

DATE	GMT OF FIRST MOTION					TYPE OF ONSET	OBSERVABLE ON SHORT PER LONG PER									REMARKS
	NS	EW	Z	NS	EW		Z	NS	EW	Z						
15 DEC 68	02	39	29	E	*	*	*	-	-	-						
16 DEC 68	03	14	05	E	*	*	*	-	-	-						
17 DEC 68	12	10	52	E	S	E	U	N	*	D						
19 DEC 68	15	27	27.8	I	S	*	U	-	-	-						
19 DEC 68	16	30	11.0	I	N	E	U	*	*	*						
22 DEC 68	16	53	31.3	I	*	*	D	*	*	*						
29 DEC 68	17	42	26.8	I	N	*	U	*	*	*						
30 DEC 68	07	11	51.8	I	*	W	U	*	*	*						
01 JAN 69	23	36	40	E	*	*	*	-	-	-						
03 JAN 69	03	29	32	E	*	*	*	-	-	-						
03 JAN 69	05	24	03	E	*	*	*	-	-	-						
03 JAN 69	11	25	05	E	*	*	*	-	-	*						
03 JAN 69	13	38	48	E	*	*	*	*	*	*						
05 JAN 69	13	41		E	-	-	-	*	-	*						
05 JAN 69	13	45	27.8	I	N	*	D	*	*	*						
06 JAN 69	09	30	33.1	I	*	*	U	*	*	*						
06 JAN 69	15	57	45	E	*	*	*	-	-	-						
06 JAN 69	20	28	37	E	*	*	*	-	-	-						
14 JAN 69	23	24	07.0	I	*	*	U	RF	*	*						
18 JAN 69	03	20	30	E	*	*	*	-	-	*						
18 JAN 69	04	09	10.5	E	*	*	*	-	-	-						
19 JAN 69	07	14	20.2	I	S	E	U	S	E	U						
19 JAN 69	18	59	50	E	*	*	*	*	*	*						
19 JAN 69	19	09	27.6	I	S	E	U	*	*	*						
20 JAN 69	14	31	23.7	I	S	E	U	*	*	*						
20 JAN 69	19	28		E	*	*	*	-	-	-						
21 JAN 69	08	12	50	E	-	*	*	RF	*	*						
22 JAN 69	00	53	43.7	I	*	*	U	*	*	*						
24 JAN 69	02	50	32.0	I	*	*	U	*	*	*						
25 JAN 69	05	38	24	E	-	*	*	-	-	*						
25 JAN 69	13	32	22.2	I	*	*	U	-	-	-						
26 JAN 69	15	16	48.7	I	*	*	U	*	*	*						
28 JAN 69	13	52	06	E	*	*	*	-	-	-						
30 JAN 69	10	45	36	E	-	-	-	-	-	*						
31 JAN 69	01	03	15	E	-	*	*	-	-	*						
31 JAN 69	04	21	49	E	*	-	*	-	-	-						
02 FEB 69	10	03	01	E	*	*	*	-	-	*						
03 FEB 69	19	24	03	E	-	-	*	-	-	*						
03 FEB 69	21	57	45	E	-	-	-	-	-	*						
03 FEB 69	22	00	46.9	I	*	*	U	*	*	U						
04 FEB 69	04	19	07.0	I	S	*	U	*	*	*						
10 FEB 69	23	15	31.5	I	*	*	U	*	*	*						
11 FEB 69	22	34	38	E	*	*	*	*	*	*						
12 FEB 69	15	51	07.2	I	-	-	U	-	-	-						
13 FEB 69	03	02	02	E	*	*	*	-	-	-						
13 FEB 69	01	46	01	E	*	*	*	-	-	-						
14 FEB 69	13	16	50	E	S	*	D	-	-	*						
