	47.10	30.19	29.69
0159	39	21.76	77	4.90	503.50	24.90	2123.68	47.05	29.89	29.36
0160	39	21.79	77	4.20	510.50	24.58	2123.44	47.65	30.26	29.74
0161	39	21.89	77	4.46	519.00	24.58	2123.34	47.98	30.30	29.77
0162	39	22.00	77	4.77	525.50	24.49	2123.25	48.35	30.44	29.91
0163	39	22.04	77	5.00	534.00	23.60	2123.02	49.12	30.65	29.99
0164	39	22.08	77	5.29	545.10	23.02	2122.30	49.40	30.50	29.93
0165	39	22.08	77	5.59	554.70	22.35	2121.69	49.64	30.39	29.82
0166	39	22.09	77	5.88	565.00	22.93	2120.98	49.64	30.57	30.57
0167	39	22.04	77	6.25	581.20	22.09	2120.70	50.97	31.16	30.57
0168	39	22.01	77	6.38	588.30	21.73	2120.32	51.30	31.25	30.65
0169	39	21.94	77	6.64	598.60	21.12	2119.68	51.73	31.33	30.72
0170	39	21.94	77	6.94	609.60	20.74	2119.27	52.92	31.59	30.96
0171	39	21.89	77	7.19	619.00	20.37	2118.68	52.92	31.83	31.20
0172	39	21.79	77	7.50	632.30	19.93	2118.41	53.85	32.31	31.66
0173	39	21.69	77	7.77	642.50	19.05	2117.48	54.03	32.14	31.48
0174	39	21.59	77	8.01	652.50	18.31	2116.70	54.32	32.09	31.42
0175	39	21.57	77	8.27	669.60	17.32	2115.69	54.54	31.87	31.19
0176	39	21.64	77	8.54	671.20	16.32	2114.59	54.91	31.04	30.35
0177	39	21.68	77	8.77	687.20	15.07	2113.27	54.03	30.62	29.91
0178	39	21.69	77	9.07	697.20	13.52	2111.62	53.32	29.56	28.85

0179	39	14.27	76	50.04	391.00	9.49	2107.35	31.17	17.85	17.45
0180	39	14.06	76	49.84	401.10	8.45	2106.25	31.34	17.67	17.26
0181	39	13.87	76	49.12	445.00	5.08	2102.68	32.17	17.01	16.56
0182	39	13.64	76	49.51	437.20	4.86	2103.45	31.55	16.45	16.20
0183	39	13.54	76	49.04	478.10	2.00	2099.41	32.51	16.22	15.73
0184	39	13.45	76	48.71	520.80	-1.05	2096.18	33.42	15.68	15.14
0185	39	13.20	76	48.46	517.00	-1.16	2096.06	33.31	15.49	15.17
0186	39	12.94	76	48.31	460.70	2.17	2099.59	31.94	16.24	15.77
0187	39	12.72	76	48.09	412.80	5.51	2103.13	31.29	17.23	16.80
0188	39	12.50	76	47.84	393.30	8.06	2105.64	32.50	19.10	18.70
0189	39	12.17	76	47.71	395.80	6.94	2104.65	32.02	18.53	18.13
0190	39	11.88	76	47.67	348.50	8.41	2106.20	29.55	17.60	17.32
0191	39	11.57	76	47.62	334.50	8.60	2106.41	28.90	17.50	17.15
0192	39	11.23	76	47.39	288.70	12.43	2110.47	29.15	19.31	19.02
0193	39	11.04	76	47.25	290.50	13.12	2111.20	30.33	20.43	20.13
0194	39	10.71	76	47.20	301.00	11.74	2109.73	30.41	20.13	19.82
0195	39	10.32	76	47.12	232.50	14.13	2112.27	26.99	19.07	18.83
0196	39	9.87	76	46.81	274.00	9.75	2107.62	26.92	17.58	17.30
0197	39	9.06	76	46.59	172.50	12.63	2110.68	21.62	15.74	15.56
0198	39	9.19	76	46.50	167.20	12.83	2110.89	21.12	15.45	15.28
0199	39	9.38	76	46.34	164.70	13.07	2111.15	20.89	15.28	15.11
0200	39	9.75	76	46.04	158.20	12.93	2111.00	19.60	14.21	14.05
0201	39	10.00	76	45.87	147.00	13.43	2111.52	18.70	13.49	13.54
0202	39	10.00	76	46.32	162.10	14.40	2112.55	21.14	15.61	15.45
0203	39	10.48	76	46.60	190.00	15.49	2113.92	24.42	17.95	17.75
0204	39	10.77	76	46.19	203.30	13.15	2111.28	22.55	15.42	15.42
0205	39	10.91	76	45.98	203.20	14.21	2111.29	22.40	15.47	15.27
0206	39	11.20	76	45.54	199.80	13.58	2111.69	22.05	15.14	15.04
0207	39	11.08	76	45.42	155.80	14.30	2112.45	18.85	13.54	13.38
0208	39	10.84	76	45.09	107.10	15.38	2113.60	15.78	12.12	12.02
0209	39	10.64	76	44.92	133.10	13.49	2111.59	16.50	11.96	11.83
0210	39	10.51	76	44.98	128.30	13.58	2111.69	16.34	11.97	11.84
0211	39	10.14	76	45.59	139.70	13.25	2111.34	17.61	12.85	12.70
0212	39	10.26	76	45.32	136.00	13.11	2111.19	16.94	12.30	12.16
0213	39	10.87	76	44.68	120.00	13.75	2111.87	15.20	11.11	10.99
0214	39	11.13	76	44.51	112.10	14.48	2112.64	13.86	11.04	10.92
0215	39	11.52	76	43.50	97.60	15.40	2113.62	13.90	10.57	10.47
0216	39	11.42	76	44.39	85.50	16.47	2114.75	14.03	11.12	11.03
0217	39	11.52	76	43.44	90.50	15.39	2113.60	13.21	10.12	10.03
0218	39	11.76	76	43.37	149.00	12.40	2110.44	15.19	9.49	9.96
0219	39	12.04	76	43.34	229.00	7.68	2105.43	17.29	9.49	9.26
0220	39	12.16	76	43.27	221.00	8.14	2105.92	16.87	9.33	9.11
0221	39	12.60	76	42.91	160.00	12.87	2110.93	15.48	10.03	9.87
0222	39	12.44	76	43.31	193.10	10.39	2106.30	16.21	9.63	9.43
0223	39	12.37	76	43.56	230.80	8.28	2106.07	17.63	9.76	9.53
0224	39	11.89	76	44.39	165.30	14.30	2112.45	18.55	12.91	12.75
0225	39	11.61	76	44.90	131.00	17.99	2116.36	19.64	15.18	15.04
0226	39	11.54	76	45.04	125.70	18.74	2117.16	20.05	15.76	15.64
0227	39	11.82	76	47.67	348.70	8.07	2115.84	29.30	17.42	17.06
0228	39	12.43	76	42.69	70.50	16.84	2115.14	11.53	9.13	9.06
0229	39	12.16	76	42.80	74.50	16.74	2115.03	12.20	9.46	9.58
0230	39	12.69	76	44.19	211.80	15.51	2113.73	23.03	15.81	15.59
0231	39	12.84	76	43.91	210.70	15.11	2113.30	22.28	15.10	14.88
0232	39	13.00	76	43.77	234.60	12.33	2110.36	21.53	13.47	13.23
0233	39	13.13	76	43.21	257.10	9.51	2107.37	20.29	11.52	11.26
0234	39	12.69	76	44.52	258.00	14.33	2112.48	26.11	17.32	17.06
0235	39	13.37	76	44.62	284.10	13.46	2111.55	26.65	16.97	16.68
0236	39	12.66	76	45.00	265.00	14.64	2112.60	27.15	18.12	17.85
0237	39	12.64	76	45.42	333.10	11.43	2109.37	30.16	18.41	18.46
0238	39	12.66	76	45.42	277.10	15.19	2113.39	28.88	19.43	19.15
0239	39	12.77	76	45.86	367.80	10.15	2108.05	31.90	19.37	18.99

