NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
1999 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0001	Mar-02	1532	3900.1	7226.7	X26213.3	Y42827.2	249	120.6	51.4
0002	Mar-02	1825	3915.9	7244.9	X26331.8	Y42972.1	214	53.3	54.9
0003	Mar-02	2001	3915.6	7252.4	X26380.7	Y42970.0	184	43.5	53.6
0004	Mar-02	2216	3901.1	7249.2	X26353.4	Y42832.0	210	64.0	55.9
0005	Mar-02	2341	3856.4	7255.1	X26388.5	Y42785.2	247	55.5	55.2
0006	Mar-03	0137	3855.8	7309.5	X26477.8	Y42775.2	221	43.7	54.5
0007	Mar-03	0409	3841.1	7322.1	X26543.3	Y42625.2	138	42.1	53.8
0008	Mar-03	0615	3834.5	7317.1	X26508.9	Y42562.2	212	64.2	57.2
0009	Mar-03	0937	3833.3	7346.7	X26679.7	Y42531.1	226	32.3	50.7
0010	Mar-03	1307	3808.7	7353.0	X26687.6	Y42271.0	194	62.3	54.5
0011	Mar-03	1452	3808.8	7400.9	X26730.2	Y42264.1	009	36.6	54.7
0012	Mar-03	1636	3808.3	7408.3	X26769.5	Y42250.7	191	37.5	52.3
0013	Mar-03	2226	3828.7	7457.1	X27066.3	Y42425.9	201	7.4	41.9
0014	Mar-04	0007	3833.9	7454.9	X27065.6	Y42485.8	013	8.5	41.4
0015	Mar-04	0229	3839.1	7500.2	X27105.7	Y42540.1	161	6.0	41.2
0016	Mar-04	0631	3851.7	7503.2	X27152.6	Y42681.4	005	7.7	40.3
0017	Mar-04	2214	3851.5	7503.9	X27155.6	Y42678.2	005	10.7	40.3
0018	Mar-05	0039	3842.1	7452.6	X27070.9	Y42579.4	144	13.1	41.9
0019	Mar-05	0229	3846.2	7452.0	X27076.5	Y42627.0	004	5.7	40.8
0020	Mar-05	0521	3841.7	7426.4	X26921.8	Y42592.7	074	16.7	43.0
0021	Mar-05	0643	3843.8	7400.2	X26772.4	Y42631.4	075	22.7	46.0
0022	Mar-05	0831	3847.0	7405.2	X26807.4	Y42663.1	161	26.0	49.8
0023	Mar-05	1209	3818.7	7416.7	X26829.4	Y42353.1	279	24.6	46.9
0024	Mar-05	1428	3818.8	7436.7	X26937.9	Y42334.4	223	18.0	43.3
0025	Mar-05	1605	3811.3	7446.2	X26974.6	Y42242.6	166	16.4	42.6
0026	Mar-05	1928	3746.2	7434.8	X26876.6	Y41982.5	216	30.6	55.9
0027	Mar-05	2209	3739.3	7418.9	X26788.1	Y41931.4	215	68.6	53.6
0028	Mar-05	2359	3735.5	7417.1	X26775.3	Y41894.4	220	109.6	51.6
0029	Mar-06	0246	3721.2	7432.7	X26833.1	Y41718.3	177	53.3	56.8
0030	Mar-06	0435	3714.5	7433.1	X26826.9	Y41647.4	012	62.6	57.0
0031	Mar-06	0719	3703.8	7447.3	X26878.6	Y41506.6	196	35.0	56.5
0032	Mar-06	0927	3651.1	7439.6	X26829.3	Y41390.0	178	83.1	
0033	Mar-06	1057	3647.9	7439.2	X26824.2	Y41357.7	174	164.0	51.6
0034	Mar-06	1351	3632.2	7446.3	X26837.4	Y41179.7	001	45.9	55.9
0035	Mar-06	1652	3618.7	7453.0	X26850.9	Y41026.2	193	32.8	56.7
0036	Mar-06	1908	3611.4	7506.1	X26895.1	Y40915.8		21.3	56.1
0037	Mar-06	2151	3600.1	7446.9	X26808.2	Y40858.7	182	139.7	49.8
0038	Mar-06	2330	3600.8	7449.0	X26817.1	Y40859.6	196	61.8	56.3
0039	Mar-07	0303	3545.3	7450.4	X26808.3	Y40707.5	339	125.8	50.9
0040	Mar-07	0620	3546.0	7451.7	X26813.8	Y40710.0	342	64.8	56.8