15 FEB 69	11	22	02	E	*	*	*	*	*	*						
16 FEB 69	19	02		E	*	*	*	*	*	*						
20 FEB 69	10	14	41	E	-	-	*	-	-	*						

DATE	GMT OF FIRST MOTION					TYPE OF ONSET	OBSERVABLE ON SHORT PER LONG PER									REMARKS
							NS	EW	Z	NS	EW	Z				
22 FEB 69	23	17	03.5			I	*	*	U	-	-	-				
23 FEB 69	00	56	15.3			E	*	*	U	*	*	D				
24 FEB 69	00	28	01			E	*	*	*	*	*	*				
24 FEB 69	22	50	43			E	*	*	D	-	-	-				
25 FEB 69	07	29	34.0			I	S	*	D	-	-	*				
27 FEB 69	05	23				E	*	*	D	-	-	-				
28 FEB 69	02	59	27			I	S	W	U	S	W	U				
28 FEB 69	04	34	40			E	*	*	D	-	-	-				
03 MAR 69	01	09	49			E	*	*	*	*	*	*				
03 MAR 69	15	01	13.5			I	*	*	U	-	-	-				
04 MAR 69	02	07	26			E	*	*	*	-	-	-				
05 MAR 69	19	47				E	-	-	*	-	-	*				
06 MAR 69	17	16	25			E	-	*	*	-	-	-				
06 MAR 69	17	38	34.3			I	N	E	U	-	-	-			LOCAL	
08 MAR 69	10	32	57.8			I	S	*	U	-	-	-				
10 MAR 69	07	12	51.0			I	*	*	U	*	*	*				
10 MAR 69	08	21	10.9			I	N	*	U	*	*	*				
13 MAR 69	18	58				E	-	-	*	-	-	-				
13 MAR 69	20	58	50.8			I	S	E	D	-	-	-				
13 MAR 69	22	28	20			E	*	*	*	-	-	-				
14 MAR 69	06	53	03.1			I	N	E	U	N	E	U				
15 MAR 69	12	04				E	*	*	*	*	*	*				
15 MAR 69	13	46	10			E	*	*	*	*	*	*				
16 MAR 69	16	07	28.5			I	*	*	D	*	*	*				
18 MAR 69	04	35	03.2			I	*	*	D	-	-	-				
18 MAR 69	16	29	10.5			I	*	*	D	*	*	*				
18 MAR 69	20	07	20			E	-	-	-	*	*	*				
18 MAR 69	20	40				E	-	-	-	*	*	*				
20 MAR 69	07	23	17			E	-	*	-	-	W	-				
20 MAR 69	16	37	56.0			I	*	*	D	*	*	*				
21 MAR 69	03	13				E	*	*	*	*	*	*				
21 MAR 69	12	40				E	*	*	*	*	*	*				
21 MAR 69	16	45				E	*	*	*	*	*	*				
21 MAR 69	18	14				E	*	*	*	*	*	*				
22 MAR 69	07	31				E	*	*	*	*	*	*				
23 MAR 69	11	54				E	-	-	*	-	-	-				
23 MAR 69	15	54				E	*	*	*	RF	RF	RF				
23 MAR 69	21	20	32.4			I	N	E	D	RF	RF	RF				
24 MAR 69	09	18				E	*	*	*	RF	RF	RF				
25 MAR 69	13	33	19			E	*	*	D	RF	RF	D				
26 MAR 69	13	00	34			E	*	*	*	*	*	*				
28 MAR 69	02	00	20.9			E	*	*	D	E	*	D				
28 MAR 69	15	25	30			E	-	-	*	-	-	-				
29 MAR 69	09	32				E	-	-	*	-	-	*				