0240	39	12.85	76	46.46	393.60	8.62	2106.43	32.54	19.14	18.74
0241	39	12.84	76	47.04	403.79	7.94	2105.71	33.03	19.20	18.79
0242	39	12.57	76	47.02	389.00	8.70	2106.52	32.66	19.40	19.00
0243	39	12.25	76	48.91	380.60	8.24	2106.02	31.86	18.89	18.50
0244	39	11.96	76	46.87	327.30	9.58	2107.45	28.68	17.53	17.19
0245	39	11.75	76	46.79	302.20	10.04	2107.93	27.12	16.82	16.51
0246	39	11.56	76	46.50	251.30	14.64	2113.02	27.70	19.14	18.68
0247	39	11.37	76	46.27	216.00	17.00	2115.91	26.99	19.14	19.37
0248	39	13.12	76	47.27	402.00	8.52	2106.32	32.87	19.17	18.76
0249	39	13.06	76	47.34	426.50	6.46	2104.14	33.28	18.67	18.24
0250	39	13.71	76	47.42	504.00	1.83	2099.23	34.51	17.34	16.83
0251	39	13.87	76	47.55	500.20	1.95	2099.36	34.05	17.00	16.49
0252	39	14.28	76	48.59	484.10	3.61	2101.33	33.90	17.40	16.91
0253	39	14.50	76	48.21	477.80	4.38	2101.94	33.60	17.32	16.83
0254	39	14.78	76	46.77	429.70	8.73	2106.55	33.26	18.62	18.18
0255	39	15.00	76	47.91	429.00	9.72	2107.59	33.92	19.31	18.87
0256	39	15.21	76	48.54	403.00	11.51	2109.49	33.24	19.44	19.03
0257	39	15.21	76	48.87	397.70	11.31	2109.28	32.35	18.80	18.39
0258	39	14.78	76	49.80	373.70	11.04	2108.99	30.44	17.71	17.32
0259	39	15.04	76	49.04	363.20	11.42	2109.40	29.66	17.22	16.85
0260	39	14.17	76	48.44	438.70	5.50	2103.12	31.59	16.64	16.19
0261	39	13.89	76	47.94	490.00	2.51	2099.95	33.65	16.95	16.45
0262	39	13.71	76	48.54	501.70	0.53	2097.85	32.92	15.82	15.31
0263	39	13.52	76	48.29	506.50	-0.25	2097.03	32.83	15.97	15.05
0264	39	14.37	76	47.32	418.00	8.04	2105.81	32.03	17.79	17.36
0265	39	14.52	76	47.04	457.70	9.16	2103.82	33.95	17.96	17.49
0266	39	13.39	76	50.79	347.60	9.52	2107.38	28.42	16.98	16.22
0267	39	13.19	76	50.59	338.30	9.47	2107.33	27.79	16.26	15.91
0268	39	13.00	76	50.34	403.30	4.78	2102.36	29.42	19.60	15.19
0269	39	12.85	76	50.09	399.00	4.96	2102.55	29.22	15.62	15.21
0270	39	12.75	76	50.07	424.50	2.96	2100.43	29.65	15.18	14.75
0271	39	12.44	76	49.87	416.30	3.65	2101.14	30.07	15.88	15.45
0272	39	12.04	76	49.24	328.60	8.81	2106.63	28.82	17.28	16.93
0273	39	12.14	76	48.37	378.00	8.64	2106.45	32.18	19.31	18.92
0274	39	12.59	76	48.59	433.50	3.88	2101.41	31.70	16.93	16.48
0275	39	12.89	76	49.09	389.00	5.85	2103.49	29.15	15.90	15.50
0276	39	13.35	76	46.77	390.00	9.00	2106.83	31.91	16.62	16.22
0277	39	13.76	76	46.91	471.10	3.83	2101.35	33.46	17.41	16.93
0278	39	13.62	76	46.00	325.00	11.56	2109.55	28.96	17.58	17.24
0279	39	13.67	76	46.46	445.20	5.21	2102.81	32.43	17.33	16.88
0280	39	14.30	76	46.19	445.00	5.59	2103.22	33.95	18.11	17.64
0281	39	14.75	76	46.45	263.00	18.85	2117.27	28.53	19.50	19.23
0282	39	14.41	76	46.76	316.00	14.04	2112.17	28.73	17.96	17.64
0283	39	15.02	76	45.84	110.00	27.82	2126.77	31.06	19.31	19.20
0284	39	15.14	76	46.87	344.00	15.29	2113.90	31.62	19.90	19.54
0285	39	15.30	76	47.25	360.00	13.79	2111.91	33.17	20.23	19.84
0286	39	15.59	76	47.61	352.00	15.63	2113.86	32.06	20.07	19.71
0287	39	15.34	76	47.89	294.00	18.78	2117.20	30.31	20.30	20.00
0288	39	14.51	76	47.79	499.00	4.45	2102.01	35.16	18.33	17.82
0289	39	14.34	76	47.54	434.50	7.41	2105.15	32.92	18.12	17.68
0290	39	14.86	76	48.29	442.00	8.61	2105.78	33.93	18.47	18.02
0291	39	15.07	76	48.42	437.10	11.51	2109.49	36.48	21.58	21.14
0292	39	15.56	76	48.50	372.00	14.98	2113.17	33.30	20.63	20.25
0293	39	15.69	76	48.60	384.60	14.39	2112.55	33.68	20.57	20.18
0294	39	15.86	76	48.26	304.50	17.61	2115.95	29.30	18.92	18.61
0295	39	15.96	76	47.69	141.00	24.94	2123.73	21.55	16.74	16.60
0296	39	16.44	76	47.61	159.30	26.73	2123.50	22.34	16.91	16.74
0297	39	16.04	76	47.94	229.70	20.39	2116.90	24.95	17.12	16.88
0298	39	16.67	76	47.69	217.00	23.00	2121.67	25.60	18.20	17.98
0299	39	16.64	76	48.44	394.80	12.01	2110.02	30.72	17.24	16.86
0300	39	9.67	76	53.19	381.60	2.80	2100.26	28.09	15.77	15.40

0301	39	10.46	76	52.80	340.00	3.70	2101.21	25.84	14.26	13.91
0302	39	11.25	76	52.20	353.50	3.51	2101.02	25.77	13.72	13.36
0303	39	11.54	76	52.02	391.60	1.86	2099.27	27.17	13.82	13.42
0304	39	11.94	76	51.72	355.80	4.33	2101.88	25.83	13.71	13.34
0305	39	12.40	76	51.39	304.10	8.24	2106.02	24.43	14.07	13.76
0306	39	12.68	76	51.23	307.80	8.85	2106.67	25.02	14.53	14.21
0307	39	13.02	76	51.04	327.50	9.12	2106.96	26.65	15.49	15.16
0308	39	16.94	76	48.59	356.20	14.33	2112.48	29.10	16.96	16.59
0309	39	17.20	76	48.20	414.30	13.06	2111.13	32.83	18.72	18.29
0310	39	17.04	76	47.59	396.20	16.32	2114.59	34.82	21.32	20.92
0311	39	17.23	76	47.84	378.80	16.85	2115.15	33.47	20.36	20.17
0312	39	17.41	76	47.64	386.80	15.70	2113.93	32.74	19.55	19.16
0313	39	17.34	76	47.38	431.60	14.44	2112.62	35.74	21.03	20.59
0314	39	17.55	76	47.59	420.60	15.45	2113.66	35.44	21.11	20.68
0315	39	17.79	76	47.19	368.80	21.42	2119.99	36.55	23.98	23.60
0316	39	17.50	76	48.00	415.20	13.90	2112.02	33.38	19.23	18.81
0317	39	17.69	76	48.20	470.00	10.27	2108.18	34.40	18.38	17.90
0318	39	17.59	76	48.21	460.00	10.62	2108.55	33.96	18.29	17.82
0319	39	17.27	76	48.37	447.50	11.72	2109.71	34.43	19.18	18.73
0320	39	17.26	76	48.59	353.50	15.31	2113.52	29.40	17.36	17.00
0321	39	17.58	76	48.61	442.50	11.17	2109.13	32.93	17.85	17.40
0322	39	17.44	76	48.46	376.20	14.79	2112.97	30.73	17.91	17.53
0323	39	17.96	76	48.84	469.00	8.72	2106.53	32.26	16.28	15.80
0324	39	17.75	76	48.56	471.00	8.79	2106.61	33.41	17.16	16.67
0325	39	18.06	76	48.48	474.60	7.82	2105.58	31.68	15.51	15.03
0326	39	18.45	76	48.18	433.00	11.61	2109.59	31.20	16.45	16.01
0327	39	18.01	76	49.09	483.00	8.47	2106.27	33.23	16.77	16.28
0328	39	18.11	76	49.28	475.20	6.85	2106.67	32.76	16.57	16.08
0329	39	17.88	76	49.58	415.20	12.49	2110.53	31.32	17.17	16.74
0330	39	18.15	76	49.72	478.50	9.15	2108.99	33.33	17.03	16.54
0331	39	18.44	76	49.81	428.00	12.03	2110.04	31.19	16.41	16.17
0332	39	18.00	76	50.08	448.00	10.99	2108.94	32.64	17.38	16.92
0333	39	17.34	76	50.22	479.30	8.97	2106.80	34.41	18.07	17.58
0334	39	17.87	76	50.44	478.30	9.23	2107.08	33.81	17.51	17.03
0335	39	17.64	76	50.44	475.60	8.95	2106.78	33.60	17.39	16.91
0336	39	17.64	76	50.09	467.70	9.22	2107.06	33.14	17.20	16.72
0337	39	17.47	76	49.84	462.50	8.91	2106.73	32.56	16.81	16.33
0338	39	17.14	76	49.75	422.70	10.66	2108.59	31.17	16.77	16.34
0339	39	16.79	76	49.59	405.00	11.02	2108.97	30.39	16.59	16.18
0340	39	16.61	76	49.54	400.70	11.37	2109.34	30.64	16.98	16.57
0341	39	16.27	76	49.49	340.00	17.98	2116.35	32.43	20.84	20.50
0342	39	16.34	76	48.61	307.00	16.60	2114.88	27.75	17.29	16.98
0343	39	11.68	76	51.89	405.50	1.04	2098.40	27.39	13.58	13.17
0344	39	10.62	76	52.69	357.00	2.86	2100.32	26.32	14.15	13.79
0345	39	10.06	76	53.09	268.10	7.13	2097.85	23.32	14.18	13.91
0346	39	9.50	76	53.31	410.20	0.54	2097.87	30.54	16.56	16.14
0347	39	8.96	76	53.16	405.00	2.03	2099.45	32.41	18.61	18.19
0348	39	9.20	76	53.56	351.50	4.60	2102.17	29.74	17.76	17.41
0349	39	12.26	76	51.47	305.60	7.74	2105.49	24.25	13.83	13.52
0350	39	16.07	76	48.94	390.00	13.52	2111.62	32.70	19.41	19.01
0351	39	17.22	76	50.44	412.00	12.04	2110.05	31.50	17.47	17.04
0352	39	17.38	76	50.27	431.50	10.60	2108.52	31.57	16.87	16.43
0353	39	17.81	76	50.72	456.00	10.44	2108.36	33.08	17.54	17.07
0354	39	17.87	76	51.34	484.10	9.09	2109.36	34.21	17.71	17.32
0355	39	18.09	76	51.71	485.50	9.47	2107.33	34.41	17.87	17.37
0356	39	17.64	76	51.39	442.00	11.29	2109.26	32.91	17.85	17.40
0357	39	17.58	76	51.12	439.20	11.19	2109.15	32.63	17.67	17.22
0358	39	17.40	76	51.42	432.00	11.83	2109.83	32.89	18.17	17.73
0359	39	17.04	76	51.91	393.30	13.65	2111.76	31.72	18.32	17.92
0360	39	16.75	76	51.62	408.00	12.58	2110.62	32.40	18.50	18.09
0361	39	16.50	76	51.71	384.00	13.42	2111.52	31.40	18.31	17.92

