

Ref	Name	CYM	DHM	Lat	Long	Rot	IsSnap	EyeLat	Dirac	Speed	EyePre	SGW	AN1	Rad1	Rad2	Dp1%	NumPro	P1_Azi	P1_B1	P1_Pfr	P1_B2	P2_Azi	P2_B1	P2_Pfr	P2_B2	P3_Azi	P3_B1	P3_Pfr	P3_B2	P4_Azi	P4_B1	P4_Pfr	P4_B2	Rank - Data	Rank - Fit
1938_04	Not Named	193809	210000	29.80	-74.90	0	1	29.8	358.9	21.1	939.0	15.0	178.9	25.0	0.0	100.0	4	45.0	1.20	1014.9	0.00	135.0	1.20	1015.6	0.00	225.0	1.20	1012.1	0.00	315.0	1.20	1012.0	0.00	3	2
1938_04	Not Named	193809	210600	32.20	-74.40	0	1	32.2	4.2	25.0	938.0	15.0	184.2	30.0	0.0	100.0	4	50.9	1.10	1014.9	0.00	140.9	1.10	1015.2	0.00	230.9	1.10	1012.1	0.00	320.9	1.10	1011.9	0.00	3	2
1938_04	Not Named	193809	211200	35.20	-73.10	0	1	35.2	5.5	25.0	938.0	15.0	185.5	35.0	0.0	100.0	4	58.9	1.00	1014.8	0.00	148.9	1.00	1015.0	0.00	238.9	1.00	1012.4	0.00	328.9	1.00	1011.7	0.00	3	2
1938_04	Not Named	193809	211800	39.00	-73.00	20	1	39.0	357.6	25.0	940.0	15.0	177.6	38.0	0.0	100.0	4	68.9	0.85	1014.8	0.00	158.9	0.85	1014.4	0.00	248.9	0.85	1011.9	0.00	338.9	0.85	1011.0	0.00	2	2
1938_04	Not Named	193809	211930	40.10	-73.03	20	1	40.1	352.9	25.0	941.0	15.0	172.9	38.0	0.0	100.0	4	72.2	0.85	1014.8	0.00	162.2	0.85	1014.0	0.00	252.2	0.85	1011.6	0.00	342.2	0.85	1010.4	0.00	2	2
1938_04	Not Named	193809	212000	40.47	-73.02	20	1	40.5	353.0	25.0	941.0	15.0	172.0	40.0	0.0	100.0	4	72.0	0.85	1014.8	0.00	159.0	0.85	1014.4	0.00	249.0	0.85	1014.2	0.00	342.0	0.85	1010.2	0.00	2	2
1938_04	Not Named	193809	212100	41.20	-73.05	20	1	41.2	348.2	25.0	953.5	15.0	168.2	40.0	0.0	100.0	4	75.6	0.85	1014.8	0.00	166.6	0.85	1014.0	0.00	256.6	0.85	1011.3	0.00	345.6	0.85	1009.8	0.00	2	2
1938_04	Not Named	193809	220000	43.40	-73.10	0	1	43.4	338.8	25.0	967.0	15.0	158.8	50.0	0.0	100.0	4	82.3	0.85	1014.8	0.00	172.3	0.85	1013.6	0.00	262.3	0.85	1010.8	0.00	352.3	0.85	1008.6	0.00	3	2
1938_04	Not Named	193809	220600	45.30	-73.50	0	1	45.3	312.1	24.1	988.0	15.0	132.1	50.0	0.0	100.0	4	99.9	0.85	1015.6	0.00	189.9	0.85	1013.6	0.00	279.9	0.85	1008.1	0.00	9.9	0.85	1006.2	0.00	3	2
1944_07	Not Named	194409	130000	27.10	-73.50	0	1	27.1	313.3	11.1	912.0	11.1	133.3	8.0	120.0	95.0	4	47.0	1.25	1014.9	1.50	137.0	1.25	1012.4	1.50	227.0	1.25	1010.0	1.50	317.0	1.25	1010.4	1.50	3	3
1944_07	Not Named	194409	130600	27.80	-74.20	0	1	27.8	320.8	11.3	917.0	11.3	140.8	8.0	120.0	95.0	4	46.0	1.20	1015.6	1.50	136.0	1.20	1012.4	1.50	226.0	1.20	1009.3	1.50	316.0	1.20	1009.7	1.50	3	3
1944_07	Not Named	194409	131200	28.50	-74.80	0	1	28.5	329.9	11.3	923.0	11.3	149.9	10.0	120.0	95.0	4	45.0	1.20	1016.0	1.50	135.0	1.20	1012.6	1.50	225.0	1.20	1009.3	1.50	315.0	1.20	1009.5	1.50	3	3
1944_07	Not Named	194409	131800	29.70	-75.50	0	1	29.7	340.5	14.5	928.0	14.5	160.5	10.0	120.0	90.0	4	45.0	1.20	1016.0	1.50	135.0	1.20	1013.0	1.50	225.0	1.20	1009.3	1.50	315.0	1.20	1009.5	1.50	3	2
1944_07	Not Named	194409	140000	31.20	-76.00	0	1	31.2	351.4	15.2	934.0	15.0	171.4	12.0	120.0	85.0	4	47.0	1.35	1016.0	1.50	137.0	1.35	1013.7	1.50	227.0	1.35	1009.8	1.50	317.0	1.35	1009.5	1.50	2	1
1944_07	Not Named	194409	140600	32.70	-76.10	0	1	32.7	1.8	16.1	940.0	15.0	181.8	15.0	120.0	76.0	4	52.0	1.45	1016.0	1.20	142.0	1.45	1014.8	1.20	232.0	1.45	1009.8	1.20	322.0	1.45	1010.0	1.20	2	1
1944_07	Not Named	194409	141200	34.40	-75.70	0	1	34.4	11.5	22.8	948.0	15.0	191.5	20.0	120.0	70.0	4	58.9	1.45	1016.0	1.20	148.9	1.45	1014.9	1.20	238.9	1.45	1009.9	1.20	328.9	1.45	1011.2	1.20	1	2
1944_07	Not Named	194409	141800	37.10	-74.70	0	1	37.1	21.4	25.0	949.0	15.0	201.4	25.0	100.0	67.0	4	69.0	1.40	1015.3	1.20	159.0	1.40	1014.9	1.20	249.0	1.40	1010.4	1.20	339.0	1.40	1011.2	1.20	1	2
1944_07	Not Named	194409	150000	39.90	-73.20	0	1	39.9	31.6	25.0	955.0	15.0	211.6	30.0	100.0	67.0	4	81.0	1.40	1015.3	1.20	171.0	1.40	1014.9	1.20	261.0	1.40	1011.3	1.20	351.0	1.40	1011.5	1.20	1	2
1944_07	Not Named	194409	150300	41.00	-72.35	0	1	41.0	36.5	25.0	963.5	15.0	216.6	34.0	0.0	100.0	4	87.0	1.00	1015.3	0.00	177.0	1.00	1014.9	0.00	267.0	1.00	1011.8	0.00	357.0	1.00	1011.3	0.00	1	2
1944_07	Not Named	194409	150600	42.10	-71.50	0	1	42.1	41.5	25.0	972.0	15.0	221.5	36.0	0.0	100.0	4	93.0	1.00	1015.3	0.00	183.0	1.00	1014.9	0.00	273.0	1.00	1012.4	0.00	3.0	1.00	1011.2	0.00	1	2
1944_07	Not Named	194409	151200	44.20	-68.50	0	1	44.2	50.1	25.0	982.0	15.0	239.1	55.0	0.0	100.0	4	103.1	0.80	1017.2	0.00	193.1	0.80	1014.9	0.00	283.1	0.80	1013.4	0.00	13.1	0.80	1011.0	0.00	2	2
1944_07	Not Named	194409	151800	46.00	-63.70	0	1	46.0	56.8	25.0	988.0	15.0	236.8	75.0	0.0	100.0	4	112.0	0.60	1017.8	0.00	202.0	0.60	1014.9	0.00	292.0	0.60	1013.4	0.00	22.0	0.60	1010.6	0.00	2	3
1944_07	Not Named	194409	160000	47.80	-58.20	0	1	47.8	60.8	25.0	988.0	15.0	240.8	90.0	0.0	100.0	4	119.0	0.50	1017.8	0.00	209.0	0.50	1014.8	0.00	299.0	0.50	1012.4	0.00	29.0	0.50	1003.9	0.00	2	3
1948_03	Not Named	194808	300000	30.00	-74.30	0	1	30.3	317.0	8.6	965.4	8.6	137.0	20.0	0.0	100.0	4	343.9	1.30	1014.2	0.00	73.9	1.30	1016.3	0.00	163.9	1.30	1013.9	0.00	253.9	1.30	1014.6	0.00	3	2
1948_03	Not Named	194808	300600	30.80	-75.00	0	1	30.8	328.7	7.6	964.9	7.6	148.7	18.0	0.0	100.0	4	357.9	1.50	1013.8	0.00	87.9	1.50	1016.3	0.00	177.9	1.50	1013.9	0.00	267.9	1.50	1014.5	0.00	3	2
1948_03	Not Named	194808	301200	31.30	-75.40	0	1	31.3	344.7	7.6	966.8	7.6	164.7	25.0	0.0	100.0	4	11.1	1.50	1013.8	0.00	101.1	1.50	1015.7	0.00	191.1	1.50	1013.3	0.00	281.1	1.50	1014.0	0.00	3	2
1948_03	Not Named	194808	301800	32.00	-75.40	0	1	32.0	4.5	7.6	970.5	7.6	184.5	32.0	0.0	100.0	4	14.3	1.50	1014.2	0.00	104.3	1.50	1016.3	0.00	194.3	1.50	1013.7	0.00	284.3	1.50	1013.9	0.00	3	2
1948_03	Not Named	194808	310000	32.80	-75.10	0	1	32.8	23.6	7.8	973.9	7.8	203.6	30.0	0.0	100.0	4	19.9	1.50	1014.2	0.00	109.9	1.50	1016.3	0.00	199.9	1.50	1013.9	0.00	289.9	1.50	1013.5	0.00	3	2
1948_03	Not Named	194808	310600	33.40	-74.60	0	1	33.4	37.5	9.1	976.5	9.1	217.5	45.0	0.0	100.0	4	14.9	1.40	1014.3	0.00	104.9	1.40	1017.2	0.00	194.9	1.40	1014.9	0.00	284.9	1.40	1013.5	0.00	3	2
1948_03	Not Named	194808	311200	34.10	-73.60	0	1	34.1	46.5	15.7	980.0	15.0	226.5	55.0	0.0	100.0	4	6.6	1.30	1014.4	0.00	96.6	1.30	1016.6	0.00	186.6	1.30	1015.2	0.00	276.6	1.30	1013.5	0.00	3	2