31 MAR 69	19	38	12.5			I	*	*	U	RF	RF	*				
01 APR 69	16	58				E	*	*	*	-	-	-				
01 APR 69	21	25	53			E	*	*	*	*	*	*				
03 APR 69	23	23	33			E	*	*	*	-	-	-				
04 APR 69	08	56	23.9			I	N	*	D	-	-	*				
04 APR 69	16	22	35.2			I	*	*	U	*	*	*				

DATE	GMT OF FIRST MOTION					TYPE OF ONSET	OBSERVABLE ON SHORT PER LONG PER						REMARKS
	NS	EW	Z	NS	EW		Z	NS	EW	Z			
04 APR 69	23	06				E	*	*	*	*	*	*	
05 APR 69	07	13	25			E	*	*	*	*	*	*	
05 APR 69	23	33	35.6			E	*	*	D	*	-	D	
06 APR 69	04	01	08			I	*	W	D	-	-	-	
13 APR 69	17	43	40			E	-	-	*	-	-	-	
13 APR 69	23	52	11			E	*	*	*	*	*	*	
15 APR 69	22	33	41.3			I	N	E	D	-	-	-	
16 APR 69	01	41	42			E	*	*	*	*	*	*	
16 APR 69	23	07	37			E	*	*	*	-	-	-	
16 APR 69	23	34	01			E	*	*	*	-	-	-	
17 APR 69	06	12	44			E	-	-	*	-	-	-	
19 APR 69	09	04	51.2			I	*	*	U	*	*	*	
21 APR 69	02	25	02.3			I	N	*	U	*	*	*	
22 APR 69	06	43	38			E	*	*	*	*	*	*	
22 APR 69	08	24	26.4			I	*	*	U	*	*	*	
26 APR 69	06	10	08.5			I	*	*	U	N	*	U	
28 APR 69	23	27	09.4			I	S	E	U	*	RF	D	
03 MAY 69	08	35	16			E	*	*	U	-	-	-	
04 MAY 69	05	43	31.0			I	*	*	U	*	*	*	
05 MAY 69	14	03	58			E	*	*	U	-	-	-	
05 MAY 69	22	55	17.5			E	*	*	D	-	-	-	
07 MAY 69	13	51	11.0			I	N	E	U	*	*	*	
13 MAY 69	14	22	00.3			I	S	*	D	*	E	*	
13 MAY 69	14	48	42.2			I	N	E	D	*	*	*	
13 MAY 69	17	44	36.5			I	*	*	U	*	*	*	
14 MAY 69	10	17	10.5			I	*	E	D	*	*	*	
14 MAY 69	13	55	08.2			I	N	*	U	*	*	*	
14 MAY 69	19	43	40.0			I	S	E	U	S	E	U	
15 MAY 69	20	49	21.5			I	*	*	U	*	W	U	
15 MAY 69	22	27	05.5			E	*	*	*	-	-	-	
18 MAY 69	08	52	23			E	*	*	U	-	-	*	
22 MAY 69	15	00	13.0			I	N	*	U	-	-	-	
22 MAY 69	22	50	02			E	-	-	*	-	-	-	
23 MAY 69	13	14	02.0			I	N	W	D	*	*	D	
26 MAY 69	06	00				E	*	*	*	*	*	*	
28 MAY 69	13	37	50			E	*	*	*	*	*	*	
31 MAY 69	11	14	56.5			I	N	*	U	-	-	-	
01 JUNE 69	18	58	20			E	*	-	*	*	*	*	
02 JUNE 69	09	56	09			E	*	*	*	*	*	*	
03 JUNE 69	04	04	37			E	*	*	*	*	*	*	
07 JUNE 69	22	57	20			E	RF	*	*	-	*	*	
08 JUNE 69	06	20	05			E	RF	-	*	-	-	-	
08 JUNE 69	15	01	06			E	*	*	U	*	*	*	
09 JUNE 69	07	10	21			E	RF	-	*	*	*	*	