0362	39	16.44	76	50.54	362.00	13.15	211.23	29.12	16.79	16.42
0363	39	16.34	76	50.19	360.00	12.93	211.00	28.85	16.59	16.22
0364	39	16.54	76	49.92	370.00	13.33	211.42	29.92	17.31	16.94
0365	39	15.91	76	50.00	414.20	10.65	2108.58	32.17	18.06	17.63
0366	39	15.97	76	49.68	393.00	13.00	2111.07	32.57	19.18	17.63
0367	39	15.50	76	49.90	335.00	13.68	2112.00	28.75	17.34	17.00
0368	39	15.44	76	50.03	333.70	13.84	2111.96	28.68	17.30	16.96
0369	39	15.39	76	49.42	401.10	11.85	2109.85	32.98	19.31	18.90
0370	39	15.79	76	51.00	349.00	12.96	2111.00	30.10	18.21	17.86
0371	39	15.32	76	51.41	450.60	7.96	2105.73	33.61	18.24	17.80
0372	39	15.38	76	51.91	498.00	5.24	2102.87	35.12	18.15	17.64
0373	39	14.84	76	52.06	418.60	8.91	2106.73	32.32	18.05	17.63
0374	39	13.64	76	52.00	459.60	8.30	2106.09	34.05	18.39	17.92
0375	39	16.22	76	52.04	413.00	11.29	2109.26	32.28	18.21	17.79
0376	39	16.20	76	50.70	439.20	11.75	2109.74	32.31	17.35	16.90
0377	39	18.36	76	51.09	444.50	11.58	2109.56	32.40	17.25	16.79
0378	39	19.19	76	51.79	423.00	14.39	2112.55	32.13	17.71	17.08
0379	39	18.64	76	51.71	443.00	12.32	2110.35	32.62	17.91	19.46
0380	39	19.00	76	53.01	444.00	15.00	2113.19	39.04	19.91	19.46
0381	39	19.45	76	52.64	431.00	16.44	2114.72	34.67	19.98	19.54
0382	39	18.59	76	53.29	513.00	10.62	2108.55	37.47	20.00	19.47
0383	39	17.67	76	52.46	485.00	11.12	2109.08	36.73	20.20	19.71
0384	39	19.54	76	53.94	449.00	15.52	2113.74	39.35	19.95	19.49
0385	39	20.14	76	54.34	393.00	19.73	2116.20	33.56	20.17	19.77
0386	39	20.64	76	54.14	349.00	22.95	2121.62	32.10	20.21	19.85
0387	39	20.46	76	53.56	490.00	14.12	2112.27	36.27	19.58	19.08
0388	39	19.25	76	54.77	531.00	12.22	2110.24	39.90	21.81	21.27
0389	39	19.27	76	55.39	598.00	10.33	2108.24	44.16	23.79	23.18
0390	39	19.94	76	55.69	453.00	20.80	2119.34	40.63	25.20	24.79
0391	39	20.50	76	55.30	273.00	25.54	2124.16	27.22	24.61	24.23
0392	39	19.09	76	56.41	645.00	9.36	2107.21	47.82	25.84	25.18
0393	39	19.14	76	56.90	638.30	11.19	2109.15	49.06	27.31	26.66
0394	39	19.76	76	56.91	610.00	15.18	2113.38	49.71	28.93	28.30
0395	39	20.27	76	57.19	558.20	18.24	2116.62	47.34	28.32	27.75
0396	39	20.41	76	56.26	595.00	16.16	2114.42	48.36	28.11	27.50
0397	39	21.00	76	56.78	509.00	21.24	2119.80	44.82	27.48	26.96
0398	39	20.96	76	57.80	448.00	24.23	2122.97	42.29	27.03	26.57
0400	39	20.67	76	58.38	555.00	17.96	2116.33	46.14	27.23	26.86
0401	39	21.18	76	58.77	495.00	22.41	2121.05	44.46	27.60	27.09
0402	39	21.14	76	59.29	578.50	18.54	2116.95	48.27	28.57	27.97
0403	39	20.50	76	59.22	580.00	18.10	2116.48	45.47	28.88	28.29
0404	39	20.19	77	0.0	478.00	23.91	2122.43	45.47	29.18	29.63
0405	39	20.09	76	59.91	490.00	16.67	2114.96	51.26	30.26	29.63
0406	39	19.67	76	59.91	568.00	22.67	2121.32	45.87	29.18	28.68
0407	39	19.47	76	58.71	600.00	17.39	2115.66	48.16	28.81	28.23
0408	39	19.86	76	58.69	596.00	15.24	2113.45	49.26	28.82	28.20
0409	39	20.22	76	59.16	567.00	17.86	2116.22	48.92	28.62	27.93
0410	39	19.46	76	57.81	593.00	16.00	2114.25	47.82	28.51	27.93
0411	39	18.32	76	57.79	589.00	14.89	2113.07	49.42	29.42	28.61
0412	39	18.51	76	58.54	480.00	22.16	2120.78	49.54	29.46	28.88
0413	39	18.84	76	59.78	590.00	15.07	2113.27	46.72	30.37	29.88
0414	39	18.39	77	0.29	511.00	19.20	2117.64	49.63	29.33	28.72
0415	39	18.12	76	59.91	478.00	20.90	2119.45	46.67	29.27	28.74
0416	39	17.64	76	59.48	547.00	16.41	2114.69	45.77	29.49	29.00
0417	39	17.09	76	59.31	520.00	15.98	2114.23	48.21	29.58	29.02
0418	39	17.64	76	57.21	450.00	18.43	2116.85	46.02	28.31	27.78
0419	39	17.25	76	57.54	415.50	19.61	2118.08	41.23	25.90	25.44
0420	39	16.94	76	58.44	543.80	13.82	2111.94	39.82	25.67	25.24
0421	39	12.68	76	57.07	413.20	8.83	2106.65	46.20	27.67	27.12
0422	39	12.94	76	57.50	472.60	6.86	2104.56	34.91	20.82	20.40
								38.02	21.92	21.44

0423	39	13.19	76	58.04	597.10	3.27	2100.76	41.80	22.81	22.25
0424	39	13.64	76	58.34	564.20	3.32	2100.81	41.86	22.63	22.06
0425	39	14.19	76	58.46	490.30	8.00	2103.77	39.06	22.35	21.85
0426	39	14.51	76	58.55	504.10	8.65	2106.46	40.57	23.39	22.88
0427	39	14.84	76	58.69	551.20	6.41	2106.09	42.14	23.36	22.80
0428	39	15.25	76	58.79	614.50	3.29	2100.78	44.20	23.76	22.63
0429	39	15.57	76	58.96	594.20	5.25	2102.86	43.88	23.64	23.03
0430	39	15.84	76	59.04	616.20	4.67	2102.24	44.94	23.94	23.31
0431	39	16.06	76	59.14	597.50	6.69	2104.38	44.99	24.64	24.03
0432	39	16.37	76	59.25	629.20	7.19	2104.91	48.05	26.61	25.97
0433	39	16.52	76	59.14	621.30	8.32	2106.11	48.28	27.11	26.48
0434	39	16.75	76	58.89	574.80	12.32	2110.35	47.83	28.24	27.65
0435	39	16.84	76	58.71	563.30	13.21	2111.29	47.54	28.34	27.77
0436	39	17.07	76	57.81	438.30	18.44	2116.84	40.99	26.05	25.60
0437	39	17.81	76	58.09	552.00	16.47	2114.75	48.49	29.69	29.13
0438	39	17.89	76	59.36	465.50	21.89	2120.49	45.99	30.13	29.66
0439	39	18.26	76	59.12	513.00	19.50	2117.96	47.37	29.90	29.37
0440	39	17.94	76	56.34	540.00	12.50	2110.54	42.96	24.57	24.02
0441	39	17.75	76	55.68	463.00	14.05	2112.18	37.66	21.88	21.41
0442	39	17.64	76	53.11	557.00	7.76	2103.52	39.98	21.00	20.44
0443	39	17.34	76	53.34	514.00	10.16	2108.04	38.90	21.38	20.86
0444	39	16.64	76	56.41	386.10	18.19	2116.57	36.08	22.92	22.53
0445	39	16.64	76	57.07	580.00	8.29	2106.08	44.18	24.42	23.83
0446	39	17.39	76	57.68	579.00	6.27	2106.05	42.96	23.23	22.64
0447	39	16.04	76	58.41	417.00	5.68	2103.31	45.78	24.76	24.13
0448	39	15.56	76	58.22	540.50	9.16	2107.00	42.98	24.96	24.01
0449	39	15.39	76	57.71	477.00	10.68	2108.61	38.87	22.61	22.13
0450	39	15.34	76	56.91	469.00	11.67	2109.61	39.11	23.15	22.66
0451	39	15.04	76	56.29	414.00	12.47	2110.51	35.35	21.25	20.83
0452	39	15.37	76	55.67	350.00	14.87	2113.09	31.41	19.48	19.12
0453	39	15.80	76	55.36	395.00	12.54	2110.39	32.53	19.07	18.67
0454	39	15.97	76	55.71	356.00	16.34	2114.63	32.65	20.53	20.16
0455	39	15.61	76	54.89	338.00	15.48	2113.70	30.55	19.04	18.69
0456	39	16.25	76	54.75	366.00	15.22	2113.42	31.99	19.52	19.14
0457	39	16.44	76	54.11	418.00	11.98	2109.97	32.83	18.59	18.17
0458	39	17.14	76	53.71	455.00	10.60	2108.52	34.13	18.63	18.17
0459	39	17.39	76	54.34	549.00	7.12	2104.84	38.92	20.21	19.65
0460	39	16.47	76	53.29	478.00	8.75	2106.36	35.32	19.04	18.55
0461	39	15.91	76	53.50	498.00	6.71	2104.41	35.87	18.91	18.40
0462	39	15.77	76	54.19	472.00	6.09	2103.87	35.09	19.01	18.53
0463	39	15.17	76	53.64	483.00	5.32	2102.93	34.07	17.62	17.13
0464	39	14.57	76	53.39	415.00	7.93	2105.70	31.33	17.19	16.77
0465	39	14.05	76	53.44	468.30	4.59	2102.16	35.58	17.62	17.14
0466	39	8.79	76	54.29	437.50	0.61	2097.94	34.21	19.30	18.85
0467	39	9.06	76	55.89	453.00	0.89	2098.23	35.55	20.12	19.66
0468	39	9.77	76	56.02	475.00	0.36	2097.67	36.03	19.84	19.35
0469	39	9.97	76	56.56	514.30	-2.37	2094.78	36.54	19.01	18.49
0470	39	10.39	76	57.19	525.30	-1.56	2093.64	37.81	19.91	19.38
0471	39	10.78	76	57.50	532.10	-1.30	2093.91	38.15	20.02	19.48
0472	39	11.25	76	57.14	432.00	4.72	2102.30	34.43	19.71	19.27
0473	39	11.75	76	56.71	389.70	7.75	2103.51	32.92	19.64	19.25
0474	39	12.64	76	56.31	481.80	3.16	2100.64	35.41	18.99	18.50
0475	39	13.09	76	55.81	492.10	3.03	2100.51	35.98	18.81	18.31
0476	39	13.46	76	55.42	421.00	7.20	2104.92	32.76	18.42	17.99
0477	39	13.81	76	55.00	320.50	13.29	2111.37	29.24	18.32	17.99
0478	39	13.92	76	54.34	411.50	7.27	2105.00	31.26	17.24	16.82
0479	39	14.02	76	53.84	453.20	4.97	2102.56	32.61	17.16	16.70
0480	39	14.36	76	54.36	325.00	14.46	2112.62	30.09	19.02	18.69
0481	39	14.81	76	55.26	481.74	5.95	2103.60	35.16	18.75	18.26
0482	39	14.56	76	56.66	357.00	15.43	2113.65	33.84	21.68	21.31
0483	39	13.97	76	56.44	401.50	10.47	2108.39	33.65	19.96	19.55