1948_03	Not Named	194808	311800	35.30	-71.60	0	1	35.3	52.1	24.9	982.2	15.0	232.1	55.0	0.0	100.0	4	354.0	1.10	1016.1	0.00	84.0	1.10	1016.6	0.00	174.0	1.10	1017.2	0.00	264.0	1.10	1013.5	0.00	3	2
1948_03	Not Named	194809	010000	37.00	-68.70	0	1	37.0	53.0	25.0	984.5	15.0	233.0	55.0	0.0	100.0	4	347.0	1.05	1016.2	0.00	77.0	1.05	1017.2	0.00	167.0	1.05	1017.9	0.00	257.0	1.05	1014.2	0.00	3	2
1948_03	Not Named	194809	010600	39.00	-65.10	40	1	39.0	50.1	25.0	985.7	15.0	230.1	65.0	0.0	100.0	4	344.0	1.00	1017.0	0.00	74.0	1.00	1017.2	0.00	164.0	1.00	1017.9	0.00	254.0	1.00	1014.6	0.00	3	2
1948_03	Not Named	194809	011200	41.00	-61.80	0	1	41.0	44.9	25.0	985.0	15.0	224.9	65.0	0.0	100.0	4	341.0	1.00	1017.3	0.00	71.0	1.00	1018.1	0.00	161.0	1.00	1017.9	0.00	251.0	1.00	1016.5	0.00	3	3
1948_03	Not Named	194809	011800	42.90	-59.40	0	1	42.9	39.3	25.0	985.8	15.0	219.3	51.6	0.0	100.0	4	339.0	1.01	1018.0	0.00	69.0	1.01	1018.1	0.00	159.0	1.01	1017.8	0.00	249.0	1.01	1016.5	0.00	3	3
1952_03	Baker	195209	050000	31.60	-71.30	0	1	31.6	359.0	8.5	970.0	8.5	179.0	25.0	100.0	90.0	4	350.0	1.40	1021.2	1.25	80.0	1.40	1018.7	1.25	170.0	1.40	1014.5	1.25	260.0	1.40	1017.0	1.25	3	1
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Ref	Name	CYM	DHM	Lat	Long	Rot	IsSnap	EyeLat	Dirac	Speed	EyePre	SGW	AN1	Rad1	Rad2	Dp1%	NumPro	P1_Azi	P1_B1	P1_Pfr	P1_B2	P2_Azi	P2_B1	P2_Pfr	P2_B2	P3_Azi	P3_B1	P3_Pfr	P3_B2	P4_Azi	P4_B1	P4_Pfr	P4_B2	Rank - Data	Rank - Fit
1953_04	Carol	195309	060000	30.50	-68.00	0	1	30.5	330.4	12.4	962.2	12.4	150.4	30.0	100.0	80.0	4	44.0	1.45	1019.5	1.10	134.0	1.45	1015.0	1.10	224.0	1.45	1012.5	1.10	314.0	1.45	1014.6	1.10	3	2
1953_04	Carol	195309	060600	31.60	-68.80	0	1	31.6	334.1	14.3	966.3	14.3	154.1	30.0	100.0	80.0	4	46.0	1.45	1019.1	1.10	136.0	1.45	1017.5	1.10	226.0	1.45	1012.5	1.10	316.0	1.45	1014.6	1.10	3	2
1953_04	Carol	195309	061200	33.00	-69.60	25	1	33.0	341.1	18.0	970.5	15.0	161.1	40.0	0.0	100.0	4	48.0	1.10	1019.9	0.00	138.0	1.10	1017.8	0.00	228.0	1.10	1012.8	0.00	318.0	1.10	1014.7	0.00	3	2
1953_04	Carol	195309	061800	35.00	-70.60	35	1	35.0	351.5	18.0	973.6	15.0	171.5	50.0	0.0	100.0	4	53.9	1.20	1019.9	0.00	143.9	1.20	1017.8	0.00	233.9	1.20	1013.0	0.00	323.9	1.20	1015.6	0.00	2	2
1953_04	Carol	195309	070000	37.20	-70.80	25	1	37.2	2.8	18.6	973.1	15.0	182.8	50.0	0.0	100.0	4	61.9	1.20	1020.0	0.00	151.9	1.20	1017.8	0.00	241.9	1.20	1013.5	0.00	331.9	1.20	1015.8	0.00	2	2
1953_04	Carol	195309	070600	38.82	-70.18	0	1	38.8	13.2	21.6	974.0	15.0	193.2	60.0	0.0	100.0	4	72.0	1.20	1020.5	0.00	162.0	1.20	1017.4	0.00	252.0	1.20	1013.0	0.00	342.0	1.20	1015.8	0.00	1	1
1953_04	Carol	195309	071200	40.89	-68.81	0	1	40.9	21.4	25.0	978.0	15.0	201.4	60.0	0.0	100.0	4	84.2	1.15	1020.6	0.00	174.2	1.15	1017.2	0.00	264.2	1.15	1012.8	0.00	354.2	1.15	1015.8	0.00	1	1
1953_04	Carol	195309	071800	43.84	-66.95	0	1	43.8	26.5	25.0	980.0	15.0	206.5	68.0	0.0	100.0	4	98.0	1.10	1020.6	0.00	188.0	1.10	1016.7	0.00	278.0	1.10	1012.4	0.00	8.0	1.10	1014.6	0.00	1	2
1953_04	Carol	195309	072100	45.43	-65.87	0	1	45.4	27.3	25.0	983.0	15.0	207.3	80.0	0.0	100.0	4	99.5	1.10	1020.6	0.00	189.5	1.10	1016.6	0.00	279.5	1.10	1012.4	0.00	9.5	1.10	1014.3	0.00	1	2
1953_04	Carol	195309	080000	46.67	-64.96	0	1	46.7	28.1	25.0	983.9	15.0	208.1	80.0	0.0	100.0	4	100.0	1.00	1020.6	0.00	191.0	1.00	1016.4	0.00	281.0	1.00	1012.4	0.00	11.0	1.00	1014.1	0.00	1	2
1953_04	Carol	195309	080600	49.10	-63.00	0	1	49.1	28.5	25.0	983.8	15.0	208.5	80.0	0.0	100.0	4	101.0	1.00	1017.1	0.00	190.0	1.00	1013.8	0.00	280.0	1.00	1011.8	0.00	10.0	1.00	1013.8	0.00	2	2
1954_03	Carol	195408	301200	32.50	-77.60	0	1	32.5	25.0	7.4	957.0	7.4	205.0	17.0	110.0	78.0	4	47.0	1.70	1015.3	1.25	137.0	1.70	1015.1	1.25	227.0	1.70	1011.2	1.25	317.0	1.70	1013.2	1.25	1	1
1954_03	Carol	195408	301800	33.10	-77.00	-20	1	33.1	29.6	10.6	957.0	10.6	209.6	15.0	110.0	70.0	4	46.0	1.70	1015.3	1.25	136.0	1.70	1015.3	1.25	226.0	1.70	1011.0	1.25	316.0	1.70	1013.2	1.25	1	1
1954_03	Carol	195408	310000	34.20	-76.10	0	1	34.2	28.6	24.1	957.0	15.0	208.6	22.0	120.0	70.0	4	45.0	1.60	1015.6	1.25	135.0	1.60	1015.5	1.25	225.0	1.60	1011.0	1.25	315.0	1.60	1013.2	1.25	1	1
1954_03	Carol	195408	310600	37.30	-74.20	0	1	37.3	24.1	25.0	959.0	15.0	204.1	25.0	120.0	65.0	4	50.9	1.50	1018.3	1.10	140.9	1.50	1015.5	1.10	230.9	1.50	1011.0	1.10	320.9	1.50	1013.3	1.10	1	1
1954_03	Carol	195408	311200	40.20	-72.90	0	1	40.2	17.7	25.0	963.0	15.0	197.7	38.0	0.0	100.0	4	58.9	1.00	1020.8	0.00	148.9	1.00	1015.3	0.00	238.9	1.00	1011.0	0.00	328.9	1.00	1014.1	0.00	1	2
1954_03	Carol	195408	311300	40.62	-72.72	0	1	40.6	16.2	25.0	963.0	15.0	196.2	42.0	0.0	100.0	4	61.7	1.10	1020.8	0.00	151.7	1.10	1015.3	0.00	241.7	1.10	1011.0	0.00	331.7	1.10	1014.1	0.00	1	2
1954_03	Carol	195408	311500	41.59	-72.21	0	1	41.6	14.7	25.0	964.0	15.0	194.6	58.0	0.0	100.0	4	64.4	1.10	1020.8	0.00	154.4	1.10	1015.3	0.00	244.4	1.10	1011.0	0.00	334.4	1.10	1014.1	0.00	1	2
1954_03	Carol	195408	311800	43.09	-71.64	0	1	43.1	11.6	25.0	970.0	15.0	191.6	65.0	0.0	100.0	4	70.0	1.00	1020.8	0.00	160.0	1.00	1015.3	0.00	250.0	1.00	1011.0	0.00	340.0	1.00	1014.1	0.00	1	2
1954_03	Carol	195409	010000	46.20	-71.10	0	1	46.2	8.5	25.0	987.0	15.0	188.5	61.4	0.0	100.0	4	76.5	1.00	1020.9	0.00	166.5	1.00	1015.7	0.00	256.5	1.00	1011.3	0.00	346.5	1.00	1014.3	0.00	2	3
1954_05	Edna	195409	101200	31.70	-76.10	0	1	31.7	8.2	12.1	960.0	12.1	186.2	22.0	125.0	72.5	4	42.0	1.75	1017.0	1.30	132.0	1.75	1015.2	1.30	222.0	1.75	1011.3	1.30	312.0	1.75	1012.9	1.30	2	1
1954_05	Edna	195409	101800	33.00	-75.80	0	1	33.0	13.9	14.4	955.0	14.4	193.9	25.0	110.0	72.5	4	40.0	1.60	1016.1	1.30	130.0	1.60	1015.2	1.30	220.0	1.60	1011.3	1.30	310.0	1.60	1010.7	1.30	2	1
1954_05	Edna	195409	110000	34.50	-75.30	0	1	34.5	19.8	16.1	950.0	15.0	199.8	15.0	120.0	67.0	4	35.1	1.70	1016.1	1.30	125.1	1.70	1015.9	1.30	215.1	1.70	1010.9	1.30	305.1	1.70	1010.7	1.30	1	1