11 JUNE 69	01	06	15.9			I	N	*	D	*	*	*	
11 JUNE 69	01	13	05.9			I	*	*	D	*	*	*	
11 JUNE 69	21	24	13			E	*	*	U	-	-	-	
12 JUNE 69	07	54	04			E	*	*	*	*	*	*	
12 JUNE 69	15	25	23.3			I	*	*	U	*	*	*	
13 JUNE 69	09	00	26.3			I	S	E	U	S	E	U	

DATE	GMT OF FIRST MOTION			TYPE OF ONSET	OBSERVABLE ON SHORT PER LONG PER						REMARKS
	NS	EW	Z		NS	EW	Z	NS	EW	Z	
14 JUNE 69	03	41	41	E	*	*	U	*	*	*	
14 JUNE 69	13	59	19	E	*	*	D	-	-	-	
15 JUNE 69	17	16	03	E	*	*	*	*	*	*	
17 JUNE 69	19	44	32.9	I	*	*	U	*	*	*	
18 JUNE 69	00	17	34	E	*	*	*	*	*	*	
18 JUNE 69	01	46	58	E	*	*	*	*	*	*	
18 JUNE 69	23	54	10	E	*	*	*	*	*	*	
19 JUNE 69	19	08	19	E	*	*	U	-	-	-	
20 JUNE 69	02	47	23.8	I	N	W	D	N	W	D	
21 JUNE 69	15	30	43.1	I	*	*	D	-	-	-	
21 JUNE 69	22	38	50	E	*	*	*	*	*	*	
22 JUNE 69	02	45	41.3	I	*	*	D	*	*	*	
22 JUNE 69	10	56	05.5	I	S	E	U	S	E	U	
22 JUNE 69	14	35	44	E	*	*	*	*	*	*	
23 JUNE 69	07	14	51.6	I	S	W	D	*	*	*	
24 JUNE 69	00	41	10.0	I	N	*	U	*	*	*	
27 JUNE 69	02	28	36	E	*	*	*	*	*	*	
28 JUNE 69	04	40	43.3	I	*	*	U	*	*	U	
29 JUNE 69	11	03	30	E	-	-	-	*	*	*	
29 JUNE 69	11	07	31	E	*	*	*	*	*	*	
29 JUNE 69	17	28	35	E	*	*	*	*	*	*	
01 JUL 69	18	56	10	E	-	*	U	*	*	*	
03 JUL 69	17	04	57	E	*	*	*	*	*	*	
04 JUL 69	06	40	44	E	*	*	U	*	*	*	
04 JUL 69	11	22	24	E	*	*	*	*	*	*	
04 JUL 69	23	14	00	E	*	*	*	*	*	*	
05 JUL 69	02	03	07	E	-	-	*	*	*	*	
05 JUL 69	05	03	55	E	*	*	*	*	*	*	
08 JUL 69	08	20	40	E	*	-	D	*	*	*	
09 JUL 69	02	06	41	E	*	*	*	*	*	*	
11 JUL 69	06	03	34	E	*	*	*	*	*	*	
11 JUL 69	07	57	24	E	*	*	*	*	*	*	
13 JUL 69	21	52	42	E	*	*	*	-	-	-	
16 JUL 69	08	28	10	E	*	*	*	*	*	*	
18 JUL 69	05	38	30	E	*	*	*	*	*	*	
18 JUL 69	23	27	19	E	*	*	*	*	*	*	
19 JUL 69	05	04	43	E	*	*	U	*	*	U	
23 JUL 69	05	32	34.8	I	*	*	U	-	-	-	
24 JUL 69	03	08	41	E	*	*	*	*	*	*	
25 JUL 69	06	16	46	E	*	*	*	*	*	*	
25 JUL 69	13	04	24	E	*	*	*	*	*	*	
26 JUL 69	07	27	05	E	*	*	*	*	*	*	
26 JUL 69	18	44	29	E	*	*	*	*	*	*	
27 JUL 69	21	29	53.0	I	*	*	D	*	*	*	
27 JUL 69	23	55		E	*	*	*	-	-	-	
28 JUL 69	06	38	43	E	*	*	*	*	*	*	
29 JUL 69	00	45	53	E	*	*	*	*	*	*	
31 JUL 69	11	33	04	E	*	*	*	*	*	*	