0041	Mar-07	1719	3541.7	7459.1	X26837.9	Y40645.2	330	25.7	61.2
0042	Mar-07	2021	3531.3	7508.6	X26863.4	Y40516.2	336	18.0	59.2
0043	Mar-07	2258	3526.2	7500.8	X26830.3	Y40496.3	357	20.5	60.8
0044	Mar-08	0205	3523.1	7508.7	X26856.3	Y40440.1	353	15.6	59.5
0045	Mar-08	0522	3516.3	7518.4	X26884.4	Y40342.9	358	11.8	57.0
0046	Mar-08	0754	3508.8	7514.8	X26864.8	Y40289.9	348	18.0	62.1
0047	Mar-08	1056	3508.0	7532.8	X26926.7	Y40213.7	284	9.8	53.6
0048	Mar-08	1328	3511.2	7500.4	X26816.1	Y40364.7	236	8.7	55.6

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0049	Mar-08	1515	3503.5	7550.8	X26983.7	Y40102.6	185	12.0	58.8
0050	Mar-08	1646	3455.4	7546.6	X26961.2	Y40046.6	202	13.4	67.5
0051	Mar-08	1815	3445.7	7548.9	X26958.7	Y39953.9	196	19.4	68.7
0052	Mar-08	1958	3435.8	7549.3	X26950.4	Y39871.1	227	29.8	67.8
0053	Mar-08	2128	3429.3	7552.7	X26954.9	Y39805.9	104	48.4	63.1
0054	Mar-09	0105	3449.0	7528.5	X26894.0	Y40066.8	041	89.4	62.2
0055	Mar-09	0252	3455.9	7522.0	X26878.1	Y40151.0	048	75.7	65.7
0056	Mar-09	0745	3530.6	7526.5	X26928.1	Y40447.7	197	6.8	45.0
0057	Mar-09	0855	3530.9	7500.2	X26832.5	Y40541.1	021	8.2	45.0
0058	Mar-09	1017	3533.7	7518.7	X26902.9	Y40504.5	319	14.8	51.4
0059	Mar-09	1147	3538.7	7526.3	X26936.1	Y40527.0	353	10.4	44.6
0060	Mar-09	1504	3603.5	7526.4	X26965.0	Y40778.1	302	11.8	44.8
0061	Mar-09	1705	3605.4	7541.5	X27025.3	Y40755.4	335	5.5	43.2
0062	Mar-09	1827	3600.1	7538.8	X27008.2	Y40706.8	315	11.2	43.5
0063	Mar-09	2016	3621.1	7546.7	X27067.5	Y40912.3	047	8.7	43.2
0064	Mar-09	2121	3623.5	7543.2	X27057.2	Y40947.3	358	11.8	43.9
0065	Mar-09	2253	3631.3	7540.8	X27059.2	Y41038.4	320	12.3	43.9
0066	Mar-10	0032	3632.7	7550.5	X27099.7	Y41031.3	353	5.5	43.5
0067	Mar-10	0254	3643.2	7541.0	X27078.4	Y41169.8	350	11.2	43.5
0068	Mar-10	0714	3651.1	7520.8	X27006.5	Y41301.1	351	14.5	45.0
0069	Mar-10	0843	3653.2	7522.3	X27016.3	Y41321.0	004	16.4	44.8
0070	Mar-10	1044	3701.0	7526.3	X27045.2	Y41398.7	319	13.4	43.9
0071	Mar-10	1314	3708.6	7514.9	X27007.7	Y41505.1	033	15.3	44.6
0072	Mar-10	1548	3716.2	7500.9	X26956.6	Y41615.1	340	20.5	46.6
0073	Mar-10	1751	3721.2	7506.7	X26990.4	Y41659.0		15.3	45.5
0074	Mar-10	1907	3721.1	7512.7	X27017.8	Y41647.3	032	16.4	43.7
0075	Mar-18	1423	3816.5	7456.2	X27036.7	Y42288.9	177	9.8	40.6
0076	Mar-18	1547	3808.6	7458.9	X27035.0	Y42197.5	180	10.7	41.2
0077	Mar-18	1748	3753.8	7504.2	X27034.5	Y42026.2	212	8.5	41.7
0078	Mar-18	1935	3743.8	7512.5	X27056.1	Y41901.8	231	12.8	42.3
0079	Mar-18	2206	3726.0	7526.7	X27089.4	Y41678.7	204	11.5	41.4
0080	Mar-18	2341	3716.1	7530.8	X27090.2	Y41560.1	214	10.1	42.3
0081	Mar-19	0103	3711.4	7538.3	X27114.3	Y41493.2	274	8.2	41.9
0082	Mar-19	0312	3658.5	7541.1	X27103.6	Y41342.2	288	9.8	42.4