1954_05	Edna	195409	110600	36.00	-74.40	0	1	36.0	24.6	19.9	948.0	15.0	204.6	15.0	130.0	62.0	4	39.0	1.70	1013.7	1.30	129.0	1.70	1015.9	1.30	219.0	1.70	1009.9	1.30	309.0	1.70	1010.6	1.30	1	1
1954_05	Edna	195409	111200	38.17	-72.85	0	1	38.2	28.7	25.0	947.0	15.0	208.7	22.0	130.0	58.0	4	45.1	1.75	1013.7	1.20	135.1	1.75	1013.2	1.20	225.1	1.75	1009.9	1.20	315.1	1.75	1009.7	1.20	1	1
1954_05	Edna	195409	111800	41.47	-70.54	0	1	41.5	31.4	25.0	949.0	15.0	211.4	30.0	140.0	58.0	4	55.2	1.60	1013.7	1.30	145.2	1.60	1013.1	1.30	235.2	1.60	1010.2	1.30	325.2	1.60	1009.6	1.30	1	2
1954_05	Edna	195409	120000	44.81	-67.73	0	1	44.8	31.7	25.0	972.0	15.0	211.7	110.0	0.0	100.0	4	68.0	1.25	1014.8	0.00	158.0	1.25	1012.8	0.00	248.0	1.25	1010.2	0.00	338.0	1.25	1009.6	0.00	2	2
1954_05	Edna	195409	120600	48.90	-63.80	0	1	48.9	31.6	25.0	975.1	15.0	211.6	140.0	0.0	100.0	4	87.0	1.25	1014.8	0.00	177.0	1.25	1009.7	0.00	267.0	1.25	1009.3	0.00	357.0	1.25	1009.6	0.00	2	3
1954_09	Hazel	195410	150000	28.60	-76.80	0	1	28.6	336.7	18.5	940.0	15.0	156.7	10.0	120.0	72.0	4	40.0	1.50	1018.0	1.00	130.0	1.50	1010.2	1.00	220.0	1.50	1006.2	1.00	310.0	1.50	1011.9	1.00	2	1
1954_09	Hazel	195410	150600	30.20	-77.80	0	1	30.2	343.9	22.6	938.0	15.0	163.9	12.0	120.0	72.0	4	41.0	1.50	1013.8	1.00	131.0	1.50	1009.7	1.00	221.0	1.50	1006.2	1.00	311.0	1.50	1011.9	1.00	2	1
1954_09	Hazel	195410	151200	32.80	-78.70	-20	1	32.8	350.1	25.0	937.0	15.0	170.1	17.0	150.0	71.0	4	41.0	1.40	1013.6	1.00	131.0	1.40	1009.6	1.00	221.0	1.40	1006.2	1.00	311.0	1.40	1009.7	1.00	1	1
1954_09	Hazel	195410	151500	33.96	-78.55	-20	1	34.0	350.0	25.0	937.0	15.0	171.0	18.0	150.0	71.0	4	41.0	1.35	1013.6	1.00	131.0	1.35	1009.6	1.00	221.0	1.35	1006.2	1.00	311.0	1.35	1009.7	1.00	1	2
1954_09	Hazel	195410	151800	36.80	-78.20	0	1	36.8	353.3	25.0	970.0	15.0	173.3	85.0	0.0	100.0	4	42.0	1.15	1012.7	0.00	132.0	1.15	1007.8	0.00	222.0	1.15	1007.8	0.00	312.0	1.15	1008.3	0.00	1	2
1954_09	Hazel	195410	160000	41.00	-77.40	0	1	41.0	355.6	25.0	978.0	15.0	175.6	120.0	0.0	100.0	4	44.0	1.20	1012.3	0.00	134.0	1.20	1008.5	0.00	224.0	1.20	1008.6	0.00	314.0	1.20	1004.6	0.00	1	3
1954_09	Hazel	195410	160600	45.20	-78.60	0	1	45.2	356.5	25.0	984.0	15.0	176.5	170.0	0.0	100.0	4	48.0	1.25	1007.1	0.00	138.0	1.25	1007.8	0.00	228.0	1.25	1007.1	0.00	318.0	1.25	1003.6	0.00	1	3
1955_02	Connie	195508	101800	30.90	-76.00	0	1	30.9	305.8	5.0	969.0	5.0	125.8	13.0	78.0	20.0	4	31.0	2.10	1018.7	1.60	121.0	2.10	1014.9	1.60	211.0	2.10	1011.5	1.60	301.0	2.10	1015.8	1.60	3	2
1955_02																																			

Ref	Name	CYM	DHM	Lat	Long	Rot	IsSnap	EyeLat	Dirac	Speed	EyePre	SGW	AN1	Rad1	Rad2	Dp1%	NumPro	P1_Azi	P1_B1	P1_Pfr	P1_B2	P2_Azi	P2_B1	P2_Pfr	P2_B2	P3_Azi	P3_B1	P3_Pfr	P3_B2	P4_Azi	P4_B1	P4_Pfr	P4_B2	Rank - Data	Rank - Fit
1960_05	Donna	196009	120600	35.00	-76.90	0	1	35.0	31.9	24.9	959.0	15.0	211.9	50.0	0.0	100.0	4	45.0	1.10	1012.7	0.00	135.0	1.10	1012.7	0.00	225.0	1.10	1008.9	0.00	315.0	1.10	1010.1	0.00	1	2
1960_05	Donna	196009	121200	37.30	-74.80	0	1	37.3	29.7	25.0	960.0	15.0	209.7	65.0	0.0	100.0	4	49.9	1.20	1012.4	0.00	139.9	1.20	1012.6	0.00	229.9	1.20	1007.8	0.00	319.9	1.20	1009.0	0.00	1	1
1960_05	Donna	196009	121800	40.00	-73.10	0	1	40.0	29.1	25.0	961.0	15.0	209.1	75.0	0.0	100.0	4	57.8	1.30	1012.4	0.00	147.8	1.30	1012.0	0.00	237.8	1.30	1006.5	0.00	327.8	1.30	1007.9	0.00	1	2
1960_05	Donna	196009	122000	40.90	-72.55	0	1	40.9	29.2	25.0	964.0	15.0	209.2	77.0	0.0	100.0	4	63.3	1.20	1012.4	0.00	153.3	1.20	1010.9	0.00	243.3	1.20	1005.5	0.00	333.3	1.20	1007.9	0.00	1	1
1960_05	Donna	196009	130000	43.10	-71.20	0	1	43.1	29.4	25.0	972.0	15.0	209.4	100.0	0.0	100.0	4	68.9	1.25	1012.4	0.00	158.9	1.25	1009.8	0.00	248.9	1.25	1004.5	0.00	338.9	1.25	1007.9	0.00	1	2
1960_05	Donna	196009	130600	46.60	-68.90	0	1	46.6	31.0	25.0	989.0	15.0	211.0	100.0	0.0	100.0	4	82.3	1.15	1013.6	0.00	172.3	1.15	1008.9	0.00	262.3	1.15	1003.3	0.00	352.3	1.15	1007.9	0.00	2	3
1960_05	Donna	196009	131200	50.00	-66.00	0	1	50.0	34.1	25.0	983.0	15.0	214.1	110.0	0.0	100.0	4	97.1	1.01	1013.7	0.00	187.1	1.01	1007.7	0.00	277.1	1.01	1003.3	0.00	7.1	1.01	1008.1	0.00	2	3
1961_05	Esther	196109	190000	29.00	-70.10	0	1	29.0	32.42	12.2	948.0	12.2	144.2	15.0	110.0	78.0	4	23.0	1.70	1021.3	1.50	113.0	1.70	1017.7	1.50	203.0	1.70	1011.8	1.50	293.0	1.70	1014.4	1.50	3	2
1961_05	Esther	196109	190600	30.00	-71.00	20	1	30.0	32.62	12.2	945.0	12.2	146.2	17.0	110.0	78.0	4	18.0	1.70	1021.8	1.50	108.0	1.70	1018.1	1.50	198.0	1.70	1012.2	1.50	288.0	1.70	1014.6	1.50	3	2
1961_05	Esther	196109	191200	31.00	-71.90	20	1	31.0	32.92	12.2	942.0	12.2	149.2	19.0	110.0	78.0	4	20.0	1.70	1022.3	1.50	110.0	1.70	1018.1	1.50	200.0	1.70	1012.4	1.50	290.0	1.70	1017.8	1.50	3	2
1961_05	Esther	196109	191800	32.00	-72.60	20	1	32.0	33.52	11.2	950.0	11.2	155.2	23.0	110.0	78.0	4	19.0	1.90	1022.3	1.50	109.0	1.90	1018.1	1.50	199.0	1.90	1013.1	1.50	289.0	1.90	1017.8	1.50	3	2
1961_05	Esther	196109	200000	33.00	-73.10	0	1	33.0	34.5	11.2	947.0	11.2	164.5	30.0	110.0	73.0	4	24.0	1.90	1022.3	1.50	114.0	1.90	1018.1	1.50	204.0	1.90	1013.3	1.50	294.0	1.90	1017.8	1.50	3	1
1961_05	Esther	196109	200600	34.00	-73.40	0	1	34.0	35.4	11.2	949.0	11.2	174.1	35.0	110.0	68.0	4	26.0	2.20	1021.5	1.60	116.0	2.20	1018.1	1.60	206.0	2.20	1013.5	1.60	296.0	2.20	1017.8	1.60	2	1
1961_05	Esther	196109	201200	35.00	-73.30	20	1	35.0	3.3	11.6	949.0	11.6	183.3	30.0	110.0	68.0	4	31.0	2.20	1021.1	1.60	121.0	2.20	1018.0	1.60	211.0	2.20	1014.7	1.60	301.0	2.20	1017.8	1.60	2	1
1961_05	Esther	196109	201800	36.30	-73.00	0	1	36.3	11.6	14.1	955.0	14.1	191.6	40.0	110.0	68.0	4	38.9	2.00	1020.8	1.60	128.9	2.00	1017.9	1.60	218.9	2.00	1014.7	1.60	308.9	2.00	1016.8	1.60	2	2
1961_05	Esther	196109	210000	37.80	-72.50	-10	1	37.8	17.9	14.1	968.0	14.1	197.9	50.0	120.0	68.0	4	49.8	2.10	1019.1	1.90	138.8	2.10	1017.8	1.90	228.8	2.10	1015.6	1.90	319.8	2.10	1016.5	1.90	2	2
1961_05	Esther	196109	210600	37.20	-71.80	0	1	39.2	27.4	14.1	972.0	14.1	207.4	55.0	135.0	67.0	4	57.0	2.10	1019.1	2.00	147.0	2.10	1017.8	2.00	237.0	2.10	1015.9	2.00	327.0	2.10	1016.3	2.00	1	2
