NMFS-NEFSC FALL BOTTOM TRAWL SURVEY
1999 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0001	Sep-21	0616	3906.2	7256.8	X26404.3	Y42879.2	095	45.7	52.3
0002	Sep-21	0758	3901.3	7249.2	X26353.5	Y42834.2	275	61.8	53.8
0003	Sep-21	1019	3905.1	7310.5	X26490.9	Y42866.8	193	36.4	52.5
0004	Sep-21	1159	3857.1	7312.4	X26497.0	Y42787.1	309	39.9	55.6
0005	Sep-21	1428	3847.3	7304.4	X26441.0	Y42695.0	211	67.8	54.7
0006	Sep-21	1637	3836.8	7313.8	X26490.7	Y42586.6	206	80.1	56.5
0007	Sep-21	1735	3835.8	7314.6	X26494.9	Y42576.7	006	70.5	
0008	Sep-21	2109	3837.1	7347.7	X26689.8	Y42569.2	187	30.6	51.3
0009	Sep-22	0024	3814.4	7339.4	X26618.8	Y42342.7	211	151.5	50.5
0010	Sep-22	0200	3810.8	7343.4	X26637.8	Y42302.8	214	86.1	55.8
0011	Sep-22	0413	3800.6	7355.7	X26693.7	Y42184.8	231	78.2	54.0
0012	Sep-22	0707	3801.9	7420.2	X26823.7	Y42169.1	218	29.5	59.2
0013	Sep-22	0855	3757.5	7416.7	X26799.8	Y42126.4	210	37.2	57.2
0014	Sep-22	1020	3752.7	7421.9	X26820.4	Y42068.8	221	34.4	57.9
0015	Sep-22	1134	3751.3	7426.7	X26842.8	Y42048.2	228	30.9	58.6
0016	Sep-22	1352	3746.7	7439.8	X26901.7	Y41980.4	220	26.8	63.9
0017	Sep-22	1512	3744.1	7442.8	X26912.6	Y41947.9	188	26.0	63.7
0018	Sep-22	1908	3730.9	7420.3	X26785.4	Y41841.4	218	113.5	53.1
0019	Sep-22	2210	3723.4	7429.6	X26821.1	Y41746.9	208	71.6	54.1
0020	Sep-23	0102	3716.5	7439.1	X26857.3	Y41657.2	235	45.1	57.9
0021	Sep-23	0258	3700.1	7439.3	X26838.4	Y41484.2	193	47.0	57.9
0022	Sep-23	0408	3706.6	7443.2	X26863.3	Y41544.8	247	83.7	57.9
0023	Sep-23	0758	3657.2	7456.4	X26910.4	Y41418.7	149	22.4	69.1
0024	Sep-23	0959	3646.2	7445.9	X26851.1	Y41325.1	185	36.9	62.2
0025	Sep-23	1236	3638.5	7506.4	X26929.0	Y41197.2	155	14.8	72.9
0026	Sep-23	1435	3629.4	7454.2	X26867.2	Y41131.5		18.6	69.8
0027	Sep-23	1608	3623.4	7446.8	X26830.5	Y41089.5	182	70.5	57.4
0028	Sep-23	1744	3615.1	7446.6	X26821.2	Y41006.6	164	140.3	51.6
0029	Sep-23	1920	3607.0	7449.3	X26824.1	Y40919.2	192	55.8	57.9
0030	Sep-23	2056	3558.8	7451.6	X26825.3	Y40832.1	087	55.5	58.8
0031	Sep-23	2233	3600.5	7448.3	X26814.0	Y40859.3	186	85.3	56.1
0032	Sep-24	0324	3526.6	7520.4	X26901.9	Y40430.7	240	12.6	73.6
0033	Sep-24	0513	3524.0	7525.9	X26918.8	Y40387.0	175	9.0	73.0
0034	Sep-24	0717	3516.6	7525.9	X26911.4	Y40318.2	175	9.8	74.1
0035	Sep-24	1004	3512.7	7517.0	X26876.2	Y40316.2	180	11.8	77.9
0036	Sep-24	1147	3511.6	7513.5	X26862.9	Y40319.7	212	12.8	80.4
0037	Sep-24	1438	3456.9	7532.5	X26914.9	Y40116.9	233	24.3	78.8
0038	Sep-24	1737	3459.8	7544.5	X26958.7	Y40094.5	002	13.9	76.3
0039	Sep-24	1931	3508.7	7546.4	X26974.4	Y40167.9	105	9.0	76.6
0040	Sep-24	2152	3506.1	7538.2	X26943.7	Y40175.9	039	11.5	76.8
0041	Sep-24	2326	3511.4	7534.4	X26935.7	Y40238.4	158	8.2	76.1
0042	Sep-25	0456	3544.7	7529.1	X26953.0	Y40577.3	347	8.7	72.5
0043	Sep-25	0659	3558.7	7536.5	X26997.6	Y40698.4	333	9.0	72.7