0484	39	13.44	76	56.12	388.00	9.69	2107.77	32.53	19.31	18.92
0485	39	12.89	76	55.19	432.00	4.67	2102.24	31.95	17.23	16.79
0486	39	12.31	76	55.14	403.20	5.78	2103.42	31.28	17.54	17.13
0487	39	12.04	76	55.14	318.30	10.49	2104.41	28.69	17.84	17.51
0488	39	11.56	76	55.44	459.50	2.28	2099.71	33.96	18.31	17.64
0489	39	11.66	76	56.16	383.20	7.67	2105.42	32.36	19.30	18.91
0490	39	11.16	76	54.04	375.60	4.24	2101.79	28.75	15.95	15.56
0491	39	10.22	76	53.04	473.00	-0.11	2097.18	34.67	18.56	18.07
0492	39	10.45	76	55.47	494.00	-0.21	2097.07	36.20	19.37	18.87
0493	39	10.64	76	56.05	494.00	-1.01	2096.22	35.07	18.24	17.73
0494	39	9.61	76	53.96	424.60	0.71	2098.05	31.90	17.43	16.99
0495	39	10.19	76	53.99	405.00	1.41	2098.58	49.72	15.92	15.51
0496	39	10.68	76	53.88	291.00	8.19	2105.98	25.68	15.76	15.46
0497	39	11.17	76	53.28	274.20	10.12	2108.02	25.42	16.08	15.80
0498	39	11.00	76	52.78	404.70	0.14	2097.44	27.38	13.59	13.18
0499	39	10.79	76	52.25	384.50	1.13	2098.49	26.82	13.72	13.33
0500	39	11.62	76	52.88	398.10	1.91	2099.32	27.72	14.15	13.74
0501	39	11.75	76	53.14	396.10	1.91	2100.16	28.19	14.69	14.29
0502	39	12.29	76	53.17	420.00	2.76	2100.22	29.69	15.38	14.95
0503	39	12.62	76	53.19	457.50	1.60	2098.99	31.49	15.91	15.44
0504	39	13.12	76	53.29	458.50	2.82	2100.28	32.14	14.52	14.05
0505	39	13.71	76	53.34	486.80	2.67	2100.12	33.79	17.20	16.70
0506	39	13.34	76	54.29	417.00	6.16	2103.82	31.45	17.25	16.82
0507	39	13.57	76	53.81	460.00	4.17	2101.71	33.05	17.38	16.91
0508	39	12.64	76	53.96	422.50	4.45	2102.01	31.19	16.79	16.36
0509	39	12.06	76	53.60	406.00	3.61	2101.12	29.60	15.77	15.35
0510	39	11.39	76	54.42	457.00	1.23	2098.59	32.86	17.29	16.82
0511	39	12.08	76	52.37	397.00	2.62	2100.07	27.68	14.15	13.75
0512	39	12.93	76	52.17	409.00	4.17	2101.71	29.20	15.24	14.84
0513	39	13.49	76	51.61	340.00	9.14	2106.98	27.21	15.63	15.28
0514	39	14.07	76	50.42	336.70	12.40	2110.44	29.45	17.98	17.63
0515	39	14.36	76	50.87	318.00	13.67	2111.78	28.60	17.77	17.44
0516	39	14.27	76	51.34	410.00	8.35	2108.14	31.75	17.78	17.36
0517	39	14.14	76	52.11	416.50	7.14	2104.88	31.30	17.11	16.68
0518	39	14.12	76	52.75	442.10	5.61	2103.24	32.10	17.03	16.58
0519	39	8.64	76	53.63	401.70	2.91	2100.37	33.50	19.81	19.40
0520	39	8.14	76	52.70	404.00	2.80	2101.32	35.40	21.63	21.22
0521	39	7.69	76	51.82	339.00	9.83	2107.71	35.96	24.54	24.20
0522	39	7.50	76	51.84	331.20	9.48	2107.34	35.93	24.24	23.90
0523	39	7.29	76	52.16	295.00	10.95	2108.90	33.96	23.91	23.61
0524	39	7.09	76	51.82	316.80	9.89	2107.77	35.19	24.40	24.07
0525	39	7.04	76	51.21	240.30	16.41	2114.69	34.98	26.79	26.35
0526	39	7.16	76	51.44	155.50	19.57	2118.03	30.18	24.87	24.72
0527	39	6.86	76	51.30	194.00	17.33	2115.66	31.86	25.23	25.05
0528	39	6.03	76	50.50	155.00	20.68	2119.21	32.97	27.69	27.53
0529	39	6.41	76	50.02	172.70	18.51	2116.91	31.77	25.89	25.71
0530	39	6.56	76	49.59	170.50	15.91	2114.16	28.59	22.78	22.61
0531	39	7.12	76	49.27	191.50	13.78	2111.90	27.48	20.95	20.76
0532	39	7.33	76	48.39	157.00	14.10	2112.23	24.26	18.91	18.75
0533	39	7.39	76	47.71	169.00	12.66	2110.71	23.79	18.03	17.85
0534	39	7.54	76	47.38	170.80	11.83	2109.43	22.85	17.03	16.86
0535	39	7.96	76	47.12	169.20	11.71	2109.70	21.96	16.19	16.02
0536	39	8.42	76	47.04	169.00	11.37	2109.34	20.90	15.14	14.97
0537	39	8.69	76	46.94	170.10	11.70	2109.70	20.96	15.16	14.99
0538	39	8.55	76	47.62	210.00	10.15	2108.05	23.26	16.11	15.89
0539	39	7.64	76	47.21	237.00	9.20	2107.05	26.14	18.07	17.83
0540	39	8.10	76	48.27	172.00	14.74	2112.91	28.22	19.36	19.18
0541	39	8.67	76	48.59	219.00	14.44	2112.59	28.49	21.02	20.80
0542	39	9.02	76	48.20	278.50	9.78	2107.66	28.62	19.13	18.85
0543	39	9.41	76	47.84	185.10	15.55	2113.77	25.39	19.08	18.89
0544	39	9.71	76	47.61	217.50	13.73	2111.84	26.07	18.65	18.43