0083	Mar-19	0515	3703.6	7549.3	X27146.9	Y41383.9	051	4.9	42.8
0084	Mar-19	0622	3706.6	7500.4	X26940.9	Y41511.5	024	6.6	42.4
0085	Mar-19	0753	3715.7	7541.0	X27133.8	Y41537.5	022	7.1	42.3
0086	Mar-19	0911	3715.0	7543.3	X27142.0	Y41525.3	033	5.2	42.3
0087	Mar-19	1254	3741.1	7524.8	X27108.6	Y41853.3	004	7.7	41.2
0088	Mar-19	1415	3748.6	7524.6	X27122.4	Y41938.9	351	4.9	41.5
0089	Mar-19	1508	3749.1	7526.9	X27134.3	Y41941.9	231	4.9	41.5
0090	Mar-19	1816	3800.3	7513.8	X27093.9	Y42087.0	030	6.3	41.2
0091	Mar-19	2008	3812.8	7507.2	X27086.2	Y42236.0	020	7.7	40.8
0092	Mar-20	0233	3857.8	7448.5	X27083.3	Y42757.9	066	5.7	40.1
0093	Mar-20	0404	3903.8	7442.6	X27063.2	Y42827.8	030	6.8	40.8
0094	Mar-20	0539	3858.9	7442.5	X27050.8	Y42774.0	082	6.6	40.3
0095	Mar-20	0903	3903.8	7408.6	X26856.5	Y42839.7	282	17.8	42.1
0096	Mar-20	1044	3906.3	7422.4	X26946.5	Y42862.7	278	13.4	41.4

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0097	Mar-20	1200	3908.7	7430.7	X27002.5	Y42885.8	011	10.4	40.8
0098	Mar-20	1338	3918.5	7424.9	X26988.6	Y42994.8	093	5.7	40.6
0099	Mar-20	1614	3931.1	7414.3	X26948.9	Y43130.5	031	5.5	40.8
0100	Mar-20	1728	3933.2	7408.4	X26914.3	Y43152.8	164	9.3	41.0
0101	Mar-20	1850	3926.5	7407.4	X26893.1	Y43081.4	154	11.2	40.5
0102	Mar-20	2005	3921.7	7402.4	X26850.7	Y43030.6	113	14.5	41.0
0103	Mar-20	2304	3912.0	7332.5	X26640.4	Y42932.1	102	23.0	43.9
0104	Mar-21	0105	3900.1	7328.7	X26601.7	Y42812.8	238	26.5	44.8
0105	Mar-21	0252	3900.7	7323.6	X26570.3	Y42820.6	136	30.1	47.3
0106	Mar-21	0651	3929.1	7318.5	X26568.4	Y43102.6	110	20.0	43.3
0107	Mar-21	0920	3924.0	7257.1	X26417.7	Y43050.1	047	35.0	48.0
0108	Mar-21	1106	3928.9	7200.4	X26037.4	Y43084.5	061	38.0	49.3
0109	Mar-21	1349	3936.3	7221.1	X26175.9	Y43155.9	007	57.1	54.5
0110	Mar-21	1633	3941.1	7245.0	X26345.8	Y43208.0	238	37.2	50.4
0111	Mar-21	1825	3933.8	7257.2	X26426.0	Y43143.6	299	34.2	46.2
0112	Mar-21	2129	3947.5	7322.4	X26621.1	Y43284.9	142	22.4	42.3
0113	Mar-22	0024	3944.1	7332.3	X26686.7	Y43255.2	156	20.5	42.4
0114	Mar-22	0321	3943.8	7354.8	X26844.5	Y43260.9	257	12.8	41.4
0115	Mar-22	0504	3943.5	7404.1	X26908.4	Y43260.4	168	7.1	41.4
0116	Mar-22	0706	3949.1	7404.2	X26922.3	Y43318.6	355	6.0	41.4
0117	Mar-22	0929	3957.0	7349.8	X26837.8	Y43393.6	260	15.0	41.2
0118	Mar-22	1116	3960.0	7402.4	X26935.5	Y43431.1	006	9.6	40.8
0119	Mar-22	1333	4015.7	7358.7	X26948.8	Y43589.8	190	6.8	41.2
0120	Mar-22	1525	4016.2	7356.2	X26931.2	Y43593.3	016	10.7	41.2
0121	Mar-22	1654	4015.6	7350.5	X26886.8	Y43582.5	111	14.8	41.2
0122	Mar-22	1957	4006.6	7331.1	X26719.4	Y43477.6	317	22.1	43.5
0123	Mar-22	2243	4006.2	7313.1	X26582.5	Y43460.7	336	24.1	43.7