0044	Sep-25	0931	3611.8	7543.6	X27042.0	Y40818.4	108	9.0	72.1
0045	Sep-25	1205	3611.3	7518.9	X26945.7	Y40879.9	343	17.0	72.0
0046	Sep-25	1423	3625.9	7530.8	X27011.8	Y41003.4	275	13.7	72.3
0047	Sep-25	1558	3621.4	7540.6	X27044.1	Y40930.0	328	11.5	72.3
0048	Sep-25	1806	3623.8	7546.8	X27071.5	Y40941.2	038	10.4	72.1

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0049	Sep-25	2011	3628.9	7539.4	X27050.0	Y41015.3	007	12.6	72.1
0050	Sep-25	2158	3634.1	7538.3	X27053.6	Y41075.1	276	11.2	72.1
0051	Sep-25	2359	3632.4	7550.5	X27099.4	Y41028.6	357	5.5	72.1
0052	Sep-26	0152	3640.9	7538.7	X27065.3	Y41149.1	012	10.7	72.0
0053	Sep-26	0313	3646.6	7542.7	X27090.8	Y41204.6	341	9.8	72.0
0054	Sep-26	0445	3651.8	7548.5	X27122.9	Y41251.0	311	8.2	71.6
0055	Sep-26	0718	3655.7	7549.0	X27131.7	Y41294.8	045	7.4	71.6
0056	Sep-26	0936	3701.6	7604.4	X27205.5	Y41333.8		6.8	70.3
0057	Sep-26	1448	3703.8	7509.0	X26974.8	Y41464.3	309	19.1	72.0
0058	Sep-26	1624	3711.2	7518.9	X27029.3	Y41527.0	297	15.9	72.0
0059	Sep-26	1808	3718.4	7530.9	X27094.5	Y41585.5	224	10.1	71.2
0060	Sep-26	1958	3718.6	7539.3	X27131.6	Y41573.2		7.1	70.7
0061	Sep-26	2206	3725.6	7537.4	X27136.4	Y41657.3		5.7	69.4
0062	Sep-27	0020	3726.9	7530.8	X27109.5	Y41682.6	174	9.3	70.9
0063	Sep-27	0224	3724.1	7527.3	X27088.6	Y41657.0	023	12.0	71.1
0064	Sep-27	0428	3734.1	7527.0	X27105.2	Y41770.0	048	8.2	70.7
0065	Sep-27	0603	3738.8	7520.9	X27085.9	Y41832.6	045	9.6	70.9
0066	Sep-27	0832	3734.0	7500.8	X26983.8	Y41809.6	344	15.9	70.7
0067	Sep-27	1051	3751.1	7506.4	X27040.1	Y41992.4	248	12.0	70.9
0068	Sep-27	1311	3752.9	7518.6	X27102.2	Y41996.6	035	6.0	70.3
0069	Sep-27	1540	3756.5	7515.0	X27092.0	Y42042.4	042	7.4	70.0
0070	Sep-27	1746	3808.7	7504.6	X27064.5	Y42192.5	102	8.5	70.5
0071	Sep-27	2007	3806.5	7455.8	X27015.6	Y42177.6	300	12.0	70.9
0072	Sep-27	2233	3806.3	7444.7	X26958.1	Y42188.6	313	13.4	70.2
0073	Sep-28	0012	3813.5	7455.0	X27024.9	Y42257.6	282	10.9	70.7
0074	Sep-28	0154	3814.5	7507.1	X27088.8	Y42255.7	024	6.0	70.3
0075	Sep-28	0404	3820.9	7459.9	X27065.1	Y42335.1	042	9.0	70.5
0076	Sep-28	0613	3831.1	7453.3	X27051.0	Y42455.5	050	10.7	70.3
0077	Sep-28	0803	3836.0	7442.9	X27004.2	Y42519.1	315	10.7	69.8
0078	Sep-28	1003	3835.6	7454.0	X27064.8	Y42506.3	336	11.8	70.3
0079	Sep-28	1147	3842.1	7502.5	X27125.3	Y42572.7	151	8.2	70.2
0080	Sep-28	1657	3852.8	7503.1	X27155.0	Y42694.6	359	7.4	69.6
0081	Sep-28	1817	3854.0	7507.5	X27182.3	Y42705.2	160	10.4	69.4
0082	Sep-28	2055	3850.2	7449.2	X27070.1	Y42672.6	033	7.4	70.2
0083	Sep-28	2257	3858.7	7444.2	X27060.7	Y42770.3	173	8.2	69.8
0084	Sep-29	0110	3851.4	7439.9	X27019.0	Y42691.9	058	6.6	70.0
0085	Sep-29	0222	3851.3	7432.7	X26977.1	Y42694.7		13.1	69.4
0086	Sep-29	0407	3853.7	7419.2	X26902.0	Y42727.8	017	18.3	61.9
0087	Sep-29	0522	3858.6	7416.6	X26895.8	Y42781.3	330	16.1	66.6
