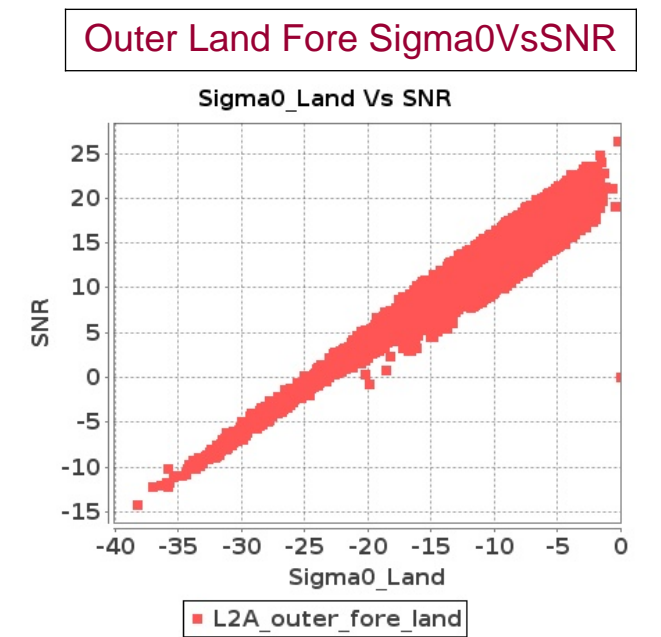
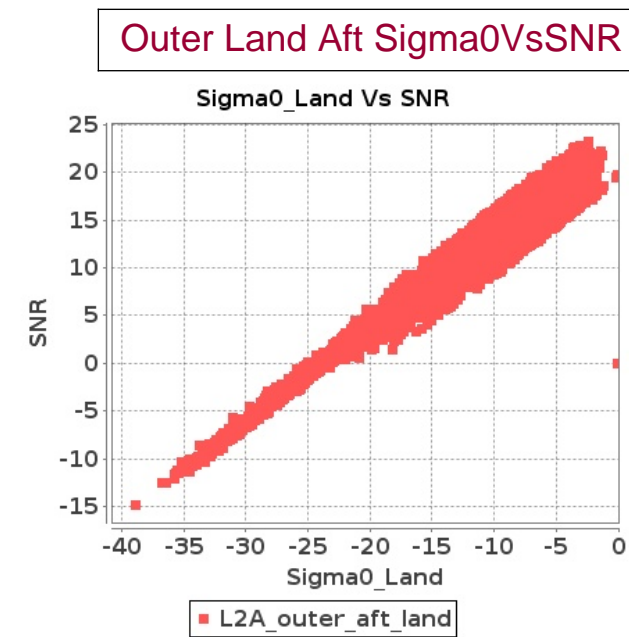
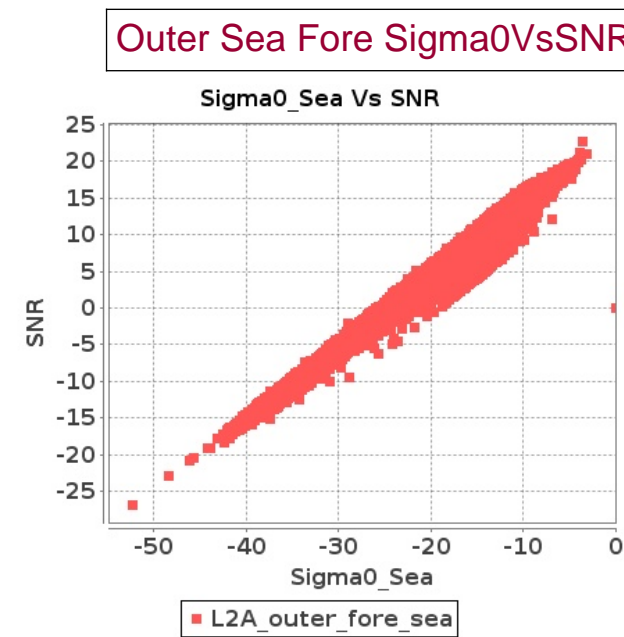
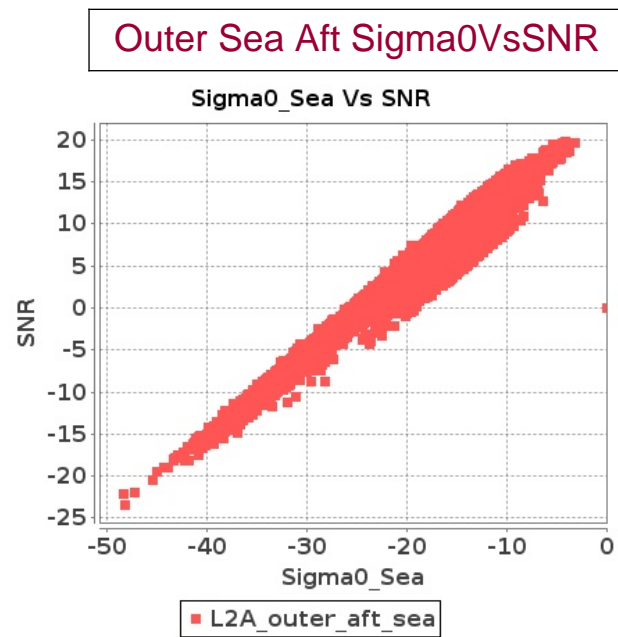
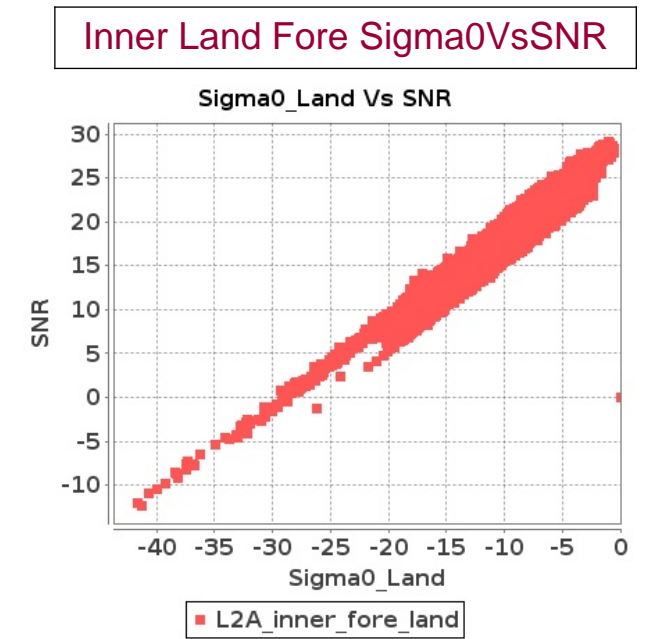
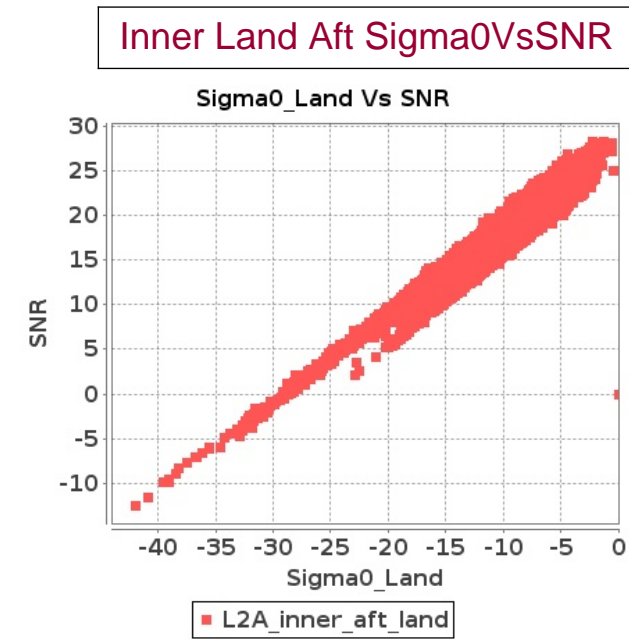
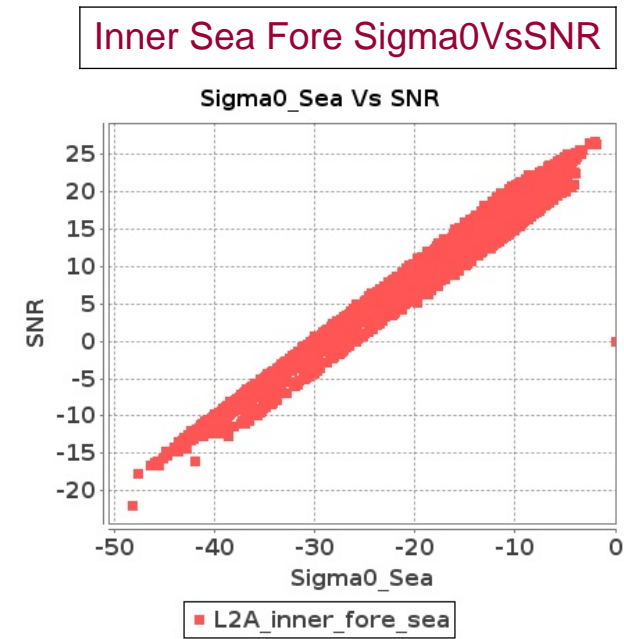
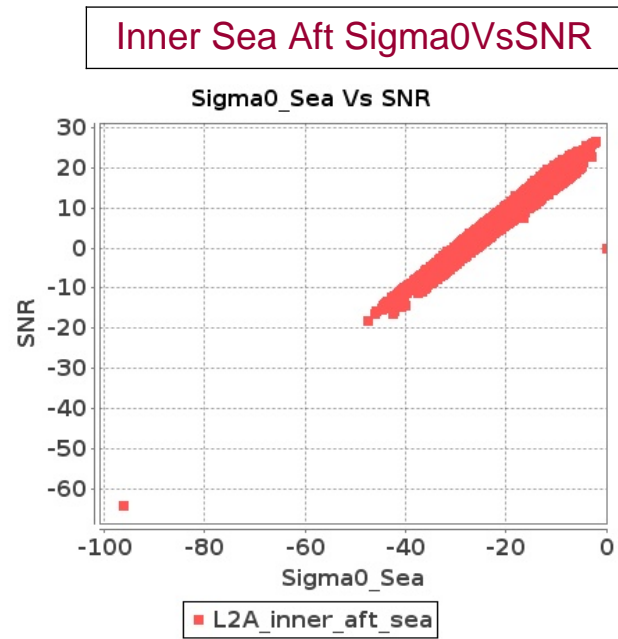


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 09-FEB-2017 To 10-FEB-2017



SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 09-FEB-2017 To 10-FEB-2017

Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	1970	1971	SN	1	0.0	47.156	5.277	0.0	49.301	7.471	0.0	44.232	5.068	0.0	48.211	7.861	0.0	47.288	4.92	0.0	46.493	6.289	0.0	43.061	4.599	0.0	43.505	5.976
2	1970	1971	NS	1	0.0	50.429	2.151	0.0	45.876	2.332	0.0	48.766	1.69	0.0	46.147	2.732	0.0	52.407	2.098	0.0	45.459	1.851	0.0	47.673	1.569	0.0	41.655	1.521
3	1970	1971	NS	1	0.0	50.429	2.151	0.0	45.876	2.332	0.0	48.766	1.69	0.0	46.147	2.732	0.0	52.407	2.098	0.0	45.459	1.851	0.0	47.673	1.569	0.0	41.655	1.521
4	1970	1971	SN	1	0.0	45.254	1.658	0.0	50.168	2.583	0.0	42.352	1.803	0.0	45.363	3.396	0.0	45.537	1.537	0.0	48.203	2.053	0.0	39.652	1.516	0.0	41.198	2.228
5	1970	1971	NS	1	0.0	52.685	6.841	0.0	51.251	8.232	0.0	45.358	5.676	0.0	52.03	8.45	0.0	50.876	6.59	0.0	50.132	6.919	0.0	45.288	5.235	0.0	45.163	5.394
6	1970	1971	SN	1	0.0	47.156	5.277	0.0	49.301	7.471	0.0	44.232	5.068	0.0	48.211	7.861	0.0	47.288	4.92	0.0	46.493	6.289	0.0	43.061	4.599	0.0	43.505	5.976
7	1970	1971	SN	1	0.0	47.156	5.277	0.0	49.301	7.471	0.0	44.232	5.068	0.0	48.211	7.861	0.0	47.288	4.92	0.0	46.493	6.289	0.0	43.061	4.599	0.0	43.505	5.976
8	1970	1971	SN	1	0.0	45.254	1.658	0.0	50.168	2.583	0.0	42.352	1.803	0.0	45.363	3.396	0.0	45.537	1.537	0.0	48.203	2.053	0.0	39.652	1.516	0.0	41.198	2.228
9	1970	1971	NS	1	0.0	52.685	6.841	0.0	51.251	8.232	0.0	45.358	5.676	0.0	52.03	8.45	0.0	50.876	6.59	0.0	50.132	6.919	0.0	45.288	5.235	0.0	45.163	5.394
10	1971	1972	SN	1	0.0	48.929	2.253	0.0	48.43	3.312	0.0	40.836	2.087	0.0	51.034	3.896	0.0	45.984	2.336	0.0	46.595	2.895	0.0	44.432	2.069	0.0	46.293	2.646
11	1971	1972	SN	1	0.0	51.196	7.803	0.0	50.98	9.765	0.0	43.933	6.274	0.0	45.855	9.693	0.0	47.848	7.621	0.0	52.007	9.082	0.0	44.705	6.445	0.0	46.801	7.914
12	1971	1972	NS	1	0.0	50.952	3.679	0.0	49.041	4.577	0.0	45.841	3.217	0.0	49.563	5.446	0.0	56.387	3.378	0.0	52.789	3.724	0.0	47.047	3.118	0.0	42.419	3.562
13	1971	1972	NS	1	0.0	50.952	3.679	0.0	49.041	4.577	0.0	45.841	3.217	0.0	49.563	5.446	0.0	56.387	3.378	0.0	52.789	3.724	0.0	47.047	3.118	0.0	42.419	3.562
14	1971	1972	NS	1	0.0	48.084	1.085	0.0	44.648	1.238	0.0	41.794	1.026	0.0	45.137	1.76	0.0	52.672	0.981	0.0	47.265	0.988	0.0	40.079	0.912	0.0	45.393	1.037
15	1971	1972	NS	1	0.0	48.084	1.085	0.0	44.648	1.238	0.0	41.794	1.026	0.0	45.137	1.76	0.0	52.672	0.981	0.0	47.265	0.988	0.0	40.079	0.912	0.0	45.393	1.037
16	1971	1972	SN	1	0.0	48.929	2.253	0.0	48.43	3.312	0.0	40.836	2.087	0.0	51.034	3.896	0.0	45.984	2.336	0.0	46.595	2.895	0.0	44.432	2.069	0.0	46.293	2.646
17	1971	1972	SN	1	0.0	51.196	7.803	0.0	50.98	9.765	0.0	43.933	6.274	0.0	45.855	9.693	0.0	47.848	7.621	0.0	52.007	9.082	0.0	44.705	6.445	0.0	46.801	7.914
18	1972	1973	SN	1	0.0	48.811	1.418	0.0	48.195	2.597	0.0	45.316	1.732	0.0	47.844	3.577	0.0	51.258	1.409	0.0	44.226	2.118	0.0	42.803	1.554	0.0	44.82	2.076
19	1972	1973	SN	1	0.0	55.587	4.402	0.0	52.657	6.532	0.0	46.421	4.527	0.0	48.118	8.271	0.0	55.815	4.394	0.0	53.913	5.915	0.0	44.925	4.328	0.0	45.293	5.571
20	1972	1973	NS	1	0.0	43.099	1.856	0.0	46.74	2.442	0.0	38.65	1.789	0.0	38.842	2.631	0.0	41.568	1.971	0.0	47.38	2.342	0.0	37.175	1.977	0.0	36.177	1.966
21	1972	1973	NS	1	0.0	42.807	5.936	0.0	52.535	7.287	0.0	40.216	5.022	0.0	42.026	7.323	0.0	45.511	6.12	0.0	54.375	7.062	0.0	40.363	5.547	0.0	41.523	5.894
22	1972	1973	SN	1	0.0	55.587	4.402	0.0	52.657	6.532	0.0	46.421	4.527	0.0	48.118	8.271	0.0	55.815	4.394	0.0	53.913	5.915	0.0	44.925	4.328	0.0	45.293	5.571
23	1972	1973	SN	1	0.0	48.811	1.418	0.0	48.195	2.597	0.0	45.316	1.732	0.0	47.844	3.577	0.0	51.258	1.409	0.0	44.226	2.118	0.0	42.803	1.554	0.0	44.82	2.076
24	1972	1973	NS	1	0.0	43.099	1.856	0.0	46.74	2.442	0.0	38.65	1.789	0.0	38.842	2.631	0.0	41.568	1.971	0.0	47.38	2.342	0.0	37.175	1.977	0.0	36.177	1.966
25	1972	1973	NS	1	0.0	42.807	5.936	0.0	52.535	7.287	0.0	40.216	5.022	0.0	42.026	7.323	0.0	45.511	6.12	0.0	54.375	7.062	0.0	40.363	5.547	0.0	41.523	5.894
26	1973	1974	NS	1	0.0	56.8	1.447	0.0	54.362	2.072	0.0	42.58	1.467	0.0	44.464	2.479	0.0	55.548	1.354	0.0	56.967	1.713	0.0	41.159	1.385	0.0	39.198	1.625
27	1973	1974	NS	1	0.0	48.556	4.891	0.0	53.591	7.03	0.0	50.585	4.482	0.0	45.804	7.139	0.0	53.75	4.615	0.0	53.103	6.026	0.0	47.822	4.411	0.0	43.864	4.999
28	1973	1974	SN	1	0.0	41.088	2.345	0.0	42.671	3.463	0.0	41.368	2.329	0.0	43.763	4.259	0.0	40.931	2.121	0.0	41.788	2.688	0.0	44.547	2.12	0.0	42.273	2.598
29	1973	1974	NS	1	0.0	48.556	4.891	0.0	53.591	7.03	0.0	50.585	4.482	0.0	45.804	7.139	0.0	53.75	4.615	0.0	53.103	6.026	0.0	47.822	4.411	0.0	43.864	4.999
30	1973	1974	NS	1	0.0	56.8	1.447	0.0	54.362	2.072	0.0	42.58	1.467	0.0	44.464	2.479	0.0	55.548	1.354	0.0	56.967	1.713	0.0	41.159	1.385	0.0	39.198	1.625
31	1973	1974	SN	1	0.0	42.883	6.675	0.0	46.791	8.849	0.0	42.219	5.735	0.0	44.116	9.678	0.0	43.938	6.41	0.0	47.339	7.399	0.0	41.181	5.337	0.0	41.414	6.9