0124	Mar-23	0041	4019.2	7312.4	X26600.0	Y43582.8	310	20.2	41.7
0125	Mar-23	0349	4028.8	7334.4	X26794.8	Y43696.7	251	11.5	40.8
0126	Mar-23	0533	4024.9	7346.7	X26881.6	Y43670.9	346	17.0	41.4
0127	Mar-23	0655	4030.6	7349.0	X26914.4	Y43730.2	293	8.2	41.7
0128	Mar-23	0842	4031.0	7340.1	X26845.2	Y43724.0	076	10.1	41.2
0129	Mar-23	1028	4035.8	7325.2	X26737.5	Y43752.2	077	6.0	41.5
0130	Mar-23	1150	4036.4	7318.2	X26682.4	Y43749.8	235	9.0	40.8
0131	Mar-23	1354	4031.8	7318.5	X26674.5	Y43707.4	089	13.1	40.3
0132	Mar-23	1508	4031.5	7310.8	X26611.5	Y43695.7	042	14.5	40.5
0133	Mar-23	1632	4038.5	7307.2	X26596.8	Y43755.1	074	5.7	40.1
0134	Mar-23	1751	4040.8	7257.0	X26516.8	Y43763.4	067	9.6	39.6
0135	Mar-23	1938	4045.7	7240.8	X26390.2	Y43785.0	070	10.1	40.6
0136	Mar-23	2008	4046.3	7236.7	X26357.0	Y43785.0	215	13.1	40.5
0137	Mar-23	2226	4036.8	7240.7	X26373.7	Y43707.7	290	19.4	42.3
0138	Mar-23	2350	4034.4	7248.3	X26432.8	Y43695.9	207	20.5	41.9
0139	Mar-24	0121	4026.6	7252.8	X26456.8	Y43631.6	124	23.2	42.3
0140	Mar-24	0408	4011.2	7231.1	X26264.5	Y43473.3	139	33.1	45.7
0141	Mar-24	0829	3953.7	7153.0	X25975.4	Y43295.7	240	68.1	55.4
0142	Mar-24	1008	3951.7	7151.0	X25961.9	Y43277.0	057	82.6	53.1
0143	Mar-24	1242	4003.5	7135.5	X25844.0	Y43366.1	290	48.9	54.5
0144	Mar-24	1519	4016.2	7155.3	X25988.4	Y43486.6	010	36.1	42.8

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0145	Mar-24	1729	4031.5	7151.2	X25958.9	Y43608.1	352	34.7	43.3
0146	Mar-24	1852	4038.3	7153.4	X25981.3	Y43665.6	246	28.7	43.3
0147	Mar-24	2006	4036.3	7200.5	X26038.3	Y43657.3	301	29.0	42.6
0148	Mar-24	2259	4048.6	7225.3	X26263.8	Y43788.8	062	13.7	41.5
0149	Mar-25	0021	4053.3	7216.7	X26197.8	Y43815.9	063	9.8	41.5
0150	Mar-25	0152	4058.3	7205.0	X26104.5	Y43839.7	070	6.8	42.6
0151	Mar-25	0339	4058.7	7200.6	X26067.1	Y43836.3	240	10.4	42.3
0152	Mar-25	0456	4056.0	7201.3	X26068.7	Y43816.2	246	14.8	42.3
0153	Mar-25	0637	4058.7	7154.1	X26009.9	Y43827.6	023	12.6	42.1
0154	Mar-25	0851	4105.8	7139.3	X25891.4	Y43861.1	197	17.5	41.9
0155	Mar-25	1044	4104.4	7133.2	X25834.1	Y43841.8	298	18.3	42.1
0156	Mar-25	1236	4105.9	7122.8	X25744.4	Y43838.1	039	21.1	42.1
0157	Mar-25	1350	4109.5	7118.6	X25713.1	Y43858.9	357	23.5	42.1
0158	Mar-25	1552	4116.4	7131.3	X25840.5	Y43926.6	091	23.2	41.7
0159	Mar-25	1916	4121.3	7054.0	X25517.0	Y43906.1		15.6	41.0
0160	Mar-25	2220	4115.3	7045.9	X25429.1	Y43853.9	026	12.3	40.6
0161	Mar-26	0143	4056.5	7026.6	X25256.9	Y43701.3	237	25.4	39.0
0162	Mar-26	0319	4051.3	7037.4	X25350.0	Y43677.2	282	29.0	39.2
0163	Mar-26	0500	4052.4	7048.7	X25440.4	Y43698.0	342	29.5	39.6
0164	Mar-29	2214	4047.1	7119.4	X25698.8	Y43694.8	223	32.0	41.5