01 AUG 69	23	56	11	E	*	*	*	*	*	U	
02 AUG 69	00	46	46	E	*	*	*	*	*	*	

DATE	GMT OF FIRST MOTION					TYPE OF ONSET	OBSERVABLE ON SHORT PER LONG PER									REMARKS
							NS	EW	Z	NS	EW	Z				
02 AUG 69	05	03	20.5			I	*	*	U	*	*	*				
03 AUG 69	00	41	20			E	*	*	*	*	*	*				
04 AUG 69	10	34	11			E	*	*	*	*	*	*				
04 AUG 69	17	37	40			E	*	*	*	*	*	*				
05 AUG 69	02	32	18			E	*	*	*	*	*	*				
05 AUG 69	16	46				E	-	-	-	*	-	*				
05 AUG 69	16	51	14			E	*	*	*	*	*	*				
06 AUG 69	15	58	36			E	*	*	*	*	*	*				
07 AUG 69	19	00	06			E	*	*	*	*	*	*				
08 AUG 69	06	44	12			E	*	*	D	*	*	*				
08 AUG 69	11	26	35			E	*	*	*	*	*	*				
08 AUG 69	21	02	56			E	*	*	*	*	*	*				
11 AUG 69	20	21	46			E	*	*	*	*	*	*				
11 AUG 69	20	51	05			E	*	*	*	*	*	*				
11 AUG 69	21	39	17.5			I	*	*	U	*	*	U				
11 AUG 69	21	40	15			E	*	*	*	*	*	*				
11 AUG 69	23	15	35			E	*	*	*	*	*	*				
12 AUG 69	00	12	05			E	*	*	*	*	*	*				
12 AUG 69	03	40	21			E	*	*	*	*	*	*				
12 AUG 69	05	16	07			E	*	*	U	*	*	*				
13 AUG 69	03	41	55.5			I	*	*	D	*	*	*				
13 AUG 69	08	44	11.0			I	*	*	*	*	*	*				
13 AUG 69	23	09	43			E	*	*	*	*	*	*				
14 AUG 69	14	31	45.4			I	*	*	D	*	*	*				
15 AUG 69	04	44	43.0			I	*	*	U	*	*	*				
15 AUG 69	08	59				E	*	*	*	*	*	*				
16 AUG 69	15	28	12			E	*	*	U	*	*	*				
17 AUG 69	12	06	39			E	*	*	U	*	*	*				
17 AUG 69	20	19	16			E	*	*	*	*	*	U				
18 AUG 69	03	28	05			E	*	*	*	*	*	*				
18 AUG 69	07	57	10			E	*	*	*	*	*	*				
19 AUG 69	01	58	43			E	*	*	*	*	*	*				
19 AUG 69	09	02	34			E	*	*	*	*	*	*				
20 AUG 69	08	02	10.0			I	*	*	U	*	*	*				
30 AUG 69	01	34	13.2			I	*	*	D	*	*	*				
30 AUG 69	07	24	20			E	*	*	*	*	*	*				
30 AUG 69	08	07	12.3			I	*	*	U	*	*	*				
30 AUG 69	08	40	47			E	*	*	*	*	*	*				
31 AUG 69	23	53	43			E	*	*	*	*	*	*				
01 SEPT 69	08	34	31			E	*	*	*	*	*	*				
01 SEPT 69	10	02	35			E	*	*	*	*	*	*				
02 SEPT 69	03	57	58			E	*	*	*	*	*	*				
02 SEPT 69	16	45	35.5			I	N	E	U	*	*	*				
04 SEPT 69	03	21	08			E	*	*	*	*	*	*				
04 SEPT 69	18	29	21			E	*	*	*	*	*	*				