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0	Alarming	High Errors

32	1973	1974	SN	1	0.0	42.883	6.675	0.0	46.791	8.849	0.0	42.219	5.735	0.0	44.116	9.678	0.0	43.938	6.41	0.0	47.339	7.399	0.0	41.181	5.337	0.0	41.414	6.9
33	1973	1974	SN	1	0.0	41.088	2.345	0.0	42.671	3.463	0.0	41.368	2.329	0.0	43.763	4.259	0.0	40.931	2.121	0.0	41.788	2.688	0.0	44.547	2.12	0.0	42.273	2.598
34	1974	1975	NS	1	0.0	51.603	4.457	0.0	46.826	5.411	0.0	40.941	4.219	0.0	45.158	5.569	0.0	54.446	4.54	0.0	48.608	4.515	0.0	39.236	3.935	0.0	42.202	3.834
35	1974	1975	SN	1	0.0	44.153	1.609	0.0	41.539	3.029	0.0	42.823	2.201	0.0	50.605	4.398	0.0	42.353	1.389	0.0	39.63	2.353	0.0	38.678	2.052	0.0	46.432	2.642
36	1974	1975	SN	1	0.0	44.153	1.609	0.0	41.539	3.029	0.0	42.823	2.201	0.0	50.605	4.398	0.0	42.353	1.389	0.0	39.63	2.353	0.0	38.678	2.052	0.0	46.432	2.642
37	1974	1975	NS	1	0.0	44.679	1.263	0.0	45.109	1.496	0.0	40.493	1.203	0.0	40.845	1.786	0.0	47.859	1.282	0.0	42.545	1.192	0.0	39.791	1.146	0.0	38.758	1.119
38	1974	1975	NS	1	0.0	51.603	4.457	0.0	46.826	5.411	0.0	40.941	4.219	0.0	45.158	5.569	0.0	54.446	4.54	0.0	48.608	4.515	0.0	39.236	3.935	0.0	42.202	3.834
39	1974	1975	SN	1	0.0	42.386	4.655	0.0	54.789	7.19	0.0	43.229	5.452	0.0	41.526	9.606	0.0	41.147	4.191	0.0	52.585	5.999	0.0	39.031	5.431	0.0	40.537	6.45
40	1974	1975	NS	1	0.0	44.679	1.263	0.0	45.109	1.496	0.0	40.493	1.203	0.0	40.845	1.786	0.0	47.859	1.282	0.0	42.545	1.192	0.0	39.791	1.146	0.0	38.758	1.119
41	1974	1975	SN	1	0.0	42.386	4.655	0.0	54.789	7.19	0.0	43.229	5.452	0.0	41.526	9.606	0.0	41.147	4.191	0.0	52.585	5.999	0.0	39.031	5.431	0.0	40.537	6.45
42	1975	1976	SN	1	0.0	39.298	1.675	0.0	39.45	2.85	0.0	48.299	2.078	0.0	48.905	4.256	0.0	41.181	1.496	0.0	37.646	2.261	0.0	49.707	1.705	0.0	43.769	2.64
43	1975	1976	SN	1	0.0	41.353	5.128	0.0	47.247	7.379	0.0	45.236	5.351	0.0	47.245	9.289	0.0	42.162	4.58	0.0	50.613	6.225	0.0	43.252	4.761	0.0	43.238	6.698
44	1975	1976	NS	1	0.0	51.299	1.778	0.0	45.03	1.957	0.0	41.701	1.742	0.0	43.873	2.535	0.0	48.676	1.589	0.0	43.214	1.387	0.0	44.555	1.532	0.0	43.639	1.399
45	1975	1976	NS	1	0.0	57.024	5.585	0.0	50.571	6.598	0.0	41.512	5.091	0.0	42.247	7.39	0.0	54.747	5.242	0.0	51.559	5.151	0.0	45.2	4.736	0.0	39.149	4.534
46	1975	1976	NS	1	0.0	51.299	1.778	0.0	45.03	1.957	0.0	41.701	1.742	0.0	43.873	2.535	0.0	48.676	1.589	0.0	43.214	1.387	0.0	44.555	1.532	0.0	43.639	1.399
47	1975	1976	SN	1	0.0	39.298	1.675	0.0	39.45	2.85	0.0	48.299	2.078	0.0	48.905	4.256	0.0	41.181	1.496	0.0	37.646	2.261	0.0	49.707	1.705	0.0	43.769	2.64
48	1975	1976	SN	1	0.0	41.353	5.128	0.0	47.247	7.379	0.0	45.236	5.351	0.0	47.245	9.289	0.0	42.162	4.58	0.0	50.613	6.225	0.0	43.252	4.761	0.0	43.238	6.698
49	1975	1976	NS	1	0.0	57.024	5.585	0.0	50.571	6.598	0.0	41.512	5.091	0.0	42.247	7.39	0.0	54.747	5.242	0.0	51.559	5.151	0.0	45.2	4.736	0.0	39.149	4.534
50	1976	1977	SN	1	0.0	50.264	7.784	0.0	52.983	9.819	0.0	47.44	6.218	0.0	51.207	9.737	0.0	51.804	7.443	0.0	51.637	8.884	0.0	45.309	5.898	0.0	47.161	7.449
51	1976	1977	NS	1	0.0	47.53	5.678	0.0	49.018	7.234	0.0	41.812	4.531	0.0	44.68	7.668	0.0	46.564	5.134	0.0	48.03	5.695	0.0	42.717	4.154	0.0	44.336	4.633
52	1976	1977	SN	1	0.0	50.264	7.784	0.0	52.983	9.819	0.0	47.44	6.218	0.0	51.207	9.737	0.0	51.804	7.443	0.0	51.637	8.884	0.0	45.309	5.898	0.0	47.161	7.449
53	1976	1977	NS	1	0.0	41.07	1.596	0.0	49.687	2.131	0.0	39.196	1.444	0.0	44.08	2.717	0.0	40.301	1.403	0.0	45.922	1.504	0.0	40.065	1.272	0.0	42.218	1.465
54	1976	1977	NS	1	0.0	41.07	1.596	0.0	49.687	2.131	0.0	39.196	1.444	0.0	44.08	2.717	0.0	40.301	1.403	0.0	45.922	1.504	0.0	40.065	1.272	0.0	42.218	1.465
55	1976	1977	SN	1	0.0	55.723	2.289	0.0	48.075	3.586	0.0	46.274	1.991	0.0	50.93	3.984	0.0	55.531	2.103	0.0	43.521	2.864	0.0	43.157	1.833	0.0	45.484	2.629
56	1976	1977	SN	1	0.0	55.723	2.289	0.0	48.075	3.586	0.0	46.274	1.991	0.0	50.93	3.984	0.0	55.531	2.103	0.0	43.521	2.864	0.0	43.157	1.833	0.0	45.484	2.629
57	1976	1977	NS	1	0.0	47.53	5.678	0.0	49.018	7.234	0.0	41.812	4.531	0.0	44.68	7.668	0.0	46.564	5.134	0.0	48.03	5.695	0.0	42.717	4.154	0.0	44.336	4.633
58	1977	1978	NS	1	0.0	36.497	0.555	0.0	45.37	0.797	0.0	41.514	0.648	0.0	45.126	1.362	0.0	37.711	0.477	0.0	43.21	0.5	0.0	42.848	0.567	0.0	40.963	0.588
59	1977	1978	SN	1	0.0	48.44	1.98	0.0	49.159	2.756	0.0	48.907	1.686	0.0	48.562	3.309	0.0	50.174	1.907	0.0	49.465	2.153	0.0	44.391	1.398	0.0	43.631	2.084
60	1977	1978	SN	1	0.0	50.511	7.194	0.0	54.139	8.293	0.0	49.524	5.415	0.0	49.263	8.437	0.0	48.456	6.829	0.0	56.314	7.282	0.0	49.533	4.826	0.0	44.726	6.185
61	1977	1978	NS	1	0.0	43.786	2.132	0.0	44.165	2.86	0.0	44.956	2.088	0.0	41.761	3.646	0.0	41.418	2.082	0.0	45.307	2.224	0.0	44.467	2.003	0.0	38.785	1.898
62	1977	1978	NS	1	0.0	43.786	2.132	0.0	44.165	2.86	0.0	44.956	2.088	0.0	41.761	3.646	0.0	41.418	2.082	0.0	45.307	2.224	0.0	44.467	2.003	0.0	38.785	1.898
63	1977	1978	SN	1	0.0	48.44	1.98	0.0	49.159	2.756	0.0	48.907	1.686	0.0	48.562	3.309	0.0	50.174	1.907	0.0	49.465	2.153	0.0	44.391	1.398	0.0	43.631	2.084
64	1977	1978	NS	1	0.0	36.497	0.555	0.0	45.37	0.797	0.0	41.514	0.648	0.0	45.126	1.362	0.0	37.711	0.477	0.0	43.21	0.5	0.0	42.848	0.567	0.0	40.963	0.588
65	1977	1978	SN	1	0.0	50.511	7.194	0.0	54.139	8.293	0.0	49.524	5.415	0.0	49.263	8.437	0.0	48.456	6.829	0.0	56.314	7.282	0.0	49.533	4.826	0.0	44.726	6.185
66	1978	1979	NS	1	0.0	52.832	1.306	0.0	46.63	1.633	0.0	44.501	1.107	0.0	42.307	1.993	0.0	55.795	1.314	0.0	45.754	1.271	0.0	42.573	1.038	0.0	37.696	1.088
67	1978	1979	SN	1	0.0	48.591	5.201	0.0	52.861	7.949	0.0	44.309	4.372	0.0	45.816	8.162	0.0	50.25	4.587	0.0	51.236	6.692	0.0	46.815	3.952	0.0	43.146	5.601