0165	Mar-30	0008	4038.9	7128.1	X25770.8	Y43641.9	077	33.4	40.5
0166	Mar-30	0244	4041.3	7104.1	X25574.0	Y43634.2	082	33.6	40.1
0167	Mar-30	0433	4041.3	7100.7	X25546.8	Y43630.9	116	34.7	40.6
0168	Mar-30	0612	4038.6	7052.4	X25484.4	Y43602.3	128	36.4	41.0
0169	Mar-30	0849	4028.2	7030.6	X25352.2	Y43506.5	108	38.8	43.3
0170	Mar-30	1039	4023.5	7033.7	X25384.0	Y43474.9	130	45.4	44.4
0171	Mar-30	1231	4021.1	7021.0	X25315.2	Y43447.7	200	46.5	43.0
0172	Mar-30	1400	4018.6	7026.7	X25355.1	Y43433.6	239	51.7	38.5
0173	Mar-30	1601	4014.1	7000.4	X25236.2	Y43383.2	242	63.7	53.1
0174	Mar-30	1842	4004.3	7056.2	X25571.4	Y43346.9	276	96.2	53.1
0175	Mar-30	2016	4001.6	7057.9	X25587.4	Y43327.0	123	139.2	48.4
0176	Mar-31	0026	3958.8	7023.0	X25390.7	Y43286.5	095	169.0	44.8
0177	Mar-31	0407	4013.9	7001.1	X25240.1	Y43381.9	184	51.7	51.4
0178	Mar-31	0558	4004.5	7002.9	X25277.9	Y43316.9	111	79.8	55.6
0179	Mar-31	0841	3959.2	6940.7	W14133.4	Y43268.0	039	68.6	55.0
0180	Mar-31	1351	4021.1	6913.3	W13925.7	Y43400.2	273	44.0	44.1
0181	Mar-31	1502	4021.5	6916.7	W13940.7	Y43405.3	321	42.4	43.9
0182	Mar-31	1735	4037.0	6926.4	W13933.9	Y43513.8	023	27.9	41.2
0183	Mar-31	1947	4051.7	6914.3	W13816.6	Y43597.2		33.1	40.6
0184	Mar-31	2113	4053.6	6912.1	W13797.5	Y43607.5	170	36.9	40.6
0185	Apr-01	0021	4048.9	6929.9	W13907.8	Y43593.4	252	24.3	40.5
0186	Apr-01	0154	4051.0	6937.3	W13938.6	Y43613.7	276	21.1	40.5
0187	Apr-01	0404	4053.8	6930.9	W13894.2	Y43625.7	324	20.0	40.6
0188	Apr-01	0548	4102.1	6929.3	W13853.0	Y43677.5	210	20.5	40.5
0189	Apr-01	0716	4106.3	6927.5	W13826.6	Y43701.8	230	17.2	40.1
0190	Apr-01	0934	4114.7	6932.4	W13817.8	Y43759.4	190	12.6	40.1
0191	Apr-01	1103	4115.4	6929.2	W13797.6	Y43760.0	341	15.6	40.3
0192	Apr-01	1346	4120.7	6916.6	W13708.1	Y43778.4	137	53.3	40.1

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0193	Apr-05	1922	4128.8	6934.4	W13767.5	Y43848.3	316	17.5	39.2
0194	Apr-05	2112	4139.2	6943.7	W13772.7	Y43922.5	329	27.9	39.0
0195	Apr-05	2231	4141.2	6939.4	W13739.4	Y43928.5	153	47.0	39.9
0196	Apr-06	0132	4138.0	6913.1	W13611.7	Y43876.2	188	94.6	41.2
0197	Apr-06	0516	4100.1	6919.6	W13810.6	Y43654.8	164	27.6	40.3
0198	Apr-06	0636	4100.9	6916.3	W13790.0	Y43657.0	059	30.3	40.5
0199	Apr-06	0819	4108.6	6908.7	W13719.3	Y43696.3	046	51.9	40.6
0200	Apr-06	1003	4113.9	6857.5	W13639.6	Y43717.0	053	58.0	40.3
0201	Apr-06	1205	4106.7	6852.8	W13646.6	Y43669.8	076	42.9	41.2
0202	Apr-06	1406	4104.2	6836.7	W13578.0	Y43639.9	234	32.5	42.6
0203	Apr-06	1702	4042.9	6842.3	W13693.0	Y43516.3	145	35.8	42.3
0204	Apr-06	1859	4031.3	6837.2	W13714.1	Y43441.5	238	40.2	41.9
0205	Apr-06	2043	4023.9	6839.2	W13751.2	Y43396.9	257	48.4	42.8
