WS FORM F-6
(9-76)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: Desert Rock, NV

MONTH: June | YEAR: 1983

LATITUDE: 36° 37' N | LONGITUDE: 116° 01' W | GROUND ELEVATION (H): 3298 FT. | STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED ~~(mph)~~ kts	~~FASTEST MILE~~ Peak Spd SPEED ~~(m.p.h.)~~ kts	DIRECTION	SUNSHINE ~~TOTAL (Min.)~~ Ave. Stn Pres.	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity 0400	1000	1600	2000
1	2	3	4	5	6a	6b	7	8	9	10	11	12		14	15	16	17	18	19	20
1	79	57	68		0	3	0	0	0	13.0	33	SW	26.3	92	1		53	31	24	28
2	80	52	66		0	1	0	0	0	7.8	24	SW	26.5	94	0		53	37	16	37
3	83	53	68		0	3	0	0	0	7.3	28	SE	26.5	76	2		44	24	20	23
4	83	57	70		0	5	0	0	0	8.3	30	N	26.5	70	3		45	29	20	26
5	85	63	74		0	9	0	0	0	10.3	25	NE	26.6	80	2		47	28	20	20
6	91	66	79		0	14	0	0	0	8.1	20	SW	26.5	91	3		27	21	14	18
7	93	63	78		0	13	0	0	0	8.8	35	NW	26.5	48	8	T	29	22	16	20
8	89	62	76		0	11	0	0	0	10.0	30	SW	26.5	85	5		51	28	15	15
9	91	64	78		0	13	0	0	0	8.2	22	W	26.5	84	2		40	24	17	18
10	93	62	78		0	13	0	0	0	9.7	29	SW	26.5	91	1		32	20	16	13
11	87	69	78		0	13	0	0	0	12.8	34	S	26.3	52	5		20	25	22	26
12	84	63	74		0	9	0	0	0	10.0	33	S	26.5	97	0		32	20	11	14
13	85	60	73		0	8	0	0	0	10.0	30	E	26.7	100	0		25	13	7	11
14	90	60	75		0	10	0	0	0	7.0	19	SW	26.6	97	0		21	13	12	13
15	96	61	79		0	14	0	0	0	6.8	25	SW	26.5	77	4		19	9	12	16
16	99	65	82		0	17	0	0	0	7.9	23	W	26.5	79	6		22	14	14	15
17	100	70	85		0	20	0	0	0	11.3	30	SW	26.5	66	8		20	16	13	17
18	97	75	86		0	21	0	0	0	13.4	32	S	26.4	100	0		18	14	11	12
19	94	62	78		0	13	0	0	0	9.2	20	SW	26.4	100	0		20	19	13	13
20	93	65	79		0	14	0	0	0	10.5	32	S	26.4	100	0		19	16	7	10
21	93	69	81		0	16	0	0	0	12.1	31	SW	26.5	100	0		20	10	8	8
22	93	62	78		0	13	0	0	0	9.3	30	SW	26.6	100	0		24	14	8	16
23	94	61	78		0	13	0	0	0	9.1	34	SW	26.6	100	0		23	8	5	14
24	92	61	77		0	12	0	0	0	8.7	37	SW	26.5	96	0		23	12	13	15
25	94	62	78		0	13	0	0	0	7.1	22	SW	26.5	100	0		23	12	11	14
26	95	66	81		0	15	0	0	0	10.6	31	SW	26.5	100	0		25	19	13	15
27	93	65	79		0	14	0	0	0	9.6	29	SW	26.5	84	5		30	26	12	16
28	93	62	78		0	13	0	0	0	7.3	18	SW	26.6	100	0		30	20	16	15
29	94	63	79		0	14	0	0	0	9.9	28	SW	26.4	66	8		26	20	15	15
30	91	66	79		0	14	0	0	0	10.8	30	SW	26.4	66	8		30	23	16	21
31	—																			
SUM	2724	1886	—	—	0	361	0	0	—	284.9	—	—	794.2	—	71	—	891	587	417	514
AVG	90.8	62.9	—	—	—	—	—	—	—	9.5	FASTEST	DIRECTION	~~POSSIBLE~~	%		—	30	20	14	17
										MISC. →	37	SW	26.5	86	2.4	—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 76.8

DEPARTURE FROM NORMAL

HIGHEST 100 ON 17

LOWEST 52 ON 2

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 21

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL

SEASONAL TOTAL 3297 [redacted]

DEPARTURE FROM NORMAL

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 361

DEPARTURE FROM NORMAL

SEASONAL TOTAL 544 [redacted]

DEPARTURE FROM NORMAL

PRECIPITATION DATA

TOTAL FOR THE MONTH 0 IN.

DEPARTURE FROM NORMAL IN.

GREATEST IN 24 HRS. — ON

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. 0 ON

GREATEST DEPTH ON GROUND 0 ON

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 21

PARTLY CLOUDY (Scale 4–7) 5

CLOUDY (Scale 8–10) 4

WITH 0.01 INCH OR MORE PRECIP. 0

WITH 0.10 INCH OR MORE PRECIP. 0

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

T = Thunderstorm

MAXIMUM PRECIPITATION

Δt (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (Inches)												
ENDED: DATE												
TIME												

HIGHEST ~~SEA LEVEL~~ Stn. 26.23 IN. ON 13

LOWEST ~~SEA LEVEL~~ 26.20 IN. ON 1

WS FORM F-6 SUPERSEDES WS FORM F-6 (9-74) WHICH SHOULD BE USED UNTIL EXISTING STOCK IS DEPLETED.

☆ U.S. G.P.O. 1978-765-092/1151 REG. #6

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO. DESERT ROCK, NV

DATE: 1983 JUN 1

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.190	64.4	53.1	48	0															0	1	.070			00-01
01 49	26.190	63.0	49.2	36	0															0					01-02
02 50	26.200	61.0	48.7	41	0															0					02-03
03 49	26.210	57.9	48.8	53	0															0	3	.020			03-04
04 45	26.210	58.6	48.2	47	0															0					04-05
05 48	26.230	61.7	49.3	41	0															0					05-06
06 47	26.240	63.4	50.4	40	0															0	3	.030			06-07
07 48	26.250	65.6	50.9	36	0															0					07-08
08 47	26.250	68.1	52.0	33	0															0					08-09
09 45	26.250	70.4	53.0	31	0															0	1	.010			09-10
10 49	26.250	72.6	53.4	27	0															0					10-11
11 50	26.220	74.6	54.1	25	0															0					11-12
12 47	26.220	77.3	55.3	23	1	1	CU	100												1	7	.030			12-13
13 48	26.210	77.3	56.0	25	2															2					13-14
14 45	26.210	78.0	56.1	24	2															2					14-15
15 54	26.200	76.0	54.8	24	1	1	CU	100												1	7	.020			15-16
16 53	26.200	75.4	52.8	20	1															1					16-17
17 51	26.210	73.7	51.2	18	2															2					17-18
18 50	26.230	70.2	50.8	24	2	2	AC	100												2	3	.030			18-19
19 54	26.270	68.0	50.6	28	6															4					19-20
20 51	26.290	66.0	50.1	32	3															2					20-21
21 52	26.320	65.1	50.1	34	0															0	1	.090			21-22
22 50	26.350	62.2	49.8	42	2															2					22-23
23 46	26.360	61.2	49.9	45	4															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	65	57	X	X						X		
	0341	1	0	0	0	73	57		0								
	0938	2	0	0	0	72	57		0								
	1546	3	0	0	0	79	70		0								
	2148	4	0	0	0	76	65		0								
	MID.	X	0	0	0	65	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0944	1548	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.210	26.250	26.200	26.320
BAROGRAPH 64	26.205	26.255	26.205	26.320
BAR. CORR. 65	+.005	-.005	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	57	0	0	0	33	SW	1224					1	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 1213P ±4 Sec. 1 1925P ±4 Sec. 1 ± Sec.

SP/0

RS/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO. DESERT ROCK, NV

DATE 1983 JUN 1

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	CLR	20			968	64	44	25	07		956	124	JD
SA	0149	CLR	20			969	63	36	26	07		956		JD
SA	0250	CLR	20			974	61	37	32	04		957		JD
SA	0349	CLR	20			978	58	41	30	07		958	307 57 RADAT 56128	008
SA	0445	CLR	20			978	59	39	29	06		958		008
SA	0548	CLR	20			986	62	38	26	07		960		008
SA	0647	CLR	20			990	63	39	25	10		961	310	008
SA	0748	CLR	20			995	66	38	23	14		962		008
SA	0847	CLR	20			995	68	38	23	13 G 18		962		008
SA	0945	CLR	20			995	70	38	21	15 G 21		962	103 57	008
SA	1049	CLR	20			996	73	37	22	17 G 24		962	FEW CU N	008
SA	1150	CLR	20			987	75	36	21	21 G 26		959	FEW CU NW SE	008
SA	1247	100 SCT	20			985	77	37	21	21 G 28		959	710 1100	008
SA	1348	100 SCT	20			983	77	39	21	20 G 28		958		008
SA	1445	100 SCT	20			982	78	38	20	20 G 27		958		008
SA	1554	100 SCT	20			980	76	37	21	18 G 32		957	707 1100 79 RADAT	JC
/													49114	/
SA	1653	100 SCT	20			980	75	31	20	19 G 26		957		JC
SA	1751	100 SCT	20			985	74	28	22	18 G 26		958		JC
SA	1850	100 SCT	20			992	70	32	21	17 G 24		960	310 1070	JC
SA	1954	E100 BKN	20			006	68	34	22	13 G 21		965		JC
SA	2051	100 SCT	20			015	66	35	25	12		967		JC
SA	2152	CLR	20			025	65	36	28	09		970	130 79	JC
SA	2250	100 SCT	20			037	62	39	25	10		973		JC
SA	2346	100 SCT	20			040	61	40	27	07		974		JC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 JUN 2

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.380	57.6	48.8	54	0															0	1	.060			00-01
01 51	26.390	57.8	49.1	55	0															0					01-02
02 50	26.410	56.8	47.5	51	0															0					02-03
03 52	26.420	56.0	47.3	53	0															0	2	.040			03-04
04 48	26.440	52.4	45.1	57	0															0					04-05
05 45	26.460	56.6	47.5	52	0															0					05-06
06 46	26.480	65.1	48.8	29	0															0	2	.060			06-07
07 47	26.490	65.2	50.6	36	0															0					07-08
08 50	26.500	65.3	51.4	39	0															0					08-09
09 48	26.500	67.4	52.6	37	0	0	cu	100												0	1	.020			09-10
10 51	26.500	71.4	54.6	34	0															0					10-11
11 46	26.500	75.2	55.6	28	1															1					11-12
12 50	26.490	75.6	54.4	24	2	2	cu	100												2	8	.010			12-13
13 52	26.480	78.3	55.3	21	2															2					13-14
14 46	26.480	78.2	55.0	25	2															2					14-15
15 54	26.480	79.6	54.1	16	1	1	cu	100												1	6	.010			15-16
16 52	26.475	76.0	54.0	22	0															0					16-17
17 54	26.470	74.8	55.0	27	0															0					17-18
18 46	26.480	72.4	53.8	29	0	0	cu	100												0	5	.000			18-19
19 54	26.500	68.8	53.8	37	0															0					19-20
20 52	26.505	67.0	52.2	37	0															0					20-21
21 53	26.520	63.6	49.4	36	0															0	1	.040			21-22
22 54	26.530	63.8	50.0	38	0															0					22-23
23 52	26.530	58.2	46.0	39	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		61	56										
	0345	1	0	0	0	65	56		0								
	0942	2	0	0	0	69	52		0								
	1547	3	0	0	0	80	67		0								
	2148	4	0	0	0	80	64		0								
	MID.		0	0	0	64	58										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0947	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.500	26.480	26.520
BAROGRAPH 64	26.425	26.505	26.475	26.520
BAR. CORR. 65	-.005	-.005	+.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	52	0	0	0	24	SW	1459					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0904P ±3 Sec./ 1912P ±3 Sec./ ± Sec.

1000P - CHANGED BAROGRAM

SP/O

RS/O

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1983 JUN 2

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			049	58	41	27	07		977	120	JC
SA	0151	CLR	20			053	58	42	27	03		978		JC
SA	0250	CLR	20			061	57	39	29	04		980		JC
SA	0352	CLR	20			066	56	39	04	03		981	214 56 RADAT 64104	008
SA	0448	CLR	20			075	52	38	03	02		983		008
SA	0545	CLR	20			082	57	39	32	05		985		008
SA	0646	CLR	20			088	65	32	20	07		987	220	008
SA	0747	CLR	20			092	65	37	16	06		988		008
SA	0850	CLR	20			097	65	39	23	09		990		008
SA	0948	CLR	20			096	67	40	21	07		990	FEW CU NW S 107 1100 52	008
SA	1051	CLR	20			095	71	41	20	09 G 17		990		008
SA	1146	100 SCT	20			094	75	40	22	11 G 16		990		008
SA	1250	100 SCT	20			092	76	36	20	12 G 18		987	803 1100	008
SA	1352	100 SCT	20			086	78	36	23	12 G 20		987		008
SA	1446	100 SCT	20			087	78	35	23	11 G 17		987		008
SA	1554	100 SCT	20			086	80	30	22	13 G 18		988	603 1100 80 RADAT	JC
/													43115	/
SA	1652	CLR	20			089	76	34	22	13		987	FEW CU	JC
SA	1754	CLR	20			086	75	39	26	10		987	FEW CU	JC
SA	1846	CLR	20			085	72	38	25	10		988	500 1100	JC
SA	1954	CLR	20			095	69	42	24	06		990		JC
SA	2052	CLR	20			098	67	40	23	03		991		JC
SA	2153	CLR	20			104	64	36	31	04		992	114 80	JC
SA	2254	CLR	20			106	64	38	11	04		993		JC
SA	2352	CLR	20			107	58	33	08	06		993		JC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 JUN 3

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.525	60.1	48.1	41	0															0	0	.005			00-01
01 54	26.520	56.8	46.0	44	0															0					01-02
02 52	26.530	54.8	44.9	46	0															0					02-03
03 50	26.530	53.3	43.3	44	0															0	3	.005			03-04
04 47	26.530	54.4	44.1	44	0															0					04-05
05 46	26.540	59.0	46.7	39	0															0					05-06
06 52	26.565	66.5	50.3	31	0															0	3	.035			06-07
07 48	26.570	69.9	51.7	28	0															0					07-08
08 49	26.570	74.4	54.4	26	0															0					08-09
09 50	26.560	75.0	53.9	24	1	1	CU	100												1	8	.005			09-10
10 50	26.550	78.6	53.7	17	2															2					10-11
11 52	26.540	81.2	53.7	13	2															2					11-12
12 50	26.510	80.9	56.7	21	2	2	CU	100												2	8	.050			12-13
13 51	26.500	80.6	57.0	22	2															2					13-14
14 46	26.490	87.6	56.6	18	5															5					14-15
15 53	26.470	80.4	56.0	20	6	6	CU	E100												6	8	.040			15-16
16 51	26.460	80.6	55.9	19	6															6					16-17
17 54	26.460	77.8	55.2	22	5															5					17-18
18 46	26.470	74.8	52.8	21	2	2	CU	100												2	5	.000			18-19
19 53	26.480	72.8	52.4	23	6															6					19-20
20 50	26.500	69.4	50.6	25	8															8					20-21
21 53	26.510	67.4	49.8	27	8	8	AC	E100												8	2	.040			21-22
22 54	26.510	66.3	50.6	33	7															7					22-23
23 51	26.510	64.8	48.6	29	5															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	60	53	X	X						X		
	0341	1	0	0	0	64	53		0								
	0942	2	0	0	0	75	53		0								
	1548	3	0	0	0	83	75		0								
	2147	4	0	0	0	81	67		0								
	MID.	X	0	0	0	67	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.560	26.470	26.510
BAROGRAPH 64	26.535	26.565	26.460	26.510
BAR. CORR. 65	-.005	-.005	+.010	± 0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	53	0	0	0	28	SE	1048					2	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0200P ±3 Sec./ 1937P ±3 Sec./ ± Sec.