0088	Sep-29	0651	3906.3	7425.0	X26962.7	Y42862.1	270	11.5	67.5
0089	Sep-29	0844	3906.4	7440.0	X27053.8	Y42857.9	090	8.2	69.6
0090	Sep-29	1100	3913.5	7420.5	X26949.8	Y42941.3	060	10.4	69.1
0091	Sep-29	1214	3918.6	7417.4	X26941.0	Y42996.3	038	9.3	69.3
0092	Sep-29	1420	3921.0	7359.3	X26829.5	Y43023.3	043	14.8	65.8
0093	Sep-29	1555	3916.4	7351.0	X26766.8	Y42975.6	133	19.7	60.3
0094	Sep-29	1905	3858.7	7327.1	X26590.2	Y42799.4	030	29.3	50.2
0095	Sep-29	2037	3906.7	7327.3	X26600.3	Y42879.6	347	29.0	49.3
0096	Sep-29	2218	3915.7	7322.3	X26577.9	Y42970.2	040	27.1	48.6

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0097	Sep-30	0136	3925.9	7251.3	X26379.8	Y43067.0	009	35.8	53.6
0098	Sep-30	0255	3928.8	7246.8	X26350.3	Y43093.6	107	35.8	53.4
0099	Sep-30	0452	3921.2	7238.8	X26293.0	Y43021.4	135	61.8	56.8
0100	Sep-30	0748	3937.0	7226.2	X26211.2	Y43164.0	345	137.2	54.0
0101	Sep-30	1005	3936.1	7226.6	X26214.0	Y43156.0	170	98.4	54.3
0102	Sep-30	1407	3951.3	7204.9	X26060.9	Y43281.4	001	48.4	55.6
0103	Oct-05	1717	4123.8	7100.9	X25586.6	Y43932.9	218	11.5	64.9
0104	Oct-05	1916	4124.2	7116.8	X25730.5	Y43960.0	148	14.8	65.3
0105	Oct-05	2204	4106.3	7102.5	X25564.3	Y43813.7		18.6	64.8
0106	Oct-05	2239	4106.4	7104.4	X25581.2	Y43817.4	277	19.7	
0107	Oct-06	0136	4105.9	7138.5	X25884.2	Y43860.3	233	17.2	64.9
0108	Oct-06	0317	4059.2	7147.1	X25949.0	Y43821.8	231	18.9	65.1
0109	Oct-06	0433	4059.2	7150.7	X25980.7	Y43826.5	240	15.0	64.9
0110	Oct-06	0607	4058.8	7201.8	X26077.1	Y43838.6	256	7.4	64.8
0111	Oct-06	0712	4058.8	7203.7	X26094.1	Y43841.9	249	6.6	64.8
0112	Oct-06	0848	4053.8	7206.3	X26108.3	Y43805.6	247	15.9	65.3
0113	Oct-06	1016	4048.2	7212.6	X26154.4	Y43768.9	358	19.1	65.7
0114	Oct-06	1135	4053.9	7214.2	X26176.9	Y43817.4	244	10.4	64.9
0115	Oct-06	1247	4051.7	7218.4	X26209.5	Y43804.7	224	13.1	65.1
0116	Oct-06	1441	4048.3	7233.7	X26335.2	Y43797.4	249	6.6	64.0
0117	Oct-06	1601	4044.2	7238.6	X26369.2	Y43769.0	092	15.6	65.1
0118	Oct-06	1721	4041.2	7237.7	X26356.7	Y43742.7	264	17.5	61.3
0119	Oct-06	1916	4041.6	7255.6	X26507.4	Y43768.9	233	9.3	64.6
0120	Oct-06	2113	4036.2	7311.1	X26623.6	Y43739.2	095	10.7	64.2
0121	Oct-06	2237	4033.4	7303.8	X26558.6	Y43705.5	121	14.2	60.8
0122	Oct-07	0044	4024.3	7252.6	X26451.4	Y43610.7	110	22.4	58.6
0123	Oct-07	0359	4004.3	7249.2	X26397.1	Y43425.3	091	28.7	53.4
0124	Oct-07	0640	4008.9	7227.3	X26233.8	Y43450.1	176	32.5	52.5
0125	Oct-07	0850	3952.1	7226.6	X26218.8	Y43300.3	177	40.5	53.4
0126	Oct-07	1500	3943.6	7242.6	X26330.1	Y43230.9	316	36.6	53.2
0127	Oct-07	1732	3958.9	7258.3	X26460.2	Y43381.7	282	27.1	53.4
0128	Oct-07	1959	3955.7	7322.0	X26631.3	Y43365.2	308	25.7	50.2
0129	Oct-07	2140	4000.8	7331.3	X26709.5	Y43420.7	293	22.4	51.3
0130	Oct-08	0023	3946.8	7350.0	X26817.0	Y43289.5	212	13.1	66.0