0545	39	9.94	76	47.41	195.50	15.68	2113.91	25.72	19.06	18.86
0546	39	8.00	76	49.94	242.30	18.32	2116.71	35.40	27.54	27.29
0547	39	8.14	76	50.39	305.00	16.62	2114.91	39.06	29.27	28.96
0548	39	8.36	76	51.12	353.00	11.41	2109.38	38.33	26.30	25.94
0549	39	8.86	76	51.31	381.00	8.65	2106.46	37.30	24.32	23.93
0550	39	8.94	76	52.04	392.00	5.30	2102.41	34.67	21.31	20.91
0551	39	9.02	76	52.29	407.50	3.59	2101.09	34.19	20.31	19.89
0552	39	8.25	76	54.59	410.00	2.89	2100.36	34.84	20.87	20.46
0553	39	8.39	76	53.14	385.00	3.87	2101.39	33.30	20.19	19.79
0554	39	8.55	76	52.39	323.00	9.05	2106.88	32.73	21.72	21.39
0555	39	7.92	76	52.22	385.70	5.99	2103.64	36.92	23.17	22.78
0556	39	7.54	76	51.19	280.00	14.68	2112.45	36.14	26.60	26.31
0557	39	7.61	76	50.75	294.80	16.98	2113.29	39.87	29.83	29.53
0558	39	7.44	76	50.46	304.30	15.63	2113.66	39.39	29.22	28.91
0559	39	6.97	76	49.90	233.00	15.60	2113.83	33.54	25.60	25.36
0560	39	6.88	76	51.07	231.10	18.62	2117.02	36.69	28.81	28.58
0561	39	6.66	76	50.64	187.10	18.87	2117.29	33.14	26.76	26.57
0562	39	7.39	76	49.46	153.20	20.09	2118.59	30.18	24.95	24.80
0563	39	7.30	76	49.01	129.00	18.54	2116.95	26.38	21.99	21.86
0564	39	8.03	76	49.91	132.00	19.90	2118.38	27.03	22.53	22.40
0565	39	8.39	76	49.31	239.70	15.90	2114.14	34.39	24.23	23.98
0566	39	8.66	76	49.41	279.30	14.72	2112.89	34.47	24.95	24.67
0567	39	8.08	76	49.25	150.00	21.28	2119.84	30.11	25.00	24.84
0568	39	8.94	76	49.97	234.30	20.26	2118.77	35.70	27.72	27.48
0569	39	9.04	76	50.16	313.50	16.34	2114.61	38.84	28.72	28.44
0570	39	9.39	76	50.41	362.10	12.85	2110.91	39.21	26.87	26.50
0571	39	10.01	76	51.07	269.50	11.08	2109.04	27.71	18.53	18.25
0572	39	9.59	76	50.77	309.00	11.71	2109.70	32.70	22.17	21.86
0573	39	9.31	76	51.38	367.00	8.55	2106.35	35.22	22.71	22.34
0574	39	9.59	76	51.12	238.00	14.91	2113.09	39.42	25.31	25.07
0575	39	9.81	76	51.01	325.90	8.65	2106.46	30.69	19.60	19.27
0576	39	10.38	76	52.02	391.30	1.40	2098.77	28.26	14.96	14.56
0577	39	10.04	76	52.44	331.00	4.23	2101.77	26.18	14.90	14.56
0578	39	9.79	76	52.64	252.00	8.22	2106.01	31.50	17.86	17.45
0579	39	9.19	76	52.65	400.20	1.92	2099.33	31.50	14.66	14.25
0580	39	12.47	76	51.07	402.00	3.36	2100.85	28.35	15.93	15.51
0581	39	12.07	76	50.09	407.00	3.71	2101.23	29.80	17.63	17.26
0582	39	11.62	76	50.01	363.30	7.16	2104.88	30.01	15.41	15.04
0583	39	11.39	76	50.50	366.00	4.60	2102.17	27.88	18.36	18.02
0584	39	11.36	76	49.84	329.50	9.41	2107.27	29.58	17.81	17.44
0585	39	11.09	76	49.71	354.70	7.08	2104.80	29.89	19.97	19.57
0586	39	10.62	76	49.69	393.10	6.30	2103.97	33.37	22.74	22.34
0587	39	10.04	76	49.84	385.50	8.55	2106.34	35.87	22.74	22.34
0588	39	9.54	76	49.64	317.00	14.89	2113.07	36.90	26.10	25.78
0589	39	9.34	76	49.27	274.70	15.89	2114.13	34.28	24.92	24.64
0590	39	9.56	76	48.75	326.20	11.14	2109.10	33.77	22.69	22.32
0591	39	10.00	76	48.46	316.60	11.44	2109.41	32.53	21.74	21.42
0592	39	9.98	76	48.00	254.00	14.09	2112.18	29.47	20.82	20.56
0593	39	10.18	76	47.71	258.50	13.39	2111.48	28.86	20.06	19.79
0594	39	10.59	76	48.17	341.00	10.41	2108.33	33.43	21.60	21.25
0595	39	11.27	76	48.04	308.00	11.27	2109.23	29.66	19.17	18.86
0596	39	11.04	76	48.77	350.00	9.56	2107.42	32.14	20.32	19.86
0597	39	10.64	76	49.17	355.00	9.86	2107.74	33.45	21.35	20.99
0598	39	10.62	76	51.51	341.50	6.01	2103.66	28.20	16.57	16.22
0599	39	8.61	76	55.17	423.00	1.82	2099.22	34.38	19.97	19.54
0600	39	8.94	76	56.03	352.00	6.62	2104.31	32.32	20.32	19.96
0601	39	8.73	76	56.54	446.00	0.26	2097.57	34.72	19.52	19.07
0602	39	8.33	76	56.79	416.00	1.63	2099.02	33.94	19.77	19.34
0603	39	9.27	76	57.20	367.50	4.44	2102.00	30.98	18.46	18.08
0604	39	8.75	76	57.81	302.00	7.85	2105.61	29.20	16.91	16.60
0605	39	9.29	76	58.59	293.00	10.55	2108.48	30.41	20.43	20.13

0606	39	9.71	76	58.41	297.00	11.07	2109.02	30.71	20.60	20.29
0607	39	10.07	76	58.09	417.00	4.47	2102.03	34.49	40.28	19.85
0608	39	11.14	76	58.12	339.20	0.05	2097.34	39.72	21.35	20.79
0609	39	11.56	76	58.51	533.70	1.10	2098.46	39.70	21.51	20.97
0610	39	11.00	76	58.94	504.00	2.92	2100.39	39.67	22.50	23.13
0611	39	10.61	76	59.38	475.00	5.09	2102.49	39.80	23.61	23.07
0612	39	10.04	76	59.89	296.50	14.17	2112.31	33.47	23.37	23.07
0613	39	10.72	77	0.0	308.50	15.29	2113.50	34.80	24.28	23.97
0614	39	11.04	76	59.69	476.50	6.05	2103.70	40.33	24.09	23.60
0615	39	11.57	76	59.41	498.80	5.52	2103.14	41.08	24.04	23.58
0616	39	11.64	77	0.29	381.00	12.25	2110.27	37.02	24.04	23.65
0617	39	11.85	76	59.79	518.00	4.94	2102.53	41.86	24.21	23.68
0618	39	12.00	76	58.73	503.50	4.27	2101.82	39.59	22.43	21.91
0619	39	12.16	76	58.21	495.00	4.72	2102.30	39.00	22.14	21.63
0620	39	12.28	76	57.28	440.00	6.96	2104.67	36.03	21.04	20.59
0621	39	12.67	76	57.77	925.00	3.46	2100.96	39.74	21.65	21.32
0622	39	12.91	76	58.60	570.00	1.66	2099.09	41.71	22.29	21.71
0623	39	12.27	76	58.89	423.50	9.35	2107.20	37.02	22.59	22.16
0624	39	13.04	76	59.56	533.00	3.96	2101.49	40.48	22.32	21.77
0625	39	13.44	77	0.20	389.00	12.52	2111.62	36.52	23.27	22.87
0626	39	13.14	77	0.38	372.50	14.39	2112.55	36.29	23.60	23.22
0627	39	13.77	76	59.66	538.00	4.99	2102.58	40.96	22.63	22.08
0628	39	14.34	76	59.25	581.10	3.60	2101.11	42.71	22.91	22.32
0629	39	13.89	76	58.44	491.80	7.44	2105.18	39.05	22.29	21.79
0630	39	13.34	76	58.50	591.50	1.16	2098.52	42.57	22.42	21.81
0631	39	11.70	76	57.47	465.00	4.66	2102.23	36.80	20.95	20.48
0632	39	13.79	76	57.50	500.00	5.79	2103.43	38.21	21.17	20.66
0633	39	14.46	76	59.34	390.30	3.22	2100.73	43.03	22.91	22.31
0634	39	14.25	76	59.84	561.00	5.28	2102.89	42.74	23.63	23.06
0635	39	14.54	77	0.18	479.00	10.78	2108.72	40.42	24.10	23.61
0636	39	14.89	77	0.39	441.50	15.08	2113.27	40.93	25.89	25.44
0637	39	15.31	77	1.02	555.00	10.91	2108.85	46.56	27.65	27.09
0638	39	14.96	77	1.29	538.00	11.97	2109.98	46.60	28.27	27.73
0639	39	14.56	77	1.46	519.50	12.15	2110.17	45.65	27.99	27.42
0640	39	14.29	77	2.23	411.00	19.03	2117.46	43.13	28.13	28.71
0641	39	14.00	77	1.72	362.20	20.37	2118.88	40.41	28.07	27.70
0642	39	13.75	77	1.46	440.00	15.62	2113.64	43.01	28.02	27.57
0643	39	13.75	77	1.02	488.00	11.69	2109.68	43.40	26.78	26.28
0644	39	13.75	77	0.79	528.00	7.73	2105.91	42.99	25.00	24.46
0645	39	14.86	76	59.51	588.00	4.57	2102.13	43.61	23.58	22.98
0646	39	15.21	76	59.19	515.00	9.69	2107.56	41.66	24.11	23.59
0647	39	15.76	76	59.91	603.00	7.06	2104.80	46.36	25.81	25.20
0648	39	15.84	76	59.56	630.00	5.70	2103.34	47.32	25.86	25.21
0649	39	15.81	76	59.19	634.00	3.49	2100.93	45.34	23.74	23.09
0650	39	15.56	77	0.61	583.30	9.28	2107.12	47.14	27.26	26.67
0651	39	15.86	77	0.84	533.50	13.06	2111.13	46.02	27.84	27.30
0652	39	16.36	77	0.52	528.00	14.04	2112.17	45.80	27.81	27.27
0653	39	16.54	77	0.04	579.00	10.53	2108.45	46.61	26.68	26.29
0654	39	16.81	77	0.34	600.00	10.81	2108.75	48.48	28.04	27.43
0655	39	16.97	77	0.81	563.00	13.59	2111.70	47.71	28.53	27.96
0656	39	17.36	77	0.84	609.00	11.63	2109.62	49.39	28.64	28.02
0657	39	18.09	77	0.81	572.00	15.63	2113.86	49.07	29.59	29.00
0658	39	18.14	77	1.25	419.00	12.91	2110.98	50.54	29.45	28.82
0659	39	18.50	77	1.26	591.70	15.02	2113.21	49.70	29.53	28.93
0660	39	18.75	77	1.25	595.00	15.13	2113.33	49.75	29.48	28.87
0661	39	19.25	77	1.19	580.10	17.25	2115.58	49.87	30.10	29.51
0662	39	19.09	77	0.79	585.50	16.58	2114.87	49.88	29.93	29.33
0663	39	19.00	77	1.16	591.00	15.70	2113.93	49.59	29.45	28.85
0664	39	17.69	77	1.44	567.60	15.85	2114.09	49.49	30.15	29.57
0665	39	17.25	77	1.69	530.00	17.13	2115.45	47.96	29.90	29.36
0666	39	16.88	77	1.88	527.50	16.64	2114.93	47.75	29.78	29.24