1250/1355 - 096 SLP

SP/0

RS/0

MF 1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 JUN 3

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIES INITIALS (15)
SA	0053	CLR	20			103	60	37	12	04		993	002	JC
SA	0154	CLR	20			102	57	35	15	04		992		JC
SA	0252	CLR	20			107	55	35	14	02		993		JC
SA	0350	CLR	20			108	53	32	12	03		993	302 53 RADAT 68109	008
SA	0447	CLR	20			109	54	33	14	05		993		008
SA	0546	CLR	20			110	59	34	19	02		994		008
SA	0652	CLR	20			118	67	35	29	02		997	312	008
SA	0748	CLR	20			120	70	35	29	03		997	FEW CU S	008
SA	0849	CLR	20			119	74	38	15	04		997	FEW CU S	008
SA	0950	100 SCT	20			115	75	35	10	08		996	802 1100 53	008
SA	1050	100 SCT	20			109	79	30	12	10	G28	995		008
SA	1152	100 SCT	20			109	81	26	15	07	G15	994		008
SA	1250	100 SCT	20			107	81	37	22	10	G17	991	817 1100	008
SA	1351	100 SCT	20			094	81	38	25	10	G23	990		008
SA	1446	100 SCT	20			089	83	35	23	10	G17	988		008
SA	1553	E100 BKN	20			083	80	35	17	14		987	814 1100 83 RADAT	JC
/													61118	/
SA	1651	E100 BKN	20			078	81	35	21	15		986		JC
SA	1754	100 SCT	20			077	78	36	24	13	G21	986		JC
SA	1846	100 SCT	20			081	75	32	23	10		987	500 1100	JC
SA	1953	E100 BKN	20			082	73	33	24	08		988		JC
SA	2050	E100 BKN	20			089	69	32	24	04		990		JC
SA	2153	E100 BKN	20			095	67	32	30	07		991	214 1070 83	JC
SA	2254	E100 BKN	20			093	66	36	23	05		991		JC
SA	2351	100 SCT	20			093	65	32	07	04		991		JC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iiiii $i_R i_X$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 JUN 4

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.510	63.2	49.8	38	4	4	Ac	100												3	4	.000			00-01
01 54	26.510	63.1	49.9	39	1															1					01-02
02 51	26.510	61.6	49.4	42	0															0					02-03
03 50	26.510	59.9	48.7	45	0															0	4	.000			03-04
04 49	26.530	57.6	47.7	49	0															0					04-05
05 48	26.540	60.2	49.0	45	0															0					05-06
06 45	26.540	67.2	52.9	34	0															0	1	.030			06-07
07 46	26.540	69.5	53.9	36	0															0					07-08
08 50	26.540	73.2	55.3	32	0															0					08-09
09 49	26.545	75.6	56.0	29	0															0	3	.005			09-10
10 50	26.540	77.8	56.2	25	1															1					10-11
11 51	26.520	78.5	55.3	21	4															4					11-12
12 50	26.510	77.8	54.1	19	6	6	CU	5100												6	7	.035			12-13
13 50	26.510	80.3	56.2	21	6															6					13-14
14 46	26.500	82.8	57.1	19	5															5					14-15
15 53	26.490	81.2	57.0	20	7	7	CU	5100												7	8	.020			15-16
16 54	26.480	81.6	57.0	20	8															8					16-17
17 50	26.480	81.0	56.7	20	4															3					17-18
18 53	26.490	77.2	55.2	23	2	2	Ac	100	0	Ci	250	2								2	5	.000			18-19
19 48	26.510	71.8	52.6	26	3															2					19-20
20 47	26.530	72.2	52.9	26	7															6					20-21
21 53	26.540	73.8	56.6	34	9	1	CB	60	8	Ac	5100	9								9	1	.050			21-22
22 55	26.550	70.1	56.5	44	7															6					22-23
23 49	26.550	68.1	54.9	44	6															4					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	65	60	X	X						X		
	0342	1	0	0	0	67	60		0								
	0940	2	0	0	0	77	57		0								
	1547	3	0	0	0	83	75		0								
	2148	4	0	0	0	82	71		0								
	MID.	X	0	0	0	74	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.545	26.490	26.540
BAROGRAPH 64	26.515	26.550	26.485	26.530
BAR. CORR. 65	-.005	-.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	57	0	0	0	30	N	2248					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0956P ±4 Sec./ 1917P ±3 Sec./ ± Sec.

SP/0
RS/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 JUN 4

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	100 SCT	20			094	63	37	07	02		991	400 1070	JC
SA	0154	100 SCT	20			094	63	38	05	10		991		JC
SA	0251	CLR	20			094	62	38	05	11		991		JC
SA	0350	CLR	20			097	60	38	35	02		991	400 60 RADAT 64109	008
SA	0449	CLR	20			105	58	38	34	05		993		008
SA	0548	CLR	20			108	60	39	29	01		994		008
SA	0645	CLR	20			106	67	41	02	10		994	110	008
SA	0746	CLR	20			106	70	41	02	09		994		008
SA	0850	CLR	20			105	73	41	04	04		994		008
SA	0949	CLR	20			108	76	41	24	06		995	302 57	008
SA	1050	100 SCT	20			105	78	39	24	10		994		008
SA	1151	100 SCT	20			097	79	35	21	07		992		008
SA	1250	E100 BKN	20			096	78	32	24	07		991	712 1100	008
SA	1350	E100 BKN	20			094	80	36	30	12		991		008
SA	1446	100 SCT	20			090	83	36	31	08		990		008
SA	1553	E100 BKN	20			088	82	37	28	07		989	807 1100 83 RADAT	JC
/													64122	/
SA	1654	E100 BKN	20			085	82	37	24	08		988		JC
SA	1750	100 SCT 250 SCT	20			085	81	37	30	04		988		JC
SA	1853	100 SCT 250 SCT	20			086	77	37	24	07		989	500 1071	JC
SA	1948	100 SCT	20			096	72	35	33	06		991		JC
SA	2047	E100 BKN	20			100	72	36	33	07		993	OCNL LTGIC W	JC
SA	2153	60 SCT E100 BKN	20			101	74	44	02	15	623	994	OCNL LTGIC N/117	JC
/													1970 83	/
SA	2255	60 SCT E100 BKN	20			106	70	47	01	21	630	996	CB NE MOVG E	JC
SA	2349	E100 BKN	20			106	68	45	05	20	624	996	CB MOVD E	JC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 JUN 5

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.560	66.8	54.0	44	2	2	Ac	100												2	2	.020			00-01
01 50	26.570	66.2	54.8	49	5															5					01-02
02 46	26.570	65.6	53.9	47	8															7					02-03
03 50	26.565	65.2	53.3	47	6	6	Ac	E100												6	0	.005			03-04
04 47	26.580	63.0	52.1	49	1															1					04-05
05 48	26.600	63.9	53.0	50	1															1					05-06
06 50	26.600	66.6	54.1	45	1	1	Sc	100												1	1	.035			06-07
07 50	26.610	69.5	55.3	41	0															0					07-08
08 47	26.610	71.8	55.2	35	0															0					08-09
09 49	26.600	78.3	57.7	28	0	0	Cu	90												0	0	.000			09-10
10 49	26.590	78.6	57.8	28	1															1					10-11
11 47	26.570	81.4	58.6	25	2															2					11-12
12 49	26.560	83.1	60.0	25	4	4	Cu	90												4	7	.040			12-13
13 48	26.540	83.2	59.0	23	4															4					13-14
14 50	26.530	82.1	58.5	23	4															4					14-15
15 48	26.520	84.5	58.5	20	4	4	Cu	90												4	6	.040			15-16
16 46	26.510	85.0	58.8	20	3															3					16-17
17 49	26.500	83.7	57.5	18	2															2					17-18
18 50	26.530	81.7	56.0	18	1	1	Cu	90												1	3	.010			18-19
19 45	26.540	77.9	54.3	20	1															1					19-20
20 49	26.560	74.2	52.8	22	0															0					20-21
21 48	26.570	73.7	52.2	21	0	0	Ac	110												0	1	.040			21-22
22 46	26.570	71.7	51.0	21	0															0					22-23
23 47	26.570	68.8	49.8	24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	68	65	X	X						X		
	0346	1	0	0	0	74	65		0								
	0945	2	0	0	0	80	63		0								
	1544	3	0	0	0	85	78		0								
	2144	4	0	0	0	85	74		0								
	MID.	X	0	0	0	74	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.600	26.520	26.570
BAROGRAPH 64	26.565	26.610	26.520	26.570
BAR. CORR. 65	±0	-.010	*0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	63	0	0	0	25	NE	0001					2	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK-CLOCK AT: 0656 ±3 Sec. 2130P ±3 Sec. ± Sec.

0447/0447

* BAROGRAPH CHART CHANGED RESET TO 0 COR.

RS/0
SP/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/103

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 JUN 5

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	100 SCT	20			112	67	44	08	10		997	207 1070	JC
SA	0150	100 SCT	20			116	66	46	05	12		998		JC
SA	0246	E100 BKN	20			116	66	45	04	16 G22		998		JC
SA	0350	E 100 BKN	20			113	65	44	03	10		997	002 1070 65 RADAT 80117	HS
SA	0447	100 SCT	20			119	63	43	04	13		999		HS
SA	0548	100 SCT	20			127	64	45	04	17		001		HS
SA	0658	100 SCT	20			129	67	45	04	16		001	112 1500	HS
SA	0750	CLR	20			134	70	45	04	15		002	FEW SC	HS
SA	0847	CLR	20			132	72	43	05	13		002	FEW CU	HS
SA	0949	CLR	20			124	78	43	04	10		001	CU ALQDS 000 1100 63	HS
SA	1049	90 SCT	20			123	79	43	10	07		000	MDT CU SE	HS
SA	1147	90 SCT	20			114	81	42	36	06		998	MDT CU SE	HS
SA	1249	90 SCT	20			110	83	44	10	06		997	MDT SW-E-SE 7141200	HS
SA	1348	90SCT	20			104	83	41	01	08		994	MDT CU SE	HS
SA	1450	90 SCT	20			100	82	41	03	13		993		HS
SA	1548	90SCT	20			095	85	39	34	07		992	W4 1100 85 RADAT 24124	EP
SA	1646	90SCT	20			092	85	39	36	10		991		EP
SA	1749	90SCT	20			088	84	36	05	09		990		EP
SA	1850	90 SCT	20			100	82	34	02	09		993	303 1100	EP
SA	1945	100 SCT	20			103	78	33	02	09		994		EP
SA	2049	CLR	20			112	74	33	01	10		996		EP
SA	2148	CLR	20			112	74	32	03	12		997	114 1030 85	EP
SA	2246	CLR	20			113	72	30	04	10		997		EP
SA	2347	CLR	20			113	69	30	00	00		997		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 6 JUN 1983

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.570	72.0	51.2	22	0															0	4	.000			00-01
01 46	26.570	71.8	51.5	23	0															0					01-02
02 50	26.570	67.5	49.5	26	0															0					02-03
03 52	26.570	66.9	49.5	27	0															0	4	.000			03-04
04 48	26.580	66.1	49.2	28	0															0					04-05
05 48	26.600	69.2	51.3	28	0															0					05-06
06 48	26.610	72.1	52.8	26	0															0	2	.040			06-07
07 48	26.620	75.3	54.6	25	0															0					07-08
08 49	26.600	80.0	56.6	22	0															0					08-09
09 51	26.600	83.2	58.2	21	0	0	Cu	90												0	8	.010			09-10
10 48	26.580	85.4	57.0	15	0															0					10-11
11 50	26.560	86.8	58.0	15	0															0					11-12
12 49	26.540	86.6	58.4	17	1	0	Cu	90	1	Ci	250	1								0	7	.060			12-13
13 48	26.520	89.6	59.7	15	5															0					13-14
14 47	26.510	89.4	59.0	15	7															1					14-15
15 50	26.500	89.0	58.5	14	9	0	Cu	90	9	Ci	250	9								3	6	.040			15-16
16 47	26.490	88.5	58.5	14	8															2					16-17
17 52	26.480	86.0	58.0	16	9															3					17-18
18 49	26.490	83.3	56.5	17	9	0	Sc	90	9	Ci	250	9								3	5	.010			18-19
19 48	26.500	79.1	54.5	18	8															3					19-20
20 48	26.500	76.0	53.0	19	3															1					20-21
21 48	26.500	73.4	51.9	21	2	2	Ci	250												0	1	.010			21-22
22 49	26.495	70.0	50.8	23	3															0					22-23
23 49	26.490	70.2	50.0	21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	72	67	X	X						X		
	0348	1	0	0	0	74	67		0								
	0947	2	0	0	0	84	66		0								
	1545	3	0	0	0	91	83		0								
	2144	4	0	0	0	89	73		0								
	MID.	X	0	0	0	73	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.600	26.500	26.500
BAROGRAPH 64	26.570	26.595	26.500	26.495
BAR. CORR. 65	±0	+.005	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	66	0	0	0	20	SW	1334					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK-CLOCK AT: 0900P ±3 Sec./ 2200P ±3 Sec./ ± Sec.

1447-SKY-BKN 1455

RS/O

SP/O

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/103

MF 1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 6 JUN 1983

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			110	72	31	04	10		997	400	EP
SA	0146	CLR	20			110	72	32	03	12		997		EP
SA	0250	CLR	20			114	68	31	05	10		997		EP
SA	0352	CLR	20			113	67	32	05	13		998	400 67 RADAT 53120	HS
SA	0448	CLR	20			116	66	32	06	10		999		HS
SA	0548	CLR	20			123	69	35	05	11		001		HS
SA	0648	CLR	20			126	72	36	04	15		002	214	HS
SA	0748	CLR	20			130	75	37	02	12		003		HS
SA	0849	CLR	20			124	80	38	02	07		001	CU SE	HS
SA	0951	CLR	20			121	83	39	06	06		001	803 1100 66	HS
SA	1048	CLR	20			114	85	32	35	05		999	FEW CU FEW AC	HS
SA	1150	CLR	20			107	87	34	23	05		997	FEW CU	HS
SA	1249	250 - SCT	20			098	87	36	04	03		994	720 1101	HS
SA	1348	250 - ~~SCT~~ BKN	20			089	90	36	23	15		992	FEW CU	HS
SA	1447	250 - ~~SCT~~ BKN	20			088	88	36	20	07		991	FEW CU COR (2255)	HS
SA	1550	250 - BKN	20			084	89	33	21	07		990	614 1101 91 RADAT 40131	EP
SA	1647	250 - BKN	20			080	89	33	21	11		988		EP
SA	1752	250 - BKN	20			076	86	35	17	05		987		EP
SA	1849	250 - BKN	20			080	83	33	23	08		988	503 1401	EP
SA	1948	250 - BKN	20			085	79	32	24	04		990		EP
SA	2048	250 - SCT	20			084	76	31	10	05		990		EP
SA	2148	250 - SCT	20			083	73	31	05	06		990	103 1001 91	EP
SA	2249	250 - SCT	20			082	70	31	00	00		989		EP
SA	2349	CLR	20			079	70	29	05	08		988		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 7 JUN 1983

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.490	64.8	47.6	26	0	0	Ci	250												0	6	.010			00-01
01 48	26.480	66.6	48.8	26	0															0					01-02
02 50	26.470	63.8	48.3	31	0															0					02-03
03 49	26.480	63.6	47.6	29	5	5	Ci	250												1	5	.010			03-04
04 47	26.500	63.7	48.0	30	7															2					04-05
05 47	26.500	68.7	50.6	27	7															2					05-06
06 50	26.520	73.7	53.4	25	9	2	Ac	130	7	Ci	250	9								2	2	.040			06-07
07 48	26.520	79.1	55.6	21	9															3					07-08
08 50	26.500	83.8	58.2	20	9															4					08-09
09 50	26.490	85.0	59.7	22	10	3	Cu	90	7	Ci	E250	10								6	8	.030			09-10
10 48	26.480	87.2	60.1	19	10															6					10-11
11 50	26.460	90.1	60.3	17	10															6					11-12
12 49	26.440	88.8	60.9	19	10	6	CB	E90	4	Ci	250	10								7	7	.050			12-13
13 49	26.430	90.2	61.0	17	8															8					13-14
14 46	26.410	91.6	60.8	15	7															7					14-15
15 51	26.400	87.6	58.9	16	9	4	Cu	90	6	Ci	E250	9								7	7	.040			15-16
16 50	26.380	88.0	59.0	16	8															7					16-17
17 47	26.380	85.1	57.3	16	5															5					17-18
18 54	26.410	82.1	56.5	18	7	7	CB	E90	0	Ac	140	7								7	3	.010			18-19
19 48	26.420	80.7	56.4	20	9															9					19-20
20 50	26.440	78.2	55.5	22	8															6					20-21
21 45	26.450	72.2	56.0	36	5	2	Cu	90	3	Ci	250	5								3	1	.040			21-22
22 49	26.480	69.0	55.0	41	0															0					22-23
23 50	26.490	66.6	54.2	45	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	70	63	X	X						X		
	0345	1	0	0	0	73	63		0								
	0946	2	0	0	0	86	64		0								
	1545	3	0	0	0	93	85		0								
	2142	4	0	0	0	88	72		0								
	MID.	X	0	0	0	72	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1546	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.470	26.400	26.450
BAROGRAPH 64	26.470	26.485	26.395	26.440
BAR. CORR. 65	+.010	+.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	63	0	0	0	35	NW	1845					8	6		

WEATHER & OBSTRUCTIONS TO VISION					
TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1643	1727			
T	1910	2035			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0750P ±3Sec./ 2200P ±3Sec./ ± Sec.