0206	Apr-06	2217	4021.5	6800.5	W13583.6	Y43361.1	125	48.9	42.6
0207	Apr-07	0004	4016.0	6839.0	W13779.2	Y43347.5	079	59.9	47.3
0208	Apr-07	0525	4020.9	6749.6	W13538.6	Y43351.9	140	109.4	52.3
0209	Apr-07	0607	4021.0	6749.3	W13536.7	Y43352.5	295	103.6	52.3
0210	Apr-07	0759	4030.2	6746.7	W13489.3	Y43404.9	035	65.3	54.3
0211	Apr-07	1145	4034.5	6713.9	W13334.1	Y43411.5	350	66.7	52.3
0212	Apr-08	1151	4155.0	6955.4	W13765.7	Y44032.1	176	15.3	39.7
0213	Apr-08	1415	4203.9	6942.9	W13650.4	Y44065.0	152	107.7	43.3
0214	Apr-08	1720	4214.2	6930.6	W13528.5	Y44103.2	075	119.2	44.2
0215	Apr-08	2150	4212.8	6840.2	W13266.8	Y44024.9	166	104.2	43.5
0216	Apr-09	0036	4153.9	6842.2	W13374.4	Y43927.3	111	85.3	43.0
0217	Apr-09	0321	4146.4	6817.7	W13292.1	Y43858.1	061	51.9	41.9
0218	Apr-09	0527	4156.9	6819.6	W13248.3	Y43916.1	356	99.5	44.6
0219	Apr-09	0651	4201.2	6820.4	W13229.7	Y43939.5	047	96.0	44.6
0220	Apr-09	0854	4210.7	6811.7	W13138.4	Y43978.2	040	93.2	45.3
0221	Apr-09	1128	4205.5	6751.0	W13070.3	Y43927.5	184	104.7	45.1
0222	Apr-09	1341	4151.4	6754.4	W13158.4	Y43859.0	126	25.7	42.1
0223	Apr-09	1522	4146.5	6743.6	W13135.0	Y43822.2	143	23.0	43.0
0224	Apr-09	1729	4138.7	6727.0	W13101.7	Y43765.7	163	29.5	43.0
0225	Apr-09	1851	4131.6	6722.6	W13117.8	Y43724.8	166	29.3	42.8
0226	Apr-09	1951	4127.4	6721.0	W13130.8	Y43701.6	180	23.0	42.8
0227	Apr-09	2111	4119.9	6718.9	W13157.0	Y43660.6	185	24.3	42.8
0228	Apr-09	2331	4111.1	6739.2	W13284.0	Y43629.8	310	27.1	42.6
0229	Apr-10	0142	4123.2	6753.8	W13293.0	Y43708.2	314	23.8	43.3
0230	Apr-10	0321	4132.8	6756.6	W13259.8	Y43763.2	340	20.0	43.3
0231	Apr-10	0533	4124.3	6800.1	W13316.0	Y43720.2	239	23.0	43.3
0232	Apr-10	0635	4122.0	6806.7	W13357.3	Y43713.6	145	21.1	43.3
0233	Apr-10	0840	4108.2	6801.7	W13396.8	Y43632.2	050	24.3	43.0
0234	Apr-10	1104	4101.3	6814.9	W13487.4	Y43604.2	202	26.5	43.0
0235	Apr-10	1255	4050.7	6810.8	W13513.3	Y43539.5	104	32.8	42.6
0236	Apr-10	1524	4049.8	6756.7	W13453.5	Y43524.1	215	36.6	41.9
0237	Apr-10	1633	4046.6	6758.2	W13473.4	Y43506.8	087	37.7	41.7
0238	Apr-10	1750	4046.3	6750.8	W13442.0	Y43499.9	101	36.1	41.7
0239	Apr-10	2014	4043.2	6731.3	W13370.5	Y43469.9	035	47.6	41.5
0240	Apr-11	0152	4053.6	6639.2	W13117.2	Y43494.4	048	61.8	

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0241	Apr-11	0539	4111.6	6659.8	W13117.4	Y43602.1	082	37.2	41.9
0242	Apr-11	0735	4113.1	6646.7	W13059.6	Y43600.2	336	39.4	42.1
0243	Apr-11	1031	4126.9	6700.1	W13047.7	Y43681.6	313	33.9	41.9
0244	Apr-11	1306	4135.7	6646.8	W12953.5	Y43715.1	141	38.8	42.1
0245	Apr-14	0511	4159.1	6729.1	W13007.7	Y43871.5	018	23.8	42.6
0246	Apr-14	0636	4206.4	6724.1	W12948.1	Y43902.4	054	50.6	41.9