04 SEPT 69	21	25	18			E	*	*	*	*	*	*				
06 SEPT 69	07	56	11			E	*	*	*	*	*	*				
06 SEPT 69	15	39	36			E	*	*	*	*	*	*				
07 SEPT 69	09	42	29			E	*	*	*	*	*	*				
09 SEPT 69	05	33				E	*	*	*	*	*	*				

DATE	GMT OF FIRST MOTION			TYPE OF ONSET	OBSERVABLE ON SHORT PER LONG PER						REMARKS	
	NS	EW	Z		NS	EW	Z	NS	EW	Z		
10 SEPT	6921	20	06	E	*	*	*	*	*	*	*	
11 SEPT	6918	33	58	E	*	*	*	*	*	*	*	
12 SEPT	6909	07	47	I	*	*	U	*	*	*	*	
12 SEPT	6915	10	50	E	*	*	*	*	*	*	*	
13 SEPT	6911	03	21	E	*	*	*	*	*	*	*	
13 SEPT	6912	04	54.0	I	*	*	U	*	*	*	*	
15 SEPT	6914	56	37	E	*	*	*	*	*	*	*	
16 SEPT	6914	31	30	E	*	*	*	-	-	-	-	
16 SEPT	6914	36	10.5	I	S	E	U	*	*	*	*	
19 SEPT	6901	48	35	E	*	*	*	*	*	*	*	
20 SEPT	6905	15	37	E	*	*	*	S	E	U		
20 SEPT	6915	34	47.5	I	*	*	D	*	*	*	*	
21 SEPT	6902	11	20.4	I	*	*	D	-	-	*	*	
22 SEPT	6902	08		E	-	-	-	*	*	*	*	
22 SEPT	6913	57	16	E	*	*	*	*	*	*	*	
23 SEPT	6901	33	37	E	*	*	*	*	*	*	*	
23 SEPT	6923	44	00	E	*	*	*	*	*	*	*	
24 SEPT	6918	10	35	E	*	*	*	S	E	D		
26 SEPT	6907	12	04	E	*	*	*	*	*	*	*	
27 SEPT	6904	14	56.7	I	*	*	U	-	-	-	-	
27 SEPT	6909	18		E	*	*	*	*	*	*	*	
27 SEPT	6910	49	02	E	*	*	*	*	*	*	*	
28 SEPT	6923	06	00	E	*	*	*	*	*	*	*	
29 SEPT	6918	11		E	*	*	*	*	*	*	*	
01 OCT	69 05	14	58	E	*	*	*	*	*	*	*	
01 OCT	69 06	07	21	I	N	*	U	*	*	*	*	
01 OCT	69 08	37	29	E	*	*	*	*	*	*	*	
01 OCT	69 17	18	03	E	*	*	*	*	*	*	*	
02 OCT	69 22	16	49	E	S	E	U	*	*	*	*	
08 OCT	69 14	36	10.8	I	*	*	U	*	*	*	*	
09 OCT	69 08	09	42	E	*	*	*	*	*	*	*	
09 OCT	69 24	08	33	E	*	*	*	*	*	*	*	
13 OCT	69 01	13	48	E	*	*	D	*	*	*	*	
13 OCT	69 07	14	21	E	*	*	U	*	*	*	*	
14 OCT	69 07	10	26.6	I	S	W	U	*	*	*	*	
15 OCT	69 04	01	17	E	*	*	*	*	*	*	*	
17 OCT	69 01	43	30	E	RF	-	*	-	-	*	*	
17 OCT	69 01	44	03	E	RF	*	*	*	*	*	*	
18 OCT	69 08	55	01.5	I	S	*	U	*	*	*	*	
20 OCT	69 13	17	40	E	*	*	*	*	*	*	*	
20 OCT	69 15	26	17	I	N	E	U	*	*	*	*	
21 OCT	69 21	04	28	I	S	E	U	*	*	*	*	
22 OCT	69 10	31	53	I	*	*	U	*	*	*	*	
22 OCT	69 12	55	52	E	*	*	*	*	*	*	*	
22 OCT	69 22	58	24.3	I	*	W	D	*	*	*	*	
24 OCT	69 08	46	51	E	*	*	*	*	*	*	*	
26 OCT	69 15	47	37	E	RF	*	U	*	*	*	*	