1961_05	Esther	196109	211200	40.40	-71.10	20	1	40.4	42.1	9.5	978.0	9.5	222.1	50.0	130.0	68.0	4	63.1	2.10	1019.0	2.10	153.1	2.10	1017.3	2.10	243.1	2.10	1016.0	2.10	333.1	2.10	1016.0	2.10	1	3
1961_05	Esther	196109	211800	40.90	-70.70	20	1	40.9	57.9	8.3	980.0	8.3	237.9	45.0	160.0	68.0	4	73.0	2.10	1018.3	2.10	163.0	2.10	1017.1	2.10	253.0	2.10	1016.0	2.10	343.0	2.10	1016.0	2.10	1	3
1961_05	Esther	196109	220000	40.90	-70.11	0	1	40.9	75.1	8.3	981.4	8.3	255.1	35.0	160.0	68.0	4	74.0	1.90	1018.0	1.60	164.0	1.90	1016.5	1.60	254.0	1.90	1016.0	1.60	344.0	1.90	1015.5	1.60	1	2
1961_05	Esther	196109	220600	40.90	-69.10	0	1	40.9	93.3	8.3	986.9	8.3	273.3	35.0	130.0	68.0	4	79.8	1.30	1016.4	1.10	169.8	1.30	1016.0	1.10	259.8	1.30	1016.0	1.10	349.8	1.30	1015.2	1.10	1	2
1961_05	Esther	196109	221200	40.80	-67.90	0	1	40.8	109.4	9.8	990.0	9.8	289.4	40.0	130.0	68.0	4	82.9	1.30	1016.4	1.10	172.9	1.30	1015.5	1.10	262.9	1.30	1015.9	1.10	352.9	1.30	1014.2	1.10	1	3
1961_05	Esther	196109	221800	40.40	-66.60	0	1	40.4	124.7	9.8	991.5	9.8	304.7	50.0	110.0	70.0	4	85.9	1.20	1016.4	1.00	175.9	1.20	1015.4	1.00	265.9	1.20	1015.3	1.00	355.9	1.20	1015.2	1.00	2	3
1961_05	Esther	196109	230000	39.70	-65.40	0	1	39.7	144.5	9.8	993.0	9.8	324.5	80.0	130.0	70.0	4	81.8	1.30	1017.0	1.00	171.8	1.30	1015.1	1.00	261.8	1.30	1015.3	1.00	351.8	1.30	1015.2	1.00	2	3
1961_05	Esther	196109	230600	38.80	-64.80	0	1	38.8	165.0	9.8	993.0	9.8	345.0	80.0	130.0	70.0	4	80.8	1.30	1017.0	1.00	170.8	1.30	1015.1	1.00	260.8	1.30	1015.3	1.00	350.8	1.30	1015.2	1.00	3	3
1961_05	Esther	196109	231200	37.90	-64.90	0	1	37.9	184.5	9.2	993.0	9.2	4.5	80.0	0.0	100.0	4	71.0	1.25	1017.2	0.00	161.0	1.25	1015.1	0.00	251.0	1.25	1015.3	0.00	341.0	1.25	1015.3	0.00	3	3
1961_05	Esther	196109	231800	37.00	-65.30	-20	1	37.0	206.1	9.2	993.0	9.2	26.1	80.0	0.0	100.0	4	67.0	1.25	1017.5	0.00	157.0	1.25	1015.1	0.00	247.0	1.25	1015.3	0.00	337.0	1.25	1015.3	0.00	3	2
1961_05	Esther	196109	240000	36.10	-65.90	0	1	36.1	229.1	8.7	993.0	8.7	49.1	80.0	0.0	100.0	4	62.0	1.25	1018.3	0.00	152.0	1.25	1015.1	0.00	242.0	1.25	1015.5	0.00	332.0	1.25	1016.5	0.00	3	2
1961_05	Esther	196109	240600	35.60	-66.60	0	1	35.6	252.2	8.7	992.0	8.7	72.2	70.0	0.0	100.0	4	59.0	1.25	1018.7	0.00	149.0	1.25	1015.7	0.00	239.0	1.25	1015.8	0.00	329.0	1.25	1017.0	0.00	3	2
1961_05	Esther	196109	241200	35.70	-67.40	0	1	35.7	275.3	8.7	990.0	8.7	95.3	65.0	0.0	100.0	4	56.0	1.30	1020.2	0.00	146.0	1.30	1016.1	0.00	236.0	1.30	1016.2	0.00	326.0	1.30	1018.0	0.00	3	2
1961_05	Esther	196109	241800	36.10	-68.40	0	1	36.1	297.1	8.1	990.0	8.1	117.1	70.0	0.0	100.0	4	54.0	1.15	1020.7	0.00	144.0	1.15	1016.3	0.00	234.0	1.15	1015.2	0.00	324.0	1.15	1018.0	0.00	3	2
1961_05	Esther	196109	250000	36.70	-69.50	0	1	36.7	316.2	8.1	992.7	8.1	136.2	70.0	0.0	100.0	4	51.0	1.00	1020.7	0.00	141.0	1.00	1016.5	0.00	231.0	1.00	1015.2	0.00	321.0	1.00	1018.0	0.00	2	3
1961_05	Esther	196109	250600	37.40	-70.20	0	1	37.4	331.6	9.5	993.0	9.5	151.6	80.0	0.0	100.0	4	52.0	1.00	1020.7	0.00	142.0	1.00	1017.1	0.00	232.0	1.00	1015.2	0.00	322.0	1.00	1016.4	0.00	3	2
1961_05	Esther	196109	251200	38.10	-70.50	0	1	38.1	344.8	9.5	993.1	9.5	164.8	85.0	0.0	100.0	4	55.0	1.00	1020.5	0.00	145.0	1.00	1017.9	0.00	235.0	1.00	1015.0	0.00	325.0	1.00	1014.7	0.00	2	3
1961_05	Esther	196109	251800	38.90	-70.87	0	1	38.9	355.3	9.5	992.8	9.5	175.3	65.0	0.0	100.0	4	61.9	1.00	1020.5	0.00	151.9	1.00	1017.9	0.00	241.9	1.00	1015.0	0.00	331.9	1.00	1014.5	0.00	1	2
1961_05	Esther	196109	260000	39.77	-70.59	0	1	39.8	2.9	16.6	996.0	15.0	182.9	80.0	0.0	100.0	4	71.0	0.95	1020.3	0.00	161.0	0.95	1017.0	0.00	251.0	0.95	1013.4	0.00	341.0	0.95	1014.5	0.00	1	2
1961_0																																			

Ref	Name	CYM	DHM	Lat	Long	Rot	IsSnap	EyeLat	Dirac	Speed	EyePre	SGW	AN1	Rad1	Rad2	Dp1%	NumPro	P1_Azi	P1_B1	P1_Pfr	P1_B2	P2_Azi	P2_B1	P2_Pfr	P2_B2	P3_Azi	P3_B1	P3_Pfr	P3_B2	P4_Azi	P4_B1	P4_Pfr	P4_B2	Rank - Data	Rank - Fit
1969_07	Gerda	196909	091800	40.72	-69.56	0	1	40.7	27.6	25.0	972.0	19.0	200.0	55.0	130.0	85.0	4	75.0	1.35	1016.8	1.60	165.0	1.35	1016.2	1.60	255.0	1.35	1012.5	1.60	345.0	1.35	1010.2	1.60	1	2
1969_07	Gerda	196909	100000	44.00	-67.50	0	1	44.0	21.5	25.0	979.0	17.5	180.0	55.0	130.0	85.0	4	76.9	1.35	1014.7	1.60	166.9	1.35	1016.2	1.60	256.9	1.35	1012.5	1.60	346.9	1.35	1010.2	1.60	1	2
1969_07	Gerda	196909	100100	44.68	-67.29	0	1	44.7	19.5	25.0	978.0	16.8	180.0	60.0	0.0	100.0	4	77.8	1.25	1015.4	0.00	167.8	1.25	1015.2	0.00	257.8	1.25	1011.8	0.00	347.8	1.25	1010.6	0.00	1	2
1969_07	Gerda	196909	100600	48.50	-66.00	0	1	48.5	17.5	25.0	974.6	16.0	180.0	85.0	0.0	100.0	4	78.7	1.15	1016.1	0.00	168.7	1.15	1014.2	0.00	258.7	1.15	1011.0	0.00	348.7	1.15	1011.0	0.00	3	2
1972_02	Agnes	197206	210000	33.50	-81.70	0	1	33.5	58.8	11.8	992.0	11.8	238.8	120.0	0.0	100.0	4	71.0	0.90	1010.2	0.00	161.0	0.90	1010.7	0.00	251.0	0.90	1007.7	0.00	341.0	0.90	1005.2	0.00	1	2
1972_02	Agnes	197206	210600	33.80	-80.20	0	1	33.8	61.9	12.1	991.0	12.1	241.9	130.0	0.0	100.0	4	84.4	0.90	1009.1	0.00	174.4	0.90	1010.0	0.00	264.4	0.90	1007.3	0.00	354.4	0.90	1004.7	0.00	1	2
1972_02	Agnes	197206	211200	34.40	-79.00	0	1	34.4	62.7	12.9	990.0	12.9	242.7	150.0	0.0	100.0	4	98.1	0.90	1008.0	0.00	188.1	0.90	1009.7	0.00	278.1	0.90	1007.0	0.00	8.1	0.90	1003.9	0.00	1	2
1972_02	Agnes	197206	211800	35.20	-77.60	0	1	35.2	57.5	15.3	988.0	15.0	237.5	150.0	0.0	100.0	4	107.0	0.90	1007.5	0.00	197.0	0.90	1008.7	0.00	287.0	0.90	1006.1	0.00	17.0	0.90	1003.9	0.00	1	2
1972_02	Agnes	197206	220000	35.80	-75.70	0	1	35.8	46.6	15.9	982.3	15.0	226.6	120.0	0.0	100.0	4	108.0	0.90	1007.3	0.00	198.0	0.90	1006.8	0.00	288.0	0.90	1004.9	0.00	18.0	0.90	1003.9	0.00	1	2
1972_02	Agnes	197206	220600	36.90	-74.30	0	1	36.9	32.2	16.0	979.2	15.0	212.2	100.0	0.0	100.0	4	104.1	0.90	1007.1	0.00	194.1	0.90	1006.8	0.00	284.1	0.90	1004.9	0.00	14.1	0.90	1003.9	0.00	1	2
1972_02	Agnes	197206	221200	38.20	-73.10	0	1	38.2	12.8	16.9	977.0	15.0	192.8	110.0	0.0	100.0	4	93.3	1.10	1007.1	0.00	183.3	1.10	1006.4	0.00	273.3	1.10	1004.9	0.00	3.3	1.10	1004.1	0.00	1	2