0247	Apr-14	0857	4208.3	6736.9	W12992.8	Y43925.9	061	96.5	43.9
0248	Apr-14	1044	4213.0	6725.0	W12917.1	Y43935.5	028	132.1	45.9
0249	Apr-14	1223	4218.7	6721.9	W12873.1	Y43959.5	088	153.7	46.0
0250	Apr-14	1356	4218.4	6712.1	W12834.4	Y43947.2	107	151.5	46.2
0251	Apr-14	1603	4216.8	6710.1	W12835.0	Y43937.7	094	142.2	45.9
0252	Apr-14	1809	4216.4	6655.7	W12779.8	Y43920.6	110	147.9	46.4
0253	Apr-14	2035	4209.6	6635.1	W12738.8	Y43867.9	120	69.7	41.7
0254	Apr-15	0048	4155.5	6627.5	W12783.8	Y43794.5	052	45.1	41.5
0255	Apr-15	0246	4157.4	6613.8	W12725.2	Y43791.8	227	44.6	41.7
0256	Apr-15	0436	4146.6	6619.8	W12800.3	Y43745.7	157	44.0	41.0
0257	Apr-15	0609	4139.1	6621.2	W12841.6	Y43711.0	245	45.4	40.8
0258	Apr-15	0830	4129.4	6636.9	W12946.1	Y43675.7	110	45.9	40.8
0259	Apr-15	1052	4121.0	6617.2	W12913.1	Y43619.4	000	55.5	48.0
0260	Apr-15	1555	4150.7	6543.8	W12658.1	Y43736.3	340	142.4	49.8
0261	Apr-15	1729	4151.0	6550.6	W12678.4	Y43743.1	335	69.2	51.4
0262	Apr-15	1913	4201.2	6557.2	W12649.8	Y43795.4	311	75.5	52.5
0263	Apr-15	2047	4208.3	6606.5	W12644.7	Y43835.7	315	111.0	52.9
0264	Apr-15	2225	4206.9	6615.3	W12682.3	Y43837.0	228	50.3	42.4
0265	Apr-16	0000	4209.1	6622.1	W12694.4	Y43853.5	278	95.7	50.5
0266	Apr-16	0148	4207.9	6633.9	W12743.1	Y43859.3	242	45.4	41.7
0267	Apr-16	0445	4220.7	6648.1	W12728.1	Y43932.6	285	170.3	45.9
0268	Apr-16	0759	4228.3	6717.9	W12803.5	Y44000.4	040	178.3	45.9
0269	Apr-16	1041	4236.2	6659.9	W12687.3	Y44016.3	324	157.5	46.9
0270	Apr-16	1333	4241.6	6715.7	W12718.6	Y44059.3	274	113.5	47.3
0271	Apr-16	1721	4239.2	6754.9	W12901.5	Y44096.3	345	104.2	45.7
0272	Apr-16	2132	4308.8	6815.9	W12820.7	Y44260.4	097	110.7	43.5
0273	Apr-16	2326	4313.2	6804.2	W12737.6	Y44262.6	086	114.3	43.3
0274	Apr-17	0216	4315.1	6740.6	W12619.6	Y44238.5	069	123.9	45.0
0275	Apr-17	0452	4301.5	6735.3	W12681.8	Y44172.6	108	101.7	43.2
0276	Apr-17	0932	4254.2	6657.3	W12573.4	Y44093.2	095	105.0	48.6
0277	Apr-17	1115	4308.0	6704.2	W12516.5	Y44161.2	051	97.1	46.9
0278	Apr-17	1324	4311.1	6646.3	W12432.0	Y44152.3	334	77.1	44.2
0279	Apr-17	1748	4343.7	6700.6	W12277.1	Y44301.4	282	86.1	44.1
0280	Apr-17	2020	4354.9	6718.9	W12269.5	Y44368.7	216	115.9	45.3
0281	Apr-17	2210	4347.6	6721.2	W12327.8	Y44343.9	184	105.5	45.3
0282	Apr-18	0101	4334.6	6741.1	W12495.6	Y44319.9	217	131.2	45.1
0283	Apr-18	0405	4350.0	6749.2	W12426.5	Y44392.3	045	113.2	45.3
0284	Apr-18	0736	4412.7	6735.9	W12211.0	Y44458.2	225	75.5	42.8
0285	Apr-18	0951	4405.7	6723.1	W12210.9	Y44414.7	039	91.9	44.2
0286	Apr-18	1122	4413.0	6720.7	W12150.7	Y44437.8	028	117.3	45.3
0287	Apr-18	1426	4419.8	6730.8	W12140.7	Y44476.1	239	54.1	40.3
0288	Apr-18	1701	4413.7	6756.2	W12289.5	Y44491.3	220	39.6	39.6