0950/0950 OVC

1747P/TE27/2355P

RS/1
SP/3

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1034

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 7 JUN 1983

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			082	65	29	04	08		988	603 1001	EP
SA	0148	CLR	20			076	67	30	00	00		987		EP
SA	0250	CLR	20			075	64	33	35	03		986		EP
SA	0349	250 - SCT	20			077	64	31	01	03		987	503 1001 63 RADAT 54129	HS
SA	0447	130 SCT 250 - BKN	20			085	64	32	10	04		990		HS
SA	0547	130 SCT 250 - BKN	20			084	69	33	29	06		990		HS
SA	0650	130 SCT 250 - BKN	20			091	74	35	10	02		992	214 1031	HS
SA	0748	130 SCT 250 - BKN	20			091	79	36	14	06		992		HS
SA	0850	130 SCT 250 BKN	20			084	84	38	31	03		990		HS
SA	0950	90 SCT E250 OVC	20			080	85	41	23	07		989	MDT CU SW 810 1206 63	HS
SA	1048	90 SCT E250 OVC	20			076	87	40	18	14		988	SML CB SW MDT CU NE-SE	HS
SA	1150	90 SCT E250 OVC	20			067	90	39	18	10	G21	986	CB RWU W MOVG N TCU ALQDS	HS
SA	1249	E90 BKN 250 OVC	20			062	89	41	18	14		983	CB RWU NE MOVG N TCU	/
/						0							ALQDS 717 1306	HS
SA	1349	E90 BKN	20			057	90	40	18	13	G21	982	CB RWU MOVG N TCU ALQDS	HS
SA	1446	90 SCT E250 BKN	20			050	92	38	16	14	G26	980	TCU ALQDS	HS
SA	1551	90 SCT E250 BKN	20			048	88	36	24	15	G23	979	TCU ALQDS/ 714 1202	EP
/													93 RADAT 54131	/
RS	1650	90 SCT E250 BKN	20		T	040	88	36	25	08		976	TB43 W MOVG N TCU	EP
/													ALQDS	/
SP	1730	90 SCT 150 SCT 250 SCT	20						21	09		976	TE27 DSIPTD CB	EP
/													N-NE MOVG N	/
SA	1747	90 SCT 140 SCT	20			039	85	34	25	12		976	CB N E-SE MOVG N	EP
/													VIRGA SE	/
SA	1854	E90 BKN 140 BKN	20			049	82	35	18	08	G35	980	CB N-NE MOVG N	EP
/													303 1330	/
SP	1913	E90 BKN 140 BKN 250 BKN	20		T				19	08		980	TB10 NE MOVG N	EP
/													OCNL LTGCG NE RWU	/
/													NE	/
SA	1948	E90 BKN 140 BKN	20		T	051	81	36	03	07		981	TB10 NE MOVG N OCNL	EP
/													LTGICCG NE	/
SP	2037	90 SCT	20						09	06		982	TE35 MOVD N CB N	EP
/													OCNL LTGIC N	/
SA	2050	90 SCT E250 BKN	20			059	78	36	12	08		983	TE35 MOVD N	EP
SA	2145	90 SCT 250 SCT	20			065	72	44	02	18	G25	984	114 1203 93	EP
SA	2249	CLR	20			076	69	45	05	14		987		EP
SA	2350	CLR	20			079	67	45	04	14		988		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 8 JUN 1983

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.470	66.1	53.8	46	0															0	0	.020			00-01
01 45	26.470	64.8	53.3	48	0															0					01-02
02 50	26.460	64.0	53.0	49	0															0					02-03
03 50	26.460	63.9	53.0	51	0															0	6	.010			03-04
04 47	26.470	62.2	52.4	53	0															0					04-05
05 48	26.480	65.8	54.0	47	0															0					05-06
06 48	26.500	69.4	55.6	42	1	1	Ci	250												0	2	.040			06-07
07 49	26.500	72.9	57.0	38	6															0					07-08
08 50	26.500	77.0	59.2	36	6															0					08-09
09 49	26.490	79.1	58.1	28	7	0	Cu	90	7	Ci	250	7								1	8	.010			09-10
10 51	26.480	83.3	59.2	23	5															2					10-11
11 48	26.460	85.2	57.9	17	5															2					11-12
12 52	26.440	87.7	58.3	15	7	0	Cu	90	7	Ci	250	7								2	7	.050			12-13
13 48	26.420	87.7	58.4	15	7															1					13-14
14 48	26.410	87.9	58.7	15	6															1					14-15
15 50	26.400	87.3	58.0	15	8	1	Cu	90	7	Ci	250	8								4	6	.040			15-16
16 48	26.410	86.2	57.8	16	7															3					16-17
17 47	26.400	84.5	55.7	13	8															3					17-18
18 50	26.415	81.0	54.0	14	8	0	CB	90	8	Ci	250	8								2	3	.015			18-19
19 47	26.425	76.7	52.0	15	6															1					19-20
20 49	26.450	74.2	52.0	20	1															0					20-21
21 48	26.460	69.3	48.5	19	0	0	Ci	250												0	1	.045			21-22
22 47	26.460	67.2	48.3	22	0															0					22-23
23 49	26.470	71.8	51.1	22	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	67	63	X	X						X		
	0346	1	0	0	0	72	63		0								
	0945	2	0	0	0	83	62		0								
	1545	3	0	0	0	89	79		0								
	2144	4	0	0	0	87	69		0								
	MID.	X	0	0	0	72	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.490	26.400	26.460
BAROGRAPH 64	26.460	26.490	26.400	26.460
BAR. CORR. 65	±0	±0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
89	62	0	0	0	30	SW	1345					5	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK-CLOCK AT: 0855P ⊘3 Sec./ 2150P ⊘3 Sec./ ± Sec.

1252/1252

RS/0
SP/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 8 JUN 1983

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. OBSERVER'S INITIALS (15)
SA	0050	CLR	20			074	66	44	04	12		986	007	EP
SA	0145	CLR	20			073	65	44	05	12		986		EP
SA	0250	CLR	20			068	64	45	03	14		985		EP
SA	0350	CLR	20			070	63	45	04	13		986	603 63 RADAT 47126	HS
SA	0447	CLR	20			075	62	45	04	12		987		HS
SA	0548	CLR	20			078	66	45	04	10		988		HS
SA	0648	250 - SCT	20			086	69	46	05	10		990	214 1001	HS
SA	0748	250 - BKN	20			085	73	46	02	08		990		HS
SA	0850	250 - BKN	20			084	77	48	30	06		990	CU SE	HS
SA	0949	250 - BKN	20			082	79	43	24	04		989	803 1106 62	HS
SA	1051	250 - SCT	20			079	83	42	22	03		988	TCU NE SE	HS
SA	1148	250 - SCT	20			071	85	36	19	16		986	TCU NW - NE CU ALQDS	HS
SA	1252	250 - BKN	20			062	88	34	22	12	G27	983	CU ALQDS CU DVLPMNT DCRG	HS
/													717 1206	HS
SA	1348	250 - BKN	20			055	88	34	21	15	G30	981	CU ALQDS	HS
SA	1448	250 - BKN	20			051	88	35	21	10	G21	980	TCU DSNT NE CU ALQDS	HS
SA	1550	90 SCT 250 - BKN	20			047	87	33	22	16	G24	979	614 1201 89 RADAT 55129	EP
SA	1648	90 SCT 250 - BKN	20			054	86	34	22	15	G21	980	TCU NW	EP
SA	1747	250 - BKN	20			048	85	29	23	11		979	TCU NW N	EP
SA	1850	250 - BKN	20			055	81	27	21	11		980	CB DSNT N/305 1301	EP
SA	1947	250 - BKN	20			059	77	26	23	06		981		EP
SA	2049	250 - SCT	20			066	74	30	00	00		984		EP
SA	2148	CLR	20			073	69	25	06	05		985	115 1001 89	EP
SA	2247	CLR	20			070	67	28	04	06		985		EP
SA	2349	90 SCT	20			072	72	30	03	13		986		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 9 JUN 1983

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.470	69.7	54.6	38	0	0	Sc	90												0	1	.010			00-01
01 49	26.480	67.9	53.2	38	0															0					01-02
02 50	26.500	69.0	54.0	38	0															0					02-03
03 48	26.490	67.1	53.1	40	2	2	Ci	250												0	0	.020			03-04
04 48	26.505	64.1	52.3	46	6															0					04-05
05 51	26.515	69.1	55.0	41	3															0					05-06
06 53	26.530	72.0	56.0	37	0	0	Ci	250												0	2	.040			06-07
07 49	26.515	74.7	57.0	34	0															0					07-08
08 47	26.540	78.2	58.2	30	0															0					08-09
09 45	26.540	80.6	57.8	24	0	0	Cu	80												0	0	.010			09-10
10 50	26.530	83.8	59.5	23	0															0					10-11
11 46	26.520	85.9	60.4	22	1															1					11-12
12 47	26.500	87.1	60.0	19	4	4	Cu	80												4	8	.040			12-13
13 51	26.480	89.5	59.4	15	4															4					13-14
14 50	26.480	88.3	59.0	16	4															4					14-15
15 48	26.470	89.0	60.0	17	4	4	Cu	80												4	8	.030			15-16
16 46	26.460	87.4	59.2	17	3															3					16-17
17 50	26.460	86.7	58.5	17	3															1					17-18
18 47	26.470	84.0	57.0	17	2	2	Cu	80												2	5	.000			18-19
19 50	26.480	78.2	54.1	18	2															1					19-20
20 46	26.490	73.9	52.1	20	4															2					20-21
21 49	26.500	73.8	52.1	21	2	2	Cu	80												1	3	.030			21-22
22 47	26.500	70.3	51.1	25	0															0					22-23
23 45	26.500	68.8	50.6	26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	72	67	X	X						X		
	0344	1	0	0	0	72	67		0								
	0941	2	0	0	0	81	64		0								
	1545	3	0	0	0	91	81		0								
	2146	4	0	0	0	89	74		0								
	MID.	X	0	0	0	74	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.520	26.470	26.500
BAROGRAPH 64	26.495	26.540	26.470	26.500
BAR. CORR. 65	-.005	*0	±.0	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	64	0	0	0	22	W	1317					2	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0623P ±4 Sec. / 1600P ±4 Sec. ± Sec.

0847P / 0847P

* BAROGRAPH CHANGED - RESET TO ±.0 CORR

SP / 0

RS / 0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/103

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 9 JUN 1983

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			072	70	43	04	17		986	103 1400	EP
SA	0149	CLR	20			076	68	41	08	03		987		EP
SA	0250	CLR	20			083	69	42	05	10		990		EP
SA	0348	250-SCT	20			081	67	42	05	06		989	007 1001 67 RADAT 54125	KG
SA	0448	250-BKN	20			090	64	43	36	07		991		KG
SA	0551	250-SCT	20			090	69	44	05	15		992		KG
SA	0655	CLR	20			096	72	44	05	10		993	214 1001	KG
SA	0749	CLR	20			103	75	44	04	10		995	CU SE	KG
SA	0847	CLR	20		102	097	78	44	26	02		994	CU BLDG SE	KG
SA	0945	CLR	20			103	81	41	26	05		994	TCU E AND SE/003	KG
—	—												200 64	—
SA	1050	CLR	20			097	84	42	19	07		993		KG
SA	1146	80 SCT	20			092	86	43	21	11		992		KG
SA	1247	80 SCT	20			083	87	40	23	11		990	814 1100	KG
SA	1351	80 SCT	20			076	90	36	27	12		987		KG
SA	1450	80 SCT	20			076	88	36	20	10		987		KG
SA	1548	80 SCT	20			074	89	38	24	10		986	810 1100 91 RADAT 60132	JK
SA	1646	80 SCT 250 SCT	20			071	87	37	25	10		985		JK
SA	1750	80 SCT 250-SCT	20			068	87	36	27	11		985		JK
SA	1847	80 SCT	20			073	84	34	23	07		986	500 1100	JK
SA	1950	80 SCT 250-SCT	20			077	78	32	25	03		987		JK
SA	2046	80 SCT 250-SCT	20			082	74	31	09	03		988		JK
SA	2149	80 SCT	20			086	74	31	08	02		990	310 1100 91	JK
SA	2247	CLR	20			086	70	33	03	06		990		JK
SA	2345	CLR	20			086	69	33	04	08		990		JK

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 10

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.500	70.0	51.0	25	0															0	4	.000			00-01
01 49	26.510	70.1	51.2	25	0															0					01-02
02 50	26.510	67.5	50.1	28	0															0					02-03
03 46	26.520	64.1	48.7	32	0															0	2	.020			03-04
04 52	26.535	62.3	48.6	37	1															0					04-05
05 49	26.550	67.6	51.1	31	0															0					05-06
06 45	26.565	71.7	53.2	28	0	0	CI	250												0	2	.045			06-07
07 53	26.570	78.9	56.2	23	0															0					07-08
08 48	26.560	82.2	58.2	22	0															0					08-09
09 47	26.560	85.2	59.3	20	0	0	CU	90												0	8	.005			09-10
10 51	26.540	88.6	60.9	19	1															1					10-11
11 49	26.525	91.1	60.8	16	1															1					11-12
12 50	26.500	90.0	60.0	16	1	1	CU	90												1	8	.060			12-13
13 50	26.480	92.8	61.0	14	0															0					13-14
14 50	26.460	90.8	60.3	15	0															0					14-15
15 48	26.440	91.8	61.1	16	0	0	CU	90	0	CI	250	0								0	8	.060			15-16
16 49	26.420	90.6	59.8	15	0															0					16-17
17 46	26.400	88.2	58.7	15	5															3					17-18
18 49	26.400	85.0	57.0	15	10	10	CS	E200												6	6	.040			18-19
19 48	26.400	84.1	55.3	13	10															6					19-20
20 45	26.410	80.2	56.1	20	5															3					20-21
21 48	26.400	78.0	54.0	17	5	5	CS	200												5	0	.000			21-22
22 45	26.400	78.0	54.0	18	3															1					22-23
23 45	26.370	77.0	54.1	20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	70	64	X	X						X		
	0342	1	0	0	0	74	64		0								
	0943	2	0	0	0	85	62		0								
	1544	3	0	0	0	93	85		0								
	2145	4	0	0	0	92	79		0								
	MID.	X	0	0	0	79	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.560	26.440	26.400
BAROGRAPH 64	26.515	26.555	26.440	26.400
BAR. CORR. 65	+.005	+.005	±.0	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	62	0	0	0	29	SW	1124					1	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0605P ±4 Sec./ 1810P 04 Sec./ ± Sec.

SP/0
RS/0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 JUN 10

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			084	70	33	04	07		990	400	JK
SA	0149	CLR	20			086	70	33	05	10		991		JK
SA	0250	CLR	20			088	68	33	08	05		991		JK
SA	0346	CLR	20			092	64	33	18	02		992	207 64 RADAT 70130	JK
SA	0452	250-SCT	20			100	62	35	14	03		994		JK
SA	0549	CLR	20			104	68	36	11	02		996		JK
SA	0645	CLR	20			108	72	37	08	02		997	215 1001	JK
SA	0753	CLR	20			110	79	38	31	05		998		JK
SA	0848	CLR	20			106	82	40	31	04		996		JK
SA	0947	CLR	20			106	85	40	27	09		996	802 1100 62	JK
SA	1051	90 SCT	20			099	89	41	25	13		994		JK
SA	1149	90 SCT	20			093	91	38	21	17	G23	993		JK
SA	1250	90 SCT	20			084	90	37	22	13	G21	990	820 1100	JK
SA	1350	CLR	20			072	93	37	24	14	G22	988		JK
SA	1450	CLR	20			068	91	37	19	14	G19	986		JK
SA	1548	CLR	20			063	92	39	22	15		983	820 1101 93 RADAT 36139	JK
SA	1649	CLR	20			054	91	36	19	13		981		JK
SA	1746	250 SCT	20			047	88	35	20	14		979		JK
SA	1849	E200 OVC	20			046	85	33	21	18		979	614 1007	JK
SA	1948	140 SCT E200 OVC	20			043	84	28	22	12	G23	979		JK
SA	2045	140 SCT 200 SCT	20			047	80	36	22	09		980		JK
SA	2148	200 SCT	20			043	79	30	22	08		979	000 1008 93	JK
SA	2245	200-SCT	20			041	78	32	18	11		979		JK
SA	2345	CLR	20			029	77	33	19	13		976		JK

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE 1983 JUN 11

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.350	76.8	51.2	13	0	0	Cl	200												0	8	.050			00-01
01 48	26.330	76.2	53.0	19	1															0					01-02
02 50	26.320	75.3	50.2	13	6															2					02-03
03 50	26.310	72.9	51.3	20	10	2	Ac	170	10	Cs	E280	10								7	6	.040			03-04
04 47	26.320	70.0	51.2	26	10															9					04-05
05 46	26.330	70.6	52.0	27	10															9					05-06
06 47	26.300	74.0	53.0	23	10	6	Ac	E170	4	Cs	280	10								9	8	.010			06-07
07 48	26.330	75.3	54.1	24	9															8					07-08
08 46	26.340	76.5	55.3	25	4															4					08-09
09 50	26.340	77.9	56.4	25	6	0	Cu	90	0	ACSL	150	0	6	Ci	300	6				2	1	.040			09-10
10 51	26.345	80.0	57.8	24	0															0					10-11
11 47	26.345	82.1	58.7	24	1															1					11-12
12 52	26.330	83.2	60.2	26	2	2	Cu	90	0	Ci	300	2								2	8	.010			12-13
13 49	26.310	81.9	59.3	26	4															4					13-14
14 50	26.280	83.8	60.0	24	5															5					14-15
15 48	26.270	85.0	60.0	22	5	4	Cu	90	1	Ci	300	5								5	8	.060			15-16
16 47	26.260	83.8	58.5	21	2															2					16-17
17 50	26.260	82.1	52.6	21	3															3					17-18
18 48	26.270	79.5	56.0	21	4	4	Sc	90												4	5	.000			18-19
19 51	26.270	77.0	56.0	26	5															5					19-20
20 47	26.300	75.1	54.1	24	4															4					20-21
21 47	26.330	73.8	54.2	27	4	4	Sc	90												4	3	.060			21-22
22 48	26.340	72.0	53.1	27	4															4					22-23
23 46	26.350	69.2	52.5	32	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	77	72	X	X						X		
	0345	1	0	0	0	79	72		0								
	0945	2	0	0	0	78	70		0								
	1545	3	0	0	0	87	78		0								
	2144	4	0	0	0	85	73		0								
	MID.	X	0	0	0	74	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.310	26.340	26.270	26.330
BAROGRAPH 64	26.310	26.330	26.270	26.320
BAR. CORR. 65	0	+.010	±.0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
87	69	0	0	0	34	5	0033					5	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0351P ±3 Sec./ 1900P ±3 Sec./ ± Sec.

