

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S		
1	VEI	EDATE	BIFD	ADATE	STIMEI	STIMEO	DURI	STIMEI	JT	ORBIT	JFIN	LA	LAT1	EV	LOI	LOH	ALT	ATYP	ADIA	ACOMMENT	
2	5	1994-01-19	AFSATCOM	1999-09-11	2000			0	1632	G		0		E	308		35784	UNK	UNK	SFC119 Decoder problem.	
3	5	1994-01-19	AFJACME	1999-04-19	2038			0	1738	G		0		E	195		35784	UNK	UNK	SFC119 Temperature sensor failure / AP-OUIET-UNSETTLED, SOLAR+LOW EP-BACKGR	
4	5	1994-01-19	AMPTE/CCE	1987-10-19	1408			0	0120	E	N	5		E	168		54810	UNK	UNK	SFC118 Power supply problem.	
5	5	1986-12-11	@FN0101	1978-10-04	1915			0	0129	G	N	0		0	W	104	0	35784	PC	ESD	ENCODER 2 MODE SWITCH
6	5	1986-12-11	@FN0102	1978-06-15	2038			0	0346	G	N	0		0	W	104	0	35784	PC	ESD	ENCODER 2 MODE SWITCH - SENSOR TO PAM
7	5	1986-12-11	@FN0102	1974-07-28	2138			0	0142	G	N	0		0	W	104	0	35784	PC	ESD	ENCODER 1 & 2 MODE SWITCH
8	5	1986-12-11	@FN0103	1977-07-24	0157			0	0121	G	N	0		0	W	114	0	35784	PC	ESD	ENCODER 1 MODE SWITCH
9	5	1986-12-11	@FN0103	1983-02-21	0124			0	0148	G	N	0		0	W	114	0	35784	PC	ESD	ENCODER 1 MODE SWITCH
10	5	1986-12-11	@FN0103	1983-04-13	0138			0	0146	G	N	0		0	W	118	0	35784	PC	ESD	ENCODER 1 MODE SWITCH
11	5	1986-12-11	@FN0103	1983-09-14	0101			0	0125	G	N	0		0	W	114	0	35784	PC	ESD	ENCODER 1 MODE SWITCH
12	5	1986-12-11	@FN0103	1984-04-17	0103			0	0127	G	N	0		0	W	114	0	35784	PC	ESD	ENCODER 1 MODE SWITCH
13	5	1986-12-11	@FN0103	1984-08-19	0423			0	0247	G	N	0		0	W	114	0	35784	PC	ESD	ENCODER 1 MODE SWITCH
14	5	1986-12-11	@FN0103	1984-09-01	0143			0	0507	G	N	0		0	W	114	0	35784	PC	ESD	ENCODER 1 MODE SWITCH
15	5	1986-12-11	@FN0201	1979-09-07	7037			0	0021	G	N	0		0	W	109	0	35784	PC	ESD	ESA-1 NES DE-HUBIT
16	5	1989-06-17	@FN0301	1995-11-14	1530			0	0910	G	N	0		0	W	110	0	35784	FF	UNK	APV 1 Stalled
17	5	1989-06-17	@FN0301	1986-02-02	0659			0	0747	G	N	0		0	W	108	0	35784	PC	ESD	Spin Encoder 2 Mode Switch
18	5	1989-06-19	@FN0301	1987-10-23	1829			0	0117	G	N	0		0	W	108	0	35784	FF	UNK	APV 1 Stalled (during manual stepping)
19	5	1989-06-19	@FN0301	1987-11-05	1501			0	0749	G	N	0		0	W	108	0	35784	FF	UNK	APV 1 Stalled (during manual stepping)
20	5	1989-06-19	@FN0301	1987-12-13	2000			0	0248	G	N	0		0	W	108	0	35784	FF	UNK	APV 1 Stalled (during manual stepping)
21	5	1989-05-10	@FN0301	1988-09-21	7000			0	0152	G	N	0		0	W	107	0	35784	UNK	UNK	Communications Receiver 1 Failed