0131	Oct-08	0219	3938.7	7340.3	X26733.3	Y43203.4	218	17.5	61.5
0132	Oct-08	0221	3933.7	7358.6	X26849.5	Y43156.7	306	13.1	65.8
0133	Oct-08	0547	3938.3	7407.4	X26919.2	Y43206.4	045	9.6	65.5
0134	Oct-08	0749	3951.3	7358.1	X26884.2	Y43339.6	284	10.9	65.3
0135	Oct-08	0849	3951.9	7402.6	X26917.6	Y43347.0	182	9.3	64.9
0136	Oct-08	1019	3948.4	7404.3	X26920.8	Y43311.6	003	6.6	63.7
0137	Oct-08	1414	4023.5	7354.9	X26941.1	Y43665.7	015	10.4	64.0
0138	Oct-08	1556	4033.0	7347.8	X26911.7	Y43752.5	075	7.4	63.5
0139	Oct-08	1705	4032.9	7342.8	X26872.2	Y43745.6	108	9.3	63.5
0140	Oct-08	1837	4029.7	7346.6	X26893.3	Y43718.8	151	14.2	59.7
0141	Oct-08	2026	4018.8	7341.7	X26827.6	Y43606.2	162	13.9	65.7
0142	Oct-08	2143	4019.3	7339.2	X26809.1	Y43609.2	130	12.8	65.7
0143	Oct-08	2315	4023.7	7331.5	X26759.7	Y43644.7	097	13.1	65.1
0144	Oct-09	0040	4026.2	7321.8	X26688.8	Y43658.6	071	14.5	65.1

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0145	Oct-09	0252	4032.0	7330.2	X26768.9	Y43722.4	012	8.5	64.2
0146	Oct-09	0408	4033.7	7331.5	X26783.7	Y43740.4	065	7.1	62.4
0147	Oct-09	0526	4033.9	7325.6	X26736.3	Y43735.0	103	8.7	62.8
0148	Oct-09	1123	4025.3	7213.4	X26135.8	Y43579.2	346	29.8	52.0
0149	Oct-09	1358	4040.8	7201.1	X26047.9	Y43694.4	139	26.2	54.1
0150	Oct-09	1514	4036.7	7158.2	X26020.2	Y43658.0	095	29.3	52.9
0151	Oct-09	1703	4028.9	7154.8	X25987.0	Y43590.5	091	35.5	52.9
0152	Oct-09	1851	4031.1	7141.3	X25878.5	Y43594.8	109	38.8	54.1
0153	Oct-09	2324	4001.3	7117.8	X25720.7	Y43337.5	065	89.1	56.3
0154	Oct-10	0056	4006.5	7114.2	X25689.1	Y43376.2		72.5	57.2
0155	Oct-10	0311	4016.1	7059.0	X25568.5	Y43439.4	065	60.4	57.2
0156	Oct-10	0435	4018.7	7058.5	X25560.5	Y43459.2	082	53.3	56.7
0157	Oct-10	0556	4021.2	7053.0	X25517.7	Y43473.1	270	49.8	56.7
0158	Oct-10	0722	4026.2	7058.2	X25546.6	Y43515.8	291	44.0	56.8
0159	Oct-10	0859	4028.2	7109.6	X25629.1	Y43541.1	315	40.7	56.1
0160	Oct-10	1035	4033.6	7118.9	X25697.4	Y43591.7	069	34.4	55.2
0161	Oct-10	1357	4045.2	7044.8	X25416.9	Y43641.8	002	31.7	56.8
0162	Oct-10	1725	4113.5	7037.1	X25346.0	Y43830.5	046	14.8	62.8
0163	Oct-10	1923	4110.8	7022.4	X25210.0	Y43793.2	058	17.0	61.9
0164	Oct-10	2050	4114.1	7016.8	X25163.0	Y43808.1	172	12.8	61.7
0165	Oct-11	0026	4051.0	7014.0	X25180.3	Y43650.5	062	20.0	58.5
0166	Oct-11	0234	4041.4	7011.5	X25197.3	Y43582.4	204	24.1	58.8
0167	Oct-11	0502	4034.3	7024.6	X25297.8	Y43544.3	186	33.4	57.2
0168	Oct-11	0616	4031.5	7025.0	X25308.0	Y43524.9	138	34.4	57.0
0169	Oct-11	0840	4019.0	7007.1	X25250.0	Y43422.5	118	45.9	57.0
0170	Oct-11	1006	4016.8	6957.1	W14161.9	Y43399.6	146	46.5	57.2
0171	Oct-11	1205	4006.0	6947.6	W14147.3	Y43318.8	115	56.6	59.0
0172	Oct-11	1404	4001.1	6932.0	W14084.4	Y43276.8	124	59.9	58.3
0173	Oct-11	1637	4006.4	6913.0	W13974.2	Y43303.4	024	61.2	57.0