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	1978	1979	NS	1	0.0	57.199	4.515	0.0	49.397	5.117	0.0	47.038	3.948	0.0	46.261	5.864	0.0	57.921	4.439	0.0	52.816	4.298	0.0	46.451	3.622	0.0	40.848	3.724
69	1978	1979	NS	1	0.0	52.832	1.306	0.0	46.63	1.633	0.0	44.501	1.107	0.0	42.307	1.993	0.0	55.795	1.314	0.0	45.754	1.271	0.0	42.573	1.038	0.0	37.696	1.088
70	1978	1979	NS	1	0.0	57.199	4.515	0.0	49.397	5.117	0.0	47.038	3.948	0.0	46.261	5.864	0.0	57.921	4.439	0.0	52.816	4.298	0.0	46.451	3.622	0.0	40.848	3.724
71	1978	1979	SN	1	0.0	48.591	5.201	0.0	52.861	7.949	0.0	44.309	4.372	0.0	45.816	8.162	0.0	50.25	4.587	0.0	51.236	6.692	0.0	46.815	3.952	0.0	43.146	5.601
72	1979	1980	NS	1	0.0	51.965	1.748	0.0	45.329	2.046	0.0	38.497	1.659	0.0	39.764	2.566	0.0	47.71	1.748	0.0	42.071	1.81	0.0	40.39	1.837	0.0	43.54	1.709
73	1979	1980	NS	1	0.0	51.965	1.748	0.0	45.329	2.046	0.0	38.497	1.659	0.0	39.764	2.566	0.0	47.71	1.748	0.0	42.071	1.81	0.0	40.39	1.837	0.0	43.54	1.709
74	1979	1980	NS	1	0.0	52.306	5.476	0.0	50.915	6.74	0.0	43.998	5.111	0.0	42.007	7.391	0.0	51.755	5.426	0.0	45.995	5.78	0.0	46.433	5.409	0.0	41.288	5.554
75	1979	1980	NS	1	0.0	51.965	1.748	0.0	45.329	2.046	0.0	38.497	1.659	0.0	39.764	2.566	0.0	47.71	1.748	0.0	42.071	1.81	0.0	40.39	1.837	0.0	43.54	1.709
76	1979	1980	SN	1	0.0	55.093	7.359	0.0	50.192	9.74	0.0	46.61	5.766	0.0	50.168	10.124	0.0	53.366	7.177	0.0	47.836	8.616	0.0	51.454	5.716	0.0	48.943	7.805
77	1979	1980	SN	1	0.0	55.093	7.359	0.0	50.192	9.74	0.0	46.61	5.766	0.0	50.168	10.124	0.0	53.366	7.177	0.0	47.836	8.616	0.0	51.454	5.716	0.0	48.943	7.805
78	1979	1980	SN	1	0.0	50.033	2.337	0.0	49.617	3.816	0.0	44.687	2.311	0.0	50.257	4.434	0.0	49.867	2.289	0.0	47.019	3.13	0.0	42.282	2.045	0.0	47.005	2.998
79	1979	1980	SN	1	0.0	50.033	2.337	0.0	49.617	3.816	0.0	44.687	2.311	0.0	50.257	4.434	0.0	49.867	2.289	0.0	47.019	3.13	0.0	42.282	2.045	0.0	47.005	2.998
80	1979	1980	NS	1	0.0	52.306	5.476	0.0	50.915	6.74	0.0	43.998	5.111	0.0	42.007	7.391	0.0	51.755	5.426	0.0	45.995	5.78	0.0	46.433	5.409	0.0	41.288	5.554
81	1980	1981	SN	1	0.0	49.816	2.282	0.0	43.873	3.639	0.0	44.1	2.409	0.0	44.206	3.872	0.0	48.898	2.197	0.0	45.598	3.184	0.0	41.898	2.12	0.0	41.015	2.732
82	1980	1981	SN	1	0.0	50.539	7.364	0.0	47.951	9.627	0.0	48.008	6.595	0.0	45.457	9.399	0.0	51.645	7.289	0.0	48.051	8.636	0.0	47.284	6.673	0.0	41.987	7.344
83	1980	1981	NS	1	0.0	47.292	4.898	0.0	44.198	6.257	0.0	42.043	4.811	0.0	40.411	7.89	0.0	48.118	4.99	0.0	45.416	5.387	0.0	45.45	4.974	0.0	38.546	5.487
84	1980	1981	NS	1	0.0	45.432	1.623	0.0	46.761	2.34	0.0	39.868	1.778	0.0	39.402	2.956	0.0	46.935	1.608	0.0	46.975	1.837	0.0	41.618	1.808	0.0	37.995	1.944
85	1980	1981	NS	1	0.0	45.432	1.623	0.0	46.761	2.34	0.0	39.868	1.778	0.0	39.402	2.956	0.0	46.935	1.608	0.0	46.975	1.837	0.0	41.618	1.808	0.0	37.995	1.944
86	1980	1981	SN	1	0.0	49.816	2.282	0.0	43.873	3.639	0.0	44.1	2.409	0.0	44.206	3.872	0.0	48.898	2.197	0.0	45.598	3.184	0.0	41.898	2.12	0.0	41.015	2.732
87	1980	1981	NS	1	0.0	47.292	4.898	0.0	44.198	6.257	0.0	42.043	4.811	0.0	40.411	7.89	0.0	48.118	4.99	0.0	45.416	5.387	0.0	45.45	4.974	0.0	38.546	5.487
88	1980	1981	SN	1	0.0	50.539	7.364	0.0	47.951	9.627	0.0	48.008	6.595	0.0	45.457	9.399	0.0	51.645	7.289	0.0	48.051	8.636	0.0	47.284	6.673	0.0	41.987	7.344
89	1981	1982	SN	1	0.0	52.76	1.576	0.0	49.004	2.985	0.0	47.897	1.79	0.0	44.713	3.441	0.0	51.59	1.413	0.0	50.372	2.607	0.0	48.356	1.398	0.0	42.332	2.299
90	1981	1982	SN	1	0.0	52.76	1.576	0.0	49.004	2.985	0.0	47.897	1.79	0.0	44.713	3.441	0.0	51.59	1.413	0.0	50.372	2.607	0.0	48.356	1.398	0.0	42.332	2.299
91	1981	1982	SN	1	0.0	52.029	5.016	0.0	48.099	7.601	0.0	44.294	5.102	0.0	44.561	8.079	0.0	51.818	4.419	0.0	49.242	6.669	0.0	47.739	4.484	0.0	43.249	6.052
92	1981	1982	SN	1	0.0	52.029	5.016	0.0	48.099	7.601	0.0	44.294	5.102	0.0	44.561	8.079	0.0	51.818	4.419	0.0	49.242	6.669	0.0	47.739	4.484	0.0	43.249	6.052
93	1981	1982	NS	1	0.0	47.968	5.909	0.0	44.425	8.054	0.0	40.394	5.45	0.0	51.623	8.84	0.0	47.48	5.767	0.0	42.851	6.715	0.0	41.497	5.486	0.0	47.922	5.775
94	1981	1982	NS	1	0.0	38.666	1.703	0.0	42.434	2.604	0.0	39.054	1.994	0.0	39.427	3.413	0.0	39.198	1.584	0.0	40.398	2.056	0.0	37.127	1.907	0.0	35.703	2.103
95	1981	1982	NS	1	0.0	38.666	1.703	0.0	42.434	2.604	0.0	39.054	1.994	0.0	39.427	3.413	0.0	39.198	1.584	0.0	40.398	2.056	0.0	37.127	1.907	0.0	35.703	2.103
96	1981	1982	NS	1	0.0	47.968	5.909	0.0	44.425	8.054	0.0	40.394	5.45	0.0	51.623	8.84	0.0	47.48	5.767	0.0	42.851	6.715	0.0	41.497	5.486	0.0	47.922	5.775
97	1982	1983	NS	1	0.0	47.776	4.957	0.0	47.083	6.901	0.0	47.533	4.797	0.0	47.108	8.365	0.0	49.359	4.622	0.0	49.32	5.688	0.0	48.72	4.691	0.0	41.795	5.664
98	1982	1983	SN	1	0.0	48.416	1.833	0.0	53.723	3.919	0.0	42.751	2.079	0.0	44.981	3.839	0.0	50.051	1.687	0.0	49.208	3.232	0.0	44.39	1.785	0.0	42.113	2.454
99	1982	1983	NS	1	0.0	44.124	1.585	0.0	48.963	2.308	0.0	42.703	1.654	0.0	43.381	3.078	0.0	42.858	1.451	0.0	49.08	1.823	0.0	45.846	1.542	0.0	36.646	1.864
100	1982	1983	SN	1	0.0	48.585	5.472	0.0	53.571	9.175	0.0	48.266	5.215	0.0	49.479	8.928	0.0	48.665	5.124	0.0	49.927	7.959	0.0	43.555	5.18	0.0	45.912	6.552
101	1982	1983	SN	1	0.0	48.416	1.833	0.0	53.723	3.919	0.0	42.751	2.079	0.0	44.981	3.839	0.0	50.051	1.687	0.0	49.208	3.232	0.0	44.39	1.785	0.0	42.113	2.454
102	1982	1983	NS	1	0.0	44.124	1.585	0.0	48.963	2.308	0.0	42.703	1.654	0.0	43.381	3.078	0.0	42.858	1.451	0.0	49.08	1.823	0.0	45.846	1.542	0.0	36.646	1.864
103	1982	1983	SN	1	0.0	48.585	5.472	0.0	53.571	9.175	0.0	48.266	5.215	0.0	49.479	8.928	0.0	48.665	5.124	0.0	49.927	7.959	0.0	43.555	5.18	0.0	45.912	6.552

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	1982	1983	NS	1	0.0	47.776	4.957	0.0	47.083	6.901	0.0	47.533	4.797	0.0	47.108	8.365	0.0	49.359	4.622	0.0	49.32	5.688	0.0	48.72	4.691	0.0	41.795	5.664
105	1983	1984	NS	1	0.0	43.12	1.523	0.0	40.92	2.054	0.0	40.225	1.521	0.0	44.294	2.826	0.0	38.688	1.362	0.0	42.341	1.564	0.0	40.934	1.429	0.0	37.877	1.655
106	1983	1984	NS	1	0.0	47.9	4.329	0.0	51.767	5.646	0.0	41.491	4.23	0.0	43.718	7.256	0.0	48.045	4.371	0.0	51.129	4.592	0.0	39.235	4.294	0.0	40.261	4.811
107	1983	1984	SN	1	0.0	41.413	1.806	0.0	52.016	3.873	0.0	43.113	2.349	0.0	43.115	4.496	0.0	42.382	1.65	0.0	50.626	3.165	0.0	38.025	2.118	0.0	40.591	2.865
108	1983	1984	NS	1	0.0	47.9	4.329	0.0	51.767	5.646	0.0	41.491	4.23	0.0	43.718	7.256	0.0	48.045	4.371	0.0	51.129	4.592	0.0	39.235	4.294	0.0	40.261	4.811
109	1983	1984	SN	1	0.0	43.215	5.68	0.0	47.541	9.201	0.0	40.474	5.926	0.0	47.275	9.746	0.0	44.019	5.324	0.0	48.142	7.98	0.0	38.486	5.649	0.0	44.67	7.198
110	1983	1984	NS	1	0.0	47.9	4.329	0.0	51.767	5.646	0.0	41.491	4.23	0.0	43.718	7.256	0.0	48.045	4.371	0.0	51.129	4.592	0.0	39.235	4.294	0.0	40.261	4.811
111	1983	1984	NS	1	0.0	43.12	1.523	0.0	40.92	2.054	0.0	40.225	1.521	0.0	44.294	2.826	0.0	38.688	1.362	0.0	42.341	1.564	0.0	40.934	1.429	0.0	37.877	1.655
112	1983	1984	SN	1	0.0	43.215	5.68	0.0	47.541	9.201	0.0	40.474	5.926	0.0	47.275	9.746	0.0	44.019	5.324	0.0	48.142	7.98	0.0	38.486	5.649	0.0	44.67	7.198
113	1983	1984	SN	1	0.0	41.413	1.806	0.0	52.016	3.873	0.0	43.113	2.349	0.0	43.115	4.496	0.0	42.382	1.65	0.0	50.626	3.165	0.0	38.025	2.118	0.0	40.591	2.865
114	1984	1985	SN	1	0.0	46.866	1.16	0.0	50.814	2.728	0.0	45.657	1.279	0.0	48.082	3.169	0.0	44.88	0.929	0.0	48.813	2.196	0.0	44.421	1.082	0.0	45.137	2.03
115	1984	1985	NS	1	0.0	43.133	1.616	0.0	47.491	1.583	0.0	45.367	1.451	0.0	45.827	1.938	0.0	44.311	1.544	0.0	45.945	1.392	0.0	41.785	1.513	0.0	39.924	1.309
116	1984	1985	NS	1	0.0	43.133	1.616	0.0	47.491	1.583	0.0	45.367	1.451	0.0	45.827	1.938	0.0	44.311	1.544	0.0	45.945	1.392	0.0	41.785	1.513	0.0	39.924	1.309
117	1984	1985	SN	1	0.0	46.866	1.16	0.0	50.814	2.728	0.0	45.657	1.279	0.0	48.082	3.169	0.0	44.88	0.929	0.0	48.813	2.196	0.0	44.421	1.082	0.0	45.137	2.03
118	1984	1985	NS	1	0.0	47.688	5.301	0.0	48.857	5.662	0.0	45.134	4.526	0.0	50.223	6.04	0.0	49.064	5.242	0.0	46.951	4.885	0.0	47.844	4.575	0.0	48.987	4.385
119	1984	1985	NS	1	0.0	47.688	5.301	0.0	48.857	5.662	0.0	45.134	4.526	0.0	50.223	6.04	0.0	49.064	5.242	0.0	46.951	4.885	0.0	47.844	4.575	0.0	48.987	4.385
120	1984	1985	SN	1	0.0	48.075	3.373	0.0	52.238	6.621	0.0	45.496	3.452	0.0	48.778	6.912	0.0	48.972	2.942	0.0	49.812	5.496	0.0	40.884	3.09	0.0	45.427	4.948
121	1984	1985	SN	1	0.0	48.075	3.373	0.0	52.238	6.621	0.0	45.496	3.452	0.0	48.778	6.912	0.0	48.972	2.942	0.0	49.812	5.496	0.0	40.884	3.09	0.0	45.427	4.948
122	1985	1986	SN	1	0.0	51.096	6.81	0.0	54.615	9.384	0.0	47.932	5.935	0.0	49.377	9.204	0.0	49.173	6.843	0.0	55.803	8.351	0.0	45.165	6.021	0.0	47.83	7.647
123	1985	1986	NS	1	0.0	51.761	0.852	0.0	49.442	1.21	0.0	39.238	0.616	0.0	45.374	1.422	0.0	50.548	0.74	0.0	49.423	0.848	0.0	39.715	0.519	0.0	37.832	0.583
124	1985	1986	NS	1	0.0	47.479	3.494	0.0	47.938	4.802	0.0	47.256	2.208	0.0	47.378	4.657	0.0	47.778	3.076	0.0	46.111	3.79	0.0	48.477	2.016	0.0	45.086	2.538
125	1985	1986	NS	1	0.0	51.761	0.852	0.0	49.442	1.21	0.0	39.238	0.616	0.0	45.374	1.422	0.0	50.548	0.74	0.0	49.423	0.848	0.0	39.715	0.519	0.0	37.832	0.583
126	1985	1986	SN	1	0.0	44.396	2.103	0.0	48.396	3.409	0.0	46.52	2.208	0.0	51.532	3.874	0.0	44.867	2.132	0.0	46.207	2.969	0.0	44.626	2.027	0.0	49.686	2.879
127	1985	1986	SN	1	0.0	51.096	6.81	0.0	54.615	9.384	0.0	47.932	5.935	0.0	49.377	9.204	0.0	49.173	6.843	0.0	55.803	8.351	0.0	45.165	6.021	0.0	47.83	7.647
128	1985	1986	SN	1	0.0	44.396	2.103	0.0	48.396	3.409	0.0	46.52	2.208	0.0	51.532	3.874	0.0	44.867	2.132	0.0	46.207	2.969	0.0	44.626	2.027	0.0	49.686	2.879
129	1985	1986	NS	1	0.0	47.479	3.494	0.0	47.938	4.802	0.0	47.256	2.208	0.0	47.378	4.657	0.0	47.778	3.076	0.0	46.111	3.79	0.0	48.477	2.016	0.0	45.086	2.538
130	1986	1987	SN	1	0.0	40.62	1.918	0.0	45.51	3.34	0.0	41.897	2.052	0.0	47.57	4.184	0.0	43.626	2.096	0.0	45.537	3.098	0.0	37.432	2.157	0.0	45.561	3.062
131	1986	1987	NS	1	0.0	55.132	3.885	0.0	50.862	5.378	0.0	43.115	3.663	0.0	47.227	6.129	0.0	54.907	3.668	0.0	51.454	4.684	0.0	43.309	3.791	0.0	49.525	3.918
132	1986	1987	SN	1	0.0	47.966	5.365	0.0	51.673	8.589	0.0	47.148	5.668	0.0	44.38	9.286	0.0	50.69	5.837	0.0	51.444	8.278	0.0	46.369	6.25	0.0	45.362	7.719
133	1986	1987	SN	1	0.0	47.966	5.365	0.0	51.673	8.589	0.0	47.148	5.668	0.0	44.38	9.286	0.0	50.69	5.837	0.0	51.444	8.278	0.0	46.369	6.25	0.0	45.362	7.719
134	1986	1987	SN	1	0.0	40.62	1.918	0.0	45.51	3.34	0.0	41.897	2.052	0.0	47.57	4.184	0.0	43.626	2.096	0.0	45.537	3.098	0.0	37.432	2.157	0.0	45.561	3.062
135	1986	1987	NS	1	0.0	51.936	1.254	0.0	45.448	1.829	0.0	43.361	1.401	0.0	43.482	2.264	0.0	50.731	1.178	0.0	42.961	1.511	0.0	42.259	1.274	0.0	37.57	1.285
136	1986	1987	NS	1	0.0	51.936	1.254	0.0	45.448	1.829	0.0	43.361	1.401	0.0	43.482	2.264	0.0	50.731	1.178	0.0	42.961	1.511	0.0	42.259	1.274	0.0	37.57	1.285
137	1987	1988	SN	1	0.0	41.913	2.032	0.0	51.204	3.702	0.0	42.397	2.397	0.0	50.394	4.642	0.0	40.164	1.869	0.0	51.357	2.994	0.0	39.096	2.154	0.0	45.361	2.979
138	1987	1988	SN	1	0.0	41.33	5.598	0.0	50.79	8.91	0.0	41.47	6.106	0.0	50.644	9.911	0.0	44.273	5.374	0.0	51.156	7.578	0.0	39.66	5.985	0.0	46.891	7.005
139	1987	1988	NS	1	0.0	46.158	7.447	0.0	55.909	9.406	0.0	50.073	6.485	0.0	41.927	8.946	0.0	47.469	7.522	0.0	53.731	8.678	0.0	51.213	7.117	0.0	38.439	7.632