26 OCT	69 21	58	24	I	RF	*	U	*	*	*	*	
27 OCT	69 08	21	43	I	RF	*	U	*	*	*	U	
29 OCT	69 22	08		E	*	*	*	*	*	*	*	

DATE		GMT OF FIRST MOTION				TYPE OF ONSET	OBSERVABLE ON SHORT PER LONG PER						REMARKS
		NS	EW	Z	NS		EW	Z					
29	OCT	69	22	31	48.8	I	N	*	D	-	-	-	
31	OCT	69	11	58	45	I	*	*	U	*	*	*	
01	NOV	69	11	14	39	E	*	*	*	*	*	*	
05	NOV	69	18	01	00.8	I	*	E	U	*	E	U	
06	NOV	69	20	30	58	I	*	*	D	*	*	*	
07	NOV	69	18	47	50	E	*	*	*	*	*	*	
12	NOV	69	19	18	58	E	*	*	*	*	*	*	
13	NOV	69	08	02	30.5	I	S	*	D	*	*	*	
20	NOV	69	01	01	14.0	I	S	E	D	*	*	*	
20	NOV	69	23	55	02	E	*	*	*	*	*	*	
21	NOV	69	02	25	01	E	*	*	*	*	*	*	
22	NOV	69	23	20	42	I	S	W	U	S	W	U	
24	NOV	69	21	19	07.0	I	N	*	U	*	*	*	
24	NOV	69	23	00	41.5	I	*	*	D	*	*	*	
26	NOV	69	21	37	37.4	I	S	*	RF	-	-	-	
1	DEC	69	19	58		E	*	*	*	-	-	-	
1	DEC	69	20	30		E	*	*	*	-	-	-	
1	DEC	69	22	19	46.0	E	*	*	*	*	*	*	
04	DEC	69	09	03	22.0	E	*	*	*	-	-	*	
06	DEC	69	07	15	38.6	I	*	W	U	-	-	-	
10	DEC	69	20	12	52.0	E	*	*	*	*	*	*	
13	DEC	69	03	30	03.0	I	N	*	U	*	*	*	
13	DEC	69	21	44	44.6	I	*	*	U	*	*	*	
14	DEC	69	03	01	15.0	E	*	*	*	*	*	*	
16	DEC	69	15	29	40.0	E	*	*	*	*	*	*	
18	DEC	69	13	44	09.3	I	S	E	U	*	*	U	
19	DEC	69	13	39	15.8	I	*	*	D	*	*	*	
22	DEC	69	11	29	17.0	E	*	*	*	*	*	*	
25	DEC	69	21	38	34.0	E	*	*	*	S	E	D	
26	DEC	69	00	27	41.7	I	*	*	D	*	*	*	
26	DEC	69	09	02		E	-	-	-	*	*	*	
26	DEC	69	10	46		E	-	-	-	*	*	*	
26	DEC	69	20	09		E	*	*	*	*	*	*	
27	DEC	69	09	30	55.0	E	*	*	*	*	*	*	
29	DEC	69	00	57	50.2	I	*	E	U	*	*	*	
31	DEC	69	19	01	27.0	E	*	*	*	*	*	*	
31	DEC	69	23	57	31.1	I	N	*	D	*	*	*	
1	JAN	70	18	39	12.0	E	*	*	*	-	*	*	
1	JAN	70	22	04	27.0	I	N	*	D	-	*	*	
4	JAN	70	17	19	30.0	E	*	*	*	*	*	*	
6	JAN	70	05	54	56.0	E	*	*	*	*	*	*	
6	JAN	70	13	07	08.7	I	N	*	U	*	*	*	
7	JAN	70	08	02	14.0	I	N	E	D	*	*	*	
9	JAN	70	23	35	54.0	I	*	*	D	*	*	*	
10	JAN	70	04	29	55.0	E	*	-	*	*	*	*	
10	JAN	70	12	22	45.0	E	-	-	-	*	*	*	
10	JAN	70	12	26	07.0	E	*	*	*	*	*	*	
14	JAN	70	02	42	13.0	E	*	*	*	*	*	*	
16	JAN	70	08	14	14.0	I	N	E	U	*	*	*	
20	JAN	70	07	34	40.0	E	*	*	*	*	*	*	