0174	Oct-11	1945	4006.8	6850.3	W13864.5	Y43295.2	016	125.8	53.2
0175	Oct-11	2121	4015.6	6847.7	W13821.5	Y43349.5	019	54.4	58.1
0176	Oct-11	2349	4019.3	6901.9	W13876.0	Y43381.8	021	47.0	58.3
0177	Oct-12	0314	4038.1	6921.8	W13906.8	Y43516.8	324	24.3	61.9
0178	Oct-12	0516	4043.7	6937.0	W13964.1	Y43566.4	344	22.4	59.7
0179	Oct-12	0759	4101.3	6943.6	W13932.4	Y43687.0	183	20.5	56.5
0180	Oct-12	0919	4058.6	6937.3	W13909.4	Y43662.8	050	22.4	55.9
0181	Oct-12	1104	4106.0	6935.0	W13867.2	Y43707.9	132	17.0	56.3
0182	Oct-12	1237	4102.0	6930.4	W13859.1	Y43677.4	205	19.1	55.6
0183	Oct-12	1544	4053.4	6910.5	W13790.6	Y43604.6	054	35.3	61.2
0184	Oct-12	1754	4043.5	6900.7	W13780.3	Y43534.4	169	36.6	64.4
0185	Oct-12	1940	4038.1	6851.1	W13754.3	Y43493.6		33.9	62.1
0186	Oct-12	2159	4052.1	6838.9	W13639.5	Y43569.4	019	31.7	60.4
0187	Oct-13	0047	4039.2	6827.4	W13636.9	Y43483.3	146	35.8	59.9
0188	Oct-13	0359	4023.6	6804.8	W13594.7	Y43375.7	113	76.6	55.2
0189	Oct-13	0658	4046.0	6801.5	W13490.8	Y43505.6	049	37.2	
0190	Oct-13	0928	4059.1	6749.0	W13379.9	Y43571.1	299	26.8	60.1
0191	Oct-13	1147	4103.9	6813.2	W13468.6	Y43617.6	310	24.3	62.1
0192	Oct-13	1320	4108.3	6811.6	W13442.0	Y43641.1	007	23.8	62.1

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0193	Oct-13	1604	4121.2	6752.0	W13294.2	Y43695.6	328	21.9	63.7
0194	Oct-13	1831	4130.8	6810.5	W13333.6	Y43766.2	282	18.3	62.8
0195	Oct-13	2008	4129.7	6821.9	W13392.3	Y43771.6	308	24.6	62.1
0196	Oct-13	2159	4126.2	6827.9	W13438.1	Y43757.9	225	41.8	58.3
0197	Oct-14	0040	4128.7	6848.6	W13527.8	Y43794.4	207	79.0	42.1
0198	Oct-14	0454	4138.1	6907.0	W13578.8	Y43869.5	182	86.9	42.4
0199	Oct-14	0700	4126.5	6910.2	W13649.3	Y43805.4	173	80.4	42.3
0200	Oct-19	1440	4132.3	6940.1	W13783.4	Y43876.4	028	18.0	53.8
0201	Oct-19	1621	4141.0	6937.2	W13728.1	Y43924.7	149	52.2	43.2
0202	Oct-19	1952	4132.2	6936.2	W13762.3	Y43870.8	128	20.8	54.1
0203	Oct-19	2226	4127.0	6935.1	W13779.3	Y43838.2	120	16.4	54.0
0204	Oct-20	0029	4116.1	6931.7	W13807.9	Y43767.5	336	13.7	53.4
0205	Oct-20	0244	4113.8	6922.4	W13768.2	Y43742.7	019	27.1	54.0
0206	Oct-20	0356	4118.7	6919.9	W13734.4	Y43769.6	118	41.8	53.4
0207	Oct-20	0535	4114.1	6910.7	W13706.0	Y43731.8	031	50.3	45.7
0208	Oct-20	1104	4146.1	6831.6	W13360.7	Y43872.6	038	105.3	46.9
0209	Oct-20	1310	4146.0	6814.9	W13280.9	Y43852.9	078	38.8	45.9
0210	Oct-20	1438	4143.5	6806.2	W13252.3	Y43830.4	050	20.2	60.6
0211	Oct-20	1641	4153.5	6750.9	W13132.1	Y43866.0	020	26.8	60.4
0212	Oct-20	1817	4156.3	6752.3	W13124.3	Y43882.1	073	43.2	53.8
0213	Oct-20	2016	4203.0	6756.2	W13106.8	Y43920.7	260	103.1	48.0
0214	Oct-20	2306	4217.0	6758.5	W13042.8	Y43993.6	057	104.7	48.9
0215	Oct-21	0118	4219.0	6742.3	W12958.6	Y43984.6	044	125.2	48.6
0216	Oct-21	0405	4221.1	6725.2	W12873.6	Y43974.8	203	167.3	47.1
0217	Oct-21	0625	4209.0	6734.8	W12980.1	Y43927.1	152	96.2	47.7