SP/0
RS/0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK NEVADA

DATE 1983 JUN 11

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			022	77	22	19	15	G26	973	817 1001	JK
SA	0148	200 - SCT	20			016	76	31	18	10		971		JK
SA	0250	200 - BKN	20			012	75	21	23	13		970		JK
SA	0350	170 SCT E 280 OVC	20			007	73	30	22	12		969	614 1077 72	JK
—	—												RADAT 33144	—
SA	0447	170 SCT E 280 OVC	20			013	70	33	22	15	G20	970	ACSL SE	JK
SA	0546	170 SCT E 280 OVC	20			018	71	35	23	17	G24	971	ACSL SE	JK
SA	0647	E170 BKN 280 OVC	20			007	74	34	20	15	G21	968	ACSL SE / 803 1048	JK
SA	0748	170 SCT E280 BKN	20			018	75	36	22	13		971		JK
SA	0846	170 SCT 280 SCT	20			023	77	38	19	14		972		JK
SA	0950	300-BKN	20			023	78	39	20	18	G24	972	CU ACSL SE / 114	JK
—	—												1141 70	—
SA	1051	CLR	20			025	80	41	23	10	G18	973	FEW CU AC CI	JK
SA	1147	90 SCT 150 SCT 300 SCT	20			024	82	42	24	13	G22	973		JK
SA	1252	90 SCT 300 SCT	20			019	83	45	19	12	G17	971	803 1101	JK
SA	1349	90 SCT 300 SCT	20			011	82	43	22	10		969	TCU NE	JK
SA	1450	90 SCT 300 SCT	20			000	84	43	19	13	G19	966		JK
SA	1548	90 SCT 300 SCT	20			997	85	42	20	16		965	820 120187 RADAT 94126	JK
SA	1647	90 SCT	20			993	84	39	18	10		963		JK
SA	1750	90 SCT	20			993	82	38	19	15		963		JK
SA	1848	90 SCT	20			997	80	36	20	13		965	500 1400	JK
SA	1951	90 SCT	20			998	77	39	22	10		965		JK
SA	2047	90 SCT	20			010	75	36	23	10		968		JK
SA	2147	90 SCT	20			021	74	38	35	06		971	320 1400 87	JK
SA	2248	90 SCT	20			026	72	36	04	07		972		JK
SA	2346	90 SCT	20			029	69	38	04	19		973		JK

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 JUN 12

To convert LST to GMT ADD 7 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.370	67.8	52.8	37	0	0	Sc	90												0	2	.040			00-01
01 46	26.380	67.0	52.0	36	2															2					01-02
02 45	26.390	65.2	51.5	39	0															0					02-03
03 50	26.425	66.1	50.2	32	2	2	Ac	90												2	3	.055			03-04
04 49	26.455	63.4	49.7	37	3															3					04-05
05 48	26.480	65.3	50.3	34	1															1					05-06
06 47	26.490	67.2	51.1	32	0	0	Cu	70	0	Ac	100	0								0	1	.065			06-07
07 49	26.515	70.3	52.1	28	0															0					07-08
08 47	26.510	72.9	52.2	23	0															0					08-09
09 51	26.515	74.8	52.6	20	0	0	Cu	80												0	1	.025			09-10
10 48	26.525	75.9	53.5	21	0															0					10-11
11 49	26.520	77.9	53.1	16	0															0					11-12
12 47	26.500	78.4	52.3	14	0	0	Cu	90												0	8	.015			12-13
13 45	26.490	82.8	53.6	11	0															0					13-14
14 50	26.480	82.4	53.3	11	0															0					14-15
15 50	26.470	82.7	53.6	11	0	0	Cu	90												0	7	.030			15-16
16 50	26.470	83.5	53.5	10	0															0					16-17
17 50	26.490	82.4	54.8	14	0															0					17-18
18 50	26.500	79.3	52.8	14	0															0	3	.030			18-19
19 50	26.520	77.3	51.7	14	0															0					19-20
20 50	26.550	74.9	49.8	13	0															0					20-21
21 50	26.570	73.3	48.2	10	0															0	3	.070			21-22
22 50	26.595	71.4	47.5	12	0															0					22-23
23 50	26.600	69.9	47.6	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	69	65	X	X						X		
	0343	1	0	0	0	74	65		0								
	0944	2	0	0	0	76	63		0								
	1546	3	0	0	0	83	75		0								
	2146	4	0	0	0	84	72		0								
	MID.	X	0	0	0	73	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.425	26.515	26.470	26.570
BAROGRAPH 64	26.410	26.505	26.470	26.550
BAR. CORR. 65	+.015	+.010	±0.0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
84	63	0	0	0	33	5	1623					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0451P ±3 Sec./ 2308P ±3 Sec./ ± Sec.

0449/0449

R/S = 0

S/P = 0

MF 1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 JUN 12

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			037	68	40	03	15		975	214 1400	JK
SA	0146	90 SCT	20			042	67	39	04	13		976		JK
SA	0245	CLR	20			047	65	40	02	10		978		JK
SA	0350	90 SCT	20			058	66	35	03	14	G21	981	319 1050 65 RADAT 68113	MR
SA	0449	90 SCT	20			072	68	37	08	07		985		MR
SA	0548	90 SCT	20			081	65	36	07	08		987	ACCAS NE	MR
SA	0647	CLR	20			085	67	37	08	10		988	122 1270	MR
SA	0749	CLR	20			093	70	36	03	11		991	FEW AC	MR
SA	0847	CLR	20			093	73	33	03	12		991	CU OMTNS SE	MR
SA	0951	CLR	20			093	75	31	30	08		991	108 1100 63	MR
SA	1048	CLR	20			090	76	33	29	10		992	CU ALQDS	MR
SA	1149	CLR	20			096	78	29	33	11		992	CU ALQDS	MR
SA	1247	CLR	20			089	78	25	29	06		990	805 1100	MR
SA	1345	CLR	20			083	83	22	27	11		988	CU ALQDS	MR
SA	1450	CLR	20			081	82	22	20	09		987	CU ALQDS	MR
SA	1550	CLR	20			076	83	22	35	09		986	710 1100 83 RADAT 25125	WRC
SA	1650	CLR	20			077	84	20	30	14	G20	986	FEW CU E	WRC
SA	1750	CLR	20			084	82	28	30	12		988		WRC
SA	1850	CLR	20			089	79	25	36	12		990	310	WRC
SA	1950	CLR	20			097	77	24	01	08		992		WRC
SA	2050	CLR	20			104	75	20	03	10		995		WRC
SA	2150	CLR	20			115	73	14	03	12		997	3 24 84	WRC
SA	2250	CLR	20			124	71	15	06	08		000		WRC
SA	2350	CLR	20			126	70	19	06	11		001		WRC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK NEVADA

DATE 1993 JUN 13

To convert LST to GMT ADD 7 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.610	69.0	48.3	19	0															0	2	.040			00-01
01 50	26.640	66.7	48.1	23	0															0					01-02
02 50	26.660	65.3	47.3	23	0															0					02-03
03 50	26.680	61.9	45.5	25	0															0	1	.070			03-04
04 49	26.700	61.8	45.9	27	0															0					04-05
05 45	26.715	65.3	47.0	22	0															0					05-06
06 49	26.725	67.5	48.5	22	0															0	1	.045			06-07
07 51	26.740	70.7	50.0	20	0															0					07-08
08 47	26.730	72.6	50.2	17	0															0					08-09
09 50	26.730	75.0	50.2	13	0															0	0	.005			09-10
10 52	26.720	77.2	51.2	13	0															0					10-11
11 48	26.710	79.1	51.7	11	0															0					11-12
12 47	26.690	80.7	52.8	12	0															0	8	.040			12-13
13 48	26.660	82.2	52.0	8	0															0					13-14
14 50	26.655	83.4	52.7	8	0															0					14-15
15 50	26.640	83.2	52.3	7	0															0	7	.050			15-16
16 50	26.630	83.4	52.9	8	0															0					16-17
17 50	26.620	83.0	52.4	8	0															0					17-18
18 50	26.630	81.0	52.9	11	0															0	5	.010			18-19
19 50	26.640	77.8	51.0	11	0															0					19-20
20 45	26.655	75.1	51.9	18	0															0					20-21
21 50	26.655	73.7	50.2	15	0															0	1	.025			21-22
22 50	26.655	65.0	46.0	19	0															0					22-23
23 50	26.665	68.8	48.0	18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	70	61	X	X						X		
	0343	1	0	0	0	73	61		0								
	0944	2	0	0	0	76	60		0								
	1546	3	0	0	0	85	75		0								
	2146	4	0	0	0	85	74		0								
	MID.	X	0	0	0	74	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.730	26.640	26.655
BAROGRAPH 64	26.670	26.730	26.645	26.655
BAR. CORR. 65	+.010	0*	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	60	0	0	0	30	E	1132					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0452P ⊘ 3Sec./ 2304P ⊘ 3Sec./ ± Sec.

* BAROGRAPH CHANGED AND RESET TO ZERO CORR.

R/S = 0

S/P = 0

MF 1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK NEVADA

DATE 1983 JUN 18

TO CONVERT LST TO GMT
ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			131	69	25	02	18 G 29		002	214	WRG
SA	0150	CLR	20			141	67	28	08	11		005		WRG
SA	0250	CLR	20			150	65	27	05	04		007		WRG
SA	0350	CLR	20			158	62	26	04	10		010	124 61 RADAT 37115	MR
SA	0449	CLR	20			166	62	28	03	10		012		MR
SA	0545	CLR	20			170	65	26	03	09		013		MR
SA	0649	CLR	20			174	68	28	03	09 G 17		014	115	MR
SA	0751	CLR	20			180	71	28	08	12 G 19		016		MR
SA	0847	CLR	20			176	73	26	08	15 G 19		015		MR
SA	0950	CLR	20			176	75	22	06	12 G 17		015	002 60	MR
SA	1052	CLR	20			172	77	22	10	10 G 17		014		MR
SA	1148	CLR	20			168	79	20	06	08		013		MR
SA	1247	CLR	20			160	81	23	01	10 G 25		011	814	MR
SA	1348	CLR	20			149	82	15	03	06 G 16		007		MR
SA	1450	CLR	20			147	83	16	06	10		007		MR
SA	1550	CLR	20			143	83	14	03	09		005	717 85 RADAT 20132	WRG
SA	1650	CLR	20			139	83	17	08	06		004		WRG
SA	1750	CLR	20			134	83	15	11	13		003		WRG
SA	1850	CLR	20			137	81	22	10	13		004	503	WRG
SA	1950	CLR	20			141	78	19	09	09		005		WRG
SA	2045	CLR	20			148	75	28	12	11		007		WRG
SA	2150	CLR	20			147	74	24	10	10		007	104 85	WRG
SA	2250	CLR	20			151	65	22	35	07		007		WRG
SA	2350	CLR	20			152	69	24	09	03		008		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRR_{t_R}$ 7wwW1W2 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 14

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.665	64.6	45.9	20	0															0	1	.010			00-01
01 50	26.665	63.7	44.3	16	0															0					01-02
02 50	26.670	61.4	43.8	20	0															0					02-03
03 50	26.680	63.9	45.8	21	0															0	3	.015			03-04
04 48	26.695	63.9	45.8	21	0															0					04-05
05 47	26.700	67.1	48.0	22	0															0					05-06
06 45	26.695	70.9	49.7	19	0															0	0	.015			06-07
07 45	26.695	75.2	51.6	17	0															0					07-08
08 50	26.690	78.6	52.9	15	0															0					08-09
09 47	26.685	80.1	53.0	13	0															0	8	.010			09-10
10 47	26.675	83.0	55.0	14	0															0					10-11
11 48	26.655	85.2	56.4	14	0															0					11-12
12 45	26.630	84.9	56.0	13	0	0	Cl	300												0	8	.055			12-13
13 49	26.610	86.6	57.0	13	1															1					13-14
14 50	26.590	88.8	58.1	13	1															1					14-15
15 50	26.565	89.3	57.7	12	2	2	Cl	280												1	7	.065			15-16
16 50	26.565	89.0	56.7	9	0															0					16-17
17 50	26.555	87.5	55.8	10	0															0					17-18
18 50	26.555	84.0	54.1	10	1	1	Cl	280												1	6	.010			18-19
19 50	26.555	77.7	51.8	13	3															2					19-20
20 45	26.575	76.2	52.2	17	3															2					20-21
21 50	26.585	73.3	49.9	15	2	2	Cl	280												1	3	.030			21-22
22 50	26.575	67.8	47.2	17	2															1					22-23
23 50	26.565	66.8	47.6	21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	69	60	X	X						X		
	0345	1	0	0	0	74	60		0								
	0943	2	0	0	0	81	62		0								
	1546	3	0	0	0	90	80		0								
	2146	4	0	0	0	90	73		0								
	MID.	X	0	0	0	73	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.685	26.565	26.565
BAROGRAPH 64	26.665	26.685	26.565	26.565
BAR. CORR. 65	+.015	0	±0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	60	0	0	0	19	SW	1552					0	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK-CLOCK AT: 0601 P ⊖3 Sec./ 2006 P ⊖3 Sec./ ± Sec.

R/S = 0
S/P = 0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 14

TO CONVERT LST TO GMT: ADD 6 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			153	65	22	16	09		008	103	WRG
SA	0150	CLR	20			153	64	17	33	05		008		WRG
SA	0250	CLR	20			154	61	20	31	04		008		WRG
SA	0350	CLR	20			157	64	24	05	04		010	305 60 RADAT 20132	MR
SA	0448	CLR	20			164	64	24	08	05		011		MR
SA	0547	CLR	20			163	67	27	04	07		012		MR
SA	0645	CLR	20			160	71	27	08	04		011	005	MR
SA	0745	CLR	20			159	75	27	04	10		011		MR
SA	0850	CLR	20			157	79	27	10	13		011		MR
SA	0947	CLR	20			156	80	25	11	10		010	803 60	MR
SA	1047	CLR	20			155	83	28	09	10	G16	009	Ci W-NW	MR
SA	1148	CLR	20			144	85	30	13	10		007	Ci W-NW	MR
SA	1245	CLR	20			137	85	29	04	05		004	819 1002	MR
SA	1349	250 SCT	20			129	87	31	17	08	G14	002		MR
SA	1450	250 SCT	20			122	89	32	10	04		999		MR
SA	1550	280 - SCT	20			110	89	30	22	11		997	722 1001 90 RADAT 24145	WRG
SA	1650	CLR	20			110	85	23	23	10	G18	997	FEW Ci NE	WRG
SA	1750	CLR	20			106	88	24	21	09		996		WRG
SA	1850	280 SCT	20			106	84	22	30	05		996	603 1005	WRG
SA	1950	280 SCT	20			107	78	24	04	05		996		WRG
SA	2045	280 SCT	20			113	76	28	10	06		998		WRG
SA	2150	280 - SCT	20			117	73	23	09	06		999	310 1001 90	WRG
SA	2250	280 - SCT	20			115	68	22	36	04		998		WRG
SA	2350	CLR	20			110	67	26	06	03		997	FEW Ci NW	WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-068/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WCMO, DESERT ROCK NEVADA

DATE: 1983 JUN 15

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.555	64.4	45.7	20	0	0	Cl	250												0	7	.030			00-01
01 50	26.555	65.4	46.0	19	0															0					01-02
02 50	26.555	61.1	43.7	21	0															0					02-03
03 51	26.550	62.3	44.2	19	3	3	CS	250												2	8	.005			03-04
04 50	26.550	62.2	44.0	19	4															3					04-05
05 49	26.560	69.9	47.9	16	3															3					05-06
06 51	26.570	73.4	50.2	16	5	5	CS	250												3	3	.020			06-07
07 48	26.570	79.2	52.8	13	3															2					07-08
08 51	26.565	83.3	54.5	12	1															1					08-09
09 50	26.550	85.1	54.3	9	1	1	Ci	250												1	8	.020			09-10
10 52	26.545	89.4	56.0	8	1															1					10-11
11 52	26.525	89.9	57.8	11	2															1					11-12
12 51	26.490	90.5	59.3	13	5	5	CS	250												1	7	.060			12-13
13 50	26.475	94.2	60.7	12	2															2					13-14
14 51	26.470	94.8	60.0	10	3															2					14-15
15 50	26.460	93.8	60.2	12	7	1	Cu	90	6	Cl	250	7								3	7	.030			15-16
16 50	26.450	93.2	58.9	10	8															4					16-17
17 50	26.450	92.1	58.0	9	5															2					17-18
18 50	26.450	87.8	58.3	15	8	8	Cl	250												3	6	.010			18-19
19 50	26.460	81.0	55.0	16	7															3					19-20
20 45	26.470	80.6	55.3	18	4															2					20-21
21 50	26.470	78.0	52.7	15	2	2	Cl	250												1	1	.020			21-22
22 50	26.475	75.4	52.1	18	2															1					22-23
23 50	26.485	77.0	52.5	16	2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	67	61	X	X						X		
	0848	1	0	0	0	73	61		0								
	0949	2	0	0	0	87	61		0								
	1546	3	0	0	0	96	85		0								
	2146	4	0	0	0	95	78		0								
	MID.	X	0	0	0	78	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.550	26.460	26.470
BAROGRAPH 64	26.530	26.550	26.465	26.450
BAR. CORR. 65	+.020	0	-.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	61	0	0	0	25	SW	1354					4	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0801P ±3 Sec./ 2129P ±3 Sec./ ± Sec.