22	5	1989-06-17	@FN0302	1984-08-12	0100			0	0180	G	N	0		0	W	105	0	35784	FF	UNK	TVTTA 2H Low Gain - Declared Failed
23	5	1989-06-17	@FN0302	1984-09-30	0652			0	0152	G	N	0		0	W	105	0	35784	PC	ESD	Encoder 2 Subcom 4 Switch to Dwell
24	5	1989-06-17	@FN0302	1984-12-07	7047			0	0047	G	N	0		0	W	105	0	35784	PC	ESD	Encoder 1 Subcom 3 Switch to Dwell
25	5	1989-06-17	@FN0302	1984-12-08	0123			0	0123	G	N	0		0	W	105	0	35784	UNK	UNK	BOVM 3 Subcom - Partial Data Loss
26	5	1989-12-11	@FN0302	1984-12-19	0143			0	0753	G	N	0		0	W	105	0	35784	PC	ESD	ENCODER SUBCOM 4 SWITCH TO DWELL
27	5	1989-06-17	@FN0302	1984-12-20	1528			0	0828	G	N	0		0	W	105	0	35784	PC	ESD	Encoder 1 Subcom 3 Switch to Dwell
28	5	1989-06-17	@FN0302	1985-01-20	0946			0	0246	G	N	0		0	W	105	0	35784	PC	ESD	Encoder 1 Subcom 1 Error Data
29	5	1989-12-11	@FN0302	1985-03-07	0137			0	0937	G	N	0		0	W	105	0	35784	PC	ESD	ENCODER 1 SUBCOM 1 SWITCH TO DWELL
30	5	1989-06-17	@FN0302	1985-03-30	7000			0	0700	G	N	0		0	W	105	0	35784	FF	UNK	TVTTA 1V LOW GAIN - Declared Failed
31	5	1989-12-11	@FN0302	1985-10-21	1157			0	0437	G	N	0		0	W	110	0	35784	PC	ESD	ENCODER 1 SUBCOM 3 SWITCH TO DWELL
32	5	1989-06-17	@FN0302	1985-11-17	0143			0	0423	G	N	0		0	W	110	0	35784	FF	UNK	TVTTA 3HV Trip-Off
33	5	1989-12-11	@FN0302	1986-01-30	7010			0	0150	G	N	0		0	W	110	0	35784	PC	ESD	SPN ENCODER 2 MODE SWITCH
34	5	1989-06-19	@FN0302	1986-02-21	1508			0	0848	G	N	0		0	W	110	0	35784	UNK	UNK	ACC 2 Earth West-East Bias Change
35	5	1989-12-11	@FN0302	1986-02-24	0119			0	0859	G	N	0		0	W	110	0	35784	PC	ESD	SPN ENCODER 2 MODE SWITCH
36	5	1989-12-11	@FN0302	1986-03-05	0738			0	0819	G	N	0		0	W	110	0	35784	PC	ESD	SPN ENCODER 2 MODE SWITCH
37	5	1989-06-19	@FN0302	1986-04-02	0154			0	0934	G	N	0		0	W	110	0	35784	UNK	UNK	ACC 2 Earth West-East Bias Change
38	5	1989-06-19	@FN0302	1986-04-13	1146			0	0426	G	N	0		0	W	110	0	35784	UNK	UNK	ACC 2 Earth West-East Bias Change
39	5	1989-06-19	@FN0302	1987-09-04	0430			0	0110	G	N	0		0	W	110	0	35784	PC	ESD	Spurious command (S001) in sp. decoder 1
40	5	1989-06-19	@FN0302	1987-09-09	0606			0	0146	G	N	0		0	W	110	0	35784	UNK	UNK	TVTTA 3HV Trip-off
41	5	1989-06-19	@FN0302	1987-10-15	1546			0	0926	G	N	0		0	W	110	0	35784	UNK	UNK	TVTTA 3HV Trip-off
42	5	1989-06-19	@FN0302	1988-06-07	0958			0	0238	G	N	0		0	W	110	0	35784	PC	UNK	TVTTA 3HV Trip-off