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	1987	1988	NS	1	0.0	48.582	2.416	0.0	50.768	2.862	0.0	48.088	2.105	0.0	39.328	3.193	0.0	44.749	2.462	0.0	48.001	2.66	0.0	49.75	2.41	0.0	36.952	2.56
141	1987	1988	NS	1	0.0	48.582	2.416	0.0	50.768	2.862	0.0	48.088	2.105	0.0	39.328	3.193	0.0	44.749	2.462	0.0	48.001	2.66	0.0	49.75	2.41	0.0	36.952	2.56
142	1987	1988	SN	1	0.0	41.913	2.032	0.0	51.204	3.702	0.0	42.397	2.397	0.0	50.394	4.642	0.0	40.164	1.869	0.0	51.357	2.994	0.0	39.096	2.154	0.0	45.361	2.979
143	1987	1988	SN	1	0.0	41.33	5.598	0.0	50.79	8.91	0.0	41.47	6.106	0.0	50.644	9.911	0.0	44.273	5.374	0.0	51.156	7.578	0.0	39.66	5.985	0.0	46.891	7.005
144	1987	1988	NS	1	0.0	46.158	7.447	0.0	55.909	9.406	0.0	50.073	6.485	0.0	41.927	8.946	0.0	47.469	7.522	0.0	53.731	8.678	0.0	51.213	7.117	0.0	38.439	7.632
145	1988	1989	NS	1	0.0	53.286	6.043	0.0	48.314	7.166	0.0	49.128	5.172	0.0	39.758	7.588	0.0	53.302	5.859	0.0	47.398	6.165	0.0	53.535	5.37	0.0	38.756	5.543
146	1988	1989	NS	1	0.0	49.178	1.751	0.0	44.555	2.025	0.0	38.025	1.634	0.0	45.138	2.43	0.0	49.859	1.751	0.0	42.416	1.684	0.0	38.06	1.809	0.0	41.453	1.667
147	1988	1989	SN	1	0.0	45.958	7.418	0.0	51.682	9.887	0.0	41.455	6.53	0.0	50.228	10.435	0.0	47.631	6.929	0.0	49.825	8.687	0.0	43.537	6.345	0.0	46.83	7.378
148	1988	1989	SN	1	0.0	48.641	2.432	0.0	43.714	3.999	0.0	46.828	2.629	0.0	50.876	4.703	0.0	44.524	2.129	0.0	42.33	3.236	0.0	42.794	2.398	0.0	47.836	2.986
149	1988	1989	NS	1	0.0	49.178	1.751	0.0	44.555	2.025	0.0	38.025	1.634	0.0	45.138	2.43	0.0	49.859	1.751	0.0	42.416	1.684	0.0	38.06	1.809	0.0	41.453	1.667
150	1988	1989	SN	1	0.0	48.641	2.432	0.0	43.714	3.999	0.0	46.828	2.629	0.0	50.876	4.703	0.0	44.524	2.129	0.0	42.33	3.236	0.0	42.794	2.398	0.0	47.836	2.986
151	1988	1989	SN	1	0.0	45.958	7.418	0.0	51.682	9.887	0.0	41.455	6.53	0.0	50.228	10.435	0.0	47.631	6.929	0.0	49.825	8.687	0.0	43.537	6.345	0.0	46.83	7.378
152	1988	1989	NS	1	0.0	53.286	6.043	0.0	48.314	7.166	0.0	49.128	5.172	0.0	39.758	7.588	0.0	53.302	5.859	0.0	47.398	6.165	0.0	53.535	5.37	0.0	38.756	5.543
153	1989	1990	NS	1	0.0	45.344	1.734	0.0	48.3	1.879	0.0	47.349	1.673	0.0	43.658	2.586	0.0	47.826	1.774	0.0	46.721	1.636	0.0	46.336	1.783	0.0	39.927	1.76
154	1989	1990	SN	1	0.0	42.066	2.077	0.0	39.52	3.259	0.0	45.067	2.442	0.0	48.91	4.45	0.0	41.337	2.031	0.0	40.296	2.727	0.0	45.874	2.341	0.0	44.859	2.874
155	1989	1990	NS	1	0.0	51.574	6.018	0.0	51.719	6.891	0.0	46.26	5.768	0.0	46.359	7.733	0.0	55.886	6.185	0.0	55.138	5.845	0.0	46.556	5.875	0.0	44.311	5.836
156	1989	1990	NS	1	0.0	45.344	1.734	0.0	48.3	1.879	0.0	47.349	1.673	0.0	43.658	2.586	0.0	47.826	1.774	0.0	46.721	1.636	0.0	46.336	1.783	0.0	39.927	1.76
157	1989	1990	SN	1	0.0	44.68	6.382	0.0	48.056	8.419	0.0	45.98	6.182	0.0	49.015	10.028	0.0	44.103	6.249	0.0	47.94	7.395	0.0	50.752	6.203	0.0	45.569	7.449
158	1989	1990	NS	1	0.0	51.574	6.018	0.0	51.719	6.891	0.0	46.26	5.768	0.0	46.359	7.733	0.0	55.886	6.185	0.0	55.138	5.845	0.0	46.556	5.875	0.0	44.311	5.836
159	1989	1990	SN	1	0.0	42.066	2.077	0.0	39.52	3.259	0.0	45.067	2.442	0.0	48.91	4.45	0.0	41.337	2.031	0.0	40.296	2.727	0.0	45.874	2.341	0.0	44.859	2.874
160	1989	1990	SN	1	0.0	44.68	6.382	0.0	48.056	8.419	0.0	45.98	6.182	0.0	49.015	10.028	0.0	44.103	6.249	0.0	47.94	7.395	0.0	50.752	6.203	0.0	45.569	7.449
161	1990	1991	NS	1	0.0	45.808	1.628	0.0	50.644	2.288	0.0	50.619	1.609	0.0	42.334	2.978	0.0	44.98	1.539	0.0	48.555	1.699	0.0	53.836	1.487	0.0	39.406	1.668
162	1990	1991	NS	1	0.0	52.859	6.06	0.0	50.72	7.484	0.0	49.074	5.307	0.0	45.824	8.933	0.0	51.519	5.767	0.0	50.357	6.129	0.0	50.873	5.016	0.0	44.076	5.593
163	1990	1991	SN	1	0.0	42.56	2.607	0.0	48.741	3.531	0.0	44.246	2.6	0.0	49.407	4.352	0.0	42.183	2.427	0.0	48.024	2.882	0.0	41.018	2.497	0.0	45.42	2.813
164	1990	1991	SN	1	0.0	51.891	8.288	0.0	46.02	9.618	0.0	44.679	7.147	0.0	47.841	10.614	0.0	51.894	8.056	0.0	46.479	8.502	0.0	44.28	7.311	0.0	45.175	8.092
165	1990	1991	SN	1	0.0	42.56	2.607	0.0	48.741	3.531	0.0	44.246	2.6	0.0	49.407	4.352	0.0	42.183	2.427	0.0	48.024	2.882	0.0	41.018	2.497	0.0	45.42	2.813
166	1990	1991	SN	1	0.0	51.891	8.288	0.0	46.02	9.618	0.0	44.679	7.147	0.0	47.841	10.614	0.0	51.894	8.056	0.0	46.479	8.502	0.0	44.28	7.311	0.0	45.175	8.092
167	1990	1991	NS	1	0.0	52.859	6.06	0.0	50.72	7.484	0.0	49.074	5.307	0.0	45.824	8.933	0.0	51.519	5.767	0.0	50.357	6.129	0.0	50.873	5.016	0.0	44.076	5.593
168	1990	1991	NS	1	0.0	45.808	1.628	0.0	50.644	2.288	0.0	50.619	1.609	0.0	42.334	2.978	0.0	44.98	1.539	0.0	48.555	1.699	0.0	53.836	1.487	0.0	39.406	1.668
169	1991	1992	NS	1	0.0	38.406	1.126	0.0	40.644	1.602	0.0	43.975	1.129	0.0	42.015	2.063	0.0	37.227	0.994	0.0	36.635	1.227	0.0	42.134	1.056	0.0	34.695	1.203
170	1991	1992	SN	1	0.0	49.277	1.641	0.0	47.149	2.235	0.0	46.309	1.594	0.0	48.384	2.849	0.0	48.318	1.466	0.0	48.114	1.656	0.0	42.477	1.322	0.0	45.45	1.719
171	1991	1992	SN	1	0.0	49.277	1.641	0.0	47.149	2.235	0.0	46.309	1.594	0.0	48.384	2.849	0.0	48.318	1.466	0.0	48.114	1.656	0.0	42.477	1.322	0.0	45.45	1.719
172	1991	1992	NS	1	0.0	38.406	1.126	0.0	40.644	1.602	0.0	43.975	1.129	0.0	42.015	2.063	0.0	37.227	0.994	0.0	36.635	1.227	0.0	42.134	1.056	0.0	34.695	1.203
173	1991	1992	SN	1	0.0	52.329	5.848	0.0	48.848	7.002	0.0	44.62	4.976	0.0	46.576	6.95	0.0	51.344	5.268	0.0	48.199	5.729	0.0	44.105	4.585	0.0	45.849	4.893
174	1991	1992	NS	1	0.0	47.692	4.129	0.0	46.916	5.26	0.0	38.096	3.645	0.0	46.961	5.92	0.0	46.848	3.686	0.0	45.555	4.114	0.0	37.921	3.595	0.0	43.12	3.731
175	1991	1992	NS	1	0.0	47.692	4.129	0.0	46.916	5.26	0.0	38.096	3.645	0.0	46.961	5.92	0.0	46.848	3.686	0.0	45.555	4.114	0.0	37.921	3.595	0.0	43.12	3.731

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	1992	1993	NS	1	0.0	42.131	0.888	0.0	42.587	1.007	0.0	39.285	0.941	0.0	41.255	1.622	0.0	42.835	0.837	0.0	45.765	0.812	0.0	40.935	0.836	0.0	38.905	0.893
177	1992	1993	NS	1	0.0	47.521	3.017	0.0	52.377	3.337	0.0	48.611	3.082	0.0	45.742	4.636	0.0	47.716	2.85	0.0	54.174	2.668	0.0	48.021	2.876	0.0	46.365	2.894
178	1992	1993	NS	1	0.0	47.521	3.017	0.0	52.377	3.337	0.0	48.611	3.082	0.0	45.742	4.636	0.0	47.716	2.85	0.0	54.174	2.668	0.0	48.021	2.876	0.0	46.365	2.894
179	1992	1993	NS	1	0.0	42.131	0.888	0.0	42.587	1.007	0.0	39.285	0.941	0.0	41.255	1.622	0.0	42.835	0.837	0.0	45.765	0.812	0.0	40.935	0.836	0.0	38.905	0.893
180	1992	1993	SN	1	0.0	51.141	3.998	0.0	46.436	5.769	0.0	46.806	4.024	0.0	45.952	6.592	0.0	50.952	3.575	0.0	46.43	4.421	0.0	47.802	3.377	0.0	42.419	4.385
181	1992	1993	SN	1	0.0	48.464	1.099	0.0	52.821	1.864	0.0	41.232	1.227	0.0	45.067	2.705	0.0	44.55	0.969	0.0	51.046	1.403	0.0	43.265	0.978	0.0	40.885	1.528
182	1992	1993	SN	1	0.0	48.464	1.099	0.0	52.821	1.864	0.0	41.232	1.227	0.0	45.067	2.705	0.0	44.55	0.969	0.0	51.046	1.403	0.0	43.265	0.978	0.0	40.885	1.528
183	1992	1993	SN	1	0.0	51.141	3.998	0.0	46.436	5.769	0.0	46.806	4.024	0.0	45.952	6.592	0.0	50.952	3.575	0.0	46.43	4.421	0.0	47.802	3.377	0.0	42.419	4.385
184	1993	1994	SN	1	0.0	49.202	4.884	0.0	53.268	5.917	0.0	43.302	4.521	0.0	45.511	7.392	0.0	53.389	4.519	0.0	53.187	4.918	0.0	41.952	3.931	0.0	42.448	4.638
185	1993	1994	NS	1	0.0	53.641	5.759	0.0	52.96	7.23	0.0	41.744	4.749	0.0	51.964	7.006	0.0	54.213	5.625	0.0	51.627	6.219	0.0	44.123	5.082	0.0	47.482	4.896
186	1993	1994	NS	1	0.0	45.694	1.79	0.0	42.479	2.175	0.0	38.152	1.53	0.0	45.917	2.301	0.0	46.513	1.82	0.0	39.204	1.89	0.0	40.015	1.598	0.0	44.029	1.467
187	1993	1994	NS	1	0.0	45.694	1.79	0.0	42.479	2.175	0.0	38.152	1.53	0.0	45.917	2.301	0.0	46.513	1.82	0.0	39.204	1.89	0.0	40.015	1.598	0.0	44.029	1.467
188	1993	1994	SN	1	0.0	49.202	4.884	0.0	53.268	5.917	0.0	43.302	4.521	0.0	45.511	7.392	0.0	53.389	4.519	0.0	53.187	4.918	0.0	41.952	3.931	0.0	42.448	4.638
189	1993	1994	NS	1	0.0	53.641	5.759	0.0	52.96	7.23	0.0	41.744	4.749	0.0	51.964	7.006	0.0	54.213	5.625	0.0	51.627	6.219	0.0	44.123	5.082	0.0	47.482	4.896
190	1994	1995	SN	1	0.0	53.557	8.252	0.0	52.779	9.63	0.0	44.455	6.945	0.0	44.959	9.432	0.0	51.313	8.318	0.0	51.116	8.915	0.0	42.282	7.165	0.0	41.345	7.905
191	1994	1995	SN	1	0.0	53.557	8.252	0.0	52.779	9.63	0.0	44.455	6.945	0.0	44.959	9.432	0.0	51.313	8.318	0.0	51.116	8.915	0.0	42.282	7.165	0.0	41.345	7.905
192	1994	1995	NS	1	0.0	55.94	5.692	0.0	52.799	7.206	0.0	49.292	5.402	0.0	45.621	7.496	0.0	57.523	5.909	0.0	52.841	6.612	0.0	49.446	6.211	0.0	45.906	5.833
193	1994	1995	NS	1	0.0	55.94	5.692	0.0	52.799	7.206	0.0	49.292	5.402	0.0	45.621	7.496	0.0	57.523	5.909	0.0	52.841	6.612	0.0	49.446	6.211	0.0	45.906	5.833
194	1994	1995	SN	1	0.0	48.155	2.535	0.0	47.866	3.027	0.0	37.468	2.312	0.0	45.774	3.488	0.0	50.156	2.574	0.0	46.163	2.678	0.0	38.937	2.339	0.0	41.455	2.633
195	1994	1995	SN	1	0.0	48.155	2.535	0.0	47.866	3.027	0.0	37.468	2.312	0.0	45.774	3.488	0.0	50.156	2.574	0.0	46.163	2.678	0.0	38.937	2.339	0.0	41.455	2.633
196	1995	1996	NS	1	0.0	46.574	7.121	0.0	44.739	9.921	0.0	40.949	6.012	0.0	41.158	10.336	0.0	48.789	7.171	0.0	45.804	8.994	0.0	40.232	6.885	0.0	39.366	8.368
197	1995	1996	NS	1	0.0	41.279	2.346	0.0	45.606	3.259	0.0	44.052	2.164	0.0	39.968	3.702	0.0	40.66	2.36	0.0	42.786	2.819	0.0	42.257	2.338	0.0	37.52	2.751
198	1995	1996	SN	1	0.0	51.625	5.564	0.0	55.599	6.941	0.0	46.74	5.061	0.0	44.659	6.878	0.0	55.023	5.406	0.0	53.549	6.034	0.0	47.344	4.329	0.0	42.29	5.016
199	1995	1996	NS	1	0.0	46.574	7.121	0.0	44.739	9.921	0.0	40.949	6.012	0.0	41.158	10.336	0.0	48.789	7.171	0.0	45.804	8.994	0.0	40.232	6.885	0.0	39.366	8.368
200	1995	1996	SN	1	0.0	48.393	1.533	0.0	45.619	2.08	0.0	41.203	1.398	0.0	44.04	2.335	0.0	47.936	1.526	0.0	45.611	1.701	0.0	44.108	1.301	0.0	40.952	1.496
201	1995	1996	SN	1	0.0	48.393	1.533	0.0	45.619	2.08	0.0	41.203	1.398	0.0	44.04	2.335	0.0	47.936	1.526	0.0	45.611	1.701	0.0	44.108	1.301	0.0	40.952	1.496
202	1995	1996	NS	1	0.0	41.279	2.346	0.0	45.606	3.259	0.0	44.052	2.164	0.0	39.968	3.702	0.0	40.66	2.36	0.0	42.786	2.819	0.0	42.257	2.338	0.0	37.52	2.751
203	1995	1996	SN	1	0.0	51.625	5.564	0.0	55.599	6.941	0.0	46.74	5.061	0.0	44.659	6.878	0.0	55.023	5.406	0.0	53.549	6.034	0.0	47.344	4.329	0.0	42.29	5.016
204	1996	1997	NS	1	0.0	38.025	1.043	0.0	41.101	1.786	0.0	38.079	1.192	0.0	49.006	2.6	0.0	35.64	0.896	0.0	37.533	1.324	0.0	36.104	1.128	0.0	48.08	1.463
205	1996	1997	SN	1	0.0	47.176	1.536	0.0	42.812	2.358	0.0	45.033	1.528	0.0	44.093	2.595	0.0	46.207	1.52	0.0	43.165	1.985	0.0	40.547	1.426	0.0	38.505	1.891
206	1996	1997	NS	1	0.0	38.825	3.326	0.0	40.692	5.055	0.0	40.281	3.734	0.0	40.814	6.948	0.0	41.003	2.917	0.0	42.968	3.994	0.0	38.322	3.563	0.0	38.96	4.319
207	1996	1997	NS	1	0.0	38.825	3.326	0.0	40.692	5.055	0.0	40.281	3.734	0.0	40.814	6.948	0.0	41.003	2.917	0.0	42.968	3.994	0.0	38.322	3.563	0.0	38.96	4.319
208	1996	1997	SN	1	0.0	51.721	5.213	0.0	52.793	7.65	0.0	43.465	4.81	0.0	47.852	7.358	0.0	51.203	5.288	0.0	53.117	6.859	0.0	48.449	4.732	0.0	47.098	5.874
209	1996	1997	SN	1	0.0	47.176	1.536	0.0	42.812	2.358	0.0	45.033	1.528	0.0	44.093	2.595	0.0	46.207	1.52	0.0	43.165	1.985	0.0	40.547	1.426	0.0	38.505	1.891
210	1996	1997	NS	1	0.0	38.025	1.043	0.0	41.101	1.786	0.0	38.079	1.192	0.0	49.006	2.6	0.0	35.64	0.896	0.0	37.533	1.324	0.0	36.104	1.128	0.0	48.08	1.463
211	1996	1997	SN	1	0.0	51.721	5.213	0.0	52.793	7.65	0.0	43.465	4.81	0.0	47.852	7.358	0.0	51.203	5.288	0.0	53.117	6.859	0.0	48.449	4.732	0.0	47.098	5.874