SP/O
RS/O

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 15

TO CONVERT LST TO GMT ADD 6 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			108	64	22	00	00		996	710 1005	WRG
SA	0150	CLR	20			107	65	22	24	06		996		WRG
SA	0250	CLR	20			108	61	21	03	06		996		WRG
SA	0351	250 SCT	20			106	62	20	06	04		995	802 1005 61 RADAT 37134	CRD
SA	0450	250 SCT	20			105	62	19	14	03		995		CRD
SA	0549	250 SCT	20			107	70	21	13	04		996		CRD
SA	0651	250 SCT	20			110	73	24	33	03		997	307 1005	CRD
SA	0748	250 SCT	20			109	79	25	30	05		997		CRD
SA	0851	250 SCT	20			107	83	25	17	05		997		CRD
SA	0950	250 SCT	20			103	85	21	08	04		995	807 1001 61	CRD
SA	1052	250 SCT	20			100	89	21	27	10		995		CRD
SA	1152	250-SCT	20			092	90	29	20	10		993		CRD
SA	1251	250 -SCT	20			080	91	34	26	04		988	720 1008	CRD
SA	1350	250 SCT	20			073	94	34	23	15G24		987		CRD
SA	1451	250 SCT	20			073	95	31	23	13		986		CRD
SA	1550	90 SCT 250-BKN	20			069	94	33	26	09G16		985	710 110196 RADAT 30147	WRG
SA	1650	250 -BKN	20			065	93	29	25	13		984	FEW CU SE	WRG
SA	1750	250 -SCT	20			062	92	26	25	07		984		WRG
SA	1850	250 -BKN	20			062	88	34	26	07		984	6 03 1001	WRG
SA	1950	250 -BKN	20			067	81	31	00	00		985		WRG
SA	2045	250 -SCT	20			069	81	33	35	07		986		WRG
SA	2150	250 -SCT	20			069	78	27	04	06		986	107 1001 96	WRG
SA	2250	250 -SCT	20			071	75	29	03	09		987		WRG
SA	2350	250 -SCT	20			073	77	28	03	14		988		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 16

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.495	75.2	51.4	17	2	2	Ci	250												1	2	.025			00-01
01 50	26.510	69.7	51.0	26	2															1					01-02
02 50	26.520	68.0	49.3	24	2															1					02-03
03 51	26.530	68.2	49.0	22	2	2	Ci	250												2	2	.035			03-04
04 50	26.540	65.8	48.5	26	3															2					04-05
05 52	26.550	77.2	53.2	18	8															4					05-06
06 50	26.560	78.8	53.7	16	8	8	Cs	250												4	2	.030			06-07
07 48	26.570	80.7	54.9	17	2															2					07-08
08 51	26.565	85.3	56.5	14	1															1					08-09
09 52	26.565	89.9	57.2	14	2	2	Cs	250												2	0	.005			09-10
10 51	26.555	92.3	59.0	10	3															2					10-11
11 50	26.540	93.4	60.1	12	3															2					11-12
12 50	26.540	96.7	60.2	9	2	2	Cs	250												2	6	.025			12-13
13 48	26.520	96.6	60.2	9	3															1					13-14
14 51	26.510	97.2	61.3	10	10															1					14-15
15 49	26.490	96.0	62.6	14	10	10	Cs	250												2	7	.050			15-16
16 46	26.490	93.7	60.0	11	10															2					16-17
17 46	26.490	92.3	60.3	13	10															2					17-18
18 46	26.495	89.7	59.0	14	10	10	Cs	250												2	3	.005			18-19
19 47	26.505	84.4	56.4	15	10															2					19-20
20 46	26.520	82.3	56.0	17	7															1					20-21
21 48	26.520	79.7	54.6	17	0	0	Ci	250												0	1	.025			21-22
22 46	26.530	79.6	54.6	17	0															0					22-23
23 47	26.530	77.0	54.5	22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	77	65	X	X						X		
	0348	1	0	0	0	78	65		0								
	0948	2	0	0	0	91	65		0								
	1544	3	0	0	0	99	90		0								
	2144	4	0	0	0	96	80		0								
	MID.	X	0	0	0	80	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.565	26.490	26.520
BAROGRAPH 64	26.510	26.565	26.495	26.575
BAR. CORR. 65	+.020	0	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNHLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	65	0	0	0	23	W	1434					6	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ SUNSET ____

TOTAL SUNSHINE ____ (MIN.) PERCENT OF POSSIBLE SUNSHINE ____ CHARACTER OF SUNRISE ____ CHARACTER OF SUNSET ____

FASTEST OBSERVED 1-MINUTE WIND SPEED ____ M.P.H. OR FASTEST MILE ____ M.P.H. ASSOCIATED DIRECTION ____ TIME ____

TIME CHECK - CLOCK AT: 0900 ±3 Sec. / 1745 ±3 Sec. / ± Sec.

SP/0
RS/0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 16

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 - SCT	20			078	75	28	04	07		989	208 1001	WRG
SA	0150	250 - SCT	20			083	70	33	00	00		991		WRG
SA	0250	250 - SCT	20			087	68	30	04	10		992		WRG
SA	0351	250 SCT	20			092	68	28	26	04		993	212 1001 65 RADAT 44140	CRD
SA	0450	250 SCT	20			098	66	30	14	04		994		CRD
SA	0552	250-BKN	20			097	77	30	04	12		995		CRD
SA	0650	250-BKN	20			101	79	29	04	11		996	210 1008	CRD
SA	0748	250 SCT	20			108	81	31	04	15		997		CRD
SA	0851	250 SCT	20			104	85	31	01	10		997		CRD
SA	0952	250 SCT	20			104	90	34	31	05		997	002 1008 65	CRD
SA	1051	250 SCT	20			099	92	29	06	03		996		CRD
SA	1150	250 SCT	20			093	93	33	21	10		994		CRD
SA	1250	250 SCT	20			092	97	29	22	09		994	608 1008	CRD
SA	1348	250-SCT	20			087	97	29	25	12		992		CRD
SA	1451	250-OVC	20			083	97	32	25	10		991		CRD
SA	1549	250 - OVC	20			076	96	39	28	13		988	717 1007 99 RADAT 25149	SH
SA	1646	250 - OVC	20			079	94	32	24	10		988		SH
SA	1746	250 - OVC	20			073	92	35	25	11		988		SH
SA	1846	250 - OVC	20			076	90	34	24	07		989	302 1007	SH
SA	1947	250 - OVC	20			081	84	32	22	07		991		SH
SA	2046	250 - BKN	20			086	82	33	19	04		992		SH
SA	2148	CLR	20			084	80	31	31	06		992	108 1001 99	SH
SA	2246	CLR	20			088	80	32	25	06		993		SH
SA	2347	CLR	20			088	77	35	01	03		993		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 17 JUN 1983

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.530	73.3	52.0	21	3	3	Ci	250												1	1	.010			00-01
01 50	26.530	71.3	51.3	23	7															1					01-02
02 45	26.530	70.8	51.0	23	7															1					02-03
03 49	26.540	71.8	50.6	20	10	10	Cs	250												5	3	.010			03-04
04 46	26.550	71.2	50.0	19	10															5					04-05
05 49	26.550	72.6	51.2	20	10															6					05-06
06 52	26.560	73.7	52.4	22	10	10	Cs	250												5	3	.020			06-07
07 48	26.570	83.0	56.2	16	10															5					07-08
08 49	26.570	87.4	59.3	17	10															4					08-09
09 50	26.560	91.1	61.0	16	10	10	Cs	250												3	0	.000			09-10
10 52	26.550	94.4	60.9	13	10															4					10-11
11 45	26.530	96.3	61.2	11	10															4					11-12
12 53	26.520	98.0	62.0	11	10	10	Cs	250												4	7	.040			12-13
13 50	26.510	98.2	61.8	10	10															4					13-14
14 50	26.490	98.7	60.3	8	8															3					14-15
15 48	26.470	97.0	62.4	13	5	5	Cs	250												1	7	.050			15-16
16 45	26.470	95.5	61.3	12	3															0					16-17
17 48	26.465	94.0	61.3	13	1															0					17-18
18 45	26.455	91.0	60.4	15	1	1	Cs	250												0	8	.015			18-19
19 45	26.455	88.7	59.7	17	1															0					19-20
20 47	26.470	87.7	59.4	17	0															0					20-21
21 49	26.455	86.2	58.7	18	0															0	0	.000			21-22
22 46	26.460	84.7	57.0	16	0															0					22-23
23 47	26.460	82.3	57.5	20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	77	71	X	X						X		
	0345	1	0	0	0	80	71		0								
	0946	2	0	0	0	92	70		0								
	1544	3	0	0	0	100	91		0								
	2145	4	0	0	0	97	86		0								
	MID.	X	0	0	0	86	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.560	26.470	26.455
BAROGRAPH 64	26.525	26.560	26.470	26.440
BAR. CORR. 65	+.015	0*	0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	70	0	0	0	30	SW	2253					8	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. | OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0910P ±3 Sec./ 1755P ±3 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED "0" COR.

1548P/1548P

SP/0

RS/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

*U.S. G.P.O. 1983-564-009/103

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 17 JUN 1983

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	250 -SCT	20			088	73	31	03	05		993	103 1001	SH
SA	0150	250 -BKN	20			090	71	32	05	08		993		SH
SA	0245	250 -BKN	20			090	71	31	03	10		993		SH
SA	0349	250-OVC	20			094	72	29	09	06		994	303 1007 71 RADAT 20157	CRD
SA	0446	250 -OVC	20			098	71	27	07	04		995		CRD
SA	0549	E250 OVC	20			098	73	30	20	03		995		CRD
SA	0652	250-OVC	20			103	74	32	10	05		996	307 1007	CRD
SA	0748	250-OVC	20			105	83	33	29	05		997		CRD
SA	0849	250-OVC	20			104	87	38	21	10		997		CRD
SA	0950	250-OVC	20			100	91	39	25	12		996	000 1007 70	CRD
SA	1052	250-OVC	20			095	94	35	22	12 G	22	995		CRD
SA	1145	250-OVC	20			087	96	33	23	17 G	24	993		CRD
SA	1253	250 -OVC	20			084	98	34	22	15 G	27	992	714 1007	CRD
SA	1350	250 -OVC	20			080	98	33	19	15 G	25	991		CRD
SA	1450	250 -BKN	20			074	99	26	22	19 G	27	988		CRD
SA	1548	250 -SCT	20			067	97	37	22	20		986	717 1008 ~~100~~ 00 RADAT 20161	SH
SA	1645	250-SCT	20			067	96	35	20	18 G	29	986		SH
SA	1748	250 -SCT	20			066	94	37	21	16		986		SH
SA	1845	250 -SCT	20			062	91	37	19	09		985	805 1008	SH
SA	1945	250 - SCT	20			060	89	38	21	11		985		SH
SA	2047	CLR	20			063	88	38	19	12 G	20	986		SH
SA	2149	CLR	20			057	86	37	20	14 G	24	985	000 00	SH
SA	2246	CLR	20			057	85	33	21	12		985		SH
SA	2347	CLR	20			057	82	38	22	13		985		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x hVV$ Nddff $1s_n TTT$ $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_h C_L C_M C_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 18 JUN 1983

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.440	83.1	57.3	19	4	4	CS	250												1	8	.015				00-01
01 47	26.430	82.7	55.6	15	5															1						01-02
02 46	26.430	78.2	55.0	21	4															0						02-03
03 51	26.450	78.8	54.3	18	0															0	3	.010				03-04
04 49	26.460	76.2	54.5	23	0															0						04-05
05 50	26.470	77.3	55.3	23	0															0						05-06
06 49	26.470	80.5	56.8	22	0															0	1	.020				06-07
07 48	26.470	84.3	57.6	18	0															0						07-08
08 49	26.460	86.1	58.0	16	0															0						08-09
09 51	26.450	90.2	59.5	14	0															0	8	.020				09-10
10 48	26.450	92.2	58.9	11	0															0						10-11
11 52	26.445	93.7	59.0	10	0															0						11-12
12 51	26.435	94.4	60.4	12	0															0	8	.015				12-13
13 52	26.420	94.8	59.3	9	0															0						13-14
14 50	26.400	96.2	60.0	9	0															0						14-15
15 48	26.390	95.6	60.6	11	0															0	7	.045				15-16
16 49	26.370	94.7	59.0	9	0															0						16-17
17 48	26.370	92.4	58.7	10	0															0						17-18
18 50	26.390	88.0	57.0	12	0															0	5	.000				18-19
19 47	26.370	84.7	55.4	12	0															0						19-20
20 48	26.370	83.3	55.0	13	0															0						20-21
21 45	26.380	81.3	53.7	13	0															0	5	.010				21-22
22 50	26.390	78.5	52.0	13	0															0						22-23
23 48	26.390	77.3	51.5	13	0															0						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	84	77	X	X						X		
	0348	1	0	0	0	86	77		0								
	0946	2	0	0	0	91	75		0								
	1544	3	0	0	0	97	90		0								
	2141	4	0	0	0	96	81		0								
	MID.	X	0	0	0	81	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1546	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.450	26.390	26.380
BAROGRAPH 64	26.420	26.430	26.365	26.355
BAR. CORR. 65	+.030	+.020	+.025	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	75	0	0	0	32	5	1517					0	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ SUNSET ____

TOTAL SUNSHINE ____ (MIN.) PERCENT OF POSSIBLE SUNSHINE ____ CHARACTER OF SUNRISE ____ CHARACTER OF SUNSET ____

FASTEST OBSERVED 1-MINUTE WIND SPEED ____ M.P.H. OR FASTEST MILE ____ M.P.H. ASSOCIATED DIRECTION ____ TIME ____

TIME CHECK - CLOCK AT: 0915P ±3Sec./ 1905P ±3Sec./ ± Sec.