0218	Oct-21	0842	4154.7	6730.9	W13037.8	Y43851.3	175	25.4	60.3
0219	Oct-21	1135	4203.2	6712.6	W12917.4	Y43874.7	162	26.8	57.7
0220	Oct-21	1354	4146.5	6707.0	W12980.4	Y43786.5	244	29.3	60.8
0221	Oct-21	1524	4142.1	6716.7	W13041.6	Y43773.7	194	27.1	61.3
0222	Oct-21	1832	4119.1	6700.1	W13084.3	Y43641.4	226	29.5	58.6
0223	Oct-21	2102	4109.2	6728.1	W13244.5	Y43610.9	235	29.3	59.2
0224	Oct-21	2253	4100.9	6721.7	W13255.0	Y43560.8	213	37.5	57.6
0225	Oct-22	0024	4056.0	6728.6	W13305.3	Y43539.1	220	39.1	57.7
0226	Oct-22	0227	4044.1	6739.2	W13400.6	Y43479.9	123	41.3	59.2
0227	Oct-22	0440	4033.6	6725.8	W13387.1	Y43412.3	101	63.2	58.8
0228	Oct-22	0634	4033.8	6710.4	W13323.2	Y43405.4		87.8	55.9
0229	Oct-22	0814	4031.9	6704.7	W13307.9	Y43392.2	085	179.4	48.4
0230	Oct-22	1133	4051.1	6708.3	W13242.4	Y43498.7	094	47.8	58.1
0231	Oct-22	1338	4048.1	6652.4	W13191.9	Y43473.0	038	54.7	56.3
0232	Oct-22	1541	4100.6	6647.5	W13118.9	Y43536.0	020	40.5	55.6
0233	Oct-22	1903	4126.9	6647.2	W12997.3	Y43671.2	130	41.3	57.9
0234	Oct-22	2133	4116.7	6632.5	W12988.8	Y43608.9	065	47.8	54.9
0235	Oct-22	2359	4120.1	6623.3	W12939.6	Y43619.2	080	50.3	55.2
0236	Oct-23	0641	4133.8	6623.3	W12875.2	Y43686.5	095	45.9	55.4
0237	Oct-23	1420	4138.2	6634.5	W12894.8	Y43717.4	033	38.8	59.4
0238	Oct-23	1650	4143.4	6618.4	W12810.8	Y43729.5	236	45.4	53.2
0239	Oct-23	2004	4153.6	6638.5	W12833.3	Y43795.6	275	39.4	55.8
0240	Oct-23	2233	4158.7	6653.3	W12863.9	Y43833.7	275	32.8	58.1

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0241	Oct-24	0238	4211.3	6659.3	W12821.5	Y43900.1	303	97.1	48.7
0242	Oct-24	0541	4218.8	6652.3	W12754.1	Y43928.1	112	158.6	47.1
0243	Oct-24	0813	4212.2	6646.9	W12769.0	Y43891.7	105	113.5	49.3
0244	Oct-24	1135	4206.4	6623.7	W12714.3	Y43842.5	092	48.1	51.1
0245	Oct-24	1251	4206.0	6606.8	W12657.6	Y43825.6	228	51.7	49.5
0246	Oct-24	1507	4155.8	6614.6	W12736.1	Y43785.1	168	42.4	52.9
0247	Oct-24	1832	4131.8	6602.2	W12809.7	Y43661.4	090	67.3	52.5
0248	Oct-24	2114	4146.2	6547.4	W12691.8	Y43718.1	035	73.3	52.2
0249	Oct-24	2305	4151.2	6551.5	W12681.0	Y43744.3	107	68.4	49.5
0250	Oct-25	0135	4151.1	6543.5	W12655.1	Y43738.0	319	158.6	50.7
0251	Oct-25	0355	4201.0	6546.2	W12615.3	Y43784.9		137.8	44.8
0252	Oct-25	0603	4203.9	6540.5	W12582.7	Y43793.7	344	144.1	47.3
0253	Oct-25	0948	4221.7	6550.5	W12523.2	Y43881.4	240	107.7	52.0
0254	Oct-25	1324	4218.7	6622.0	W12643.7	Y43897.3	305	138.6	49.1
0255	Oct-25	1622	4226.0	6635.7	W12653.4	Y43943.9	325	162.7	47.5
0256	Oct-25	2005	4248.7	6656.9	W12603.7	Y44068.9	270	101.2	50.2
0257	Oct-25	2227	4243.9	6716.0	W12706.6	Y44069.9	269	114.3	48.4
0258	Oct-26	0206	4243.5	6750.9	W12858.0	Y44111.2	047	100.9	48.2
0259	Oct-26	0541	4258.7	6721.0	W12639.6	Y44141.8	280	116.7	49.3
0260	Oct-26	0741	4301.4	6736.9	W12689.0	Y44174.2	305	100.9	47.3