43	5	1989-05-10	@FN0302	1989-01-27	0142			0	0342	G	N	0		0	W	110	0	35784	PC	UNK	TVTTA 3HV Trip-off
44	5	1989-06-19	@FN0302	1989-04-17	1140			0	0620	G	N	0		0	W	110	0	35784	PC	UNK	TVTTA 3HV Trip-off
45	5	1989-06-19	@FN0302	1989-04-19	1502			0	0742	G	N	0		0	W	110	0	35784	PC	UNK	TVTTA 3HV Trip-off
46	5	1989-06-16	@FN0303	1993-04-05	0609			0	0216	G	N	0		0	W	118	0	35784	PC	ESD	AFE 1 Switch - CTR 1 to CTR 2
47	5	1989-06-16	@FN0303	1993-05-06	0229			0	0137	G	N	0		0	W	118	0	35784	PC	ESD	AFE 1 Switch - CTR 1 to CTR 2
48	5	1989-06-16	@FN0303	1993-06-16	0512			0	0120	G	N	0		0	W	118	0	35784	PC	ESD	AFE 1 Switch - CTR 1 to CTR 2
49	5	1989-12-11	@FN0303	1993-07-20	0137			0	0246	G	N	0		0	W	118	0	35784	PC	ESD	ACC 1 AND - 1 SWITCH OFF
50	5	1989-06-16	@FN0303	1993-10-11	1002			0	0210	G	N	0		0	W	118	0	35784	PC	ESD	AFE 2 Switch - AUTO step to CMD Step
51	5	1989-06-16	@FN0303	1993-10-19	1254			0	0502	G	N	0		0	W	118	0	35784	PC	ESD	AFE 2 Switch - AUTO step to CMD Step
52	5	1989-06-16	@FN0303	1993-10-19	0601			0	0129	G	N	0		0	W	118	0	35784	PC	ESD	AFE 2 Switch - CTR 1 to CTR 2 APK to HGT
53	5	1989-06-16	@FN0303	1993-10-31	7032			0	0340	G	N	0		0	W	118	0	35784	PC	ESD	AFE 2 Switch - CTR 2 to CTR 1 HGT to APK
54	5	1989-06-16	@FN0303	1993-11-03	0600			0	0208	G	N	0		0	W	118	0	35784	PC	ESD	AFE 2 Switch - CTR 1 to CTR 2 APK to HGT
55	5	1989-06-16	@FN0303	1993-11-10	1137			0	0946	G	N	0		0	W	118	0	35784	PC	ESD	AFE 2 Switch - CTR 2 to CTR 1 HGT to APK
56	5	1989-06-16	@FN0303	1993-12-09	2100			0	0508	G	N	0		0	W	118	0	35784	PC	ESD	AFE 2 Switch - CTR 1 to CTR 2 APK to HGT
57	5	1989-06-16	@FN0303	1993-12-12	2238			0	0146	G	N	0		0	W	118	0	35784	PC	ESD	AFE 2 Switch - CTR 2 to CTR 1 HGT to APK
58	5	1989-06-16	@FN0303	1993-12-13	0247			0	0155	G	N	0		0	W	118	0	35784	PC	ESD	AFE 2 Switch - AUTO Step to CMD Step
59	5	1989-06-16	@FN0303	1993-12-13	0247			0	0155	G	N	0		0	W	118	0	35784	PC	ESD	AFE 2 Switch - AUTO Step to CMD Step

그림 2-41 NOAA에서 제공하는 위성 이상 현상 현황 목록

NOAA에서 제공하고 있는 방사선 영향 위성 이상 현상 목록(그림 2-41)은 다음과 같은 정보를 포함하고 있다.

- ① 위성 장애 리스트에 등재된 날짜
- ② 위성 식별명
- ③ 위성 장애가 발생한 날짜
- ④ 위성 장애가 시작된 시간 (분단위)
- ⑥ 위성 장애가 지속된 시간 (분단위)
- ⑦ 위성 장애가 발생한 지방시
- ⑧ 위성의 궤도별 종류
- ⑨ 위성의 북반구 및 남반구 위치
- ⑩ 위성 장애가 발생했을 때 위성이 위치한 위도
- ⑪ 경도에 따른 동서 방향 구분
- ⑫ 위성 장애가 발생했을 때 위성이 위치한 정도
- ⑬ 위성의 고도
- ⑭ 위성 장애 현상 분류
- ⑮ 위성 장애 현상 진단
- ⑯ 위성 장애 현상 관련 주석
- ⑰ 태양-위성-지구간의 각도