0667	39	16.89	77	1.12	581.00	12.54	2110.59	48.41	28.62	26.03
0668	39	17.26	77	0.14	597.00	12.16	2110.18	48.97	28.63	26.02
0669	39	18.29	77	3.34	582.20	22.16	2120.78	43.75	30.73	30.34
0670	39	14.94	77	3.29	490.00	17.11	2115.43	47.57	30.66	30.38
0671	39	15.34	77	3.09	389.00	23.43	2122.12	44.19	30.93	30.53
0672	39	15.91	77	2.82	514.00	17.44	2115.77	48.74	31.23	30.71
0673	39	16.10	77	2.37	482.00	19.06	2117.49	47.17	30.75	30.26
0674	39	16.46	77	2.14	538.00	15.37	2113.59	48.00	29.47	29.12
0675	39	18.84	77	1.89	609.00	16.59	2117.81	50.99	30.24	29.62
0676	39	20.35	77	1.79	585.80	18.89	2117.31	50.50	30.34	29.94
0677	39	20.34	77	2.27	637.00	15.66	2113.89	51.90	30.20	29.55
0678	39	20.54	77	2.96	582.00	19.37	2117.82	50.36	30.53	29.94
0679	39	21.18	77	2.94	522.00	23.94	2122.66	48.82	30.84	30.30
0680	39	20.77	77	1.77	592.00	17.82	2116.18	49.32	29.15	28.55
0681	39	20.84	77	4.10	628.10	17.68	2116.03	52.48	31.07	30.43
0682	39	21.25	77	4.01	575.50	20.89	2119.43	50.34	30.73	30.14
0683	39	21.00	77	4.49	681.00	14.66	2112.83	54.02	30.82	30.12
0684	39	21.12	77	5.12	730.50	11.93	2109.94	58.67	31.39	30.64
0685	39	21.14	77	5.79	730.50	12.47	2110.51	56.13	31.25	30.50
0686	39	21.56	77	5.82	589.80	20.85	2119.39	51.17	31.08	30.47
0687	39	21.75	77	6.00	651.00	17.47	2115.80	53.07	30.89	30.22
0688	39	21.57	77	7.00	762.00	11.80	2109.80	57.75	31.79	31.01
0689	39	21.08	77	7.51	760.50	11.78	2109.78	58.32	32.41	31.63
0690	39	20.87	77	8.02	813.00	9.07	2106.91	60.69	32.99	32.16
0691	39	20.59	77	8.12	759.80	11.77	2109.77	58.95	33.07	32.29
0692	39	20.34	77	8.72	863.10	5.71	2103.14	62.63	33.32	32.34
0693	39	20.21	77	9.21	828.30	7.61	2105.36	61.56	33.54	32.49
0694	39	20.79	77	9.50	805.60	7.95	2105.72	59.01	31.56	30.73
0695	39	21.14	77	9.44	817.00	9.31	2107.18	60.92	33.08	32.25
0696	39	20.67	77	10.17	857.00	4.35	2101.91	60.12	30.92	30.09
0697	39	21.04	77	10.39	856.30	3.95	2101.48	59.09	29.91	29.04
0698	39	20.27	77	10.19	827.80	5.61	2103.24	57.84	29.63	28.78
0699	39	20.97	77	7.09	720.60	13.46	2111.55	56.51	31.95	31.22
0700	39	20.69	77	6.29	722.50	12.56	2110.60	56.14	31.52	30.78
0701	39	20.59	77	5.79	730.00	12.28	2110.30	56.69	31.82	31.08
0702	39	20.44	77	5.30	724.00	12.02	2110.03	56.08	31.41	30.67
0703	39	20.29	77	4.76	644.50	16.49	2114.77	53.56	31.60	30.95
0704	39	20.00	77	3.61	554.30	20.85	2119.39	50.15	31.26	30.69
0705	39	19.89	77	3.00	582.70	18.50	2116.90	50.47	30.82	30.02
0706	39	19.75	77	2.56	537.50	21.24	2119.80	49.34	31.03	30.48
0707	39	19.61	77	2.19	625.10	15.12	2113.32	51.30	30.00	29.36
0708	39	19.44	77	1.79	648.00	14.03	2112.16	52.55	30.46	29.60
0709	39	18.79	77	1.59	624.00	14.13	2112.27	51.34	30.08	29.44
0710	39	19.08	77	2.00	606.00	13.69	2113.87	50.83	30.18	29.56
0711	39	19.09	77	2.71	556.00	19.07	2117.50	49.73	30.79	30.22
0712	39	19.72	77	3.27	480.00	23.54	2122.24	47.14	30.78	30.29
0713	39	18.85	77	3.25	475.00	23.51	2122.21	47.18	31.00	30.51
0714	39	18.85	77	3.69	509.70	21.77	2120.37	48.61	31.24	30.72
0715	39	19.25	77	3.72	549.20	20.00	2118.49	49.88	31.16	30.60
0716	39	19.59	77	3.68	539.60	21.23	2119.79	49.75	31.37	30.82
0717	39	19.58	77	4.25	517.00	22.68	2121.33	49.17	31.56	31.03
0718	39	18.59	77	3.77	538.60	19.60	2118.06	49.70	31.35	30.80
0719	39	18.89	77	4.22	571.00	18.30	2116.69	51.07	31.62	31.28
0720	39	19.02	77	5.21	551.00	20.73	2119.27	51.13	32.36	31.80
0722	39	19.39	77	5.56	599.60	18.73	2117.14	53.04	32.61	32.00
0723	39	19.59	77	5.12	564.00	19.60	2118.08	52.20	32.30	31.71
0724	39	19.84	77	4.75	561.50	21.04	2119.59	51.25	32.12	31.54
0725	39	19.89	77	5.69	731.00	11.84	2109.84	57.36	32.45	31.71
0726	39	19.06	77	6.02	424.50	16.92	2115.23	53.95	32.67	32.03
0727	39	18.61	77	6.52	626.50	16.40	2114.67	54.25	32.91	32.27

0728	39	18.87	77	6.87	690.30	13.26	2111.34	56.54	33.02	32.32
0729	39	19.33	77	7.14	713.10	12.44	2110.46	57.14	32.84	32.12
0730	39	19.91	77	6.69	754.00	10.15	2108.05	57.69	32.01	31.24
0731	39	19.42	77	6.50	749.00	10.69	2108.62	58.52	33.01	32.24
0732	39	19.16	77	6.44	717.00	12.18	2110.20	57.48	33.05	32.32
0733	39	20.28	77	6.40	759.60	10.46	2108.37	58.01	32.13	31.36
0734	39	20.50	77	7.19	720.00	12.90	2110.96	56.54	32.01	31.28
0735	39	19.89	77	8.00	682.00	15.47	2113.69	56.59	33.36	32.66
0736	39	19.36	77	7.79	623.30	17.25	2115.58	53.75	32.92	32.66
0737	39	18.87	77	7.60	745.00	10.09	2107.98	54.19	32.94	32.18
0738	39	18.73	77	8.27	627.00	16.47	2114.75	54.19	32.83	32.19
0739	39	18.28	77	8.50	679.00	12.94	2111.01	56.00	32.87	32.18
0740	39	17.67	77	8.69	512.00	22.02	2120.63	50.82	33.58	32.86
0741	39	18.25	77	9.94	552.00	22.03	2120.64	53.29	34.49	33.93
0742	39	19.04	77	9.46	780.00	9.67	2107.54	60.91	34.34	33.54
0743	39	18.60	77	9.04	712.00	12.04	2110.05	57.68	33.43	32.70
0744	39	19.63	77	9.44	781.00	9.91	2107.80	60.40	33.79	32.99
0745	39	20.04	77	9.39	813.00	8.27	2106.05	61.06	33.36	32.53
0746	39	19.36	77	8.59	737.30	11.74	2109.75	58.43	33.81	32.76
0747	39	19.79	77	8.75	799.10	9.10	2106.94	61.01	33.79	32.97
0748	39	20.67	77	10.87	818.50	5.54	2103.16	57.77	29.88	29.04
0749	39	20.14	77	11.19	702.70	11.79	2109.79	54.28	30.34	29.62
0750	39	18.81	77	10.64	793.00	7.65	2109.40	58.86	31.84	31.04
0751	39	19.76	77	10.02	630.00	17.49	2119.83	54.04	32.57	31.93
0752	39	19.41	77	9.75	653.00	16.51	2114.79	55.68	33.43	32.76
0753	39	19.37	77	9.06	653.00	16.62	2114.91	55.85	33.60	32.94
0754	39	17.89	77	8.34	657.00	14.24	2112.38	55.89	33.50	32.83
0755	39	17.55	77	8.21	625.00	15.56	2113.78	54.77	33.48	32.84
0756	39	18.59	77	8.09	469.00	24.01	2122.74	50.48	34.50	34.02
0757	39	16.94	77	7.91	330.50	20.71	2119.24	52.25	34.17	33.63
0758	39	17.37	77	7.54	488.70	23.40	2122.09	50.54	33.89	33.39
0759	39	17.78	77	7.34	592.60	18.07	2116.45	54.06	33.87	33.26
0760	39	18.22	77	7.12	566.70	20.03	2118.52	55.02	33.75	33.17
0761	39	18.44	77	7.29	630.00	16.87	2115.17	55.32	33.86	33.22
0762	39	18.26	77	6.08	614.60	16.71	2115.00	53.98	33.04	32.41
0763	39	17.87	77	6.00	604.00	17.11	2115.43	53.98	33.40	32.78
0764	39	17.36	77	6.44	572.00	18.31	2116.70	52.98	33.30	32.91
0765	39	17.54	77	6.84	580.00	17.94	2116.30	53.08	33.32	32.73
0766	39	17.21	77	5.59	568.00	18.00	2116.37	52.50	33.15	32.97
0767	39	17.37	77	5.19	531.20	20.14	2118.64	51.09	32.99	32.44
0768	39	17.59	77	4.81	568.00	17.58	2119.92	51.50	32.74	31.96
0769	39	17.48	77	5.46	582.30	17.72	2119.07	52.97	32.58	32.13
0770	39	18.25	77	4.84	497.00	22.91	2121.57	49.51	32.58	32.07
0771	39	17.64	77	4.12	552.79	17.99	2116.36	50.43	31.60	31.03
0772	39	17.96	77	4.86	461.80	23.44	2122.13	47.78	31.95	30.97
0773	39	17.27	77	4.19	493.00	20.28	2118.79	48.56	32.00	31.51
0774	39	16.86	77	4.52	480.00	21.41	2119.98	47.75	31.91	31.44
0775	39	16.54	77	4.36	465.00	21.73	2120.34	49.65	32.15	31.62
0776	39	16.12	77	4.36	513.60	18.61	2117.02	48.41	32.39	31.92
0777	39	15.88	77	5.08	470.00	20.96	2119.53	49.69	32.38	31.86
0778	39	16.51	77	4.92	508.00	19.69	2118.16	49.69	32.70	32.11
0779	39	16.87	77	5.19	576.00	16.65	2114.94	52.32	32.70	32.11
0780	39	16.64	77	5.41	569.00	17.13	2115.45	52.51	33.13	32.55
0781	39	16.58	77	6.31	446.00	24.66	2123.43	49.02	33.82	33.37
0782	39	16.31	77	7.04	565.00	17.85	2116.21	53.39	34.14	33.56
0783	39	15.94	77	6.89	437.00	26.46	2123.22	48.90	34.01	33.57
0784	39	17.75	77	2.19	501.00	20.37	2118.88	47.93	30.87	30.55
0785	39	17.44	77	2.80	543.00	17.94	2116.30	49.75	31.25	30.69
0786	39	17.41	77	3.37	482.00	21.84	2120.44	48.19	31.77	31.27
0787	39	17.54	77	3.59	447.10	23.50	2122.20	46.48	31.25	30.79
0788	39	16.94	77	3.31	490.00	20.82	2119.36	48.55	31.86	31.36