SP/O
RS/O

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 18 JUN 1983

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	250 - SCT	20			048	83	36	18	17		983	805 1008	SH
SA	0147	250 - SCT	20			045	83	31	19	12		982		SH
SA	0246	250 - SCT	20			047	78	35	22	08		982		SH
SA	0351	CLR	20			055	79	32	07	03		984	303 77 RADAT 20156	CRD
SA	0449	CLR	20			062	76	36	24	08		985		CRD
SA	0550	CLR	20			066	77	37	22	06		986		CRD
SA	0649	CLR	20			066	81	38	23	13		986	107	CRD
SA	0748	CLR	20			064	84	36	24	17	G24	986		CRD
SA	0849	CLR	20			059	86	35	24	20	G29	985		CRD
SA	0951	CLR	20			055	90	35	21	14	G25	984	807 75	CRD
SA	1048	CLR	20			055	92	30	23	16		984		CRD
SA	1152	CLR	20			054	94	28	19	17	G30	984		CRD
SA	1251	CLR	20			048	94	33	20	16	G29	983	805	CRD
SA	1352	CLR	20			044	95	28	25	18	G27	981		CRD
SA	1450	CLR	20			038	96	29	23	17	G28	979		CRD
SA	1548	CLR	20			033	96	32	18	14	G26	978	715 97 RADAT 20160	SH
SA	1649	CLR	20			028	95	27	21	16	G31	975		SH
SA	1748	CLR	20			028	92	29	20	20		975		SH
SA	1850	CLR	20			037	88	29	19	13		978	500	SH
SA	1947	CLR	20			029	85	27	22	16		975		SH
SA	2048	CLR	20			029	83	28	22	15		975		SH
SA	2145	CLR	20			032	81	25	33	05		976	503 97	SH
SA	2250	CLR	20			035	79	23	24	08	G17	978		SH
SA	2348	CLR	20			035	77	23	26	12		978		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 19 JUN 1983

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 ~~50~~ 51	26.420	73.6	50.8	17	0															0	2	.040			00-01
01 48	26.440	71.0	50.0	20	0															0					01-02
02 45	26.450	68.3	49.0	22	0															0					02-03
03 47	26.460	67.3	47.8	20	0															0	2	.040			03-04
04 48	26.475	62.3	46.0	26	0															0					04-05
05 46	26.485	67.9	48.1	20	0															0					05-06
06 46	26.495	73.2	50.6	17	0															0	2	.035			06-07
07 50	26.500	76.7	52.0	15	0															0					07-08
08 49	26.495	78.0	54.2	19	0															0					08-09
09 47	26.490	81.3	56.2	19	0															0	8	.005			09-10
10 49	26.480	85.0	58.3	18	0															0					10-11
11 51	26.465	87.9	60.4	19	0															0					11-12
12 45	26.450	90.2	60.6	17	0	0	Ci	300												0	7	.040			12-13
13 50	26.435	90.0	59.6	15	0															0					13-14
14 49	26.425	92.0	59.8	13	0															0					14-15
15 50	26.410	90.7	59.0	13	0	0	ci	250												0	7	.040			15-16
16 48	26.400	91.2	58.6	11	0															0					16-17
17 47	26.380	90.2	59.2	14	0															0					17-18
18 48	26.385	87.0	57.1	13	0	0	ci	250												0	7	.025			18-19
19 46	26.390	82.2	54.1	13	0															0					19-20
20 50	26.400	82.4	53.0	10	4															0					20-21
21 50	26.400	77.9	53.3	17	4	4	ci	250												1	1	.015			21-22
22 50	26.400	80.9	53.4	13	5															2					22-23
23 51	26.400	75.8	50.6	13	5															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342		0	0		77	67										
	0342	1	0	0	0	81	67		0								
	0941	2	0	0	0	81	62		0								
	1542	3	0	0	0	94	81		0								
	2144	4	0	0	0	92	78		0								
	MID.		0	0	0	83	75										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.490	26.410	26.400
BAROGRAPH 64	26.425	26.490	26.415	26.400
BAR. CORR. 65	+.035	0	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	62	0	0	0	20	SW	2002					0	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0803P ±3 Sec./ 2350P ±3 Sec./ ± Sec.

RESET MICROBARGRAPH TO ZERO AT 0348 LST

0947P 62 1150P

SP/O

RS/O

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 19 JUN 1983

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0051	CLR	20			049	74	27	30	12		981	214	SH
SA	0148	CLR	20			056	71	28	29	10		983		SH
SA	0245	CLR	20			060	68	28	28	10		984		SH
SA	0347	CLR	20			064	67	25	33	06		986	214 67 RADAT 20159	RD
SA	0448	CLR	20			074	62	27	04	07		987		RD
SA	0546	CLR	20			077	68	26	06	03		988		RD
SA	0646	CLR	20			080	73	26	23	04		989	212	RD
SA	0750	CLR	20			081	77	26	21	05		990		RD
SA	0849	CLR	20			079	78	32	20	08		989		RD
SA	0947	CLR	20			077	81	35	16	07		989	802 67	RD
SA	1049	CLR	20			074	85	37	20	09		988		RD
SA	1151	CLR	20			066	88	41	22	16		986		RD
SA	1245	CLR	20			061	90	39	22	14		984	714 1001	RD
SA	1350	CLR	20			056	90	36	22	11		983		RD
SA	1449	CLR	20			054	92	34	24	13		982		RD
SA	1550	CLR	20			049	91	33	25	09	G16	980	714 1001 94 RADAT 20145	008
SA	1648	CLR	20			047	91	30	23	09		979		008
SA	1747	CLR	20			038	90	34	23	10		976		008
SA	1848	CLR	20			039	87	30	20	09		977	708 1001	008
SA	1946	CLR	20			041	82	26	20	13		978		008
SA	2050	250-SCT	20			044	82	20	22	10		979		008
SA	2150	250-SCT	20			044	78	29	20	10		979	105 1001 94	008
SA	2250	250-SCT	20			041	81	25	17	11		979		008
SA	2351	250-SCT	20			042	76	22	36	05		979		008

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 20

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.400	71.6	49.0	16	5	5	ci	250												2	4	.000			00-01
01 51	26.385	69.3	47.6	16	5															2					01-02
02 45	26.390	70.1	48.2	16	5															4					02-03
03 50	26.400	67.8	47.9	19	0	0	Ci	250												0	5	.000			03-04
04 49	26.410	65.0	47.0	23	0															0					04-05
05 46	26.425	71.4	50.6	21	0															0					05-06
06 47	26.430	75.1	52.0	18	0															0	2	.030			06-07
07 49	26.430	77.8	54.6	20	0															0					07-08
08 48	26.420	81.0	55.0	16	0															0					08-09
09 46	26.410	83.4	56.2	16	0															0	8	.020			09-10
10 46	26.390	88.3	57.0	12	0															0					10-11
11 46	26.390	90.1	57.3	10	0															0					11-12
12 48	26.380	90.7	57.2	9	0	0	Ci	250												0	8	.030			12-13
13 46	26.365	90.4	56.1	8	0															0					13-14
14 50	26.350	90.0	55.3	6	0															0					14-15
15 45	26.340	90.7	55.7	7	0	0	ci	250												0	6	.040			15-16
16 48	26.330	89.0	55.0	7	0															0					16-17
17 47	26.330	88.0	55.0	8	0															0					17-18
18 49	26.340	85.4	54.1	9	0	0	ci	250												0	5	.000			18-19
19 50	26.340	83.1	53.6	10	0															0					19-20
20 49	26.360	80.9	52.0	9	0															0					20-21
21 51	26.370	78.4	51.0	10	0	0	ci	250												0	3	.030			21-22
22 52	26.370	76.6	50.2	11	0															0					22-23
23 46	26.370	77.6	51.6	13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	76	68	X	X						X		
	0342	1	0	0	0	83	68		0								
	0941	2	0	0	0	83	65		0								
	1540	3	0	0	0	93	83		0								
	2146	4	0	0	0	91	78		0								
	MID.	X	0	0	0	79	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1544	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.410	26.340	26.370
BAROGRAPH 64	26.400	26.415	26.355	26.380
BAR. CORR. 65	0	-.005	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	65	0	0	0	32	5	1715					0	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK-CLOCK AT: 0749P ±3Sec./ 2330P ±3Sec./ ± Sec.

1046P-1046P

RS-0

SP-0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 20

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	250-SCT	20			043	72	22	31	02		979	400 1001	008
SA	0151	250-SCT	20			039	69	21	02	05		977		008
SA	0245	250 SCT	20			039	70	22	03	06		978		008
SA	0350	CLR	20			046	68	24	33	06		979	500 1001 68 RADAT 20147	RD
SA	0449	CLR	20			049	65	26	02	06		980		RD
SA	0546	CLR	20			053	71	29	05	03		982		RD
SA	0647	CLR	20			055	75	29	29	04		982	210	RD
SA	0749	CLR	20			056	78	34	24	08		982		RD
SA	0848	CLR	20			050	81	31	20	11		981		RD
SA	0946	CLR	20			046	83	32	16	03		980	809 65	RD
SA	1046	CLR	20		035	~~045~~	88	28	21	22		978		RD
SA	1146	CLR	20			037	90	26	21	20		978		RD
SA	1248	CLR	20			035	91	25	21	15 G28		977	810 1001	RD
SA	1346	CLR	20			031	90	20	18	19		975		RD
SA	1450	CLR	20			026	90	16	21	20		973		RD
SA	1545	CLR	20			022	91	17	20	18 G28		972	614 1001 93 RADAT 20155	008
SA	1648	CLR	20			020	89	16	17	20 G28		971		008
SA	1747	CLR	20			018	88	19	19	15 G30		971		008
SA	1849	CLR	20			021	85	19	19	10 G19		972	500 1001	008
SA	1950	CLR	20			020	83	22	21	08 G15		972		008
SA	2049	CLR	20			029	81	18	18	10		974		008
SA	2151	CLR	20			032	78	18	16	12		975	310 1001 93	008
SA	2252	CLR	20			033	77	18	15	04 G12		975		008
SA	2346	CLR	20			030	78	23	18	12 G18		975		008

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 21

To convert LST to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.370	75.8	51.2	15	1	1	Ci	250												1	4	.000			00-01
01 50	26.370	73.0	50.7	18	1															1					01-02
02 45	26.380	71.8	50.4	19	2															2					02-03
03 50	26.400	70.9	50.0	20	0	0	Ci	250												0	3	.030			03-04
04 46	26.430	69.8	50.1	22	0															0					04-05
05 49	26.450	72.0	51.3	20	0															0					05-06
06 46	26.470	76.4	53.0	18	0	0	Ci	250												0	2	.070			06-07
07 48	26.490	78.7	53.9	17	0															0					07-08
08 47	26.490	82.6	54.4	13	0															0					08-09
09 49	26.500	84.3	54.0	10	0	0	Ci	250												0	3	.030			09-10
10 49	26.510	86.0	55.0	10	0															0					10-11
11 48	26.500	88.9	56.1	9	0															0					11-12
12 46	26.490	89.7	56.3	9	0	0	Ci	250												0	8	.010			12-13
13 48	26.485	90.5	56.0	7	0															0					13-14
14 49	26.480	92.0	56.6	7	0															0					14-15
15 45	26.470	90.7	56.6	8	0															0	8	.020			15-16
16 50	26.480	91.4	56.7	8	0															0					16-17
17 47	26.470	89.1	55.8	8	0															0					17-18
18 50	26.475	85.8	53.8	8	0															0	2	.005			18-19
19 48	26.490	82.9	52.3	8	0															0					19-20
20 47	26.520	77.2	50.1	10	0															0					20-21
21 51	26.530	74.5	49.5	12	0															0	2	.055			21-22
22 50	26.540	72.4	48.8	14	0															0					22-23
23 50	26.550	71.1	49.1	17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	78	69	X	X						X		
	0343	1	0	0	0	79	69		0								
	0942	2	0	0	0	84	69		0								
	1540	3	0	0	0	93	84		0								
	2147	4	0	0	0	92	73		0								
	MID.	X	0	0	0	76	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1544	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.500	26.470	26.530
BAROGRAPH 64	26.400	26.500	26.470	26.525
BAR. CORR. 65	0	0	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	69	0	0	0	31	SW	1539					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0807P ±3 Sec./ 2330P ±3 Sec./ ± Sec.

CHANGED MICROBAROGRAPH AT 0948 LST

RS - 0

SP - 0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 21

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0045	250 SCT	20			030	76	24	30	05		975	400 1002	008
SA	0150	250 SCT	20			030	73	27	24	12		975		008
SA	0245	250 SCT	20			035	72	28	22	11		976		008
SA	0350	CLR	20			044	71	28	27	05		979	310 1001 69 RADAT 20147	RD
SA	0446	CLR	20			056	70	34	28	07		982		RD
SA	0549	CLR	20			064	72	29	05	04		984		RD
SA	0646	CLR	20			070	76	30	23	12		987	224 1001	RD
SA	0748	CLR	20			076	79	30	24	18		989		RD
SA	0847	CLR	20			076	83	26	23	23		989		RD
SA	0949	CLR	20			080	84	21	22	20		990	310 1001 69	RD
SA	1049	CLR	20			085	86	23	22	21		991		RD
SA	1148	CLR	20			079	89	23	21	18		990		RD
SA	1246	CLR	20			075	90	22	23	18		989	803 1001	RD
SA	1348	CLR	20			074	91	19	24	17		988		RD
SA	1449	CLR	20			073	92	19	23	16		988		RD
SA	1545	CLR	20			070	91	32	22	15 G31		986	807 93 RADAT 20156	008
SA	1650	CLR	20			074	91	21	21	17 G23		987		008
SA	1747	CLR	20			071	89	21	22	17 G27		986		008
SA	1850	CLR	20			072	86	17	23	12 G17		987	202	008
SA	1948	CLR	20			077	83	15	22	09		988		008
SA	2047	CLR	20			091	77	16	35	05		992		008
SA	2151	CLR	20			094	75	19	35	03		993	219 93	008
SA	2250	CLR	20			098	72	20	08	02		994		008
SA	2350	CLR	20			102	71	24	04	03		995		008

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 22

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.560	75.4	52.1	18	0															0	2	.030			00-01
01 45	26.550	67.8	48.6	22	0															0					01-02
02 45	26.550	67.2	48.4	23	0															0					02-03
03 50	26.560	64.6	47.0	24	0															0	5	.000			03-04
04 48	26.580	63.2	47.4	29	0															0					04-05
05 48	26.590	69.1	48.6	19	0															0					05-06
06 48	26.605	77.4	54.0	20	0															0	2	.045			06-07
07 48	26.620	82.4	55.6	16	0															0					07-08
08 48	26.620	83.6	56.0	15	0															0					08-09
09 48	26.620	87.3	57.7	14	0															0	1	.015			09-10
10 49	26.620	89.0	58.2	13	0															0					10-11
11 49	26.620	90.6	57.4	10	0															0					11-12
12 49	26.600	89.7	57.0	10	0	0	CW	90												0	8	.020			12-13
13 48	26.590	90.7	57.4	10	0															0					13-14
14 45	26.590	90.7	58.1	11	0															0					14-15
15 47	26.570	91.8	57.3	8	0															0	7	.030			15-16
16 48	26.560	91.1	57.3	9	0															0					16-17
17 50	26.560	88.3	56.0	9	0															0					17-18
18 48	26.570	85.3	54.7	10	0															0	5	.000			18-19
19 50	26.570	79.4	54.1	16	0															0					19-20
20 48	26.585	78.2	52.7	15	2															2					20-21
21 47	26.585	76.4	51.9	16	4	4	ci	250												3	2	.015			21-22
22 46	26.600	76.3	51.9	16	4															3					22-23
23 45	26.600	74.3	51.0	17	4															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	75	62	X	X						X		
	0346	1	0	0	0	76	62		0								
	0944	2	0	0	0	88	62		0								
	1542	3	0	0	0	93	87		0								
	2140	4	0	0	0	92	76		0								
	MID.	X	0	0	0	76	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.620	26.570	26.585
BAROGRAPH 64	26.550	26.610	26.555	26.580
BAR. CORR. 65	+.010	+.010	+.015	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	62	0	0	0	30	SW	1108					0	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0950P ±3 Sec./ 2215P ±3 Sec./ ± Sec.

0648P - D.P. 33 - 0900P

RS - 0

SP - 0

MF 1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 2 2

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	CLR	20			102	75	29	08	04		996	210	008
SA	0145	CLR	20			102	68	28	29	03		995		008
SA	0245	CLR	20			101	67	28	13	03		995		008
SA	0350	CLR	20			106	65	27	18	04		997	500 62 RADAT 20149	HS
SA	0448	CLR	20			114	63	29	33	05		998		HS
SA	0548	CLR	20			117	69	25	29	05		000		HS
SA	0648	CLR	20			120	77	27	23	07		002	215	HS
SA	0748	CLR	20			126	82	31	10	07		003		HS
SA	0848	CLR	20			127	84	31	10	06		003		HS
SA	0948	CLR	20			127	87	32	17	10	G18	003	105 62	HS
SA	1049	CLR	20			127	89	32	18	16	G28	003	FEW CU	HS
SA	1149	CLR	20			127	91	26	18	15	G27	003	FEW CU	HS
SA	1249	CLR	20			117	90	26	19	16	G29	001	FEW CU 807 1100	HS
SA	1348	CLR	20			116	91	26	18	13	G27	000	FEW CU	HS
SA	1445	CLR	20			117	91	29	21	12	G24	000	CU DSIPTD	HS
SA	1547	CLR	20			111	92	23	20	18	G26	997	710 93 RADAT 21135	008
SA	1648	CLR	20			107	91	25	20	15	G20	996		008
SA	1750	CLR	20			106	88	24	21	16	G21	996		008
SA	1848	CLR	20			110	85	23	20	12	G17	997	500	008
SA	1950	CLR	20			110	79	30	21	12		997		008
SA	2048	250 SCT	20			114	78	27	18	04		999		008
SA	2147	250 SCT	20			113	76	26	10	07		999	205 1002 93	008
SA	2246	250 SCT	20			117	76	27	10	09		001		008
SA	2345	250 SCT	20			118	74	26	10	04		001		008

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 23

To convert LST to GMT ADD 7 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.590	67.9	49.5	25	4	4	Ci	250												3	0	.005			00-01
01 48	26.590	66.1	47.1	21	3															3					01-02
02 45	26.595	65.6	46.6	20	3															3					02-03
03 50	26.600	64.2	46.6	23	0	0	Ci	250												0	3	.010			03-04
04 48	26.590	61.3	45.0	25	0															0					04-05
05 48	26.600	68.7	49.4	23	0															0					05-06
06 49	26.610	74.5	52.2	20	0	0	Ci	250												0	3	.010			06-07
07 48	26.610	80.7	54.1	15	0															0					07-08
08 48	26.590	86.2	55.6	11	0															0					08-09
09 51	26.595	87.6	55.1	8	0	0	Ci	250												0	8	.015			09-10
10 49	26.585	91.6	56.7	8	0															0					10-11
11 48	26.580	91.3	55.4	6	0															0					11-12
12 49	26.560	91.4	57.2	9	0	0	Ci	250												0	8	.035			12-13
13 48	26.540	94.0	58.1	8	0															0					13-14
14 47	26.530	93.4	56.3	5	0															0					14-15
15 48	26.520	92.1	55.5	5	0	0	Ci	250												0	6	.040			15-16
16 47	26.510	90.1	57.1	10	0															0					16-17
17 49	26.510	87.9	56.5	11	0															0					17-18
18 49	26.510	84.8	55.4	12	0	0	Ci	250												0	6	.010			18-19
19 47	26.520	81.8	54.7	14	0															0					19-20
20 48	26.540	78.0	51.8	13	0															0					20-21
21 49	26.550	73.5	51.0	18	0															0	1	.040			21-22
22 46	26.540	69.2	48.3	18	0															0					22-23
23 51	26.550	66.0	46.4	19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	74	63	X	X						X		
	0346	1	0	0	0	76	63		0								
	0947	2	0	0	0	88	61		0								
	1544	3	0	0	0	94	88		0								
	2145	4	0	0	0	92	74		0								
	MID.	X	0	0	0	74	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0950	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.595	26.520	26.550
BAROGRAPH 64	26.580	26.580	26.500	26.520
BAR. CORR. 65	+.020	+.015	+.020	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	61	0	0	0	34	SW	1334					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0900 ± 03 Sec./ 2200 ± 03 Sec./ ± Sec.