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

212	1997	1998	NS	1	0.0	53.223	1.554	0.0	41.076	2.18	0.0	40.264	1.759	0.0	42.468	3.159	0.0	52.656	1.593	0.0	40.806	1.824	0.0	38.787	1.808	0.0	38.021	1.965
213	1997	1998	NS	1	0.0	47.063	4.822	0.0	51.609	6.024	0.0	46.012	4.571	0.0	43.095	7.963	0.0	47.88	4.847	0.0	52.498	5.371	0.0	51.404	4.897	0.0	38.809	5.261
214	1997	1998	NS	1	0.0	47.063	4.822	0.0	51.609	6.024	0.0	46.012	4.571	0.0	43.095	7.963	0.0	47.88	4.847	0.0	52.498	5.371	0.0	51.404	4.897	0.0	38.809	5.261
215	1997	1998	SN	1	0.0	45.537	4.89	0.0	47.329	6.551	0.0	49.069	4.292	0.0	48.172	7.665	0.0	46.89	4.608	0.0	49.2	5.56	0.0	46.385	4.199	0.0	46.048	5.167
216	1997	1998	NS	1	0.0	53.223	1.439	0.0	41.076	2.02	0.0	40.264	1.665	0.0	42.468	2.933	0.0	52.656	1.472	0.0	40.806	1.689	0.0	38.787	1.712	0.0	38.021	1.824
217	1997	1998	SN	1	0.0	45.997	1.561	0.0	41.022	2.158	0.0	39.611	1.489	0.0	40.363	2.782	0.0	44.197	1.486	0.0	39.233	1.741	0.0	39.356	1.384	0.0	37.994	1.729
218	1998	1999	NS	1	0.0	49.977	2.101	0.0	47.406	2.313	0.0	41.856	1.935	0.0	42.037	2.825	0.0	47.04	1.953	0.0	47.288	1.758	0.0	43.578	1.972	0.0	38.72	1.785
219	1998	1999	SN	1	0.0	35.474	1.163	0.0	40.983	1.354	0.0	42.56	1.15	0.0	44.187	2.018	0.0	34.976	1.077	0.0	37.884	1.095	0.0	38.885	1.155	0.0	38.766	1.171
220	1998	1999	SN	1	0.0	44.886	3.871	0.0	51.32	4.836	0.0	38.697	3.596	0.0	44.551	5.345	0.0	43.414	3.738	0.0	49.889	3.995	0.0	40.353	3.389	0.0	44.799	3.433
221	1998	1999	NS	1	0.0	48.355	6.691	0.0	52.293	7.742	0.0	48.2	5.561	0.0	41.633	8.36	0.0	45.882	6.479	0.0	51.86	6.569	0.0	44.904	5.732	0.0	41.388	5.573
222	1998	1999	NS	1	0.0	49.977	1.886	0.0	47.406	2.032	0.0	41.856	1.783	0.0	42.037	2.482	0.0	47.04	1.775	0.0	47.288	1.538	0.0	43.578	1.801	0.0	38.72	1.564
223	1998	1999	NS	1	0.0	48.355	6.1	0.0	52.293	6.855	0.0	48.2	5.203	0.0	41.633	7.383	0.0	45.882	5.941	0.0	51.86	5.802	0.0	44.904	5.302	0.0	41.388	4.91

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

- Normal
- Deviations
- Alarming
- High Errors

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	1970	1971	SN	1	0.0	32.202	23.872	0.0	38.817	24.113	0.0	74.403	11.53	0.0	43.585	11.61	0.0	1.996	0.0	0.0	2.115	0.0	0.0	2.33	0.0	0.0	2.397	0.0
2	1970	1971	NS	1	0.0	28.303	12.87	0.0	25.121	13.487	0.0	203.928	5.406	0.0	124.639	4.666	0.0	1.917	0.0	0.0	1.898	0.0	0.0	2.238	0.0	0.0	2.216	0.0
3	1970	1971	NS	1	0.0	28.303	12.87	0.0	25.121	13.487	0.0	203.928	5.406	0.0	124.639	4.666	0.0	1.917	0.0	0.0	1.898	0.0	0.0	2.238	0.0	0.0	2.216	0.0
4	1970	1971	SN	1	0.0	25.733	13.09	0.0	28.485	13.237	0.0	55.04	2.401	0.0	28.661	2.64	0.0	2.005	0.0	0.0	2.101	0.0	0.0	2.325	0.0	0.0	2.377	0.0
5	1970	1971	NS	1	0.0	39.06	24.379	0.0	31.965	24.337	0.0	352.781	14.84	0.0	127.159	14.683	0.0	1.931	0.0	0.0	1.912	0.0	0.0	2.246	0.0	0.0	2.215	0.0
6	1970	1971	SN	1	0.0	32.202	23.872	0.0	38.817	24.113	0.0	74.403	11.53	0.0	43.585	11.61	0.0	1.996	0.0	0.0	2.115	0.0	0.0	2.33	0.0	0.0	2.397	0.0
7	1970	1971	SN	1	0.0	32.202	23.872	0.0	38.817	24.113	0.0	74.403	11.53	0.0	43.585	11.61	0.0	1.996	0.0	0.0	2.115	0.0	0.0	2.33	0.0	0.0	2.397	0.0
8	1970	1971	SN	1	0.0	25.733	13.09	0.0	28.485	13.237	0.0	55.04	2.401	0.0	28.661	2.64	0.0	2.005	0.0	0.0	2.101	0.0	0.0	2.325	0.0	0.0	2.377	0.0
9	1970	1971	NS	1	0.0	39.06	24.379	0.0	31.965	24.337	0.0	352.781	14.84	0.0	127.159	14.683	0.0	1.931	0.0	0.0	1.912	0.0	0.0	2.246	0.0	0.0	2.215	0.0
10	1971	1972	SN	1	0.0	25.744	13.114	0.0	27.884	13.232	0.0	54.146	2.443	0.0	31.171	2.666	0.0	1.999	0.0	0.0	2.094	0.0	0.0	2.337	0.0	0.0	2.379	0.0
11	1971	1972	SN	1	0.0	32.119	23.916	0.0	38.509	24.071	0.0	75.362	11.582	0.0	41.269	11.657	0.0	2.006	0.0	0.0	2.105	0.0	0.0	2.328	0.0	0.0	2.395	0.0
12	1971	1972	NS	1	0.0	38.233	24.383	0.0	32.23	24.343	0.0	274.415	14.836	0.0	100.174	14.561	0.0	1.93	0.0	0.0	1.913	0.0	0.0	2.244	0.0	0.0	2.217	0.0
13	1971	1972	NS	1	0.0	38.233	24.383	0.0	32.23	24.343	0.0	274.415	14.836	0.0	100.174	14.561	0.0	1.93	0.0	0.0	1.913	0.0	0.0	2.244	0.0	0.0	2.217	0.0
14	1971	1972	NS	1	0.0	28.264	12.867	0.0	25.132	13.496	0.0	242.07	5.349	0.0	105.226	4.703	0.0	1.919	0.0	0.0	1.904	0.0	0.0	2.238	0.0	0.0	2.216	0.0
15	1971	1972	NS	1	0.0	28.264	12.867	0.0	25.132	13.496	0.0	242.07	5.349	0.0	105.226	4.703	0.0	1.919	0.0	0.0	1.904	0.0	0.0	2.238	0.0	0.0	2.216	0.0
16	1971	1972	SN	1	0.0	25.744	13.114	0.0	27.884	13.232	0.0	54.146	2.443	0.0	31.171	2.666	0.0	1.999	0.0	0.0	2.094	0.0	0.0	2.337	0.0	0.0	2.379	0.0
17	1971	1972	SN	1	0.0	32.119	23.916	0.0	38.509	24.071	0.0	75.362	11.582	0.0	41.269	11.657	0.0	2.006	0.0	0.0	2.105	0.0	0.0	2.328	0.0	0.0	2.395	0.0
18	1972	1973	SN	1	0.0	25.733	13.106	0.0	28.623	13.289	0.0	99.551	2.5	0.0	32.078	2.689	0.0	2.007	0.0	0.0	2.084	0.0	0.0	2.301	0.0	0.0	2.367	0.0
19	1972	1973	SN	1	0.0	32.191	23.96	0.0	38.525	24.161	0.0	115.462	11.612	0.0	39.195	11.742	0.0	2.003	0.0	0.0	2.1	0.0	0.0	2.333	0.0	0.0	2.379	0.0
20	1972	1973	NS	1	0.0	28.292	12.868	0.0	25.148	13.488	0.0	247.712	5.313	0.0	33.437	4.679	0.0	1.917	0.0	0.0	1.897	0.0	0.0	2.236	0.0	0.0	2.215	0.0
21	1972	1973	NS	1	0.0	39.016	24.356	0.0	32.009	24.364	0.0	53.021	14.823	0.0	55.845	14.533	0.0	1.93	0.0	0.0	1.912	0.0	0.0	2.243	0.0	0.0	2.215	0.0
22	1972	1973	SN	1	0.0	32.191	23.96	0.0	38.525	24.161	0.0	115.462	11.612	0.0	39.195	11.742	0.0	2.003	0.0	0.0	2.1	0.0	0.0	2.333	0.0	0.0	2.379	0.0
23	1972	1973	SN	1	0.0	25.733	13.106	0.0	28.623	13.289	0.0	99.551	2.5	0.0	32.078	2.689	0.0	2.007	0.0	0.0	2.084	0.0	0.0	2.301	0.0	0.0	2.367	0.0
24	1972	1973	NS	1	0.0	28.292	12.868	0.0	25.148	13.488	0.0	247.712	5.313	0.0	33.437	4.679	0.0	1.917	0.0	0.0	1.897	0.0	0.0	2.236	0.0	0.0	2.215	0.0
25	1972	1973	NS	1	0.0	39.016	24.356	0.0	32.009	24.364	0.0	53.021	14.823	0.0	55.845	14.533	0.0	1.93	0.0	0.0	1.912	0.0	0.0	2.243	0.0	0.0	2.215	0.0
26	1973	1974	NS	1	0.0	28.182	12.864	0.0	87.319	13.482	0.0	233.48	5.274	0.0	33.868	4.676	0.0	1.917	0.0	0.0	1.896	0.0	0.0	2.237	0.0	0.0	2.214	0.0
27	1973	1974	NS	1	0.0	38.983	24.323	0.0	31.998	24.322	0.0	110.951	14.816	0.0	56.242	14.519	0.0	1.927	0.0	0.0	1.912	0.0	0.0	2.245	0.0	0.0	2.216	0.0
28	1973	1974	SN	1	0.0	25.733	13.103	0.0	28.049	13.315	0.0	138.79	2.533	0.0	212.752	2.73	0.0	2.013	0.0	0.0	2.086	0.0	0.0	2.31	0.0	0.0	2.373	0.0
29	1973	1974	NS	1	0.0	38.983	24.323	0.0	31.998	24.322	0.0	110.951	14.816	0.0	56.242	14.519	0.0	1.927	0.0	0.0	1.912	0.0	0.0	2.245	0.0	0.0	2.216	0.0
30	1973	1974	NS	1	0.0	28.182	12.864	0.0	87.319	13.482	0.0	233.48	5.274	0.0	33.868	4.676	0.0	1.917	0.0	0.0	1.896	0.0	0.0	2.237	0.0	0.0	2.214	0.0
31	1973	1974	SN	1	0.0	32.323	24.08	0.0	39.766	24.273	0.0	135.481	11.69	0.0	195.716	11.871	0.0	2.0	0.0	0.0	2.093	0.0	0.0	2.335	0.0	0.0	2.381	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors

32	1973	1974	SN	1	0.0	32.323	24.08	0.0	39.766	24.273	0.0	135.481	11.69	0.0	195.716	11.871	0.0	2.0	0.0	0.0	2.093	0.0	0.0	2.335	0.0	0.0	2.381	0.0
33	1973	1974	SN	1	0.0	25.733	13.103	0.0	28.049	13.315	0.0	138.79	2.533	0.0	212.752	2.73	0.0	2.013	0.0	0.0	2.086	0.0	0.0	2.31	0.0	0.0	2.373	0.0
34	1974	1975	NS	1	0.0	39.016	24.339	0.0	31.981	24.324	0.0	286.833	14.823	0.0	56.341	14.516	0.0	1.926	0.0	0.0	1.917	0.0	0.0	2.244	0.0	0.0	2.215	0.0
35	1974	1975	SN	1	0.0	25.75	13.086	0.0	28.049	13.311	0.0	158.11	2.558	0.0	237.327	2.699	0.0	2.013	0.0	0.0	2.076	0.0	0.0	2.339	0.0	0.0	2.365	0.0
36	1974	1975	SN	1	0.0	25.75	13.086	0.0	28.049	13.311	0.0	158.11	2.558	0.0	237.327	2.699	0.0	2.013	0.0	0.0	2.076	0.0	0.0	2.339	0.0	0.0	2.365	0.0
37	1974	1975	NS	1	0.0	28.132	12.869	0.0	25.137	13.482	0.0	284.941	5.278	0.0	30.696	4.688	0.0	1.92	0.0	0.0	1.899	0.0	0.0	2.238	0.0	0.0	2.215	0.0
38	1974	1975	NS	1	0.0	39.016	24.339	0.0	31.981	24.324	0.0	286.833	14.823	0.0	56.341	14.516	0.0	1.926	0.0	0.0	1.917	0.0	0.0	2.244	0.0	0.0	2.215	0.0
39	1974	1975	SN	1	0.0	32.114	24.081	0.0	39.788	24.271	0.0	158.65	11.708	0.0	214.324	11.863	0.0	1.997	0.0	0.0	2.095	0.0	0.0	2.34	0.0	0.0	2.356	0.0
40	1974	1975	NS	1	0.0	28.132	12.869	0.0	25.137	13.482	0.0	284.941	5.278	0.0	30.696	4.688	0.0	1.92	0.0	0.0	1.899	0.0	0.0	2.238	0.0	0.0	2.215	0.0
41	1974	1975	SN	1	0.0	32.114	24.081	0.0	39.788	24.271	0.0	158.65	11.708	0.0	214.324	11.863	0.0	1.997	0.0	0.0	2.095	0.0	0.0	2.34	0.0	0.0	2.356	0.0
42	1975	1976	SN	1	0.0	25.733	13.088	0.0	28.104	13.35	0.0	180.787	2.571	0.0	268.545	2.744	0.0	2.013	0.0	0.0	2.079	0.0	0.0	2.345	0.0	0.0	2.356	0.0
43	1975	1976	SN	1	0.0	29.649	23.988	0.0	39.33	24.351	0.0	180.716	11.675	0.0	40.282	12.075	0.0	2.016	0.0	0.0	2.097	0.0	0.0	2.346	0.0	0.0	2.361	0.0
44	1975	1976	NS	1	0.0	28.234	12.861	0.0	25.159	13.507	0.0	290.169	5.288	0.0	80.067	4.676	0.0	1.919	0.0	0.0	1.897	0.0	0.0	2.238	0.0	0.0	2.216	0.0
45	1975	1976	NS	1	0.0	38.583	24.314	0.0	31.97	24.316	0.0	287.516	14.804	0.0	82.212	14.567	0.0	1.925	0.0	0.0	1.913	0.0	0.0	2.244	0.0	0.0	2.215	0.0
46	1975	1976	NS	1	0.0	28.234	12.861	0.0	25.159	13.507	0.0	290.169	5.288	0.0	80.067	4.676	0.0	1.919	0.0	0.0	1.897	0.0	0.0	2.238	0.0	0.0	2.216	0.0
47	1975	1976	SN	1	0.0	25.733	13.088	0.0	28.104	13.35	0.0	180.787	2.571	0.0	268.545	2.744	0.0	2.013	0.0	0.0	2.079	0.0	0.0	2.345	0.0	0.0	2.356	0.0
48	1975	1976	SN	1	0.0	29.649	23.988	0.0	39.33	24.351	0.0	180.716	11.675	0.0	40.282	12.075	0.0	2.016	0.0	0.0	2.097	0.0	0.0	2.346	0.0	0.0	2.361	0.0
49	1975	1976	NS	1	0.0	38.583	24.314	0.0	31.97	24.316	0.0	287.516	14.804	0.0	82.212	14.567	0.0	1.925	0.0	0.0	1.913	0.0	0.0	2.244	0.0	0.0	2.215	0.0
50	1976	1977	SN	1	0.0	29.643	24.015	0.0	39.352	24.303	0.0	201.937	11.682	0.0	40.486	11.996	0.0	2.026	0.0	0.0	2.094	0.0	0.0	2.348	0.0	0.0	2.358	0.0
51	1976	1977	NS	1	0.0	38.641	24.333	0.0	31.954	24.335	0.0	82.441	14.891	0.0	98.829	14.589	0.0	1.927	0.0	0.0	1.912	0.0	0.0	2.245	0.0	0.0	2.216	0.0
52	1976	1977	SN	1	0.0	29.643	24.015	0.0	39.352	24.303	0.0	201.937	11.682	0.0	40.486	11.996	0.0	2.026	0.0	0.0	2.094	0.0	0.0	2.348	0.0	0.0	2.358	0.0
53	1976	1977	NS	1	0.0	28.262	12.841	0.0	25.132	13.492	0.0	81.625	5.293	0.0	96.066	4.667	0.0	1.918	0.0	0.0	1.897	0.0	0.0	2.238	0.0	0.0	2.215	0.0
54	1976	1977	NS	1	0.0	28.262	12.841	0.0	25.132	13.492	0.0	81.625	5.293	0.0	96.066	4.667	0.0	1.918	0.0	0.0	1.897	0.0	0.0	2.238	0.0	0.0	2.215	0.0
55	1976	1977	SN	1	0.0	25.733	13.083	0.0	28.998	13.356	0.0	205.401	2.523	0.0	261.047	2.724	0.0	2.027	0.0	0.0	2.078	0.0	0.0	2.341	0.0	0.0	2.365	0.0
56	1976	1977	SN	1	0.0	25.733	13.083	0.0	28.998	13.356	0.0	205.401	2.523	0.0	261.047	2.724	0.0	2.027	0.0	0.0	2.078	0.0	0.0	2.341	0.0	0.0	2.365	0.0
57	1976	1977	NS	1	0.0	38.641	24.333	0.0	31.954	24.335	0.0	82.441	14.891	0.0	98.829	14.589	0.0	1.927	0.0	0.0	1.912	0.0	0.0	2.245	0.0	0.0	2.216	0.0
58	1977	1978	NS	1	0.0	28.262	12.829	0.0	25.132	13.486	0.0	95.032	5.412	0.0	106.406	4.701	0.0	1.918	0.0	0.0	1.898	0.0	0.0	2.237	0.0	0.0	2.217	0.0
59	1977	1978	SN	1	0.0	25.738	13.049	0.0	28.082	13.298	0.0	189.892	2.485	0.0	274.377	2.726	0.0	2.019	0.0	0.0	2.092	0.0	0.0	2.34	0.0	0.0	2.367	0.0
60	1977	1978	SN	1	0.0	29.643	23.797	0.0	39.281	24.263	0.0	71.634	11.598	0.0	40.728	11.901	0.0	2.009	0.0	0.0	2.083	0.0	0.0	2.328	0.0	0.0	2.357	0.0
61	1977	1978	NS	1	0.0	38.489	24.356	0.0	31.954	24.298	0.0	54.709	14.799	0.0	114.524	14.569	0.0	1.934	0.0	0.0	1.913	0.0	0.0	2.245	0.0	0.0	2.218	0.0
62	1977	1978	NS	1	0.0	38.489	24.356	0.0	31.954	24.298	0.0	54.709	14.799	0.0	114.524	14.569	0.0	1.934	0.0	0.0	1.913	0.0	0.0	2.245	0.0	0.0	2.218	0.0
63	1977	1978	SN	1	0.0	25.738	13.049	0.0	28.082	13.298	0.0	189.892	2.485	0.0	274.377	2.726	0.0	2.019	0.0	0.0	2.092	0.0	0.0	2.34	0.0	0.0	2.367	0.0
64	1977	1978	NS	1	0.0	28.262	12.829	0.0	25.132	13.486	0.0	95.032	5.412	0.0	106.406	4.701	0.0	1.918	0.0	0.0	1.898	0.0	0.0	2.237	0.0	0.0	2.217	0.0
65	1977	1978	SN	1	0.0	29.643	23.797	0.0	39.281	24.263	0.0	71.634	11.598	0.0	40.728	11.901	0.0	2.009	0.0	0.0	2.083	0.0	0.0	2.328	0.0	0.0	2.357	0.0
66	1978	1979	NS	1	0.0	28.267	12.831	0.0	25.275	13.501	0.0	56.057	5.418	0.0	104.421	4.721	0.0	1.918	0.0	0.0	1.896	0.0	0.0	2.237	0.0	0.0	2.216	0.0
67	1978	1979	SN	1	0.0	32.097	23.781	0.0	39.352	24.247	0.0	153.543	11.537	0.0	38.649	11.694	0.0	2.011	0.0	0.0	2.125	0.0	0.0	2.363	0.0	0.0	2.386	0.0
68	1978	1979	NS	1	0.0	38.462	24.379	0.0	31.976	24.289	0.0	53.97	14.863	0.0	62.248	14.563	0.0	1.922	0.0	0.0	1.911	0.0	0.0	2.244	0.0	0.0	2.215	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors

69	1978	1979	NS	1	0.0	28.267	12.831	0.0	25.275	13.501	0.0	56.057	5.418	0.0	104.421	4.721	0.0	1.918	0.0	0.0	1.896	0.0	0.0	2.237	0.0	0.0	2.216	0.0
70	1978	1979	NS	1	0.0	38.462	24.379	0.0	31.976	24.289	0.0	53.97	14.863	0.0	62.248	14.563	0.0	1.922	0.0	0.0	1.911	0.0	0.0	2.244	0.0	0.0	2.215	0.0
71	1978	1979	SN	1	0.0	32.097	23.781	0.0	39.352	24.247	0.0	153.543	11.537	0.0	38.649	11.694	0.0	2.011	0.0	0.0	2.125	0.0	0.0	2.363	0.0	0.0	2.386	0.0
72	1979	1980	NS	1	0.0	28.32	12.852	0.0	25.154	13.498	0.0	49.401	5.373	0.0	43.491	4.714	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.237	0.0	0.0	2.216	0.0
73	1979	1980	NS	1	0.0	28.32	12.852	0.0	25.154	13.498	0.0	49.401	5.373	0.0	43.491	4.714	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.237	0.0	0.0	2.216	0.0
74	1979	1980	NS	1	0.0	38.525	24.386	0.0	31.976	24.35	0.0	147.027	14.828	0.0	59.104	14.582	0.0	1.929	0.0	0.0	1.91	0.0	0.0	2.244	0.0	0.0	2.216	0.0
75	1979	1980	NS	1	0.0	28.32	12.852	0.0	25.154	13.498	0.0	49.401	5.373	0.0	43.491	4.714	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.237	0.0	0.0	2.216	0.0
76	1979	1980	SN	1	0.0	32.119	23.861	0.0	243.738	24.242	0.0	108.475	11.588	0.0	38.732	11.701	0.0	2.017	0.0	0.0	2.108	0.0	0.0	2.352	0.0	0.0	2.37	0.0
77	1979	1980	SN	1	0.0	32.119	23.861	0.0	243.738	24.242	0.0	108.475	11.588	0.0	38.732	11.701	0.0	2.017	0.0	0.0	2.108	0.0	0.0	2.352	0.0	0.0	2.37	0.0
78	1979	1980	SN	1	0.0	25.738	13.068	0.0	66.519	13.278	0.0	88.654	2.474	0.0	25.11	2.651	0.0	2.012	0.0	0.0	2.078	0.0	0.0	2.334	0.0	0.0	2.37	0.0
79	1979	1980	SN	1	0.0	25.738	13.068	0.0	66.519	13.278	0.0	88.654	2.474	0.0	25.11	2.651	0.0	2.012	0.0	0.0	2.078	0.0	0.0	2.334	0.0	0.0	2.37	0.0
80	1979	1980	NS	1	0.0	38.525	24.386	0.0	31.976	24.35	0.0	147.027	14.828	0.0	59.104	14.582	0.0	1.929	0.0	0.0	1.91	0.0	0.0	2.244	0.0	0.0	2.216	0.0
81	1980	1981	SN	1	0.0	25.739	13.09	0.0	28.529	13.283	0.0	135.63	2.511	0.0	24.751	2.686	0.0	2.028	0.0	0.0	2.088	0.0	0.0	2.318	0.0	0.0	2.375	0.0
82	1980	1981	SN	1	0.0	32.296	23.916	0.0	39.639	24.209	0.0	144.548	11.69	0.0	41.07	11.711	0.0	2.019	0.0	0.0	2.093	0.0	0.0	2.347	0.0	0.0	2.377	0.0
83	1980	1981	NS	1	0.0	39.06	24.283	0.0	32.026	24.301	0.0	124.747	14.966	0.0	223.953	14.514	0.0	1.933	0.0	0.0	1.912	0.0	0.0	2.245	0.0	0.0	2.216	0.0
84	1980	1981	NS	1	0.0	28.336	12.862	0.0	25.099	13.476	0.0	273.858	5.399	0.0	197.933	4.702	0.0	1.918	0.0	0.0	1.897	0.0	0.0	2.237	0.0	0.0	2.216	0.0
85	1980	1981	NS	1	0.0	28.336	12.862	0.0	25.099	13.476	0.0	273.858	5.399	0.0	197.933	4.702	0.0	1.918	0.0	0.0	1.897	0.0	0.0	2.237	0.0	0.0	2.216	0.0
86	1980	1981	SN	1	0.0	25.739	13.09	0.0	28.529	13.283	0.0	135.63	2.511	0.0	24.751	2.686	0.0	2.028	0.0	0.0	2.088	0.0	0.0	2.318	0.0	0.0	2.375	0.0
87	1980	1981	NS	1	0.0	39.06	24.283	0.0	32.026	24.301	0.0	124.747	14.966	0.0	223.953	14.514	0.0	1.933	0.0	0.0	1.912	0.0	0.0	2.245	0.0	0.0	2.216	0.0
88	1980	1981	SN	1	0.0	32.296	23.916	0.0	39.639	24.209	0.0	144.548	11.69	0.0	41.07	11.711	0.0	2.019	0.0	0.0	2.093	0.0	0.0	2.347	0.0	0.0	2.377	0.0
89	1981	1982	SN	1	0.0	25.744	13.076	0.0	28.507	13.301	0.0	107.294	2.546	0.0	24.873	2.716	0.0	2.026	0.0	0.0	2.091	0.0	0.0	2.359	0.0	0.0	2.369	0.0
90	1981	1982	SN	1	0.0	25.744	13.076	0.0	28.507	13.301	0.0	107.294	2.546	0.0	24.873	2.716	0.0	2.026	0.0	0.0	2.091	0.0	0.0	2.359	0.0	0.0	2.369	0.0
91	1981	1982	SN	1	0.0	32.235	23.829	0.0	39.623	24.219	0.0	116.262	11.76	0.0	41.236	11.747	0.0	2.02	0.0	0.0	2.093	0.0	0.0	2.358	0.0	0.0	2.384	0.0
92	1981	1982	SN	1	0.0	32.235	23.829	0.0	39.623	24.219	0.0	116.262	11.76	0.0	41.236	11.747	0.0	2.02	0.0	0.0	2.093	0.0	0.0	2.358	0.0	0.0	2.384	0.0
93	1981	1982	NS	1	0.0	38.994	24.313	0.0	32.02	24.288	0.0	258.695	14.868	0.0	50.159	14.508	0.0	1.927	0.0	0.0	1.913	0.0	0.0	2.245	0.0	0.0	2.217	0.0
94	1981	1982	NS	1	0.0	28.325	12.824	0.0	25.099	13.466	0.0	278.364	5.461	0.0	197.045	4.703	0.0	1.918	0.0	0.0	1.897	0.0	0.0	2.237	0.0	0.0	2.216	0.0
95	1981	1982	NS	1	0.0	28.325	12.824	0.0	25.099	13.466	0.0	278.364	5.461	0.0	197.045	4.703	0.0	1.918	0.0	0.0	1.897	0.0	0.0	2.237	0.0	0.0	2.216	0.0
96	1981	1982	NS	1	0.0	38.994	24.313	0.0	32.02	24.288	0.0	258.695	14.868	0.0	50.159	14.508	0.0	1.927	0.0	0.0	1.913	0.0	0.0	2.245	0.0	0.0	2.217	0.0
97	1982	1983	NS	1	0.0	38.95	24.306	0.0	32.015	24.301	0.0	259.161	14.924	0.0	180.611	14.526	0.0	1.934	0.0	0.0	1.913	0.0	0.0	2.244	0.0	0.0	2.218	0.0
98	1982	1983	SN	1	0.0	25.722	13.046	0.0	28.513	13.286	0.0	78.092	2.537	0.0	25.132	2.707	0.0	2.024	0.0	0.0	2.104	0.0	0.0	2.333	0.0	0.0	2.375	0.0
99	1982	1983	NS	1	0.0	28.292	12.841	0.0	25.11	13.447	0.0	259.161	5.547	0.0	175.267	4.73	0.0	1.919	0.0	0.0	1.897	0.0	0.0	2.237	0.0	0.0	2.217	0.0
100	1982	1983	SN	1	0.0	32.296	23.787	0.0	39.253	24.161	0.0	94.726	11.788	0.0	41.511	11.733	0.0	2.015	0.0	0.0	2.09	0.0	0.0	2.358	0.0	0.0	2.365	0.0
101	1982	1983	SN	1	0.0	25.722	13.046	0.0	28.513	13.286	0.0	78.092	2.537	0.0	25.132	2.707	0.0	2.024	0.0	0.0	2.104	0.0	0.0	2.333	0.0	0.0	2.375	0.0
102	1982	1983	NS	1	0.0	28.292	12.841	0.0	25.11	13.447	0.0	259.161	5.547	0.0	175.267	4.73	0.0	1.919	0.0	0.0	1.897	0.0	0.0	2.237	0.0	0.0	2.217	0.0
103	1982	1983	SN	1	0.0	32.296	23.787	0.0	39.253	24.161	0.0	94.726	11.788	0.0	41.511	11.733	0.0	2.015	0.0	0.0	2.09	0.0	0.0	2.358	0.0	0.0	2.365	0.0
104	1982	1983	NS	1	0.0	38.95	24.306	0.0	32.015	24.301	0.0	259.161	14.924	0.0	180.611	14.526	0.0	1.934	0.0	0.0	1.913	0.0	0.0	2.244	0.0	0.0	2.218	0.0
105	1983	1984	NS	1	0.0	28.275	12.83	0.0	25.132	13.456	0.0	235.281	5.597	0.0	164.546	4.71	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.24	0.0	0.0	2.217	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0		