0789	39	16.67	77	3.91	417.00	24.74	2123.52	46.24	32.04	31.61
0790	39	16.12	77	3.80	436.00	22.92	2121.59	46.91	32.06	31.61
0791	39	15.69	77	4.07	459.00	18.49	2116.89	48.77	31.77	31.26
0792	39	15.36	77	3.79	500.00	18.02	2116.39	48.85	31.82	31.31
0793	39	15.14	77	3.60	471.00	18.98	2117.41	47.47	31.42	30.94
0794	39	15.67	77	2.29	401.50	21.61	2120.20	42.94	29.26	28.45
0795	39	15.86	77	1.54	425.00	19.90	2118.38	43.07	28.58	28.15
0796	39	15.34	77	2.71	378.00	22.96	2121.62	42.64	29.77	29.38
0797	39	14.81	77	2.50	436.00	18.58	2116.98	44.24	29.38	28.94
0798	39	15.99	77	2.34	537.00	13.03	2111.10	47.44	29.15	28.60
0799	39	15.27	77	1.86	533.00	11.77	2109.77	45.47	27.31	26.76
0800	39	16.14	77	1.06	468.50	16.56	2114.84	45.09	28.44	27.94
0801	39	16.27	77	1.50	540.00	14.45	2112.61	47.49	29.10	28.55
0802	39	16.64	77	2.61	448.00	21.60	2120.19	45.87	30.61	30.15
0803	39	18.00	77	1.77	556.00	17.40	2119.73	49.59	30.65	30.08
0804	39	18.28	77	2.34	550.00	18.64	2117.05	49.91	31.17	30.61
0805	39	18.44	77	2.81	481.50	22.93	2121.59	47.78	31.38	30.88
0806	39	19.71	77	2.16	546.00	21.12	2119.68	50.06	31.46	30.90
0807	39	19.69	76	49.19	326.00	16.46	2114.73	30.35	19.24	18.91
0808	39	10.79	76	51.21	276.00	7.97	2105.74	23.87	14.47	14.18
0809	39	11.34	76	51.29	324.00	5.67	2103.30	25.14	14.10	13.77
0810	39	14.31	76	51.79	406.00	9.26	2107.11	32.28	16.45	16.03
0811	39	18.39	76	49.34	451.00	8.62	2106.43	29.82	14.46	13.99
0812	39	19.89	76	51.54	572.00	17.60	2115.95	48.51	29.02	28.43
0813	39	19.66	76	54.54	535.00	12.35	2110.38	39.80	21.58	21.03
0814	39	18.76	76	55.79	605.00	9.11	2106.95	44.27	23.66	23.05
0815	39	17.98	76	53.29	488.50	10.72	2108.66	36.18	19.54	19.04
0816	39	18.04	76	52.64	458.00	11.60	2109.59	34.15	18.35	18.08
0817	39	17.34	76	52.46	453.00	12.47	2110.51	33.75	19.00	18.56
0818	39	17.26	76	52.19	453.00	10.24	2108.16	32.41	17.97	17.91
0819	39	16.00	76	51.48	433.00	9.85	2107.73	32.95	18.20	17.74
0820	39	17.04	76	50.84	390.00	15.00	2111.07	30.71	17.43	17.03
0821	39	16.75	76	48.94	419.10	10.59	2108.52	31.35	17.06	16.64
0822	39	17.37	76	49.14	461.00	8.73	2106.55	32.38	16.68	16.20
0823	39	14.86	76	57.97	534.00	6.82	2104.52	41.11	22.85	22.30
0824	39	15.83	76	57.04	475.00	11.63	2109.42	39.04	22.85	22.37
0825	39	16.53	76	56.14	498.00	10.59	2108.52	39.07	22.10	21.59
0826	39	15.37	76	54.47	332.00	15.41	2113.62	30.27	18.96	18.62
0827	39	14.75	76	52.29	385.00	10.80	2108.74	31.30	18.19	17.79
0828	39	13.71	76	51.98	360.00	8.76	2106.58	28.31	16.05	15.68
0829	39	13.46	76	52.10	352.60	12.11	2110.12	31.53	19.52	19.14
0830	39	15.79	76	52.50	460.00	7.54	2105.28	34.10	18.16	17.68
0831	39	14.66	76	50.79	318.00	14.26	2112.41	28.79	17.96	17.63
0832	39	13.89	76	45.30	351.10	10.94	2108.89	29.52	17.56	17.20
0833	39	12.94	76	45.10	253.60	16.24	2114.51	27.37	18.73	18.47
0834	39	13.07	76	44.28	196.10	18.37	2116.76	24.02	17.34	17.14
0835	39	12.34	76	44.41	236.10	12.53	2110.57	22.67	14.62	14.38
0836	39	12.16	76	43.94	142.00	14.55	2112.71	16.22	11.38	11.23
0837	39	14.14	76	45.44	204.90	18.98	2117.41	23.87	16.91	16.70
0838	39	13.91	76	46.20	230.50	17.41	2115.74	24.99	17.14	16.91
0839	39	12.14	76	48.75	414.00	5.65	2103.28	32.40	18.29	17.87
0840	39	11.54	76	48.89	409.00	6.18	2103.84	33.37	19.44	19.02
0841	39	11.19	76	49.19	405.00	6.28	2103.95	33.62	19.82	19.40
0842	39	12.94	76	48.75	451.00	2.73	2100.19	31.61	16.24	15.78
0843	39	14.96	76	55.92	428.00	11.55	2109.53	33.74	19.91	19.50
0844	39	13.34	76	56.89	428.00	8.93	2106.76	35.43	20.84	20.41
0845	39	14.25	76	57.09	400.00	12.94	2111.01	35.72	22.09	21.68
0846	39	11.14	76	55.77	485.00	0.81	2098.15	35.42	18.89	18.40
0847	39	10.66	76	54.59	430.00	1.38	2098.76	31.56	16.91	16.47
0848	39	9.82	76	55.36	450.00	1.73	2099.12	35.04	19.71	19.25
0849	39	9.39	76	55.73	473.50	0.11	2097.41	36.17	20.04	19.55

0850	39	9.46	76	54.92	398.00	3.42	2100.91	32.47	16.91	16.51
0851	39	9.96	76	57.56	486.00	-0.29	2096.98	36.08	19.53	19.03
0852	39	10.57	76	58.12	390.00	6.91	2104.62	33.79	20.50	20.10
0853	39	11.34	76	59.29	403.00	10.04	2107.93	37.19	23.46	23.05
0854	39	7.82	76	55.01	280.00	10.10	2108.00	30.87	21.33	21.05
0855	39	7.61	76	54.89	280.10	9.91	2107.60	31.00	21.45	21.17
0856	39	7.64	76	54.60	281.60	9.79	2107.62	30.92	21.33	21.04
0857	39	7.56	76	54.36	279.80	10.01	2107.90	31.15	21.61	21.32
0858	39	7.59	76	54.12	280.00	10.25	2108.16	31.37	21.83	21.54
0859	39	7.67	76	53.94	279.80	10.00	2107.89	30.98	21.44	21.15
0860	39	7.71	76	53.69	279.80	10.16	2108.06	31.09	21.55	21.27
0861	39	7.89	76	53.34	280.00	10.17	2108.07	30.84	21.30	21.02
0862	39	7.96	76	53.23	280.70	10.21	2108.12	30.86	21.29	21.01
0863	39	7.75	76	52.98	280.20	10.39	2108.30	31.31	21.76	21.47
0864	39	7.54	76	52.79	280.30	10.49	2108.41	31.74	22.18	21.90
0865	39	7.29	76	52.61	279.80	11.02	2108.97	32.61	23.08	22.79
0866	39	7.04	76	52.50	280.00	11.14	2109.10	33.12	23.58	23.30
0867	39	8.00	76	55.20	280.00	9.96	2107.85	30.44	20.94	20.65
0868	39	8.17	76	55.56	281.00	10.51	2108.43	30.88	21.31	21.02
0869	39	8.29	76	55.89	280.20	10.70	2108.62	30.84	21.29	21.01
0870	39	8.09	76	56.17	280.60	10.22	2108.12	30.67	21.10	20.82
0871	39	8.00	76	56.31	280.70	9.70	2107.57	30.27	20.70	20.42
0872	39	7.81	76	56.89	280.10	9.27	2107.12	30.02	20.48	20.19
0873	39	8.00	76	57.28	280.50	8.97	2106.80	29.48	19.92	19.63
0874	39	8.33	76	57.25	280.60	8.87	2106.70	28.88	19.32	19.03
0875	39	8.69	76	57.34	280.50	9.07	2106.91	28.54	19.00	18.71
0876	39	8.75	76	57.75	279.80	9.22	2107.06	28.57	19.04	18.75
0877	39	11.77	77	0.56	363.10	13.90	2112.02	36.91	24.53	24.16
0878	39	12.14	77	0.50	363.00	14.00	2112.13	36.46	24.09	23.72
0879	39	12.54	77	0.64	363.20	14.44	2112.59	36.25	24.90	24.61
0880	39	12.62	77	0.97	362.70	15.45	2113.66	37.26	25.38	25.09
0881	39	12.96	77	1.29	363.20	17.29	2115.62	38.76	26.38	26.01
0882	39	13.09	77	1.48	363.50	18.61	2117.02	39.98	27.40	27.23
0883	39	13.22	77	1.89	363.20	19.75	2118.23	40.99	28.61	28.24
0884	39	13.63	77	2.06	363.50	20.36	2118.87	41.04	28.66	28.29
0885	39	13.84	77	2.19	363.70	20.67	2119.20	41.09	28.69	28.32
0886	39	14.12	77	2.50	363.30	21.33	2119.90	41.94	28.96	28.59
0887	39	14.27	77	2.75	362.70	21.99	2120.60	41.77	29.41	29.04
0888	39	12.94	77	1.04	363.00	16.08	2114.34	37.48	25.11	24.74
0889	39	9.01	76	51.69	388.00	6.76	2104.46	35.74	22.52	22.13
0890	39	8.50	76	51.39	354.00	9.08	2107.87	36.72	24.65	24.29
0891	39	7.97	76	51.04	303.00	15.11	2113.30	38.12	27.80	27.49
0892	39	8.34	76	50.23	140.00	25.10	2123.89	32.83	28.06	27.92
0893	39	8.12	76	50.32	288.00	17.15	2115.47	38.65	28.84	28.55
0894	39	7.27	76	50.82	262.00	18.05	2116.42	38.91	29.49	29.22
0895	39	7.16	76	50.15	269.00	15.61	2113.84	36.45	27.73	27.21
0896	39	6.69	76	50.59	201.50	19.96	2118.45	35.60	26.73	26.53
0897	39	6.68	76	51.09	177.00	19.45	2117.91	32.77	26.74	26.56
0898	39	6.47	76	50.66	170.00	19.45	2119.84	34.35	28.56	28.39
0899	39	7.92	76	47.47	270.00	6.41	2104.09	29.87	16.67	16.40
0900	39	16.66	76	50.29	379.00	12.16	2110.18	29.35	16.44	16.05
0901	39	16.67	76	50.65	394.30	11.95	2109.96	30.56	17.13	16.72
0902	39	7.81	76	48.92	127.50	19.15	2117.59	26.13	21.79	21.66
0903	39	7.50	76	48.97	129.50	18.43	2116.83	26.03	21.61	21.48
0904	39	8.11	76	49.50	154.50	21.11	2119.66	30.32	25.05	24.69
0905	39	8.79	76	49.94	222.80	20.24	2118.74	34.82	27.22	27.00
0906	39	8.98	76	49.90	233.20	19.96	2118.45	35.22	27.27	27.03
0907	39	9.09	76	49.97	235.50	20.87	2118.56	35.39	27.36	27.12
0908	39	9.47	76	50.07	249.00	18.87	2117.29	34.62	26.34	26.08
0909	39	9.64	76	50.25	252.00	18.34	2116.73	34.30	25.71	25.45
0910	39	9.72	76	50.27	253.60	16.26	2114.52	32.25	23.56	23.30