1972_02	Agnes	197206	221800	40.20	-73.40	0	1	40.2	1.4	17.0	980.0	15.0	181.4	120.0	0.0	100.0	4	87.5	1.10	1007.0	0.00	177.5	1.10	1006.6	0.00	267.5	1.10	1005.1	0.00	357.5	1.10	1006.4	0.00	1	2
1972_02	Agnes	197206	221930	40.60	-73.70	0	1	40.6	354.9	17.1	980.9	15.0	174.9	130.0	0.0	100.0	4	82.1	1.20	1007.0	0.00	172.1	1.20	1006.5	0.00	262.1	1.20	1005.3	0.00	352.1	1.20	1007.6	0.00	1	2
1972_02	Agnes	197206	230000	41.70	-74.50	0	1	41.7	348.4	17.2	981.8	15.0	168.4	130.0	0.0	100.0	4	76.7	1.10	1006.9	0.00	166.7	1.10	1006.4	0.00	256.7	1.10	1005.5	0.00	346.7	1.10	1008.7	0.00	1	3
1976_03	Belle	197608	090000	30.90	-75.30	0	1	30.9	2.6	15.0	957.0	15.0	182.6	10.0	100.0	90.0	4	42.0	1.35	1019.1	1.30	132.0	1.35	1017.3	1.30	222.0	1.35	1012.9	1.30	312.0	1.35	1014.3	1.30	3	1
1976_03	Belle	197608	090600	32.50	-75.20	0	1	32.5	5.5	17.7	959.0	15.0	185.5	15.0	120.0	85.0	4	44.0	1.45	1019.3	1.35	134.0	1.45	1017.5	1.35	224.0	1.45	1013.4	1.35	314.0	1.45	1016.5	1.35	3	1
1976_03	Belle	197608	091200	34.40	-74.70	0	1	34.4	8.3	20.9	963.0	15.0	188.3	18.0	100.0	78.0	4	49.0	1.35	1020.5	1.20	139.0	1.35	1019.3	1.20	229.0	1.35	1013.4	1.20	319.0	1.35	1017.7	1.20	1	1
1976_03	Belle	197608	091800	36.60	-74.20	0	1	36.6	11.2	20.9	970.0	15.0	191.2	20.0	95.0	68.0	4	56.0	1.45	1022.0	1.20	146.0	1.45	1020.7	1.20	236.0	1.45	1014.9	1.20	326.0	1.45	1017.8	1.20	1	2
1976_03	Belle	197608	100000	38.80	-73.80	0	1	38.8	13.6	20.9	975.0	15.0	193.6	30.0	80.0	68.0	4	64.9	1.40	1022.7	1.20	154.9	1.40	1021.6	1.20	244.9	1.40	1015.4	1.20	334.9	1.40	1017.9	1.20	1	1
1976_03	Belle	197608	100500	40.65	-73.30	0	1	40.7	13.9	21.0	982.0	15.0	193.9	30.0	75.0	64.0	4	67.4	1.20	1022.8	1.20	157.4	1.20	1021.7	1.20	247.4	1.20	1016.2	1.20	337.4	1.20	1017.8	1.20	1	2
1976_03	Belle	197608	100600	41.00	-73.20	0	1	41.0	14.2	21.0	983.0	15.0	194.2	30.0	80.0	66.0	4	70.0	1.20	1022.8	1.27	160.0	1.20	1021.7	1.27	250.0	1.20	1017.8	1.27	340.0	1.20	1017.8	1.27	1	2
1976_03	Belle	197608	101200	42.60	-72.40	0	1	42.6	15.7	19.8	992.0	15.0	195.7	35.0	85.0	66.0	4	76.7	1.15	1022.8	1.10	166.7	1.15	1021.6	1.10	256.7	1.15	1018.5	1.10	346.7	1.15	1017.9	1.10	1	2
1978_06	Ella	197809	020000	31.20	-72.70	0	1	31.2	316.3	3.7	960.0	5.0	136.3	7.0	0.0	100.0	4	34.9	1.60	1020.8	0.00	124.9	1.60	1019.8	0.00	214.9	1.60	1016.9	0.00	304.9	1.60	1019.3	0.00	3	2
1978_06	Ella	197809	020600	31.40	-73.10	0	1	31.4	331.4	3.7	977.0	5.0	151.4	9.0	0.0	100.0	4	32.9	1.70	1020.9	0.00	122.9	1.70	1019.8	0.00	212.9	1.70	1017.5	0.00	302.9	1.70	1019.4	0.00	3	2
1978_06	Ella	197809	021200	31.60	-73.30	0	1	31.6	351.0	3.7	981.0	5.0	171.0	16.0	0.0	100.0	4	28.9	1.65	1020.8	0.00	118.9	1.65	1019.9	0.00	208.9	1.65	1016.9	0.00	298.9	1.65	1019.4	0.00	3	2
1978_06	Ella	197809	021800	31.90	-73.00	0	1	31.9	11.4	4.1	983.0	5.0	191.4	16.0	130.0	90.0	4	28.9	1.65	1020.8	1.25	118.9	1.65	1019.9	1.25	208.9	1.65	1017.3	1.25	298.9	1.65	1019.4	1.25	2	2
1978_06	Ella	197809	030000	32.30	-72.80	0	1	32.3	28.1	6.1	983.0	6.1	208.1	16.0	130.0	90.0	4	36.9	1.60	1019.8	1.25	126.9	1.60	1019.3	1.25	216.9	1.60	1016.9	1.25	306.9	1.60	1018.0	1.25	2	2
1978_06	Ella	197809	030600	33.00	-72.40	0	1	33.0	36.0	8.8	981.0	8.8	216.0	22.0	130.0	90.0	4	49.1	1.70	1018.1	1.25	139.1	1.70	1018.9	1.25	229.1	1.70	1016.5	1.25	319.1	1.70	1017.2	1.25	3	2
1978_06	Ella	197809	031200	33.80	-71.70	-40	1	33.8	39.6	13.6	976.0	13.6	219.6	25.0	130.0	90.0	4	65.0	1.60	1017.7	1.25	155.0	1.60	1018.7	1.25	245.0	1.60	1015.7	1.25	335.0	1.60	1015.0	1.25	2	2
1978_06	Ella	197809	031800	35.00	-70.20	-30	1	35.0	44.3	18.5	970.0	15.0	224.3	28.0	150.0	90.0	4	79.1	1.60	1016.9	1.35	169.1	1.60	1018.4	1.35	259.1	1.60	1015.6	1.35	349.1	1.60	1011.4	1.35	2	2
1978_06	Ella	197809	040000	36.20	-68.30	0	1	36.2	47.7	22.8	962.0	15.0	227.7	28.0	150.0	90.0	4	92.1	1.60	1016.6	1.35	182.1	1.60	1016.8	1.35	272.1	1.60	1012.0	1.35	2.1	1.60	1009.0	1.35	2	3
1978_06	Ella	197809	040600	38.00	-66.00	0	1	38.0	49.3	25.0	958.0	15.0	229.3	15.0	130.0	85.0	4	103.1	1.65	1016.4	1.30	193.1	1.65	1015.1	1.30	283.1	1.65	1010.8	1.30	13.1	1.65	1008.2	1.30	3	1
1978_06	Ella	197809	041200	40.00	-63.00	0	1	40.0	50.5	25.0	956.0	15.0	230.5	15.0	130.0	72.5	4	112.0	2.10	1016.2	1.30	202.0	2.10	1013.1	1.30	292.0	2.10	1010.4	1.30	22.0	2.10	1008.1	1.30	3	2
1978_06	Ella	197809	041800	42.50	-59.50	0	1	42.5	52.8	25.0	956.0	15.0	232.8	17.0	130.0	72.5	4	119.0	2.10	1014.8	1.30	209.0	2.10	1010.8	1.30	299.0	2.10	1008.0	1.30	29.0	2.10	1007.0	1.30	3	2
1978_06	Ella	197809	050000	45.00	-55.00	0	1	45.0	55.7	25.0	960.0	15.0	235.7	25.0	140.0	67.0	4	125.0	2.20	1014.1	1.30	215.0	2.20	1008.4	1.30	305.0	2.20	1007.5	1.30	35.0	2.20	1005.9	1.30	2	2
1985_07	Gloria	198509	261200	30.00	-75.50	-25	1	30.0	340.9	13.6	948.5	13.6	160.9	21.0	95.0	72.5	4	45.0	1.12	1017.8	1.25	135.0	1.12	1013.6	1.25	225.0	1.12	1011.1	1.25	315.0	1.12	1014.7	1.25	1	1
1985_07	Gloria																																		

Ref	Name	CYM	DHM	Lat	Long	Rot	IsSnap	EyeLat	Dirac	Speed	EyePre	SGW	AN1	Rad1	Rad2	Dp1%	NumPro	P1_Azi	P1_B1	P1_Pfr	P1_B2	P2_Azi	P2_B1	P2_Pfr	P2_B2	P3_Azi	P3_B1	P3_Pfr	P3_B2	P4_Azi	P4_B1	P4_Pfr	P4_B2	Rank - Data	Rank - Fit
1991_02	Bob	199108	181200	31.50	-76.60	0	1	31.5	14.7	13.0	974.0	13.0	194.7	20.0	0.0	100.0	4	69.0	1.20	1019.6	0.00	159.0	1.20	1017.7	0.00	249.0	1.20	1015.1	0.00	339.0	1.20	1013.4	0.00	1	1
1991_02	Bob	199108	181800	33.00	-76.10	0	1	33.0	18.2	16.5	965.0	15.0	198.2	18.0	0.0	100.0	4	72.0	1.05	1019.3	0.00	162.0	1.05	1017.6	0.00	252.0	1.05	1014.7	0.00	342.0	1.05	1013.0	0.00	1	1
1991_02	Bob	199108	190000	34.60	-75.30	0	1	34.6	21.4	18.7	957.0	15.0	201.4	18.0	0.0	100.0	4	78.0	1.05	1019.6	0.00	168.0	1.05	1017.6	0.00	258.0	1.05	1012.3	0.00	348.0	1.05	1013.0	0.00	1	1
1991_02	Bob	199108	190600	36.50	-74.50	0	1	36.5	23.9	23.5	950.0	15.0	203.9	20.0	0.0	100.0	4	83.9	1.00	1019.6	0.00	173.9	1.00	1017.5	0.00	263.9	1.00	1012.3	0.00	353.9	1.00	1013.0	0.00	1	1
1991_02	Bob	199108	191200	38.90	-73.00	0	1	38.9	26.8	25.0	953.0	15.0	206.8	28.0	0.0	100.0	4	93.0	0.95	1019.6	0.00	183.0	0.95	1015.8	0.00	273.0	0.95	1012.3	0.00	3.0	0.95	1017.8	0.00	1	1
1991_02	Bob	199108	191500	40.18	-72.20	0	1	40.2	29.0	25.0	958.5	15.0	209.0	32.0	0.0	100.0	4	97.5	0.93	1020.1	0.00	187.6	0.93	1014.8	0.00	277.5	0.93	1013.5	0.00	7.6	0.93	1018.8	0.00	1	1
1991_02	Bob	199108	191700	41.05	-71.64	15	1	41.0	30.0	25.0	962.0	15.0	210.0	33.0	0.0	100.0	4	100.0	0.90	1020.3	0.00	190.0	0.90	1014.0	0.00	280.0	0.90	1013.9	0.00	10.0	0.90	1019.0	0.00	1	1
1991_02	Bob	199108	191800	41.40	-71.39	0	1	41.4	31.2	25.0	964.0	15.0	211.2	45.0	0.0	100.0	4	102.1	0.90	1020.6	0.00	192.1	0.90	1013.9	0.00	282.1	0.90	1014.8	0.00	12.1	0.90	1019.7	0.00	1	2
1991_02	Bob	199108	191930	42.00	-70.95	0	1	42.0	32.8	25.0	967.2	15.0	212.7	53.0	0.0	100.0	4	104.6	0.82	1020.9	0.00	194.6	0.82	1013.9	0.00	284.6	0.82	1015.6	0.00	14.6	0.82	1020.0	0.00	1	2
1991_02	Bob	199108	192100	42.60	-70.50	0	1	42.6	34.3	25.0	970.5	15.0	214.3	53.0	0.0	100.0	4	107.0	0.75	1021.2	0.00	197.1	0.75	1013.9	0.00	287.0	0.75	1016.4	0.00	17.1	0.75	1020.3	0.00	1	2
1991_02	Bob	199108	200000	43.80	-69.60	0	1	43.8	37.4	25.0	977.0	15.0	217.4	55.0	0.0	100.0	4	112.0	0.80	1021.7	0.00	202.0	0.80	1013.9	0.00	292.0	0.80	1018.1	0.00	22.0	0.80	1021.0	0.00	1	2
1991_02	Bob	199108	200600	45.60	-67.60	0	1	45.6	44.1	25.0	987.0	15.0	224.1	55.0	0.0	100.0	4	119.0	0.80	1021.8	0.00	209.0	0.80	1013.9	0.00	299.0	0.80	1018.1	0.00	29.0	0.80	1021.0	0.00	1	2
1991_02	Bob	199108	201200	47.00	-65.50	0	1	47.0	50.8	25.0	998.0	15.0	230.8	70.0	0.0	100.0	4	125.0	0.80	1022.8	0.00	215.0	0.80	1016.0	0.00	305.0	0.80	1018.1	0.00	35.0	0.80	1021.0	0.00	1	3
1991_02	Bob	199108	201800	48.40	-61.90	0	1	48.4	54.6	24.4	1003.0	15.0	237.6	80.0	0.0	100.0	4	129.0	0.80	1022.8	0.00	219.0	0.80	1018.0	0.00	309.0	0.80	1017.1	0.00	39.0	0.80	1020.6	0.00	1	3
1991_02	Bob	199108	210000	49.80	-58.30	0	1	49.8	64.6	24.5	1008.0	15.0	244.6	80.0	0.0	100.0	4	134.0	0.80	1022.8	0.00	224.0	0.80	1019.2	0.00	314.0	0.80	1016.2	0.00	44.0	0.80	1019.7	0.00	1	2
1993_05	Emily	199308	290000	28.60	-68.20	0	1	28.6	320.1	8.3	973.0	8.3	140.1	20.0	0.0	100.0	4	51.0	1.10	1020.1	0.00	141.0	1.10	1017.5	0.00	231.0	1.10	1016.4	0.00	321.0	1.10	1016.9	0.00	1	2
1993_05	Emily	199308	290600	29.30	-68.80	0	1	29.3	323.6	8.3	978.0	8.3	143.6	19.0	45.0	80.0	4	55.0	1.30	1020.0	1.30	145.0	1.30	1017.7	1.30	235.0	1.30	1016.4	1.30	325.0	1.30	1016.6	1.30	1	2
1993_05	Emily	199308	291200	30.00	-69.20	0	1	30.0	323.1	7.6	979.0	7.6	143.1	21.0	45.0	80.0	4	60.0	1.30	1019.7	1.30	150.0	1.30	1017.1	1.30	240.0	1.30	1016.2	1.30	330.0	1.30	1016.6	1.30	1	2
1993_05	Emily	199308	291800	30.60	-69.70	0	1	30.6	319.0	7.4	978.0	7.4	139.0	21.0	45.0	85.0	4	65.0	1.30	1019.4	1.50	155.0	1.30	1017.0	1.50	245.0	1.30	1016.2	1.50	335.0	1.30	1016.6	1.50	1	2
1993_05	Emily	199308	300000	31.20	-70.20	0	1	31.2	311.9	6.5	977.0	6.5	131.9	25.0	0.0	100.0	4	69.0	1.30	1019.4	0.00	159.0	1.30	1017.1	0.00	249.0	1.30	1015.9	0.00	339.0	1.30	1016.6	0.00	1	1
1993_05	Emily	199308	300600	31.50	-70.80	0	1	31.5	304.9	6.5	976.0	6.5	124.9	25.0	0.0	100.0	4	73.0	1.25	1019.4	0.00	163.0	1.25	1016.9	0.00	253.0	1.25	1015.7	0.00	343.0	1.25	1017.7	0.00	1	1
1993_05	Emily	199308	301200	31.80	-71.40	0	1	31.8	300.8	6.5	975.0	6.5	120.8	24.0	0.0	100.0	4	76.0	1.30	1019.5	0.00	166.0	1.30	1016.9	0.00	256.0	1.30	1015.4	0.00	346.0	1.30	1017.7	0.00	1	1
1993_05	Emily	199308	301800	32.00	-72.20	0	1	32.0	300.1	7.4	974.0	7.4	120.1	22.0	0.0	100.0	4	79.0	1.37	1020.1	0.00	169.0	1.37	1016.7	0.00	259.0	1.37	1015.4	0.00	349.0	1.37	1017.7	0.00	1	1
1993_05	Emily	199308	310000	32.40	-73.00	0	1	32.4	304.7	8.1	972.0	8.1	124.7	24.0	0.0	100.0	4	81.0	1.40	1020.1	0.00	171.0	1.40	1016.9	0.00	261.0	1.40	1014.8	0.00	351.0	1.40	1017.7	0.00	1	1
1993_05	Emily	199308	310600	32.90	-73.80	0	1	32.9	316.8	9.4	970.0	9.4	136.8	24.0	0.0	100.0	4	85.0	1.40	1020.3	0.00	175.0	1.40	1016.9	0.00	265.0	1.40	1014.7	0.00	355.0	1.40	1017.7	0.00	1	1
1993_05	Emily	199308	311200	33.60	-74.70	0	1	33.6	333.4	9.9	965.0	9.9	153.4	24.0	0.0	100.0	4	88.0	1.40	1020.1	0.00	178.0	1.40	1016.7	0.00	268.0	1.40	1014.4	0.00	358.0	1.40	1016.6	0.00	1	1
1993_05	Emily	199308	311800	34.50	-75.20	0	1	34.5	353.7	10.0	962.0	10.0	173.7	24.0	0.0	100.0	4	93.0	1.60	1020.2	0.00	183.0	1.60	1016.9	0.00	273.0	1.60	1014.7	0.00	3.0	1.60	1014.2	0.00	1	1
1993_05	Emily	199309	010000	35.60	-74.90	20	1	35.6	16.7	11.0	960.0	11.0	196.7	23.0	0.0	100.0	4	98.0	1.50	1020.6	0.00	188.0	1.50	1016.9	0.00	278.0	1.50	1014.8	0.00	8.0	1.50	1014.2	0.00	1	2
1993_05	Emily	199309	010600	36.60	-74.40	0	1	36.6	37.1	13.0	962.0	13.0	217.1	23.0	0.0	100.0	4	105.0	1.50	1020.6	0.00	195.0	1.50	1017.2	0.00	285.0	1.50	1015.5	0.00	15.0	1.50	1014.2	0.00	1	1
1993_05	Emily	199309	011200	37.50	-72.70	0	1	37.5	52.9	16.9	965.0	15.0	232.9	27.0	0.0	100.0	4	112.0	1.50	1020.6	0.00	202.0	1.50	1018.8	0.00	292.0	1.50	1017.6	0.00	22.0	1.50	1016.1	0.00	1	1
1993_05	Emily	199309	011800	38.20	-70.70	-20	1	38.2	66.6	18.3	969.0	15.0	246.6	28.0	0.0	100.0	4	121.0	1.30	1022.0	0.00	211.0	1.30	1019.3	0.00	301.0	1.30	1017.9	0.00	31.0	1.30	1016.7	0.00	1	2
1993_05	Emily	199309	020000	39.00	-68.50	0	1	39.0	76.5	18.3	971.0	15.0	256.5	32.0	0.0	100.0	4	129.0	1.30	1022.3	0.00	219.0	1.30	1019.9	0.00	309.0	1.30	1018.1	0.00	39.0	1.30	1017.3	0.00	2	1
1993_05	Emily	199309	020600	39.20	-66.00	20	1	39.2	84.4	18.3	972.0	15.0	264.4	35.0	0.0	100.0	4	139.9	1.30	1022.5	0.00	229.9	1.30	1021.4	0.00	319.9	1.30	1019.6	0.00	49.9	1.30	1018.5	0.00	2	1
1993_05	Emily	199309	021200	39.20	-63.60	0	1	39.2	93.3	17.9	973.0	15.0	273.3	35.0	0.0	100.0	4	140.9	1.30	1023.0	0.00	230.9	1.30	1022.3	0.00	320.9	1.30	1021.0	0.00	50.9	1.30	1021.1	0.00	3	1
1993_05	Emily	199309	021800	39.00	-61.40	0	1	39.0	103.6	15.8	974.0	15.0	283.6	35.0	0.0	100.0	4	137.9	1.30	1023.0	0.00	227.9	1.30	1022.3	0.00	317.9	1.30	1021.3	0.00	47.9	1.30	1021.7	0.00	3	1
1993_05	Emily	199309	030000	38.60	-59.60	0	1	38.6	116.4	12.9	975.0	12.9	296.4	35.0	0.0	100.0	4	128.9	1.15	1023.0	0.00	218.9	1.15	1022.3	0.00	308.9	1.15	1021.5	0.00	38.9	1.15	1023.0	0.00	3	2
1993_05	Emily	199309	030600	38.10	-58.																														