0261	Oct-26	1035	4316.9	6749.3	W12646.9	Y44257.7	061	130.7	48.6
0262	Oct-26	1315	4318.4	6727.6	W12544.0	Y44234.9	051	108.3	48.9
0263	Oct-26	1523	4322.1	6716.4	W12476.0	Y44235.3	141	104.7	49.5
0264	Oct-26	1817	4323.0	6703.3	W12420.1	Y44222.5	025	116.7	50.2
0265	Oct-26	1956	4325.1	6658.9	W12390.9	Y44225.3	045	110.7	50.5
0266	Oct-26	2148	4324.9	6652.5	W12368.6	Y44216.6	050	112.6	51.1
0267	Oct-27	0025	4316.6	6646.4	W12398.8	Y44175.0	091	70.8	54.3
0268	Oct-27	0349	4311.6	6622.2	W12347.0	Y44126.2	234	42.4	51.3
0269	Oct-27	0840	4322.4	6634.1	W12321.2	Y44184.0	080	54.7	54.5
0270	Oct-27	1101	4339.3	6631.4	W12207.5	Y44247.4	299	57.7	54.0
0271	Oct-27	1226	4346.3	6636.0	W12177.7	Y44279.9	007	55.2	54.1
0272	Oct-27	1502	4348.2	6654.4	W12225.8	Y44310.6	354	75.2	53.4
0273	Oct-27	1633	4353.3	6655.6	W12196.2	Y44331.6	002	79.6	53.6
0274	Oct-27	1953	4412.9	6635.2	W12001.2	Y44376.8	035	31.2	52.7
0275	Oct-27	2210	4421.2	6643.0	W11967.6	Y44416.2	295	105.3	52.0
0276	Oct-28	0037	4416.5	6705.1	W12070.6	Y44428.8	234	70.3	52.0
0277	Oct-28	0338	4418.8	6732.3	W12153.5	Y44474.7	024	53.3	52.0
0278	Oct-28	0643	4403.0	6726.4	W12242.2	Y44409.3	200	99.2	49.5
0279	Nov-01	1922	4145.7	7019.1	X25353.7	Y44011.9	320	8.7	55.0
0280	Nov-01	2106	4156.5	7024.9	X25466.1	Y44086.7	308	21.3	52.5
0281	Nov-02	0000	4202.2	7025.1	X25506.0	Y44120.7	246	25.2	51.6
0282	Nov-02	0224	4201.5	7031.0	X25540.0	Y44126.5	336	20.5	50.9
0283	Nov-02	0528	4202.5	7034.5	X25570.2	Y44138.2	008	13.1	52.2
0284	Nov-02	0801	4208.3	7011.6	X25469.4	Y44134.3	032	29.0	48.6
0285	Nov-02	0940	4208.9	7008.7	X25458.0	Y44133.0	080	26.8	47.8
0286	Nov-02	1057	4208.3	7001.5	X25418.3	Y44118.2	140	47.0	45.1
0287	Nov-02	1316	4213.8	6947.3	W13626.0	Y44126.6	116	123.0	45.5
0288	Nov-02	1454	4209.1	6948.5	W13656.8	Y44102.3	166	76.8	43.9

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0289	Nov-02	1702	4202.4	6951.0	W13704.2	Y44068.5	158	56.3	43.5
0290	Nov-02	1833	4157.0	6956.9	W13764.8	Y44046.0	164	14.5	52.0
0291	Nov-02	2107	4157.2	6945.9	W13700.4	Y44031.1	340	62.3	43.3
0292	Nov-04	0922	4211.7	7033.4	X25622.5	Y44190.4	285	21.9	49.3
0293	Nov-04	1042	4214.1	7040.7	X25685.8	Y44216.8	340	10.9	52.0
0294	Nov-04	1216	4220.6	7046.5	X25765.7	Y44264.8	202	13.7	51.4
0295	Nov-04	1423	4217.9	7029.5	X25638.0	Y44218.9	115	42.9	47.7
0296	Nov-04	1555	4221.0	7019.0	X25597.7	Y44218.5	120	16.1	52.3
0297	Nov-04	1856	4222.0	7009.7	X25554.1	Y44208.0	141	41.0	44.2
0298	Nov-05	0000	4216.6	7005.0	X25493.6	Y44170.4	037	51.9	44.2
0299	Nov-05	0137	4218.4	6956.1	W13653.2	Y44166.0	145	104.2	44.8
0300	Nov-05	0352	4226.4	6951.5	W13584.4	Y44201.9	015	120.8	45.9
0301	Nov-05	0630	4229.9	7012.3	X25620.6	Y44255.2	000	40.7	44.2
0302	Nov-05	0943	4239.1	6950.2	W13507.5	Y44266.0	285	130.4	45.9
0303	Nov-05	1119	4241.5	6958.7	W13545.2	Y44292.6	346	96.5	44.2