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0289	Apr-18	1857	4407.5	6758.9	W12345.9	Y44472.7	225	55.0	40.6
0290	Apr-18	2149	4354.9	6824.3	W12555.2	Y44463.5	224	58.0	39.6
0291	Apr-19	0012	4340.2	6821.0	W12640.5	Y44400.5	185	104.2	43.9
0292	Apr-19	0221	4328.1	6826.7	W12749.2	Y44359.6	211	94.1	41.5
0293	Apr-19	0429	4300.4	6830.9	W12946.6	Y44244.2	333	85.3	41.5
0294	Apr-19	0711	4340.5	6854.9	W12812.6	Y44455.0		50.3	38.8
0295	Apr-19	1130	4337.9	6936.8	W13069.5	Y44515.3	053	44.3	38.7
0296	Apr-19	1519	4321.2	6904.9	W12994.5	Y44390.0	156	84.8	39.4
0297	Apr-19	1829	4259.2	6902.9	W13120.9	Y44287.6	126	93.0	40.3
0298	Apr-19	2137	4254.4	6834.9	W13003.5	Y44222.4	200	89.9	43.2
0299	Apr-20	0000	4241.7	6846.2	W13135.9	Y44178.9	165	93.2	44.1
0300	Apr-20	0149	4200.3	6846.2	W13362.2	Y43967.1	192	107.7	44.2
0301	Apr-20	0458	4237.9	6910.9	W13289.5	Y44197.0	297	105.8	43.0
0302	Apr-20	0646	4239.5	6923.2	W13349.6	Y44224.0	210	120.6	43.3
0303	Apr-20	0847	4234.1	6926.9	W13400.6	Y44202.5	319	128.2	44.4
0304	Apr-20	1006	4236.8	6930.6	W13406.2	Y44222.3	339	132.1	44.4
0305	Apr-20	1315	4257.9	6937.7	W13325.4	Y44338.1	024	84.8	40.5
0306	Apr-20	1538	4305.5	6946.4	W13331.6	Y44389.2	295	89.4	40.5
0307	Apr-20	1828	4308.7	7013.2	X25867.8	Y44452.4	203	76.8	38.8
0308	Apr-20	2105	4258.0	7013.2	X25804.3	Y44401.4	288	88.6	39.0
0309	Apr-20	2303	4303.4	7027.0	X25907.7	Y44452.8	196	48.4	37.9
0310	Apr-21	0044	4253.3	7027.9	X25853.0	Y44405.1	190	61.8	38.5
0311	Apr-21	0247	4240.9	7024.6	X25758.5	Y44335.7	229	24.9	38.5
0312	Apr-21	0500	4229.6	7043.4	X25800.7	Y44309.6	179	28.4	39.0
0313	Apr-21	0714	4226.9	7051.8	X25839.5	Y44310.1	190	13.9	39.2
0314	Apr-21	0844	4220.3	7047.1	X25768.0	Y44264.1	130	15.0	39.6
0315	Apr-21	0949	4219.3	7041.8	X25726.0	Y44248.7	132	22.4	38.3
0316	Apr-21	1213	4228.8	7025.6	X25686.2	Y44272.6	079	42.4	39.6
0317	Apr-21	1405	4230.6	7012.5	X25626.2	Y44259.4	190	40.7	39.6
0318	Apr-21	1600	4232.0	7003.4	X25590.5	Y44251.3	142	71.4	40.1
0319	Apr-21	1749	4227.6	7010.6	X25596.7	Y44240.2	188	41.6	39.6
0320	Apr-21	1904	4222.4	7010.5	X25561.0	Y44211.5	150	39.9	39.4
0321	Apr-21	2105	4221.5	6954.7	W13629.0	Y44180.7	098	115.4	42.8
0322	Apr-21	2316	4211.2	6951.5	W13663.4	Y44119.1	183	101.2	43.3
0323	Apr-22	0104	4207.8	7001.8	X25416.4	Y44116.1	326	42.9	40.3
0324	Apr-22	0234	4213.5	7005.8	X25475.8	Y44154.5	153	50.3	40.3
0325	Apr-22	0534	4201.8	7029.2	X25529.6	Y44124.9	255	21.3	39.4
0326	Apr-22	0646	4203.1	7033.7	X25568.2	Y44140.2	174	16.7	40.6
0327	Apr-22	0819	4154.7	7027.4	X25470.0	Y44079.5	140	16.7	40.3
0328	Apr-22	0948	4158.5	7019.6	X25446.3	Y44090.1	054	23.2	38.8
0329	Apr-22	1129	4152.8	7008.5	X25341.2	Y44039.0	206	5.2	48.2