Ref	Name	CYM	DHM	Lat	Long	Rot	IsSnap	EyeLat	Direc	Speed	EyePre	SGW	AN1	Rad1	Rad2	Dp1%	NumPro	P1_Azi	P1_B1	P1_Pfr	P1_B2	P2_Azi	P2_B1	P2_Pfr	P2_B2	P3_Azi	P3_B1	P3_Pfr	P3_B2	P4_Azi	P4_B1	P4_Pfr	P4_B2	Rank - Data	Rank - Fit
1996_08	Hortense	199609	130600	27.20	-71.40	35	1	27.2	11.3	15.7	942.0	15.0	191.3	10.0	65.0	78.0	4	54.0	1.55	1015.6	2.00	144.0	1.55	1013.3	2.00	234.0	1.55	1009.9	2.00	324.0	1.55	1007.7	2.00	1	1
1996_08	Hortense	199609	131200	29.00	-70.90	0	1	29.0	13.4	19.6	948.0	15.0	193.4	11.0	70.0	72.0	4	56.0	1.40	1015.4	1.80	146.0	1.40	1013.7	1.80	236.0	1.40	1009.4	1.80	326.0	1.40	1006.8	1.80	1	1
1996_08	Hortense	199609	131800	31.00	-70.30	0	1	31.0	15.9	22.4	948.0	15.0	195.9	11.0	70.0	66.0	4	62.9	1.40	1015.4	1.10	152.9	1.40	1013.7	1.10	242.9	1.40	1009.2	1.10	332.9	1.40	1006.8	1.10	1	1
1996_08	Hortense	199609	140000	33.30	-69.50	0	1	33.3	18.6	25.0	948.0	15.0	198.6	11.0	70.0	66.0	4	65.0	1.25	1014.8	1.20	155.0	1.25	1014.0	1.20	245.0	1.25	1009.2	1.20	335.0	1.25	1006.8	1.20	1	1
1996_08	Hortense	199609	140600	35.90	-68.40	0	1	35.9	21.1	25.0	955.0	15.0	201.1	12.0	75.0	53.0	4	64.0	1.20	1015.6	1.95	154.0	1.20	1014.1	1.95	244.0	1.20	1009.2	1.95	334.0	1.20	1008.2	1.95	1	1
1996_08	Hortense	199609	141200	38.50	-67.10	0	1	38.5	25.5	25.0	960.0	15.0	205.5	45.0	0.0	100.0	4	55.9	1.00	1015.7	0.00	145.9	1.00	1014.6	0.00	235.9	1.00	1009.3	0.00	325.9	1.00	1009.2	0.00	1	1
1996_08	Hortense	199609	141800	42.00	-65.20	35	1	42.0	33.1	25.0	960.0	15.0	213.1	47.0	0.0	100.0	4	46.8	0.90	1017.2	0.00	136.8	0.90	1014.4	0.00	226.8	0.90	1009.9	0.00	316.8	0.90	1013.2	0.00	1	2
1996_08	Hortense	199609	150000	44.30	-63.30	0	1	44.3	45.3	22.9	970.0	15.0	225.3	47.0	0.0	100.0	4	30.9	0.95	1017.2	0.00	120.9	0.95	1014.4	0.00	210.9	0.95	1010.9	0.00	300.9	0.95	1015.9	0.00	1	2
1996_08	Hortense	199609	150300	44.80	-62.50	0	1	44.8	52.7	22.6	975.0	15.0	232.7	52.0	0.0	100.0	4	24.4	1.00	1017.2	0.00	114.4	1.00	1014.2	0.00	204.4	1.00	1011.8	0.00	294.4	1.00	1015.9	0.00	2	2
1996_08	Hortense	199609	150600	45.50	-61.50	0	1	45.5	60.0	22.3	980.0	15.0	240.0	67.0	0.0	100.0	4	17.9	1.15	1017.2	0.00	107.9	1.15	1014.1	0.00	197.9	1.15	1012.6	0.00	287.9	1.15	1015.9	0.00	2	2
1996_08	Hortense	199609	151200	46.30	-59.10	0	1	46.3	76.1	18.1	982.0	15.0	256.1	67.0	0.0	100.0	4	6.9	1.10	1014.9	0.00	96.9	1.10	1012.4	0.00	186.9	1.10	1013.4	0.00	276.9	1.10	1015.9	0.00	2	2
1996_08	Hortense	199609	151800	46.00	-55.00	0	1	46.0	90.4	18.1	996.0	15.0	270.4	80.0	0.0	100.0	4	4.0	0.95	1011.8	0.00	94.0	0.95	1011.5	0.00	184.0	0.95	1013.4	0.00	274.0	0.95	1014.0	0.00	2	3
1996_08	Hortense	199609	160000	46.00	-54.00	0	1	46.0	98.6	20.5	998.0	15.0	278.6	80.0	0.0	100.0	4	1.2	0.95	1011.6	0.00	91.2	0.95	1010.1	0.00	181.2	0.95	1013.6	0.00	271.2	0.95	1013.6	0.00	2	3
1999_06	Floyd	199909	151200	29.30	-78.90	0	1	29.3	347.6	12.3	943.0	5.9	90.0	33.0	70.0	45.0	4	320.0	2.10	1014.8	0.60	50.0	2.10	1013.6	0.60	140.0	2.10	1008.9	0.60	230.0	2.10	1005.7	0.60	1	2
1999_06	Floyd	199909	151800	30.60	-79.10	0	1	30.6	3.6	14.0	947.0	4.6	95.0	32.0	60.0	20.0	4	320.0	2.70	1014.9	0.80	50.0	2.70	1013.4	0.80	140.0	2.70	1009.1	0.80	230.0	2.70	1007.7	0.80	1	2
1999_06	Floyd	199909	160000	32.10	-78.70	0	1	32.1	17.0	16.2	950.0	2.6	110.0	31.0	55.0	22.5	4	320.0	2.50	1017.0	0.80	50.0	2.50	1013.3	0.80	140.0	2.50	1010.3	0.80	230.0	2.50	1007.6	0.80	1	1
1999_06	Floyd	199909	160600	33.70	-78.00	0	1	33.7	24.1	19.7	956.0	2.1	140.0	30.0	55.0	20.0	4	315.0	2.70	1016.2	0.90	45.0	2.70	1013.3	0.90	135.0	2.70	1011.6	0.90	225.0	2.70	1009.5	0.90	1	1
1999_06	Floyd	199909	160645	34.30	-77.70	0	1	34.3	25.0	20.0	956.0	2.3	150.0	30.0	55.0	20.0	4	315.0	2.70	1016.2	0.90	45.0	2.70	1011.6	0.90	135.0	2.70	1011.6	0.90	225.0	2.70	1009.5	0.90	1	1
1999_06	Floyd	199909	161200	35.70	-76.80	0	1	35.7	27.6	24.3	967.0	3.1	180.0	30.0	55.0	10.0	4	320.0	1.10	1017.8	0.60	50.0	1.10	1014.0	0.60	140.0	1.10	1012.9	0.60	230.0	1.10	1011.2	0.60	1	2
1999_06	Floyd	199909	161800	38.00	-75.30	0	1	38.0	28.7	25.0	974.0	2.1	240.0	75.0	95.0	20.0	4	320.0	1.10	1019.0	1.00	50.0	1.10	1014.4	1.00	140.0	1.10	1013.9	1.00	230.0	1.10	1012.0	1.00	1	2
1999_06	Floyd	199909	170000	40.60	-73.50	0	1	40.6	31.6	24.1	980.0	4.3	225.0	100.0	115.0	19.9	4	310.0	1.10	1019.2	0.90	40.0	1.10	1015.7	0.90	130.0	1.10	1013.9	0.90	220.0	1.10	1012.6	0.90	1	2
1999_06	Floyd	199909	170600	42.10	-72.10	0	1	42.1	39.2	17.4	983.0	4.3	240.0	115.0	0.0	100.0	4	325.0	1.10	1018.1	0.00	55.0	1.10	1013.7	0.00	145.0	1.10	1013.3	0.00	235.0	1.10	1015.8	0.00	1	3
1999_06	Floyd	199909	171200	43.30	-70.60	0	1	43.3	48.5	15.9	984.0	4.9	245.0	115.0	0.0	100.0	4	320.0	1.15	1018.1	0.00	50.0	1.15	1013.7	0.00	140.0	1.15	1012.8	0.00	230.0	1.15	1016.7	0.00	1	3
1999_06	Floyd	199909	171800	44.20	-68.90	0	1	44.2	58.0	14.2	985.0	6.8	260.0	115.0	0.0	100.0	4	325.0	1.15	1016.2	0.00	55.0	1.15	1008.7	0.00	145.0	1.15	1011.9	0.00	235.0	1.15	1016.6	0.00	1	3
1999_06	Floyd	199909	180000	44.80	-67.30	0	1	44.8	63.8	13.6	987.0	5.6	280.0	115.0	0.0	100.0	4	325.0	1.15	1015.7	0.00	55.0	1.15	1006.8	0.00	145.0	1.15	1011.9	0.00	235.0	1.15	1016.1	0.00	1	3
1999_06	Floyd	199909	180600	45.40	-65.50	0	1	45.4	59.5	17.7	990.0	7.5	280.0	115.0	0.0	100.0	4	215.0	0.90	1015.4	0.00	305.0	0.90	1016.3	0.00	35.0	0.90	1006.2	0.00	125.0	0.90	1010.9	0.00	1	3
1999_06	Floyd	199909	181200	46.60	-63.00	0	1	46.6	62.2	24.6	992.0	10.7	275.0	130.0	0.0	100.0	4	215.0	1.10	1013.9	0.00	305.0	1.10	1016.5	0.00	35.0	1.10	1008.2	0.00	125.0	1.10	1010.6	0.00	1	3
1999_06	Floyd	199909	181800	47.70	-59.30	0	1	47.7	73.1	24.1	992.0	11.4	265.0	160.0	0.0	100.0	4	145.0	0.90	1010.2	0.00	235.0	0.90	1012.2	0.00	325.0	0.90	1013.3	0.00	55.0	0.90	1007.7	0.00	2	3
1999_06	Floyd	199909	190000	48.00	-56.30	0	1	48.0	80.1	23.2	992.0	7.9	265.0	160.0	0.0	100.0	4	145.0	0.60	1012.1	0.00	235.0	0.60	1012.8	0.00	325.0	0.60	1012.7	0.00	55.0	0.60	1007.1	0.00	2	3
2002_08	Gustav	200209	081200	29.00	-71.00	0	1	29.0	328.6	9.4	1009.0	9.4	148.6	110.0	0.0	100.0	4	40.0	0.90	1021.2	0.00	130.0	0.90	1018.0	0.00	220.0	0.90	1016.4	0.00	310.0	0.90	1020.1	0.00	3	2
2002_08	Gustav	200209	081800	30.20	-71.10	0	1	30.2	324.9	8.8	1007.0	8.8	144.9	110.0	0.0	100.0	4	43.7	0.95	1021.1	0.00	133.7	0.95	1018.0	0.00	223.7	0.95	1015.7	0.00	313.7	0.95	1020.1	0.00	1	2
2002_08	Gustav	200209	090000	30.50	-72.30	0	1	30.5	318.5	8.8	1004.0	8.8	138.5	110.0	0.0	100.0	4	40.0	1.00	1021.0	0.00	130.0	1.00	1018.0	0.00	220.0	1.00	1014.9	0.00	310.0	1.00	1020.1	0.00	2	2
2002_08	Gustav	200209	090600	31.20	-72.60	0	1	31.2	305.1	8.5	1003.0	8.5	125.1	110.0	0.0	100.0	4	45.0	1.10	1020.3	0.00	135.0	1.10	1017.8	0.00	225.0	1.10	1014.9	0.00	315.0	1.10	1020.1	0.00	3	2