0304	Nov-05	1340	4244.4	6959.2	W13531.3	Y44308.3	293	87.2	45.1
0305	Nov-05	1548	4248.6	7005.4	X25707.6	Y44340.6	308	59.1	43.3
0306	Nov-05	1905	4236.1	7030.4	X25761.1	Y44320.9	015	42.4	46.4
0307	Nov-05	2111	4248.7	7040.0	X25895.4	Y44404.8	003	35.8	43.7
0308	Nov-05	2304	4254.0	7028.6	X25861.4	Y44410.1	170	60.1	43.0
0309	Nov-06	0107	4254.0	7012.9	X25778.2	Y44381.0	062	64.8	43.0
0310	Nov-06	0257	4258.5	7002.3	X25754.2	Y44383.9	020	38.3	46.8
0311	Nov-06	0458	4303.6	7013.0	X25836.3	Y44427.7	052	94.9	43.5
0312	Nov-06	0625	4309.0	7005.0	X25829.4	Y44438.5	064	39.1	48.0
0313	Nov-06	0751	4311.5	6956.9	W13358.9	Y44435.7	190	82.8	45.3
0314	Nov-06	0938	4311.5	6951.2	W13324.0	Y44425.4	170	92.1	45.1
0315	Nov-06	1151	4258.4	6942.2	W13348.9	Y44348.1	118	74.9	44.2
0316	Nov-06	1400	4255.2	6933.3	W13316.3	Y44317.5	346	87.2	43.9
0317	Nov-06	1621	4310.7	6938.7	W13253.6	Y44399.8	313	35.5	46.6
0318	Nov-06	1825	4321.1	6948.8	W13249.5	Y44464.5	024	85.0	44.4
0319	Nov-06	2005	4326.1	6938.8	W13157.5	Y44468.6	031	76.8	43.2
0320	Nov-06	2301	4331.8	7002.1	X25945.0	Y44535.1	040	45.4	44.2
0321	Nov-07	0051	4333.6	6952.3	W13191.6	Y44525.1	036	45.9	44.6
0322	Nov-07	0256	4333.8	6937.5	W13099.7	Y44499.6	040	60.1	43.0
0323	Nov-07	0613	4318.3	6917.5	W13083.4	Y44398.0	002	87.2	45.0
0324	Nov-07	0844	4326.9	6905.2	W12959.5	Y44415.2	122	88.6	45.5
0325	Nov-07	2151	4335.5	6906.6	W12909.9	Y44453.8	120	72.7	45.0
0326	Nov-07	2349	4329.4	6855.2	W12888.3	Y44409.4	335	61.8	49.5
0327	Nov-08	0348	4355.5	6844.5	W12653.7	Y44497.9	255	49.5	51.4
0328	Nov-08	0641	4348.6	6828.0	W12617.2	Y44444.7	055	72.7	50.9
0329	Nov-08	0832	4356.2	6820.3	W12526.2	Y44462.5	030	58.5	51.4
0330	Nov-08	0945	4359.4	6817.2	W12488.5	Y44470.2	040	54.4	51.3
0331	Nov-08	1302	4411.4	6758.7	W12316.9	Y44486.8	181	40.7	51.8
0332	Nov-08	1622	4354.2	6733.0	W12330.1	Y44385.3	208	112.6	49.3
0333	Nov-08	2128	4328.8	6819.6	W12710.1	Y44351.6	220	97.3	47.3
0334	Nov-08	2305	4325.6	6824.5	W12754.8	Y44345.6	218	100.6	47.5
0335	Nov-09	0212	4303.9	6841.2	W12977.3	Y44275.8	257	100.6	46.6
0336	Nov-09	0509	4301.9	6908.6	W13136.1	Y44308.9	218	70.5	45.0

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0337	Nov-09	0728	4259.2	6852.2	W13063.8	Y44270.7	130	90.5	46.2
0338	Nov-09	0905	4253.1	6852.1	W13100.0	Y44242.3	165	87.8	46.6
0339	Nov-09	1105	4243.5	6858.4	W13189.7	Y44205.8	135	83.9	44.6
0340	Nov-09	1252	4240.5	6849.1	W13158.3	Y44177.4	108	79.3	46.4
0341	Nov-09	1641	4216.0	6854.1	W13320.9	Y44060.4	263	104.7	46.4
0342	Nov-09	1817	4215.9	6901.2	W13358.5	Y44070.1	252	102.5	46.2
0343	Nov-09	2116	4223.8	6919.5	W13416.0	Y44137.9	245	131.2	47.1
0344	Nov-09	2352	4218.3	6936.6	W13540.9	Y44134.9	251	128.8	45.9
0345	Nov-10	0251	4205.7	6925.0	W13540.7	Y44048.7	143	109.4	45.7
0346	Nov-10	0513	4156.3	6913.2	W13524.2	Y43980.2	199	110.7	45.1