0911	39	9.79	76	50.29	254.50	15.27	2113.48	31.05	22.38	22.12
0912	39	9.89	76	50.36	257.50	13.72	2111.84	29.56	20.78	20.52
0913	39	9.91	76	50.50	257.50	13.36	2111.45	29.13	20.36	20.10
0914	39	11.26	76	51.22	270.50	7.49	2105.23	22.13	12.92	12.65
0920	39	11.97	76	51.29	291.73	8.36	2106.16	24.03	14.09	13.79
0921	39	13.45	76	51.09	304.50	12.00	2110.01	26.90	16.52	16.21
0930	39	8.14	76	47.58	225.00	8.86	2106.68	23.91	16.24	16.01
0931	39	8.94	76	47.23	160.00	13.66	2111.77	41.71	16.26	16.10
0932	39	9.46	76	46.75	244.00	9.19	2107.03	24.11	15.79	15.54
0933	39	10.69	76	47.66	260.00	16.05	2114.30	31.07	22.22	21.95
0934	39	10.35	76	48.03	315.00	12.63	2110.68	33.12	22.39	22.07
0935	39	10.57	76	45.77	191.00	11.79	2109.79	20.24	13.74	13.54
0936	39	11.06	76	46.51	278.00	12.30	2110.33	28.24	18.77	18.49
0937	39	11.69	76	45.66	248.00	15.43	2113.65	27.62	19.37	19.11
0938	39	11.77	76	45.32	188.00	17.35	2115.68	24.09	17.68	17.49
0939	39	12.26	76	46.37	352.00	10.93	2108.87	31.96	19.99	19.63
0940	39	12.39	76	47.13	365.00	10.19	2108.09	32.23	19.80	19.43
0941	39	13.65	76	46.56	391.00	8.38	2106.17	30.90	17.58	17.18
0942	39	12.21	76	45.42	216.60	17.38	2115.71	26.19	18.80	18.58
0943	39	12.26	76	45.60	224.00	18.37	2116.76	27.83	20.30	19.97
0944	39	10.13	76	51.64	354.00	4.00	2101.53	27.97	15.90	15.54
0945	39	12.52	76	44.36	189.00	16.84	2115.14	25.54	16.10	15.90
0946	39	12.47	76	44.23	207.60	17.09	2115.41	24.63	17.56	17.35
0947	39	12.19	76	44.11	257.60	12.94	2111.01	25.29	16.53	16.27
0948	39	13.07	76	43.51	211.60	12.52	2110.56	19.28	12.07	11.85
0949	39	13.29	76	43.34	250.00	16.50	2114.67	26.67	18.15	17.90
0950	39	15.47	76	47.55	374.50	14.63	2112.80	33.29	20.54	20.15
0951	39	18.69	76	48.52	235.00	21.42	2119.99	22.63	14.62	14.38
0952	39	16.43	76	48.77	406.00	11.90	2109.91	29.19	15.29	14.88
0953	39	16.94	76	50.61	373.20	13.75	2111.47	30.09	17.37	16.99
0954	39	14.52	76	49.52	400.50	8.88	2106.70	31.05	17.40	16.99
0955	39	14.71	76	49.38	378.00	9.98	2107.87	29.81	16.94	16.55
0956	39	15.25	76	51.49	459.50	8.12	2105.90	32.85	17.88	17.43
0957	39	15.42	76	50.92	349.00	13.04	2111.85	30.02	18.13	17.78
0958	39	15.63	76	51.32	368.00	13.04	2111.11	30.76	18.22	17.85
0959	39	12.76	76	51.67	379.00	4.92	2102.51	27.42	14.51	14.12
0960	39	10.07	76	49.37	377.00	9.83	2107.71	28.60	23.55	23.17
0961	39	11.21	76	52.92	403.00	0.89	2098.23	27.69	13.96	13.55
0962	39	18.94	76	52.51	430.00	14.77	2112.95	33.55	18.90	18.46
0963	39	19.34	76	53.03	447.00	15.54	2113.77	35.38	20.15	19.69
0964	39	19.07	76	53.39	468.00	14.21	2112.35	36.34	20.39	19.92
0965	39	20.38	76	53.39	446.00	16.59	2114.87	34.86	19.67	19.21
0966	39	20.11	76	53.73	487.00	14.61	2112.77	37.02	20.42	19.93
0967	39	19.48	76	56.04	624.00	10.77	2108.70	46.76	25.50	24.86
0968	39	19.21	76	56.03	593.00	11.45	2109.43	44.97	24.76	24.16
0969	39	18.36	76	56.09	643.00	8.22	2106.01	47.50	25.59	24.94
0970	39	19.35	76	57.31	606.00	15.75	2113.98	50.54	28.89	29.27
0971	39	20.42	76	56.96	519.00	20.39	2116.80	45.30	27.61	27.08
0972	39	20.28	76	56.80	515.00	20.96	2119.49	46.12	28.57	28.05
0973	39	18.61	76	58.83	497.00	20.95	2119.51	44.90	29.97	29.46
0974	39	18.72	76	59.36	529.00	18.60	2117.01	47.25	29.23	28.69
0975	39	17.65	76	57.55	543.00	15.34	2113.55	43.37	26.32	25.80
0976	39	16.77	76	57.55	543.00	11.01	2108.96	43.39	24.89	24.34
0977	39	17.28	76	58.63	485.00	19.50	2117.96	46.19	29.66	29.17
0978	39	16.42	76	59.59	641.00	6.10	2103.76	47.92	26.08	25.43
0979	39	14.09	76	58.91	575.00	3.14	2100.62	42.01	22.42	21.83
0980	39	14.08	76	59.50	567.00	3.48	2100.98	41.64	22.32	21.74
0981	39	14.01	77	0.59	541.00	7.60	2105.34	43.65	25.32	24.67
0982	39	15.13	77	3.62	471.00	18.97	2117.40	47.47	31.43	30.95
0983	39	14.97	77	3.95	388.50	23.41	2122.10	44.66	31.42	31.03
0984	39	12.19	76	57.71	423.00	8.60	2106.41	36.30	21.89	21.45

0985	39	11.81	76	58.14	511.00	2.78	2100.24	38.97	21.56	21.04
0986	39	12.63	76	58.75	541.00	2.90	2100.37	40.71	22.28	21.72
0987	39	12.61	76	59.03	480.00	6.27	2103.94	38.48	22.13	21.64
0988	39	13.40	76	59.29	514.00	5.35	2102.96	39.63	22.12	21.59
0989	39	13.00	76	59.14	500.00	5.78	2103.42	39.38	22.34	21.83
0990	39	13.29	76	57.56	502.00	6.23	2103.90	39.60	22.50	21.98
0991	39	10.00	76	54.64	473.00	-1.20	2098.02	33.86	17.74	17.26
0992	39	9.55	76	54.29	423.00	-1.00	2096.23	30.01	15.60	15.17
0993	39	9.57	76	54.89	496.00	-1.90	2093.28	35.90	19.00	18.49
0994	39	8.96	76	56.73	421.00	-0.07	2097.22	31.60	17.33	16.90
0995	39	8.98	76	56.86	454.00	-0.16	2097.12	34.66	19.19	18.73
08SC	39	8.71	76	54.03	443.50	0.0	2097.30	34.25	19.14	18.68
08MU	39	10.37	76	46.89	229.00	14.11	2112.25	26.57	18.77	18.54
08CA	39	14.37	76	50.26	400.10	9.27	2107.12	31.65	18.02	17.61
08BA	39	18.27	76	55.12	569.60	8.70	2106.52	41.25	21.84	21.26
08CK	39	19.44	77	1.06	599.60	16.63	2114.91	50.74	30.31	29.70
08LS	39	20.17	77	4.27	591.80	19.50	2117.96	51.98	31.81	31.21
08CL	39	12.37	76	56.57	486.70	2.74	2100.20	35.82	19.24	18.74
08CG	39	13.73	76	50.62	354.20	10.35	2108.48	29.64	17.57	17.21

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