SP/0
RS/0

MF 1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 23

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	250 SCT	20			118	68	31	13	04		999	002 1002	008
SA	0148	250 SCT	20			117	66	25	07	03		999		008
SA	0245	250 SCT	20			120	66	24	13	05		000		008
SA	0350	CLR	20			122	64	26	36	05		001	303 1001 63 RADAT 20132	HS
SA	0448	CLR	20			120	61	25	35	05		000		HS
SA	0548	CLR	20			121	69	29	20	04		001		HS
SA	0649	CLR	20			124	75	30	08	04		002	303 1001	HS
SA	0748	CLR	20			124	81	28	35	02		002		HS
SA	0848	CLR	20			115	86	25	22	14		000		HS
SA	0951	CLR	20			116	88	20	20	13	G24	000	805 1001 61	HS
SA	1049	CLR	20			111	92	21	23	12	G21	999		HS
SA	1148	CLR	20			110	91	13	21	14	G26	999		HS
SA	1249	CLR	20			106	91	24	18	16		997	812 1001	HS
SA	1348	CLR	20			098	94	23	22	21		994		HS
SA	1447	CLR	20			094	93	14	21	14	G26	993		HS
SA	1548	CLR	20			091	92	11	18	16	G26	992	614 1001 94 RADAT 20138	EP
SA	1647	CLR	20			089	90	26	21	17	G26	991		EP
SA	1749	CLR	20			087	88	27	23	17		991		EP
SA	1849	CLR	20			086	85	27	23	14		991	603 1001	EP
SA	1947	CLR	20			089	82	29	23	08		992		EP
SA	2048	CLR	20			095	78	23	35	04		994		EP
SA	2149	CLR	20			100	74	28	18	04		995	114 94	EP
SA	2246	CLR	20			096	69	24	02	03		994		EP
SA	2351	CLR	20			102	66	22	00	00		995		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 24 JUN 1983

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.550	67.8	47.3	18	0															0	5	.000			00-01
01 47	26.550	66.8	46.9	18	0															0					01-02
02 50	26.550	65.1	46.2	20	0															0					02-03
03 51	26.550	62.1	45.0	23	0															0	4	.000			03-04
04 46	26.560	64.1	45.1	18	0															0					04-05
05 48	26.565	69.2	48.4	18	0															0					05-06
06 48	26.580	74.1	51.0	17	0															0	2	.030			06-07
07 49	26.580	79.5	54.4	17	0															0					07-08
08 48	26.580	84.6	56.2	14	0															0					08-09
09 49	26.570	87.4	56.6	12	0															0	8	.010			09-10
10 48	26.560	88.2	56.9	11	0															0					10-11
11 50	26.550	90.9	57.8	10	0															0					11-12
12 48	26.530	91.8	57.9	10	0	0	Cu	100												0	7	.040			12-13
13 48	26.520	90.9	57.3	9	0															0					13-14
14 47	26.500	91.8	58.1	10	1															1					14-15
15 48	26.490	90.6	58.9	13	1	1	Cu	90												1	7	.040			15-16
16 48	26.480	90.1	58.8	13	1															1					16-17
17 49	26.480	88.3	58.2	14	1															1					17-18
18 45	26.480	85.4	56.5	14	1	1	Cu	90												1	6	.010			18-19
19 49	26.490	81.2	54.6	15	0															0					19-20
20 50	26.515	75.8	52.0	17	0															0					20-21
21 48	26.520	70.4	49.3	19	0															0	1	.040			21-22
22 49	26.530	70.1	49.1	19	0															0					22-23
23 46	26.530	68.5	48.1	19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	68	62	X	X						X		
	0347	1	0	0	0	74	62		0								
	0945	2	0	0	0	89	61		0								
	1544	3	0	0	0	92	87		0								
	2145	4	0	0	0	91	70		0								
	MID.	X	0	0	0	70	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.570	26.490	26.520
BAROGRAPH 64	26.530	26.550	26.485	26.500
BAR. CORR. 65	+.020	+.020	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	61	0	0	0	37	SW	1130					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK-CLOCK AT: 0650P ±3 Sec./ 2230P ±3 Sec./ ± Sec.

1150P-WIND TIME 30-1150P

RS/0

SP/0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 24 JUN 1983

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			101	68	23	01	10		995	500	EP
SA	0147	CLR	20			100	67	23	04	10		995		EP
SA	0250	CLR	20			101	65	23	14	04		995		EP
SA	0351	CLR	20			104	62	24	11	06		996	400 62 RADAT 20132	HS
SA	0446	CLR	20			107	64	20	24	03		997		HS
SA	0548	CLR	20			108	69	24	05	04		997		HS
SA	0648	CLR	20			111	74	27	23	03		999	210	HS
SA	0749	CLR	20			112	80	31	21	04		999		HS
SA	0848	CLR	20			111	85	31	22	10		999		HS
SA	0949	CLR	20			108	87	28	19	13		998	803 61	HS
SA	1048	CLR	20			106	88	28	21	12	G24	997	FEW CU 3	HS
SA	1150	CLR	20			102	91	27	20	10	G24	996	FEW CU PKWND2337 1/40	HS
SA	1248	CLR	20			094	92	26	21	14	G26	993	FEW CU 714 1100	HS
SA	1348	CLR	20			091	91	25	22	12	G26	992	FEW CU	HS
SA	1447	90 SCT	20			084	92	27	24	10	G21	990		HS
SA	1548	90 SCT	20			081	91	32	24	12		988	714 1100 92 RADAT 47133	EP
SA	1648	90 SCT	20			077	90	33	23	14		987		EP
SA	1749	90 SCT	20			075	88	33	24	12		987		EP
SA	1845	90 SCT	20			075	85	30	24	13		987	603 1100	EP
SA	1949	CLR	20			077	81	29	24	07		988		EP
SA	2050	CLR	20			088	76	28	05	06		991		EP
SA	2148	CLR	20			091	70	26	03	06		992	114 92	EP
SA	2249	CLR	20			095	70	26	36	07		993		EP
SA	2346	CLR	20			094	69	25	03	07		993		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 25 JUN 1983

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.515	67.0	47.8	21	0															0	8	.005			00-01
01 47	26.515	64.0	46.5	24	0															0					01-02
02 50	26.515	62.5	45.8	25	0															0					02-03
03 50	26.525	64.3	46.6	23	0	0	Ci	250												0	3	.010			03-04
04 47	26.530	63.6	46.2	24	0															0					04-05
05 49	26.535	69.0	49.8	23	0															0					05-06
06 49	26.540	75.0	52.0	18	0															0	2	.015			06-07
07 48	26.540	81.0	55.6	18	0															0					07-08
08 48	26.540	84.8	56.1	14	0															0					08-09
09 50	26.525	87.9	57.0	12	0															0	8	.015			09-10
10 48	26.520	89.0	56.8	10	0															0					10-11
11 47	26.500	90.8	57.7	10	0															0					11-12
12 48	26.480	90.2	57.3	10	0	0	Cu	90												0	8	.045			12-13
13 49	26.470	91.0	57.6	10	0															0					13-14
14 45	26.450	93.9	58.2	8	0															0					14-15
15 46	26.430	91.9	58.8	11	0	0	Cu	90												0	8	.050			15-16
16 48	26.420	91.8	59.3	12	0															0					16-17
17 50	26.420	89.6	58.4	13	0															0					17-18
18 45	26.420	86.5	56.8	13	0	0	Ci	250												0	6	.010			18-19
19 47	26.430	83.8	55.6	14	0															0					19-20
20 48	26.440	81.0	54.0	14	0															0					20-21
21 48	26.450	75.7	52.7	18	0															0	2	.030			21-22
22 47	26.450	78.0	53.0	16	0															0					22-23
23 49	26.450	77.5	52.8	16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	69	62	X	X						X		
	0346	1	0	0	0	70	62		0								
	0946	2	0	0	0	88	64		0								
	1543	3	0	0	0	94	88		0								
	2144	4	0	0	0	92	76		0								
	MID.	X	0	0	0	78	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.525	26.430	26.450
BAROGRAPH 64	26.505	26.515	26.430	26.430
BAR. CORR. 65	+.020	*+.010	0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	62	0	0	0	22	SW	1812					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ SUNSET ____

TOTAL SUNSHINE ____ (MIN.) PERCENT OF POSSIBLE SUNSHINE ____ CHARACTER OF SUNRISE ____ CHARACTER OF SUNSET ____

FASTEST OBSERVED 1-MINUTE WIND SPEED ____ M.P.H. OR FASTEST MILE ____ M.P.H. ASSOCIATED DIRECTION ____ TIME ____

TIME CHECK - CLOCK AT: 0750 ✓ ±3 Sec. / 2200 ✓ ±3 Sec. / ± ____ Sec.

* BAROGRAPH CHANGED RE-SET TO "0"

RS/0

SP/0

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 25 JUN 1983

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	CLR	20			088	67	26	05	07		991	802	EP
SA	0147	CLR	20			090	64	26	17	04		991		EP
SA	0250	CLR	20			091	63	26	05	04		991	1001	EP
SA	0350	CLR	20			094	64	26	04	07		993	303 62 RADAT 40133	HS
SA	0447	CLR	20			096	64	26	07	04		993		HS
SA	0549	CLR	20			096	69	30	13	02		994		HS
SA	0649	CLR	20			096	75	29	15	02		994	205	HS
SA	0748	CLR	20			096	81	33	13	02		994		HS
SA	0848	CLR	20			096	85	30	21	04		994		HS
SA	0950	CLR	20			093	88	29	23	08		993	805 62	HS
SA	1048	CLR	20			090	89	26	24	10		992	FEW CU	HS
SA	1147	CLR	20			083	91	27	25	13		990	FEW CU	HS
SA	1248	CLR	20			076	90	26	23	10		988	FEW CU 815 1100	HS
SA	1349	CLR	20			073	91	26	24	09		987	FEW CU	HS
SA	1445	CLR	20			065	94	24	29	10		984	FEW CU	HS
SA	1546	CLR	20			057	92	30	24	10		982	817 1100 94 RADAT 26140	EP
SA	1648	CLR	20			054	92	32	24	10		981		EP
SA	1750	CLR	20			052	90	32	22	11		981		EP
SA	1845	CLR	20			051	87	30	22	12		981	603 1001	EP
SA	1947	CLR	20			053	84	29	22	09		982		EP
SA	2048	CLR	20			056	81	27	19	07		983		EP
SA	2148	CLR	20			061	76	30	03	03		984	210 94	EP
SA	2247	CLR	20			060	78	28	35	05		984		EP
SA	2349	CLR	20			060	78	28	02	08		984		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 26 JUN 1983

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.440	69.6	49.0	20	0															0	8	.010			00-01
01 47	26.440	67.0	48.5	23	0															0					01-02
02 50	26.450	65.9	48.1	25	0															0					02-03
03 49	26.465	65.9	48.1	25	0															0	3	.025			03-04
04 49	26.470	65.8	48.0	25	0															0					04-05
05 49	26.485	68.1	49.2	23	0															0					05-06
06 49	26.490	76.8	53.9	20	0															0	1	.025			06-07
07 48	26.500	79.8	55.6	20	0															0					07-08
08 47	26.505	82.6	57.2	19	0															0					08-09
09 49	26.500	85.0	58.5	19	0															0	0	.010			09-10
10 48	26.490	88.0	59.1	16	0															0					10-11
11 47	26.470	90.8	58.6	12	0															0					11-12
12 49	26.450	92.1	59.2	12	0	0	AC	120												0	8	.050			12-13
13 48	26.450	92.8	60.1	13	0															0					13-14
14 50	26.430	92.2	59.8	13	0															0					14-15
15 50	26.430	91.7	59.5	13	0	0	CU	100												0	6	.020			15-16
16 49	26.420	89.4	57.8	12	0															0					16-17
17 48	26.420	88.6	57.3	12	0															0					17-18
18 49	26.430	85.2	56.1	13	0															0	5	.000			18-19
19 48	26.440	83.0	55.7	15	0															0					19-20
20 48	26.460	81.8	55.8	17	0															0					20-21
21 48	26.480	77.1	55.0	23	0															0	3	.050			21-22
22 50	26.470	77.9	54.8	21	0															0					22-23
23 50	26.480	76.3	54.0	22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	78	66	X	X						X		
	0345	1	0	0	0	78	66		0								
	0946	2	0	0	0	85	66		0								
	1545	3	0	0	0	95	85		0								
	2144	4	0	0	0	92	77		0								
	MID.	X	0	0	0	78	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.465	26.500	26.430	26.480
BAROGRAPH 64	26.440	26.480	26.415	26.450
BAR. CORR. 65	+.025	+.020	+.015	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	66	0	0	0	31	SW	1328					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ SUNSET ____

TOTAL SUNSHINE ____ (MIN.) | PERCENT OF POSSIBLE SUNSHINE ____ | CHARACTER OF SUNRISE ____ | CHARACTER OF SUNSET ____

FASTEST OBSERVED 1-MINUTE WIND SPEED ____ M.P.H. OR FASTEST MILE ____ M.P.H. | ASSOCIATED DIRECTION ____ | TIME ____

TIME CHECK - CLOCK AT: 0553 P ±3 Sec./ 1752P ±3 Sec./ ± Sec.

SP/0
RS/0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 26 JUN 1983

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0046	CLR	20			060	70	26	02	08		983	803	EP
SA	0147	CLR	20			061	67	29	01	08		983		EP
SA	0250	CLR	20			063	66	29	03	08		984		EP
SA	0349	CLR	20			070	66	29	03	05		986	308 66 RADAT 40137	JD
SA	0449	CLR	20			072	66	29	03	07		986		JD
SA	0549	CLR	20			078	68	29	05	02		988		JD
SA	0649	CLR	20			076	77	33	23	03		988	108	JD
SA	0748	CLR	20			080	80	35	24	05		990		JD
SA	0847	CLR	20			082	83	37	24	07		991		JD
SA	0949	CLR	20			082	85	38	23	10		990	003 66	JD
SA	1048	CLR	20			076	88	36	19	08	G22	988		JD
SA	1147	CLR	20			067	91	31	22	12	G21	986		JD
SA	1249	CLR	20			063	92	31	22	17	G26	984	817 1030	JD
SA	1348	CLR	20			064	93	34	22	17		984		JD
SA	1450	CLR	20			057	92	34	18	12	G25	982		JD
SA	1550	CLR	20			057	92	33	23	17	G24	982	607 1100 95 RADAT 26139	EP
SA	1649	CLR	20			054	89	30	21	16	G22	981		EP
SA	1748	CLR	20			053	89	29	23	14	G20	981		EP
SA	1849	CLR	20			055	85	29	20	15		982	500	EP
SA	1948	CLR	20			057	83	31	20	11		983		EP
SA	2048	CLR	20			065	82	33	19	15	G21	985		EP
SA	2148	CLR	20			074	77	36	23	10		987	317 95	EP
SA	2250	CLR	20			068	78	35	21	17	G23	986		EP
SA	2350	CLR	20			071	76	34	23	11		987		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 27

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.480	77.0	54.5	22	0															0	5	.000			00-01
01 50	26.480	76.6	54.8	23	0															0					01-02
02 52	26.480	68.2	50.7	28	0															0					02-03
03 47	26.500	67.1	50.5	30	0	0	Ci	250												0	3	.020			03-04
04 47	26.525	64.5	50.0	36	0															0					04-05
05 47	26.540	67.7	53.7	40	1															0					05-06
06 48	26.550	71.4	55.2	36	5	5	Ci	250												0	2	.050			06-07
07 47	26.565	73.7	55.9	32	2															0					07-08
08 48	26.565	76.9	57.5	30	1															0					08-09
09 48	26.570	79.7	58.0	26	0	0	Ci	250												0	1	.020			09-10
10 48	26.560	84.7	60.2	23	1															0					10-11
11 47	26.535	89.0	60.2	17	2															1					11-12
12 49	26.520	90.1	60.4	16	7	7	Cs	250												2	8	.050			12-13
13 49	26.515	89.7	58.4	13	9															3					13-14
14 50	26.510	91.5	60.1	14	10															2					14-15
15 51	26.500	90.1	58.5	12	9	9	Ci	270												3	7	.020			15-16
16 49	26.500	89.0	58.4	13	8															3					16-17
17 50	26.510	85.7	57.5	16	10															4					17-18
18 49	26.520	84.0	56.5	16	10	10	Cs	270												4	3	.020			18-19
19 46	26.525	81.8	55.3	16	8															3					19-20
20 48	26.540	79.8	54.4	17	8															3					20-21
21 48	26.550	77.3	53.8	19	4	4	Cs	270												2	3	.030			21-22
22 50	26.560	73.1	51.8	21	3															2					22-23
23 49	26.570	73.3	52.3	22	3															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	77	67	X	X						X		
	0344	1	0	0	0	78	67		0								
	0945	2	0	0	0	80	65		0								
	1546	3	0	0	0	93	80		0								
	2144	4	0	0	0	90	77		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1557	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.570	26.500	26.550
BAROGRAPH 64	26.475	26.545	26.490	26.520
BAR. CORR. 65	+.025	+.025	+.010	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	65	0	0	0	29	SW	1245*					5	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0517P ±3 Sec./ 1802P ±3 Sec./ ± Sec.

0848P 0848P

* LAST OF SEVERAL OCCURANCES

SP/O
RS/O

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 27

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			071	77	35	20	10		987	500	KH
SA	0150	CLR	20			071	77	36	22	08		987		KH
SA	0252	CLR	20			075	68	34	04	10		987		KH
SA	0347	CLR	20			082	67	35	33	06		990	307 1001 67 RADAT 20137	JD
SA	0447	CLR	20			094	65	37	33	05		993		JD
SA	0547	250 - SCT	20			099	68	43	32	07		994		JD
SA	0648	250 - SCT	20			103	71	43	22	03		995	217 1006	JD
SA	0747	250 - SCT	20			108	74	42	26	02		997		JD
SA	0848	250 - SCT	20			107	77	48	25	05		997		JD
SA	0948	CLR	20			110	80	42	24	06		997	107 1001 65	JD
SA	1048	250 - SCT	20			103	85	43	21	08		996		JD
SA	1147	250 - SCT	20			093	89	39	22	21 G26		994		JD
SA	1249	250 - BKN	20			086	90	38	23	19 G29		992	817 1006	JD
SA	1349	250 - BKN	20			085	90	32	23	16 G25		992		JD
SA	1450	250 - OVC	20			086	92	36	20	12 G20		991		JD
SA	1551	270 - BKN	20			084	90	32	19	13		990	707 1001 93 RADAT 20147	KH
SA	1649	270 - BKN	20			085	89	33	19	15		990		KH
SA	1750	270 - OVC	20			089	86	34	23	12		991		KH
SA	1849	270 - OVC	20			091	84	33	23	13		992	307 1007	KH
SA	1946	270 - BKN	20			093	82	31	19	13		993		KH
SA	2048	270 - BKN	20			099	80	31	24	09		994		KH
SA	2148	270 - SCT	20			103	77	32	24	10		995	310 1008 93	KH
SA	2250	270 SCT	20			106	73	31	18	03		996		KH
SA	2349	270 - SCT	20			108	73	33	29	05		997		KH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 28

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.580	69.4	50.8	26	1	1	CS	270												1	2	.030			00-01
01 45	26.585	67.9	50.1	27	0															0					01-02
02 50	26.590	65.8	49.0	28	0															0					02-03
03 49	26.600	65.1	49.0	30	0															0	2	.020			03-04
04 48	26.605	62.2	47.7	33	0															0					04-05
05 48	26.610	67.2	50.1	29	0															0					05-06
06 48	26.620	70.8	51.8	26	0															0	2	.020			06-07
07 48	26.615	76.7	54.4	22	0															0					07-08
08 48	26.610	79.5	55.8	21	0															0					08-09
09 50	26.600	82.7	57.5	20	0															0	8	.020			09-10
10 48	26.590	84.9	58.8	20	0															0					10-11
11 48	26.575	88.8	60.0	17	0															0					11-12
12 48	26.550	90.2	60.7	17	0															0	7	.050			12-13
13 49	26.540	89.8	60.2	16	0															0					13-14
14 50	26.520	89.7	60.2	16	0															0					14-15
15 46	26.500	91.3	61.0	16	2	2	CI	280												0	7	.050			15-16
16 52	26.485	91.9	61.5	16	1															0					16-17
17 45	26.480	88.5	58.3	14	0															0					17-18
18 45	26.480	85.8	56.8	14	0	0	AC	180	0	CI	280	0								0	6	.020			18-19
19 48	26.490	82.5	55.5	15	0															0					19-20
20 45	26.500	81.3	55.0	16	0															0					20-21
21 50	26.500	77.2	53.2	18	0															0	1	.020			21-22
22 49	26.490	73.2	51.0	21	2															0					22-23
23 49	26.490	71.2	50.1	20	2															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	73	64	X	X						X		
	0345	1	0	0	0	77	64		0								
	0945	2	0	0	0	83	62		0								
	1542	3	0	0	0	93	83		0								
	2145	4	0	0	0	92	77		0								
	MID.	X	0	0	0	77	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1546	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.600	26.500	26.500
BAROGRAPH 64	26.575	26.580	26.485	26.475
BAR. CORR. 65	+.025	+.020	+.015	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	62	0	0	0	18	SW	1424					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0504P ±3 Sec./ 1729P ±3 Sec./ ± Sec.

SP/0
RS/0

MF1-10A (1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 28

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	270 SCT	20			113	69	33	36	08		998	210 1008	~~KD~~
SA	0145	CLR	20			115	68	33	34	08		999		~~KD~~
SA	0250	CLR	20			118	66	32	04	09		999		~~KD~~
SA	0349	CLR	20			122	65	33	03	05		001	207 64 RADAT 20142	JD
SA	0448	CLR	20			126	62	33	14	03		002		JD
SA	0548	CLR	20			127	67	34	09	02		002		JD
SA	0648	CLR	20			130	71	34	25	02		003	207	JD
SA	0748	CLR	20			126	77	35	20	03		003		JD
SA	0848	CLR	20			125	80	36	18	04		002		JD
SA	0950	CLR	20			121	83	37	23	09		001	807 62	JD
SA	1048	CLR	20			118	85	39	23	11		999		JD
SA	1148	CLR	20			110	89	38	23	09		998		JD
SA	1248	CLR	20			102	90	39	18	09		995	717	JD
SA	1349	CLR	20			099	90	38	20	11		994		JD
SA	1450	CLR	20			092	90	38	23	03	G13	992		JD
SA	1546	280-SCT	20			084	91	39	23	12		990	717 1001 93 RADAT 20150	~~KD~~
SA	1652	280-SCT	20			079	92	40	29	09		988		~~KD~~
SA	1745	CLR	20			076	89	33	25	13		987		~~KD~~
SA	1845	CLR	20			075	86	31	25	11		987	607 1071	~~KD~~
SA	1948	CLR	20			080	83	31	23	12		988		~~KD~~
SA	2045	CLR	20			082	81	31	23	10		990		~~KD~~
SA	2150	CLR	20			083	77	30	08	04		990	107 93	~~KD~~
SA	2249	280-SCT	20			080	72	30	03	05		988		~~KD~~
SA	2349	280-SCT	20			081	71	28	34	04		988		~~KD~~

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 29

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.440	73.0	51.0	19	0															0	6	.010			00-01
01 48	26.470	71.1	50.1	20	0															0					01-02
02 50	26.470	67.3	49.0	25	0															0					02-03
03 49	26.470	65.4	48.0	26	0	0	Ci	250												0	6	.020			03-04
04 49	26.470	62.7	46.9	29	1															0					04-05
05 49	26.475	67.5	49.1	24	6															0					05-06
06 48	26.480	75.1	53.1	21	6	6	Cs	250												1	3	.010			06-07
07 49	26.470	78.8	54.4	18	8															1					07-08
08 48	26.465	82.2	56.9	19	8															2					08-09
09 51	26.455	84.8	58.9	20	9	9	Cs	E250												6	8	.025			09-10
10 48	26.440	87.9	59.5	17	9															4					10-11
11 48	26.420	89.7	60.2	16	10															6					11-12
12 48	26.400	90.7	61.1	17	10	10	Cs	250												3	7	.055			12-13
13 48	26.390	91.9	61.6	17	10															2					13-14
14 50	26.380	91.0	60.1	15	10															4					14-15
15 48	26.370	89.8	59.8	15	10	0	Ac	180	10	Cs	E250	10								8	7	.030			15-16
16 52	26.360	88.9	59.0	15	10															4					16-17
17 48	26.350	88.0	58.7	15	10															3					17-18
18 48	26.350	85.0	57.4	16	10	10	Cs	300												3	6	.020			18-19
19 46	26.350	83.8	56.2	15	9															3					19-20
20 50	26.370	81.9	57.0	20	5															2					20-21
21 45	26.370	79.3	54.5	18	3	3	Cs	300												0	1	.020			21-22
22 51	26.360	80.0	54.0	15	3															2					22-23
23 47	26.360	77.9	53.9	18	3															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 43	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	74	65	X	X						X		
	0344	1	0	0	0	77	65		0								
	0946	2	0	0	0	86	63		0								
	1544	3	0	0	0	94	85		0								
	2141	4	0	0	0	90	79		0								
	MID.	X	0	0	0	80	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0950	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.455	26.370	26.370
BAROGRAPH 64	26.440	26.440	26.370	26.365
BAR. CORR. 65	+.030	+.015*	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	63	0	0	0	28	SW	1627					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0454P ±4 Sec./ 1739P ±4 Sec./ ± Sec.

0349P / APP 607 / 2355P

* 0955P Barograph Changed 0 Corr.

SP/0
RS/0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUN 29

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	CLR	20			076	73	28	27	04		988	603	NY
SA	0148	CLR	20			070	71	28	14	06		986		NY
SA	0250	CLR	20			072	67	30	14	02		986	T	NY
SA	0349	CLR	20			072	65	29	09	04		986	605 1001 65 RADAT 33140	JD
SA	0449	250 -SCT	20			073	63	30	07	03		986		JD
SA	0549	250 -BKN	20			075	68	30	27	03		987		JD
SA	0648	250 -BKN	20			074	75	33	09	02		987	303 1006	JD
SA	0749	250 -BKN	20			070	79	32	05	02		986		JD
SA	0848	250 -BKN	20			067	82	36	19	05		986		JD
SA	0951	E250 BKN	20			065	85	39	24	14	G20	985	808 1006 63	JD
SA	1048	250 -BKN	20			060	88	38	23	17	G24	983		JD
SA	1148	E250 OVC	20			051	90	38	21	17	G25	981		JD
SA	1248	250 -OVC	20			042	91	40	23	17	G25	979	719 1007	JD
SA	1348	250 -OVC	20			038	92	40	19	12	G24	978		JD
SA	1450	250 -OVC	20			038	91	36	20	14	G21	976		JD
SA	1548	E250 OVC	20			035	90	37	21	15	G23	975	710 1077 94 RADAT 20147	NY
SA	1652	250 SCT 300- OVC	20			033	89	35	22	15	G22	974		NY
SA	1748	300-OVC	20			027	88	35	20	14	G22	973		NY
SA	1848	300-OVC	20			026	85	34	20	14	G21	973	607 1007	NY
SA	1946	300-BKN	20			024	84	32	21	15	G23	973		NY
SA	2050	300-SCT	20			030	82	37	18	10		975		NY
SA	2145	300-SCT	20			030	79	32	15	09		975	107 1008 94	NY
SA	2251	300 SCT	20			026	80	29	20	15	G23	974		NY
SA	2347	300-SCT	20			026	78	32	20	08		974		NY

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 JUN 30

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.350	76.3	52.8	18	0															0	7	.020			00-01
01 48	26.350	73.1	52.4	23	3															0					01-02
02 50	26.340	72.2	52.0	24	8															2					02-03
03 52	26.380	67.9	51.0	30	6	6	Cs	300												2	3	.030			03-04
04 54	26.410	66.7	50.2	30	7															2					04-05
05 49	26.420	67.3	51.6	34	10															3					05-06
06 49	26.430	71.2	53.0	29	10	10	Cs	300												3	1	.050			06-07
07 48	26.440	74.8	54.0	24	10															2					07-08
08 48	26.440	77.1	55.8	25	10															3					08-09
09 48	26.440	78.9	58.4	23	10	10	Cs	E300												6	1	.010			09-10
10 49	26.440	82.2	58.0	22	10															6					10-11
11 50	26.440	83.0	59.0	23	7															5					11-12
12 53	26.420	87.1	60.0	19	2	2	Cs	300												2	8	.020			12-13
13 49	26.420	88.6	59.8	17	3															2					13-14
14 46	26.410	88.0	59.0	16	7															3					14-15
15 49	26.400	88.2	59.2	16	10	10	Cs	300												3	8	.020			15-16
16 48	26.390	86.8	58.8	17	10															3					16-17
17 53	26.400	85.0	58.0	18	10															2					17-18
18 45	26.400	82.2	57.1	20	10	10	Cs	300												2	5	.000			18-19
19 48	26.410	79.9	56.2	21	10															2					19-20
20 50	26.440	79.0	56.5	24	6															1					20-21
21 48	26.440	77.0	55.0	23	3	3	Cs	300												1	1	.040			21-22
22 47	26.440	72.2	53.1	27	0															0					22-23
23 45	26.440	71.5	52.2	26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	78	68	X	X						X		
	0346	1	0	0	0	80	68		0								
	0945	2	0	0	0	79	66		0								
	1546	3	0	0	0	91	79		0								
	2145	4	0	0	0	88	77		0								
	MID.	X	0	0	0	77	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0948	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.380	26.440	26.400	26.440
BAROGRAPH 64	26.380	26.440	26.400	26.440
BAR. CORR. 65	0	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	66	0	0	0	30	SW	1344					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0600P ±4 Sec./ 1800P ±4 Sec./ ± Sec.

0352/0352 0948P/APP 103/1805P

SP/0
RS/0

MF1-10A
(1-82)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE **1983 JUN 30**

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (14)
SA	0052	CLR	20			022	76	30	22	10		973	707	~~JK~~
SA	0148	300-SCT	20			023	73	33	23	14		973		~~JK~~
SA	0250	300-BKN	20			019	72	33	03	05		972		~~JK~~
SA	0352	300-BKN	20			038	68	35	34	07		976	310 1008 ~~85~~ 68 RADAT 25147	CG
SA	0434	300-BKN	20			050	67	35	32	09		980		CG
SA	0549	300-OVC	20			053	67	38	32	08		981		CG
SA	0649	300-OVC	20			057	71	37	23	03		982	117 1007	CG
SA	0748	300-OVC	20			060	75	36	25	07		983		CG
SA	0848	300-OVC	20			059	77	39	24	09		983	1	CG
SA	0948	E300 OVC	20			060	79	38	24	07		983	X03 1007 66	CG
SA	1049	E300 OVC	20			059	82	39	24	09		983		CG
SA	1150	E300 BKN	20			059	83	41	23	13		983		CG
SA	1253	300 SCT	20			050	87	40	20	12		981	807 1008	CG
SA	1349	300 SCT	20			051	89	38	24	20	G30	981		CG
SA	1446	300-BKN	20			048	88	36	23	16	G25	980		CG
SA	1549	300-OVC	20			048	88	36	21	14	G24	979	807 1007 91 RADAT 20152	JK
SA	1648	300-OVC	20			044	87	37	21	17		978		JK
SA	1753	300-OVC	20			048	85	36	21	17		979		JK
SA	1845	300-OVC	20			048	82	37	23	15		979	500 1007	JK
SA	1948	300-OVC	20			051	80	37	21	16		980		JK
SA	2050	300-BKN	20			062	79	39	22	14		983		JK
SA	2148	300-SCT	20			062	77	36	21	05		983	114 1008 91	JK
SA	2247	CLR	20			062	72	36	36	05		983	WND DRCTN SHFTD GRDY	JK
SA	2345	CLR	20			062	72	34	36	07		983	CI SE	JK

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

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