2002_08	Gustav	200209	091200	31.60	-73.60	0	1	31.6	305.0	8.2	1002.0	8.2	125.0	120.0	0.0	100.0	4	51.1	1.20	1019.6	0.00	141.1	1.20	1017.5	0.00	231.1	1.20	1014.5	0.00	321.1	1.20	1018.9	0.00	1	2
2002_08	Gustav	200209	091800	31.90	-74.50	0	1	31.9	315.3	8.0	1002.0	8.0	135.3	125.0	0.0	100.0	4	59.3	1.35	1018.1	0.00	149.3	1.35	1016.1	0.00	239.3	1.35	1014.4	0.00	329.3	1.35	1017.4	0.00	1	2
2002_08	Gustav	200209	100000	32.10	-75.50	0	1	32.1	325.5	8.5	998.0	8.5	145.5	115.0	0.0	100.0	4	66.6	1.40	1016.2	0.00	156.6	1.40	1014.5	0.00	246.6	1.40	1013.1	0.00	336.6	1.40	1015.5	0.00	1	2
2002_08	Gustav	200209																																	

Ref	Name	CYM	DHM	Lat	Long	Rot	IsSnap	EyeLat	Direc	Speed	EyePre	SGW	AN1	Rad1	Rad2	Dp1%	NumPro	P1_Azi	P1_B1	P1_Pfr	P1_B2	P2_Azi	P2_B1	P2_Pfr	P2_B2	P3_Azi	P3_B1	P3_Pfr	P3_B2	P4_Azi	P4_B1	P4_Pfr	P4_B2	Rank - Data	Rank - Fit
2004_01	Alex	200408	050600	39.50	-63.10	0	1	39.5	66.1	25.0	957.0	15.0	246.1	16.0	110.0	80.0	4	131.0	1.45	1018.8	1.30	221.0	1.45	1012.5	1.30	311.0	1.45	1005.9	1.30	41.0	1.45	1003.7	1.30	3	1
2004_01	Alex	200408	051200	40.80	-59.60	0	1	40.8	65.4	25.0	962.0	15.0	245.4	25.0	130.0	80.0	4	134.0	1.45	1018.8	1.30	224.0	1.45	1012.3	1.30	314.0	1.45	1004.1	1.30	44.0	1.45	1003.7	1.30	3	2
2004_01	Alex	200408	051800	42.70	-55.00	0	1	42.7	66.6	25.0	970.0	15.0	246.6	30.0	130.0	82.0	4	137.0	1.50	1018.6	1.30	227.0	1.50	1012.3	1.30	317.0	1.50	1004.1	1.30	47.0	1.50	1003.7	1.30	2	2
2004_01	Alex	200408	060000	44.50	-49.30	0	1	44.5	69.7	25.0	978.0	15.0	249.7	35.0	130.0	82.0	4	140.0	1.45	1018.6	1.30	230.0	1.45	1012.3	1.30	320.0	1.45	1004.1	1.30	50.0	1.45	1004.6	1.30	2	2
2007_16	Noel	200711	020000	26.40	-76.50	0	1	26.4	33.0	14.9	981.0	14.9	213.0	38.0	0.0	100.0	4	3.9	1.30	1015.1	0.00	93.9	1.30	1012.9	0.00	183.9	1.30	1007.1	0.00	273.9	1.30	1012.1	0.00	1	2
2007_16	Noel	200711	020600	27.70	-75.60	0	1	27.7	32.5	15.1	981.0	15.0	212.5	70.0	0.0	100.0	4	356.0	1.40	1016.2	0.00	86.0	1.40	1013.0	0.00	176.0	1.40	1007.8	0.00	266.0	1.40	1012.1	0.00	1	2
2007_16	Noel	200711	021200	28.70	-74.40	15	1	28.7	30.6	16.5	981.0	15.0	210.6	75.0	0.0	100.0	4	356.0	1.30	1018.7	0.00	86.0	1.30	1015.8	0.00	176.0	1.30	1009.5	0.00	266.0	1.30	1012.7	0.00	1	2
2007_16	Noel	200711	021800	30.30	-73.30	30	1	30.3	27.9	20.0	980.0	15.0	207.9	85.0	0.0	100.0	4	358.0	1.30	1020.9	0.00	88.0	1.30	1016.2	0.00	178.0	1.30	1009.9	0.00	268.0	1.30	1013.6	0.00	1	2
2007_16	Noel	200711	030000	32.30	-72.40	50	1	32.3	24.1	21.2	980.0	15.0	204.1	100.0	0.0	100.0	4	3.0	1.35	1021.8	0.00	93.0	1.35	1016.6	0.00	183.0	1.35	1010.9	0.00	273.0	1.35	1017.3	0.00	3	2
2007_16	Noel	200711	030600	34.30	-71.70	50	1	34.3	21.4	21.5	977.0	15.0	201.4	100.0	0.0	100.0	4	10.0	1.20	1021.8	0.00	100.0	1.20	1016.6	0.00	190.0	1.20	1010.9	0.00	280.0	1.20	1017.3	0.00	1	2
2007_16	Noel	200711	031200	36.40	-70.90	60	1	36.4	22.2	24.0	974.0	15.0	202.2	110.0	0.0	100.0	4	18.0	1.35	1021.8	0.00	108.0	1.35	1016.6	0.00	198.0	1.35	1011.3	0.00	288.0	1.35	1017.3	0.00	3	2
2007_16	Noel	200711	031800	38.80	-69.70	60	1	38.8	23.3	25.0	970.0	15.0	203.3	110.0	0.0	100.0	4	23.0	1.20	1019.8	0.00	113.0	1.20	1015.3	0.00	203.0	1.20	1011.3	0.00	293.0	1.20	1015.0	0.00	2	2
2007_16	Noel	200711	040000	41.10	-68.20	100	1	41.1	24.0	25.0	968.0	15.0	204.0	110.0	0.0	100.0	4	32.8	1.00	1017.6	0.00	122.8	1.00	1014.9	0.00	212.8	1.00	1011.3	0.00	302.8	1.00	1012.9	0.00	2	2
2007_16	Noel	200711	040600	43.60	-66.20	70	1	43.6	24.7	25.0	968.0	15.0	204.7	110.0	0.0	100.0	4	43.8	1.05	1013.6	0.00	133.8	1.05	1014.3	0.00	223.8	1.05	1011.2	0.00	313.8	1.05	1010.1	0.00	2	3
2007_16	Noel	200711	041200	47.50	-64.30	70	1	47.5	24.4	25.0	966.0	15.0	204.4	110.0	0.0	100.0	4	57.9	1.05	1011.3	0.00	147.9	1.05	1011.4	0.00	237.9	1.05	1009.3	0.00	327.9	1.05	1008.7	0.00	2	2
2007_16	Noel	200711	041800	51.20	-62.20	100	1	51.2	23.1	25.0	966.0	15.0	203.1	130.0	0.0	100.0	4	73.4	1.10	1010.3	0.00	163.4	1.10	1007.6	0.00	253.4	1.10	1006.5	0.00	343.4	1.10	1004.1	0.00	2	2
2009_03	Bill	200908	220000	30.40	-67.60	-30	1	30.4	340.9	18.6	957.0	15.0	160.9	25.0	0.0	100.0	4	49.0	1.00	1021.4	0.00	139.0	1.00	1017.8	0.00	229.0	1.00	1013.7	0.00	319.0	1.00	1015.0	0.00	3	1
2009_03	Bill	200908	220600	32.30	-68.40	-30	1	32.3	347.9	19.2	960.0	15.0	167.9	40.0	0.0	100.0	4	55.9	1.10	1021.4	0.00	145.9	1.10	1018.4	0.00	235.9	1.10	1013.7	0.00	325.9	1.10	1013.2	0.00	1	2
2009_03	Bill	200908	221200	34.10	-68.80	-15	1	34.1	356.1	19.6	961.0	15.0	176.1	40.0	0.0	100.0	4	63.9	1.05	1021.4	0.00	153.9	1.05	1019.1	0.00	243.9	1.05	1012.8	0.00	333.9	1.05	1012.8	0.00	3	2
2009_03	Bill	200908	221800	36.00	-68.90	0	1	36.0	5.8	20.1	961.0	15.0	185.8	40.0	0.0	100.0	4	73.0	0.97	1021.2	0.00	163.0	0.97	1019.1	0.00	253.0	0.97	1011.3	0.00	343.0	0.97	1012.5	0.00	1	2
2009_03	Bill	200908	230000	38.10	-68.40	0	1	38.1	17.0	21.5	961.0	15.0	197.0	40.0	0.0	100.0	4	84.0	0.97	1021.4	0.00	174.0	0.97	1019.1	0.00	264.0	0.97	1011.3	0.00	354.0	0.97	1012.5	0.00	2	1
2009_03	Bill	200908	230600	40.10	-67.30	0	1	40.1	29.3	24.5	962.0	15.0	209.3	40.0	130.0	85.0	4	95.0	1.00	1021.6	1.30	185.0	1.00	1018.4	1.30	275.0	1.00	1011.3	1.30	5.0	1.00	1012.3	1.30	1	1
2009_03	Bill	200908	231200	42.40	-65.40	0	1	42.4	40.6	25.0	965.0	15.0	220.6	45.0	130.0	85.0	4	104.0	1.00	1022.8	1.30	194.0	1.00	1018.4	1.30	284.0	1.00	1010.8	1.30	14.0	1.00	1012.1	1.30	1	1
2009_03	Bill	200908	231800	44.40	-62.50	0	1	44.4	54.8	25.0	970.0	15.0	234.8	45.0	130.0	85.0	4	116.5	1.00	1022.8	1.30	206.5	1.00	1018.7	1.30	296.5	1.00	1010.8	1.30	26.5	1.00	1010.5	1.30	2	2
2009_03	Bill	200908	240000	46.30	-57.90	0	1	46.3	61.4	25.0	973.0	15.0	241.4	55.0	130.0	85.0	4	122.2	1.00	1022.8	1.30	212.2	1.00	1018.7	1.30	302.2	1.00	1010.8	1.30	32.2	1.00	1010.4	1.30	2	2
2009_03	Bill	200908	240200	46.80	-56.40	0	1	46.8	64.8	25.0	974.0	15.0	244.8	55.0	130.0	85.0	4	125.0	1.00	1022.5	1.30	215.0	1.00	1018.9	1.30	305.0	1.00	1010.4	1.30	35.0	1.00	1009.1	1.30	3	2
2009_03	Bill	200908	240300	46.90	-56.00	0	1	46.9	64.8	25.0	976.0	15.0	244.8	60.0	130.0	85.0	4	125.0	1.00	1022.5	1.30	215.0	1.00	1018.9	1.30	305.0	1.00	1010.4	1.30	35.0	1.00	1009.1	1.30	3	2
2009_03	Bill	200908	240600	48.00	-53.00	0	1	48.0	67.3	25.0	980.0	15.0	247.3	70.0	130.0	78.0	4	129.2	1.00	1021.8	1.20	219.2	1.00	1018.7	1.20	309.2	1.00	1010.0	1.20	39.2	1.00	1007.8	1.20	2	2
2009_03	Bill	200908	241200	49.20	-47.20	0	1	49.2	71.5	25.0	980.0	15.0	251.5	70.0	130.0	78.0	4	136.3	1.00	1021.6	1.20	226.3	1.00	1018.7	1.20	316.3	1.00	1008.0	1.20	46.3	1.00	1007.8	1.20	3	2
2009_03	Bill	200908	241800	50.00	-41.20	0	1	50.0	78.9	25.0	980.0	15.0	258.9	80.0	0.0	100.0	4	152.0	1.00	1015.8	0.00	242.0	1.00	1015.5	0.00	332.0	1.00	1003.3	0.00	62.0	1.00	1002.2	0.00	3	2