106	1983	1984	NS	1	0.0	38.928	24.271	0.0	32.042	24.239	0.0	231.795	14.898	0.0	159.736	14.511	0.0	1.932	0.0	0.0	1.914	0.0	0.0	2.247	0.0	0.0	2.218	0.0
107	1983	1984	SN	1	0.0	25.727	13.038	0.0	28.397	13.258	0.0	34.287	2.546	0.0	74.646	2.757	0.0	2.026	0.0	0.0	2.101	0.0	0.0	2.338	0.0	0.0	2.383	0.0
108	1983	1984	NS	1	0.0	38.928	24.271	0.0	32.042	24.239	0.0	231.795	14.898	0.0	159.736	14.511	0.0	1.932	0.0	0.0	1.914	0.0	0.0	2.247	0.0	0.0	2.218	0.0
109	1983	1984	SN	1	0.0	29.621	23.692	0.0	39.192	24.219	0.0	56.038	11.646	0.0	74.833	11.789	0.0	2.029	0.0	0.0	2.104	0.0	0.0	2.361	0.0	0.0	2.371	0.0
110	1983	1984	NS	1	0.0	38.928	24.271	0.0	32.042	24.239	0.0	231.795	14.898	0.0	159.736	14.511	0.0	1.932	0.0	0.0	1.914	0.0	0.0	2.247	0.0	0.0	2.218	0.0
111	1983	1984	NS	1	0.0	28.275	12.83	0.0	25.132	13.456	0.0	235.281	5.597	0.0	164.546	4.71	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.24	0.0	0.0	2.217	0.0
112	1983	1984	SN	1	0.0	29.621	23.692	0.0	39.192	24.219	0.0	56.038	11.646	0.0	74.833	11.789	0.0	2.029	0.0	0.0	2.104	0.0	0.0	2.361	0.0	0.0	2.371	0.0
113	1983	1984	SN	1	0.0	25.727	13.038	0.0	28.397	13.258	0.0	34.287	2.546	0.0	74.646	2.757	0.0	2.026	0.0	0.0	2.101	0.0	0.0	2.338	0.0	0.0	2.383	0.0
114	1984	1985	SN	1	0.0	25.733	13.051	0.0	29.042	13.212	0.0	46.42	2.493	0.0	31.551	2.71	0.0	2.031	0.0	0.0	2.096	0.0	0.0	2.364	0.0	0.0	2.377	0.0
115	1984	1985	NS	1	0.0	28.264	12.815	0.0	25.143	13.462	0.0	214.258	5.632	0.0	120.53	4.733	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.239	0.0	0.0	2.217	0.0
116	1984	1985	NS	1	0.0	28.264	12.815	0.0	25.143	13.462	0.0	214.258	5.632	0.0	120.53	4.733	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.239	0.0	0.0	2.217	0.0
117	1984	1985	SN	1	0.0	25.733	13.051	0.0	29.042	13.212	0.0	46.42	2.493	0.0	31.551	2.71	0.0	2.031	0.0	0.0	2.096	0.0	0.0	2.364	0.0	0.0	2.377	0.0
118	1984	1985	NS	1	0.0	38.955	24.329	0.0	32.059	24.297	0.0	214.258	14.849	0.0	139.32	14.49	0.0	1.93	0.0	0.0	1.912	0.0	0.0	2.247	0.0	0.0	2.217	0.0
119	1984	1985	NS	1	0.0	38.955	24.329	0.0	32.059	24.297	0.0	214.258	14.849	0.0	139.32	14.49	0.0	1.93	0.0	0.0	1.912	0.0	0.0	2.247	0.0	0.0	2.217	0.0
120	1984	1985	SN	1	0.0	32.29	23.705	0.0	39.027	24.184	0.0	81.798	11.535	0.0	42.322	11.632	0.0	2.021	0.0	0.0	2.11	0.0	0.0	2.369	0.0	0.0	2.387	0.0
121	1984	1985	SN	1	0.0	32.29	23.705	0.0	39.027	24.184	0.0	81.798	11.535	0.0	42.322	11.632	0.0	2.021	0.0	0.0	2.11	0.0	0.0	2.369	0.0	0.0	2.387	0.0
122	1985	1986	SN	1	0.0	32.23	23.731	0.0	39.661	24.255	0.0	80.249	11.587	0.0	57.138	11.767	0.0	2.025	0.0	0.0	2.138	0.0	0.0	2.364	0.0	0.0	2.389	0.0
123	1985	1986	NS	1	0.0	28.281	12.813	0.0	25.176	13.477	0.0	244.596	5.546	0.0	30.349	4.727	0.0	1.919	0.0	0.0	1.897	0.0	0.0	2.239	0.0	0.0	2.216	0.0
124	1985	1986	NS	1	0.0	38.627	24.423	0.0	35.495	24.32	0.0	355.125	14.894	0.0	54.119	14.547	0.0	1.929	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.217	0.0
125	1985	1986	NS	1	0.0	28.281	12.813	0.0	25.176	13.477	0.0	244.596	5.546	0.0	30.349	4.727	0.0	1.919	0.0	0.0	1.897	0.0	0.0	2.239	0.0	0.0	2.216	0.0
126	1985	1986	SN	1	0.0	25.722	13.105	0.0	28.992	13.193	0.0	54.56	2.508	0.0	221.386	2.724	0.0	2.038	0.0	0.0	2.108	0.0	0.0	2.368	0.0	0.0	2.39	0.0
127	1985	1986	SN	1	0.0	32.23	23.731	0.0	39.661	24.255	0.0	80.249	11.587	0.0	57.138	11.767	0.0	2.025	0.0	0.0	2.138	0.0	0.0	2.364	0.0	0.0	2.389	0.0
128	1985	1986	SN	1	0.0	25.722	13.105	0.0	28.992	13.193	0.0	54.56	2.508	0.0	221.386	2.724	0.0	2.038	0.0	0.0	2.108	0.0	0.0	2.368	0.0	0.0	2.39	0.0
129	1985	1986	NS	1	0.0	38.627	24.423	0.0	35.495	24.32	0.0	355.125	14.894	0.0	54.119	14.547	0.0	1.929	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.217	0.0
130	1986	1987	SN	1	0.0	25.727	13.051	0.0	28.546	13.227	0.0	100.417	2.563	0.0	155.324	2.807	0.0	2.038	0.0	0.0	2.11	0.0	0.0	2.373	0.0	0.0	2.376	0.0
131	1986	1987	NS	1	0.0	38.66	24.39	0.0	32.097	24.314	0.0	353.007	14.846	0.0	54.229	14.319	0.0	1.932	0.0	0.0	1.913	0.0	0.0	2.247	0.0	0.0	2.217	0.0
132	1986	1987	SN	1	0.0	29.632	23.773	0.0	39.661	24.286	0.0	99.336	11.663	0.0	45.719	11.878	0.0	2.029	0.0	0.0	2.096	0.0	0.0	2.363	0.0	0.0	2.392	0.0
133	1986	1987	SN	1	0.0	29.632	23.773	0.0	39.661	24.286	0.0	99.336	11.663	0.0	45.719	11.878	0.0	2.029	0.0	0.0	2.096	0.0	0.0	2.363	0.0	0.0	2.392	0.0
134	1986	1987	SN	1	0.0	25.727	13.051	0.0	28.546	13.227	0.0	100.417	2.563	0.0	155.324	2.807	0.0	2.038	0.0	0.0	2.11	0.0	0.0	2.373	0.0	0.0	2.376	0.0
135	1986	1987	NS	1	0.0	28.264	12.811	0.0	25.231	13.486	0.0	244.232	5.503	0.0	32.163	4.671	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.24	0.0	0.0	2.217	0.0
136	1986	1987	NS	1	0.0	28.264	12.811	0.0	25.231	13.486	0.0	244.232	5.503	0.0	32.163	4.671	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.24	0.0	0.0	2.217	0.0
137	1987	1988	SN	1	0.0	25.727	13.124	0.0	28.529	13.222	0.0	127.777	2.612	0.0	28.347	2.793	0.0	2.047	0.0	0.0	2.12	0.0	0.0	2.375	0.0	0.0	2.389	0.0
138	1987	1988	SN	1	0.0	32.323	23.777	0.0	39.672	24.199	0.0	126.773	11.628	0.0	46.15	11.881	0.0	2.036	0.0	0.0	2.135	0.0	0.0	2.37	0.0	0.0	2.388	0.0
139	1987	1988	NS	1	0.0	38.983	24.405	0.0	37.221	24.296	0.0	348.016	14.832	0.0	56.225	14.318	0.0	1.928	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0
140	1987	1988	NS	1	0.0	28.292	12.8	0.0	25.204	13.474	0.0	342.38	5.504	0.0	36.592	4.693	0.0	1.92	0.0	0.0	1.895	0.0	0.0	2.238	0.0	0.0	2.216	0.0
141	1987	1988	NS	1	0.0	28.292	12.8	0.0	25.204	13.474	0.0	342.38	5.504	0.0	36.592	4.693	0.0	1.92	0.0	0.0	1.895	0.0	0.0	2.238	0.0	0.0	2.216	0.0
142	1987	1988	SN	1	0.0	25.727	13.124	0.0	28.529	13.222	0.0	127.777	2.612	0.0	28.347	2.793	0.0	2.047	0.0	0.0	2.12	0.0	0.0	2.375	0.0	0.0	2.389	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors

143	1987	1988	SN	1	0.0	32.323	23.777	0.0	39.672	24.199	0.0	126.773	11.628	0.0	46.15	11.881	0.0	2.036	0.0	0.0	2.135	0.0	0.0	2.37	0.0	0.0	2.388	0.0
144	1987	1988	NS	1	0.0	38.983	24.405	0.0	37.221	24.296	0.0	348.016	14.832	0.0	56.225	14.318	0.0	1.928	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0
145	1988	1989	NS	1	0.0	38.933	24.34	0.0	32.092	24.258	0.0	279.051	14.875	0.0	55.084	14.354	0.0	1.928	0.0	0.0	1.911	0.0	0.0	2.244	0.0	0.0	2.216	0.0
146	1988	1989	NS	1	0.0	28.253	12.811	0.0	26.031	13.461	0.0	290.048	5.468	0.0	28.419	4.706	0.0	1.919	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.216	0.0
147	1988	1989	SN	1	0.0	32.301	23.904	0.0	39.689	24.188	0.0	152.705	11.752	0.0	205.318	11.892	0.0	2.043	0.0	0.0	2.114	0.0	0.0	2.385	0.0	0.0	2.376	0.0
148	1988	1989	SN	1	0.0	25.75	13.113	0.0	28.667	13.177	0.0	155.319	2.6	0.0	220.942	2.824	0.0	2.036	0.0	0.0	2.123	0.0	0.0	2.379	0.0	0.0	2.401	0.0
149	1988	1989	NS	1	0.0	28.253	12.811	0.0	26.031	13.461	0.0	290.048	5.468	0.0	28.419	4.706	0.0	1.919	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.216	0.0
150	1988	1989	SN	1	0.0	25.75	13.113	0.0	28.667	13.177	0.0	155.319	2.6	0.0	220.942	2.824	0.0	2.036	0.0	0.0	2.123	0.0	0.0	2.379	0.0	0.0	2.401	0.0
151	1988	1989	SN	1	0.0	32.301	23.904	0.0	39.689	24.188	0.0	152.705	11.752	0.0	205.318	11.892	0.0	2.043	0.0	0.0	2.114	0.0	0.0	2.385	0.0	0.0	2.376	0.0
152	1988	1989	NS	1	0.0	38.933	24.34	0.0	32.092	24.258	0.0	279.051	14.875	0.0	55.084	14.354	0.0	1.928	0.0	0.0	1.911	0.0	0.0	2.244	0.0	0.0	2.216	0.0
153	1989	1990	NS	1	0.0	28.22	12.79	0.0	26.036	13.462	0.0	335.541	5.472	0.0	29.4	4.686	0.0	1.92	0.0	0.0	1.901	0.0	0.0	2.237	0.0	0.0	2.216	0.0
154	1989	1990	SN	1	0.0	25.744	13.126	0.0	28.81	13.182	0.0	160.349	2.597	0.0	268.037	2.812	0.0	2.043	0.0	0.0	2.125	0.0	0.0	2.392	0.0	0.0	2.398	0.0
155	1989	1990	NS	1	0.0	38.911	24.296	0.0	32.02	24.31	0.0	309.019	14.897	0.0	52.464	14.28	0.0	1.928	0.0	0.0	1.912	0.0	0.0	2.244	0.0	0.0	2.215	0.0
156	1989	1990	NS	1	0.0	28.22	12.79	0.0	26.036	13.462	0.0	335.541	5.472	0.0	29.4	4.686	0.0	1.92	0.0	0.0	1.901	0.0	0.0	2.237	0.0	0.0	2.216	0.0
157	1989	1990	SN	1	0.0	32.368	23.952	0.0	39.694	24.142	0.0	170.204	11.725	0.0	39.168	11.835	0.0	2.032	0.0	0.0	2.102	0.0	0.0	2.382	0.0	0.0	2.404	0.0
158	1989	1990	NS	1	0.0	38.911	24.296	0.0	32.02	24.31	0.0	309.019	14.897	0.0	52.464	14.28	0.0	1.928	0.0	0.0	1.912	0.0	0.0	2.244	0.0	0.0	2.215	0.0
159	1989	1990	SN	1	0.0	25.744	13.126	0.0	28.81	13.182	0.0	160.349	2.597	0.0	268.037	2.812	0.0	2.043	0.0	0.0	2.125	0.0	0.0	2.392	0.0	0.0	2.398	0.0
160	1989	1990	SN	1	0.0	32.368	23.952	0.0	39.694	24.142	0.0	170.204	11.725	0.0	39.168	11.835	0.0	2.032	0.0	0.0	2.102	0.0	0.0	2.382	0.0	0.0	2.404	0.0
161	1990	1991	NS	1	0.0	28.237	12.783	0.0	25.17	13.465	0.0	305.446	5.484	0.0	85.499	4.679	0.0	1.923	0.0	0.0	1.897	0.0	0.0	2.238	0.0	0.0	2.217	0.0
162	1990	1991	NS	1	0.0	38.906	24.281	0.0	32.059	24.241	0.0	96.637	14.863	0.0	91.896	14.327	0.0	1.928	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.217	0.0
163	1990	1991	SN	1	0.0	25.744	13.149	0.0	28.557	13.162	0.0	199.467	2.598	0.0	269.187	2.803	0.0	2.041	0.0	0.0	2.119	0.0	0.0	2.375	0.0	0.0	2.393	0.0
164	1990	1991	SN	1	0.0	32.241	23.811	0.0	39.066	24.165	0.0	196.235	11.744	0.0	246.327	11.835	0.0	2.039	0.0	0.0	2.141	0.0	0.0	2.379	0.0	0.0	2.437	0.0
165	1990	1991	SN	1	0.0	25.744	13.149	0.0	28.557	13.162	0.0	199.467	2.598	0.0	269.187	2.803	0.0	2.041	0.0	0.0	2.119	0.0	0.0	2.375	0.0	0.0	2.393	0.0
166	1990	1991	SN	1	0.0	32.241	23.811	0.0	39.066	24.165	0.0	196.235	11.744	0.0	246.327	11.835	0.0	2.039	0.0	0.0	2.141	0.0	0.0	2.379	0.0	0.0	2.437	0.0
167	1990	1991	NS	1	0.0	38.906	24.281	0.0	32.059	24.241	0.0	96.637	14.863	0.0	91.896	14.327	0.0	1.928	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.217	0.0
168	1990	1991	NS	1	0.0	28.237	12.783	0.0	25.17	13.465	0.0	305.446	5.484	0.0	85.499	4.679	0.0	1.923	0.0	0.0	1.897	0.0	0.0	2.238	0.0	0.0	2.217	0.0
169	1991	1992	NS	1	0.0	28.253	12.78	0.0	25.182	13.473	0.0	54.149	5.538	0.0	119.124	4.668	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.241	0.0	0.0	2.217	0.0
170	1991	1992	SN	1	0.0	25.733	13.121	0.0	28.044	13.145	0.0	215.807	2.585	0.0	247.508	2.769	0.0	2.041	0.0	0.0	2.139	0.0	0.0	2.371	0.0	0.0	2.448	0.0
171	1991	1992	SN	1	0.0	25.733	13.121	0.0	28.044	13.145	0.0	215.807	2.585	0.0	247.508	2.769	0.0	2.041	0.0	0.0	2.139	0.0	0.0	2.371	0.0	0.0	2.448	0.0
172	1991	1992	NS	1	0.0	28.253	12.78	0.0	25.182	13.473	0.0	54.149	5.538	0.0	119.124	4.668	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.241	0.0	0.0	2.217	0.0
173	1991	1992	SN	1	0.0	34.849	23.816	0.0	39.126	24.08	0.0	210.348	11.68	0.0	266.816	11.735	0.0	2.043	0.0	0.0	2.131	0.0	0.0	2.38	0.0	0.0	2.462	0.0
174	1991	1992	NS	1	0.0	38.911	24.317	0.0	32.081	24.233	0.0	304.58	14.912	0.0	119.345	14.306	0.0	1.934	0.0	0.0	1.912	0.0	0.0	2.246	0.0	0.0	2.217	0.0
175	1991	1992	NS	1	0.0	38.911	24.317	0.0	32.081	24.233	0.0	304.58	14.912	0.0	119.345	14.306	0.0	1.934	0.0	0.0	1.912	0.0	0.0	2.246	0.0	0.0	2.217	0.0
176	1992	1993	NS	1	0.0	28.179	12.768	0.0	26.031	13.478	0.0	118.079	5.598	0.0	31.783	4.708	0.0	1.923	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.217	0.0
177	1992	1993	NS	1	0.0	38.547	24.371	0.0	32.07	24.289	0.0	163.589	14.877	0.0	58.663	14.341	0.0	1.926	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0
178	1992	1993	NS	1	0.0	38.547	24.371	0.0	32.07	24.289	0.0	163.589	14.877	0.0	58.663	14.341	0.0	1.926	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0
179	1992	1993	NS	1	0.0	28.179	12.768	0.0	26.031	13.478	0.0	118.079	5.598	0.0	31.783	4.708	0.0	1.923	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.217	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0		

180	1992	1993	SN	1	0.0	37.629	23.7	0.0	39.143	24.034	0.0	69.07	11.609	0.0	39.603	11.663	0.0	2.043	0.0	0.0	2.12	0.0	0.0	2.384	0.0	0.0	2.467	0.0
181	1992	1993	SN	1	0.0	25.738	13.117	0.0	28.601	13.122	0.0	37.761	2.54	0.0	25.832	2.733	0.0	2.046	0.0	0.0	2.132	0.0	0.0	2.378	0.0	0.0	2.461	0.0
182	1992	1993	SN	1	0.0	25.738	13.117	0.0	28.601	13.122	0.0	37.761	2.54	0.0	25.832	2.733	0.0	2.046	0.0	0.0	2.132	0.0	0.0	2.378	0.0	0.0	2.461	0.0
183	1992	1993	SN	1	0.0	37.629	23.7	0.0	39.143	24.034	0.0	69.07	11.609	0.0	39.603	11.663	0.0	2.043	0.0	0.0	2.12	0.0	0.0	2.384	0.0	0.0	2.467	0.0
184	1993	1994	SN	1	0.0	32.252	23.731	0.0	39.7	24.01	0.0	75.931	11.622	0.0	37.905	11.572	0.0	2.058	0.0	0.0	2.135	0.0	0.0	2.39	0.0	0.0	2.466	0.0
185	1993	1994	NS	1	0.0	38.977	24.381	0.0	32.086	24.256	0.0	119.121	14.885	0.0	145.287	14.253	0.0	1.929	0.0	0.0	1.912	0.0	0.0	2.245	0.0	0.0	2.217	0.0
186	1993	1994	NS	1	0.0	28.27	12.79	0.0	25.226	13.489	0.0	133.598	5.56	0.0	127.231	4.687	0.0	1.919	0.0	0.0	1.898	0.0	0.0	2.238	0.0	0.0	2.217	0.0
187	1993	1994	NS	1	0.0	28.27	12.79	0.0	25.226	13.489	0.0	133.598	5.56	0.0	127.231	4.687	0.0	1.919	0.0	0.0	1.898	0.0	0.0	2.238	0.0	0.0	2.217	0.0
188	1993	1994	SN	1	0.0	32.252	23.731	0.0	39.7	24.01	0.0	75.931	11.622	0.0	37.905	11.572	0.0	2.058	0.0	0.0	2.135	0.0	0.0	2.39	0.0	0.0	2.466	0.0
189	1993	1994	NS	1	0.0	38.977	24.381	0.0	32.086	24.256	0.0	119.121	14.885	0.0	145.287	14.253	0.0	1.929	0.0	0.0	1.912	0.0	0.0	2.245	0.0	0.0	2.217	0.0
190	1994	1995	SN	1	0.0	32.268	23.694	0.0	39.683	24.047	0.0	75.192	11.594	0.0	38.539	11.622	0.0	2.034	0.0	0.0	2.094	0.0	0.0	2.347	0.0	0.0	2.435	0.0
191	1994	1995	SN	1	0.0	32.268	23.694	0.0	39.683	24.047	0.0	75.192	11.594	0.0	38.539	11.622	0.0	2.034	0.0	0.0	2.094	0.0	0.0	2.347	0.0	0.0	2.435	0.0
192	1994	1995	NS	1	0.0	38.972	24.354	0.0	32.064	24.292	0.0	113.959	14.871	0.0	58.354	14.359	0.0	1.93	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.218	0.0
193	1994	1995	NS	1	0.0	38.972	24.354	0.0	32.064	24.292	0.0	113.959	14.871	0.0	58.354	14.359	0.0	1.93	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.218	0.0
194	1994	1995	SN	1	0.0	25.744	13.096	0.0	28.187	13.172	0.0	57.963	2.543	0.0	25.584	2.777	0.0	2.029	0.0	0.0	2.106	0.0	0.0	2.344	0.0	0.0	2.433	0.0
195	1994	1995	SN	1	0.0	25.744	13.096	0.0	28.187	13.172	0.0	57.963	2.543	0.0	25.584	2.777	0.0	2.029	0.0	0.0	2.106	0.0	0.0	2.344	0.0	0.0	2.433	0.0
196	1995	1996	NS	1	0.0	38.966	24.304	0.0	32.086	24.223	0.0	128.717	14.878	0.0	215.868	14.314	0.0	1.929	0.0	0.0	1.913	0.0	0.0	2.247	0.0	0.0	2.219	0.0
197	1995	1996	NS	1	0.0	28.242	12.779	0.0	25.215	13.497	0.0	254.219	5.586	0.0	212.316	4.701	0.0	1.921	0.0	0.0	1.898	0.0	0.0	2.239	0.0	0.0	2.216	0.0
198	1995	1996	SN	1	0.0	32.197	23.682	0.0	265.66	24.068	0.0	131.009	11.715	0.0	38.71	11.744	0.0	2.018	0.0	0.0	2.098	0.0	0.0	2.346	0.0	0.0	2.439	0.0
199	1995	1996	NS	1	0.0	38.966	24.304	0.0	32.086	24.223	0.0	128.717	14.878	0.0	215.868	14.314	0.0	1.929	0.0	0.0	1.913	0.0	0.0	2.247	0.0	0.0	2.219	0.0
200	1995	1996	SN	1	0.0	25.727	13.068	0.0	254.581	13.239	0.0	115.655	2.552	0.0	25.81	2.847	0.0	2.026	0.0	0.0	2.125	0.0	0.0	2.345	0.0	0.0	2.432	0.0
201	1995	1996	SN	1	0.0	25.727	13.068	0.0	254.581	13.239	0.0	115.655	2.552	0.0	25.81	2.847	0.0	2.026	0.0	0.0	2.125	0.0	0.0	2.345	0.0	0.0	2.432	0.0
202	1995	1996	NS	1	0.0	28.242	12.779	0.0	25.215	13.497	0.0	254.219	5.586	0.0	212.316	4.701	0.0	1.921	0.0	0.0	1.898	0.0	0.0	2.239	0.0	0.0	2.216	0.0
203	1995	1996	SN	1	0.0	32.197	23.682	0.0	265.66	24.068	0.0	131.009	11.715	0.0	38.71	11.744	0.0	2.018	0.0	0.0	2.098	0.0	0.0	2.346	0.0	0.0	2.439	0.0
204	1996	1997	NS	1	0.0	28.209	12.748	0.0	26.036	13.484	0.0	259.332	5.647	0.0	187.223	4.72	0.0	1.921	0.0	0.0	1.897	0.0	0.0	2.239	0.0	0.0	2.217	0.0
205	1996	1997	SN	1	0.0	25.733	13.088	0.0	27.939	13.284	0.0	98.25	2.514	0.0	24.393	2.796	0.0	2.042	0.0	0.0	2.131	0.0	0.0	2.381	0.0	0.0	2.466	0.0
206	1996	1997	NS	1	0.0	39.016	24.294	0.0	32.042	24.215	0.0	266.01	14.942	0.0	192.247	14.272	0.0	1.932	0.0	0.0	1.913	0.0	0.0	2.246	0.0	0.0	2.218	0.0
207	1996	1997	NS	1	0.0	39.016	24.294	0.0	32.042	24.215	0.0	266.01	14.942	0.0	192.247	14.272	0.0	1.932	0.0	0.0	1.913	0.0	0.0	2.246	0.0	0.0	2.218	0.0
208	1996	1997	SN	1	0.0	32.384	23.688	0.0	39.551	24.032	0.0	102.778	11.738	0.0	40.502	11.704	0.0	2.052	0.0	0.0	2.125	0.0	0.0	2.346	0.0	0.0	2.472	0.0
209	1996	1997	SN	1	0.0	25.733	13.088	0.0	27.939	13.284	0.0	98.25	2.514	0.0	24.393	2.796	0.0	2.042	0.0	0.0	2.131	0.0	0.0	2.381	0.0	0.0	2.466	0.0
210	1996	1997	NS	1	0.0	28.209	12.748	0.0	26.036	13.484	0.0	259.332	5.647	0.0	187.223	4.72	0.0	1.921	0.0	0.0	1.897	0.0	0.0	2.239	0.0	0.0	2.217	0.0
211	1996	1997	SN	1	0.0	32.384	23.688	0.0	39.551	24.032	0.0	102.778	11.738	0.0	40.502	11.704	0.0	2.052	0.0	0.0	2.125	0.0	0.0	2.346	0.0	0.0	2.472	0.0
212	1997	1998	NS	1	0.0	28.22	12.927	0.0	26.036	13.384	0.0	260.837	6.133	0.0	14.129	4.922	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.217	0.0
213	1997	1998	NS	1	0.0	38.906	24.325	0.0	32.103	24.214	0.0	107.987	14.905	0.0	163.564	14.312	0.0	1.924	0.0	0.0	1.911	0.0	0.0	2.247	0.0	0.0	2.217	0.0
214	1997	1998	NS	1	0.0	38.906	24.325	0.0	32.103	24.214	0.0	107.987	14.905	0.0	163.564	14.312	0.0	1.924	0.0	0.0	1.911	0.0	0.0	2.247	0.0	0.0	2.217	0.0
215	1997	1998	SN	1	0.0	36.84	23.678	0.0	39.54	23.98	0.0	50.385	11.681	0.0	49.696	11.754	0.0	2.023	0.0	0.0	2.09	0.0	0.0	2.342	0.0	0.0	2.443	0.0
216	1997	1998	NS	1	0.0	28.22	12.731	0.0	26.036	13.462	0.0	260.837	5.675	0.0	145.668	4.735	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.217	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors

217	1997	1998	SN	1	0.0	25.727	13.055	0.0	27.922	13.297	0.0	75.076	2.493	0.0	55.332	2.75	0.0	2.033	0.0	0.0	2.121	0.0	0.0	2.342	0.0	0.0	2.452	0.0
218	1998	1999	NS	1	0.0	28.226	13.083	0.0	24.713	13.39	0.0	223.694	6.527	0.0	14.124	5.244	0.0	1.92	0.0	0.0	1.895	0.0	0.0	2.241	0.0	0.0	2.217	0.0
219	1998	1999	SN	1	0.0	25.739	13.053	0.0	28.038	13.312	0.0	42.846	2.463	0.0	95.713	2.707	0.0	1.977	0.0	0.0	2.098	0.0	0.0	2.323	0.0	0.0	2.347	0.0
220	1998	1999	SN	1	0.0	32.191	23.597	0.0	39.584	23.989	0.0	76.675	11.668	0.0	88.13	11.661	0.0	1.989	0.0	0.0	2.063	0.0	0.0	2.313	0.0	0.0	2.329	0.0
221	1998	1999	NS	1	0.0	38.889	25.33	0.0	30.117	23.639	0.0	220.655	16.489	0.0	15.525	13.77	0.0	1.931	0.0	0.0	1.913	0.0	0.0	2.249	0.0	0.0	2.218	0.0
222	1998	1999	NS	1	0.0	28.226	12.721	0.0	25.226	13.45	0.0	223.694	5.699	0.0	141.835	4.757	0.0	1.92	0.0	0.0	1.895	0.0	0.0	2.241	0.0	0.0	2.217	0.0
223	1998	1999	NS	1	0.0	38.889	24.357	0.0	32.136	24.252	0.0	220.655	14.898	0.0	143.622	14.318	0.0	1.931	0.0	0.0	1.913	0.0	0.0	2.249	0.0	0.0	2.218	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors