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: MAY

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 ~~(m.p.h.)~~ KTS	FASTEST MILE SPEED ~~(m.p.h.)~~ KTS	DIRECTION	SUNSHINE ~~TOTAL (Min.)~~ Ave. STN Press	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity 0400	1000	1600	2200
1	2	3	4	5	6a	6b	7	8	9	10	11	12		14	15	16	17	18	19	20
1	54	42	48	–	17	0	.04	0	0	8.8	29	NW	26.5	6	10	RW–	69	64	53	95
2	69	37	53	–	12	0	T	0	0	6.6	29	N	26.7	74	3	RW–	95	37	25	61
3	74	41	58	–	7	0	0	0	0	6.2	18	SW	26.7	100	0		69	23	20	39
4	75	43	59	–	6	0	0	0	0	11.9	38	S	26.4	62	5		67	23	11	19
5	68	47	58	–	7	0	0	0	0	14.3	30	S	26.4	96	0		48	33	24	34
6	71	43	57	–	8	0	0	0	0	5.7	19	S	26.6	98	0		64	41	16	24
7	79	44	62	–	3	0	0	0	0	5.6	23	SW	26.6	100	1		47	21	14	29
8	80	50	65	–	0	0	0	0	0	8.5	24	SW	26.4	100	2		36	28	13	20
9	74	49	62	–	3	0	0	0	0	8.9	21	SW	26.4	100	0		28	21	14	32
10	67	47	57	–	8	0	T	0	0	9.0	33	N	26.4	78	2	RW–	32	23	23	32
11	67	39	53	–	12	0	0	0	0	8.0	21	W	26.6	84	2		51	31	19	26
12	69	46	58	–	7	0	0	0	0	7.8	17	NW	26.6	74	9		42	19	16	28
13	74	48	61	–	4	0	0	0	0	6.6	23	NW	26.5	65	7		31	24	20	27
14	74	49	62	–	3	0	0	0	0	8.4	24	E	26.6	84	2		32	19	18	31
15	79	45	62	–	3	0	0	0	0	8.5	31	N	26.5	100	0		33	27	19	32
16	70	50	60	–	5	0	0	0	0	11.9	29	NE	26.6	100	0		39	26	16	31
17	73	48	61	–	4	0	0	0	0	10.3	24	NE	26.7	100	0		45	28	16	27
18	80	51	66	–	0	1	0	0	0	8.0	24	SW	26.6	87	7		23	19	13	24
19	76	57	67	–	0	2	0	0	0	12.7	30	N	26.6	96	2		37	23	12	19
20	82	55	69	–	0	4	0	0	0	8.3	21	N	26.7	93	5		27	22	16	27
21	87	55	71	–	0	6	0	0	0	7.5	24	S	26.6	100	0		38	22	11	20
22	92	59	76	–	0	11	0	0	0	6.5	18	NE	26.5	100	0		18	10	7	17
23	96	60	78	–	0	13	0	0	0	7.2	18	W	26.5	100	0		25	10	9	15
24	97	60	79	–	0	14	0	0	0	5.6	14	NW	26.5	88	1		27	10	8	17
25	99	61	80	–	0	15	0	0	0	4.6	14	SW	26.5	72	3		18	11	8	12
26	98	65	82	–	0	17	0	0	0	6.0	24	SW	26.5	60	8		20	9	10	17
27	100	67	84	–	0	19	0	0	0	6.0	23	SE	26.5	76	2		26	18	13	17
28	102	71	87	–	0	22	0	0	0	7.6	17	NW	26.6	59	7		25	17	9	17
29	99	74	87	–	0	22	0	0	0	10.0	37	SW	26.5	61	5		20	11	5	10
30	97	63	80	–	0	15	0	0	0	6.1	30	SW	26.3	100	0		20	18	12	17
31	89	65	77	–	0	12	0	0	0	12.0	31	S	26.2	90	5		32	18	14	24
SUM	2511	1631	—	—	119	183	.04	0	—	255.1	—	—	822.2	—	88	—	1184	706	484	887
AVG	81.0	52.6	—	—	—	—	—	—	—	8.2	FASTEST	DIRECTION	~~POS-SIBLE~~ %			—	38	23	16	29
									MISC. →		38	S	26.5	84	2.8	—				

TEMPERATURE DATA

AVERAGE MONTHLY 66.8

DEPARTURE FROM NORMAL –

HIGHEST 102 ON 28

LOWEST 37 ON 2

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 9

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 119

DEPARTURE FROM NORMAL –

SEASONAL TOTAL 3416

DEPARTURE FROM NORMAL –

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 183

DEPARTURE FROM NORMAL –

SEASONAL TOTAL 183

DEPARTURE FROM NORMAL –

PRECIPITATION DATA

TOTAL FOR THE MONTH .04 IN.

DEPARTURE FROM NORMAL – IN.

GREATEST IN 24 HRS. .04 ON 1

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) 7

CLOUDY (Scale 8–10) 3

WITH 0.01 INCH OR MORE PRECIP. 1

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

RW = Rain Shower

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 26.77 IN. ON 3

LOWEST ~~SEA-LEVEL~~ 26.10 IN. ON 31

WS FORM F-6 SUPERSEDES WS FORM F-8 (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: 1 MAY 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 49	26.480	46.1	40.2	61	0															0	5	.000			00-01
01 47	26.480	44.8	40.0	67	0															0					01-02
02 45	26.480	44.3	39.5	67	2															2					02-03
03 49	26.490	43.2	38.8	69	7	3	Sc	60	4	Cs	E300	7								5	3	.010			03-04
04 48	26.490	43.2	39.1	71	10															8					04-05
05 50	26.500	43.9	40.0	72	10															8					05-06
06 52	26.510	46.6	41.0	63	10	3	Sc	60	3	Sc	E80	6	4	Cs	300	10				10	3	.020			06-07
07 50	26.530	47.3	41.9	65	10															10					07-08
08 49	26.540	47.8	42.6	66	10															10					08-09
09 51	26.550	48.5	42.9	64	10	5	Cu	35	2	Sc	E60	7	3	Cs	300	10				9	2	.040			09-10
10 50	26.540	50.1	42.8	56	10															9					10-11
11 51	26.530	53.2	45.0	53	8															8					11-12
12 54	26.550	46.5	43.2	78	10	8	Cu	E35	2	Cs	300	10								10	5	.000			12-13
13 47	26.540	46.7	43.7	80	10															10					13-14
14 51	26.530	52.3	43.5	49	10															9					14-15
15 50	26.520	51.7	43.7	53	10	3	Cu	35	4	Ac	E120	7	3	Ci	300	10				9	7	.030			15-16
16 50	26.540	51.5	43.5	53	10															10					16-17
17 46	26.550	50.2	42.7	55	10															9					17-18
18 48	26.570	49.7	44.0	65	10	8	Sc	M28	2	Ci	300	10								10	2	.050			18-19
19 48	26.580	47.2	44.1	79	10															9					19-20
20 49	26.600	46.2	44.6	89	4															4					20-21
21 50	26.610	44.5	43.8	95	3	2	Sc	28	1	Ci	300	3								3	2	.040			21-22
22 47	26.615	43.7	43.0	95	3															3					22-23
23 45	26.620	42.3	41.8	96	2															2					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 0344	X	0	0	X	48	43	X	X						X		
	0344	1	0	0	0	51	43		0								
	0945	2	T	0	0	50	43		0								
	1546	3	.04	0	0	54	46		1								
	2146	4	T	0	0	52	45		1								
	MID.	X	0	0	0	45	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.550	26.520	26.610
BAROGRAPH 64	26.475	26.540	26.520	26.585
BAR. CORR. 65	+.015	+.010	0	+.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
54	42	.04	0	0	29	NW	1247					10	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0645	0720			
RW-	1240	1330			
RW-	1842	1903			

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: 0147P ±4 Sec./ 1854P ±4 Sec./ ± Sec.

0147 - 0147

SP/1
RS/1

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: 1 MAY 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 (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 (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0049	CLR	20			104	46	33	21	10	G19	988	500	HS
SA	0741	CLR	20			104	45	35	22	15		988	FEW S C	HS
SA	0245	60 SCT	20			104	44	34	25	10		988		HS
SA	0349	60 SCT E300 BKN	20			108	43	34	31	07		988	303 1506 43 RADAT 59073	CRD
SA	0448	60 SCT E300 OVC	20			108	43	34	25	12		988		CRD
SA	0550	60 SCT E300 OVC	20			111	44	36	23	07		990		CRD
SA	0652	60 SCT E80 BKN 300 OVC	20		RW-	115	47	35	24	14		991	RB45/30700 1507	CRD
SA	0750	E60 BKN 80 BKN 300 OVC	20			123	47	36	24	13		993	RE20 RWU W	CRD
SA	0849	35 SCT E60 BKN 300 OVC	20			128	48	37	22	15		994	RWU ALQDS	CRD
SA	0951	35 SCT E60 BKN 3000 VC	20			133	49	37	24	16		995	RWU ALQDS/21400 1207 43	CRD
SA	1050	E35 BKN 3000 VC	20			128	50	35	23	13		994	SWU SE	CRD
SA	1151	E35 BKN 300 BKN	20			124	53	37	24	13		993	TCU N	CRD
SA	1254	E35 BKN 300 OVC	20		RW-	136	47	40	32	17	G29	995	TCU ALQDS RDP/50000 1207	CRD
SA	1347	E35 BKN 120 OVC	20			134	47	41	04	06		994	TCU ALQDS RE30	CRD
SA	1451	35 SCT 120 SCT E300 OVC	20			127	52	34	30	05		993		CRD
SA	1550	35 SCT E120 BKN 300 OVC	20			124	52	35	29	09		992	RWU SE / 71004 1171 54 RADAT 59074	HS
—	—													—
SA	1650	35 SCT E120 BKN 300 OVC	20			130	52	35	34	08		994		HS
SA	1746	M30 BKN 300 OVC	20			135	50	35	22	04		995		HS
RS	1848	M28 BKN 300 OVC	20		RW-	142	50	38	06	06		997	RB42 / 21700 1401	HS
SA	1948	M27 BKN 300 OVC	20			146	47	41	36	05		998	RE03	HS
SP	2035	28 SCT 300 SCT	20						34	04		001		HS
SA	2049	28 SCT 300 SCT	20			154	46	43	28	04		001		HS
SA	2150	28 SCT 300 SCT	20			159	45	43	03	02		002	21400 1401 54	HS
SA	2247	30 SCT 300 SCT	20			159	44	42	15	02		003		HS
SA	2345	30 SCT 300 SCT	20			161	42	41	04	05		003		HS

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. GPO: 1982-564-508/1103

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAY 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	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 51	26.620	41.4	41.2	99	H	0	SC	30	4	CI	300	H								2	1	.010			00-01
01 47	26.625	40.0	39.9	99	2															0					01-02
02 50	26.640	40.0	39.5	96	0															0					02-03
03 48	26.650	38.5	37.9	95	2	0	SC	40	2	CS	300	2								2	2	.030			03-04
04 49	26.670	37.2	37.0	99	3															2					04-05
05 50	26.690	40.2	39.8	97	0															0					05-06
06 51	26.695	45.4	42.4	79	0	0	SC	60												0	2	.045			06-07
07 50	26.710	51.3	45.0	62	0															0					07-08
08 47	26.715	55.0	45.6	49	0															0					08-09
09 50	26.725	60.2	47.2	37	0	0	CU	60												0	2	.030			09-10
10 49	26.725	62.4	48.0	34	1															1					10-11
11 48	26.710	64.2	47.8	28	2															2					11-12
12 50	26.695	66.5	48.6	25	3	3	CB	80												3	8	.030			12-13
13 48	26.680	68.3	50.0	26	3															3					13-14
14 51	26.670	68.2	49.0	23	5															5					14-15
15 50	26.680	66.0	48.2	25	5	5	TCU	80												5	5	.015			15-16
16 53	26.700	63.7	47.0	26	8															8					16-17
17 53	26.710	59.3	45.0	31	8															8					17-18
18 48	26.740	58.7	46.2	38	2	2	SC	75												2	3	.060			18-19
19 48	26.745	56.5	46.1	45	0															0					19-20
20 48	26.750	56.0	46.0	47	0															0					20-21
21 50	26.760	51.4	44.8	61	0															0	2	.020			21-22
22 47	26.760	48.7	43.3	66	0															0					22-23
23 49	26.765	48.3	43.3	68	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	42	38	X	X						X		
	0345	1	0	0	0	45	38		1								
	0946	2	0	0	0	62	37		0								
	1545	3	0	0	0	69	60		0								
	2146	4	T	0	0	66	51		0								
	MID.	X	0	0	0	51	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1530	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.725	26.680	26.760
BAROGRAPH 64	26.630	26.715	26.680	26.745
BAR. CORR. 65	+.020	+.010	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
69	37	T	0	0	29	N	1650					3	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1628	1636			

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: 0756P ±4 Sec. / 1950P ±4 Sec. / ± Sec.

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, NY

DATE: 1983 MAY 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIES INITIALS (14)
SA	0051	300-SCT	20			166	41	41	15	04		003	103 1401	
SA	0147	300-SCT	20			168	40	40	05	05		004		
SA	0250	CLR	20			172	40	39	10	03		005		
SA	0348	300 SCT	20			177	39	37	07	03		006	210 1505 38 20004 RADAT	CRD
/													69079	/
SA	0449	300 SCT	20			185	37	37	05	07		008	FEW SC	CRD
SA	0550	CLR	20			193	40	39	27	06		011		CRD
SA	0651	CLR	20			192	45	39	36	03		012	SC SE/215 1500	CRD
SA	0750	CLR	20			194	51	39	32	03		013	CU SE	CRD
SA	0847	CLR	20			195	55	36	30	05		014	FEW CU CI	CRD
SA	0950	CLR	20			198	60	34	29	06		015	CU ALQDS/210 1100 37	CRD
SA	1049	80 SCT	20			196	62	34	06	09		015	TCU N	CRD
SA	1148	80 SCT	20			190	64	31	25	05		013	TCU N	CRD
SA	1250	80 SCT	20			185	67	30	35	07		012	CB N/810 1300	CRD
SA	1349	80 SCT	20			179	68	32	26	12		010	CB N RWU N	CRD
SA	1451	80 SCT	20			174	68	29	26	10		008	CB NW-NE	CRD
SA	1550	80 SCT	20			180	66	29	28	13		010	TCU RWU NW-NE/505	
—	—												1200 69 RADAT 65095	—
SA	1653	E80 BKN	20			190	64	29	01	13	G29	012	RB28E36 RWU NW-NE	
SA	1753	E80 BKN	20			194	59	29	02	13		013	VIRGA ALQDS	
SA	1848	75 SCT	20			203	59	33	06	03		016	VIRGA NW/32000 1400	
SA	1948	CLR	20			203	57	36	10	11		017		
SA	2048	CLR	20			202	56	36	09	10		017		
SA	2150	CLR	20			206	51	38	25	02		018	20700 69	
SA	2247	CLR	20			206	49	38	12	03		018		
SA	2349	CLR	20			208	48	38	03	03		019		

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

FM12-VII: Iiiii $i_R i_X h$VV 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. GPO: 1983-664-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAY 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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	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	26.755	46.3	42.0	71	0															0	8	.005				00-01
01 48	26.755	43.6	40.6	79	0															0						01-02
02 49	26.760	42.3	39.9	82	0															0						02-03
03 48	26.760	44.3	39.8	69	0															0	1	.005				03-04
04 51	26.765	41.3	39.0	82	0															0						04-05
05 49	26.770	46.4	41.8	69	0															0						05-06
06 50	26.770	51.6	44.2	56	0															0	1	.010				06-07
07 47	26.770	59.3	48.3	45	0															0						07-08
08 48	26.765	62.8	48.0	32	0															0						08-09
09 51	26.760	65.7	47.5	23	0	0	cu	80												0	8	.010				09-10
10 49	26.745	68.4	46.8	15	0															0						10-11
11 48	26.710	70.8	49.5	19	0															0						11-12
12 50	26.690	71.0	49.0	17	0	0	cu	80												0	7	.070				12-13
13 50	26.680	72.6	48.7	13	0															0						13-14
14 51	26.650	73.1	49.0	13	0															0						14-15
15 48	26.640	70.6	49.7	20	0	0	sc	80												0	6	.050				15-16
16 49	26.620	70.1	49.4	21	0															0						16-17
17 50	26.610	68.7	48.7	20	0															0						17-18
18 51	26.615	53.3	45.0	20	0															0	5	.025				18-19
19 53	26.620	58.0	46.0	40	0															0						19-20
20 46	26.630	56.3	45.3	42	0															0						20-21
21 51	26.620	57.0	45.0	39	0															0	0	.005				21-22
22 48	26.610	52.0	42.3	44	0															0						22-23
23 45	26.610	50.1	42.3	53	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	48	42	X	X						X		
	0345	1	0	0	0	51	42		0								
	0947	2	0	0	0	67	41		0								
	1544	3	0	0	0	74	66		0								
	2147	4	0	0	0	71	56		0								
	MID.	X	0	0	0	57	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0949	1548	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.760	26.640	26.620
BAROGRAPH 64	26.750	26.760	26.620	26.600
BAR. CORR. 65	+.010	0*	+.020	+.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	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
74	41	0	0	0	18	SW	1251					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: 0800P + ⊕ Sec. / 2050P ⊖5 Sec. / ± Sec.

* BAROGRAPH CHART CHANGED "0" cor.

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: 1983 MAY 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)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			204	46	38	08	04		018	802	~~LS~~
SA	0148	CLR	20			205	44	38	32	06		018		~~LS~~
SA	0249	CLR	20			206	42	37	02	05		018		~~LS~~
SA	0348	CLR	20			208	44	35	08	03		018	102 42 RADAT 47073	CRD
SA	0451	CLR	20			212	41	36	11	03		019		CRD
SA	0549	CLR	20			214	46	37	33	06		019		CRD
SA	0650	CLR	20			212	52	37	15	03		019	103	CRD
SA	0747	CLR	20			209	59	38	08	02		019		CRD
SA	0848	CLR	20			204	63	33	36	06		019		CRD
SA	0951	CLR	20			203	66	27	01	03		018	FEW CU / 803 1100 41	CRD
SA	1049	CLR	20			198	68	19	36	05		017	FEW CU	CRD
SA	1148	CLR	20			183	71	26	18	11		013	FEW CU	CRD
SA	1250	CLR	20			177	71	24	22	12		011	FEW CU / 724 1100	CRD
SA	1350	CLR	20			174	73	19	20	09		010	FEW CU	CRD
SA	1451	CLR	20			164	73	19	22	08		006	FEW CU	CRD
SA	1548	CLR	20			159	71	27	24	11		005	617 1400 74 RADAT 42102	~~LS~~
SA	1649	CLR	20			153	70	28	28	09		003		~~LS~~
SA	1750	CLR	20			148	69	27	27	09		002		~~LS~~
SA	1851	CLR	20			150	63	22	32	06		003	508	~~LS~~
SA	1953	CLR	20			149	58	34	04	04		003		~~LS~~
SA	2046	CLR	20			153	56	34	09	04		004		~~LS~~
SA	2151	CLR	20			148	57	32	09	05		003	002 74	~~LS~~
SA	2248	CLR	20			144	52	31	12	07		002		~~LS~~
SA	2345	CLR	20			144	50	34	02	03		002		~~LS~~

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ [illegible]

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 MAY 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 50	26.580	48.1	40.9	54	0															0	8	.040			00-01
01 48	26.565	48.1	40.1	50	0															0					01-02
02 50	26.550	45.7	39.9	61	0															0					02-03
03 48	26.540	45.0	39.0	59	0															0	7	.040			03-04
04 48	26.530	42.6	38.0	67	1															1					04-05
05 48	26.540	48.6	41.1	53	4															3					05-06
06 49	26.540	52.9	43.0	44	8	0	Ac	140	8	Cs	250	8								4	5	.000			06-07
07 49	26.530	59.1	46.7	39	10															6					07-08
08 49	26.510	66.6	49.1	27	10															7					08-09
09 51	26.490	71.0	51.0	23	10	1	Ac	140	10	Cs	250	10								7	8	.050			09-10
10 50	26.460	71.8	51.5	23	10															8					10-11
11 48	26.450	71.0	50.6	22	10															9					11-12
12 51	26.420	72.1	51.7	23	8	0	Cu	50	0	Ac	140	0	8	Cs	5250	8				7	7	.070			12-13
13 49	26.400	73.3	50.1	16	1															1					13-14
14 55	26.380	72.7	49.5	15	0															0					14-15
15 50	26.350	71.3	47.2	11	0	0	TCU	50												0	8	.070			15-16
16 50	26.340	67.6	45.0	11	0															0					16-17
17 47	26.340	64.4	44.0	14	0															0					17-18
18 51	26.360	61.0	43.0	18	1	0	Ac	160	1	Ci	230	1								1	3	.010			18-19
19 46	26.370	58.8	41.8	19	0															0					19-20
20 45	26.400	56.6	40.8	21	0															0					20-21
21 50	26.390	55.7	39.8	19	0															0	0	.030			21-22
22 51	26.385	50.0	37.2	26	0															0					22-23
23 45	26.370	52.0	37.8	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 0344		0	0		50	45										
	0344	1	0	0	0	57	45		0								
	0947	2	0	0	0	71	43		0								
	1545	3	0	0	0	75	71		0								
	2146	4	0	0	0	71	56		0								
	MID.		0	0	0	56	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0951	1530	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.490	26.350	26.390
BAROGRAPH 64	26.530	26.480	26.340	26.360
BAR. CORR. 65	+.010	+.010	+.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 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
75	43	0	0	0	38	S	1512					5	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: 0703P ±5 Sec./ 1850P ±5 Sec./ ± Sec.

SP/C
GS/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 MAY 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS
SA	0050	CLR	20			133	48	33	36	04		998	814	LG
SA	0148	CLR	20			126	48	30	09	06		997		LG
SA	0250	CLR	20			121	46	33	01	05		995		LG
SA	0348	CLR	20			120	45	32	12	05		994	714 45 RADAT 40101	CG
SA	0448	250 SCT	20			118	43	32	23	05		993		CG
SA	0548	250 SCT	20			119	49	32	03	05		994		CG
SA	0649	250-BKN	20			120	53	32	31	02		994	500 1078	CG
SA	0749	E250 OVC	20			115	59	34	27	03		993		CG
SA	0849	E250 OVC	20			105	67	31	12	05		991		CG
SA	0951	140 SCT E250 OVC	20			094	71	31	17	17		988	817 1077 43	CG
SA	1060	140 SCT E250 OVC	20			085	72	32	17	18	G29	985		CG
SA	1148	140 SCT E250 OVC	20			083	71	30	22	19	G29	984		CG
SA	1251	E250 BKN	20			072	72	32	21	17	G28	981	724 1178	CG
SA	1349	250 SCT	20			064	73	24	21	20	G35	979		CG
SA	1455	CLR	20			058	73	23	19	22	G35	976		CG
SA	1550	CLR	20			048	71	14	22	23	G30	973	PK WND 1938/12 / 824	LG
—	—												1200 75 RADAT 30101	—
SA	1650	CLR	20			047	68	11	22	19	G28	972		LG
SA	1747	CLR	20			046	64	14	23	18	G28	972		LG
SA	1851	230 SCT	20			053	61	17	22	18	G26	974	303 1071	LG
SA	1946	CLR	20			054	59	17	23	15	G20	975	FEW AC CI	LG
SA	2045	CLR	20			063	57	17	23	15	G23	979		LG
SA	2150	CLR	20			056	56	14	20	12		978	010 75	LG
SA	2251	CLR	20			058	50	16	24	05		977		LG
SA	2345	CLR	20			059	52	14	26	07		976		LG

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. GPO: 1982-364-909/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAY 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 50	26.380	52.3	38.9	26	0															0	8	.010			00-01
01 48	26.380	48.8	38.3	36	0															0					01-02
02 50	26.400	47.8	38.3	41	0															0					02-03
03 50	26.400	47.1	39.0	48	2	2	Cs	250												2	1	.020			03-04
04 48	26.410	47.0	39.0	49	1															1					04-05
05 54	26.440	47.8	40.1	52	1															1					05-06
06 53	26.440	51.1	41.8	46	0															0	1	.040			06-07
07 51	26.450	53.8	42.6	39	0															0					07-08
08 51	26.460	55.7	44.0	38	0															0					08-09
09 56	26.460	58.9	45.1	33	0	0	Cs	250												0	1	.020			09-10
10 52	26.450	60.9	45.3	27	0															0					10-11
11 51	26.420	62.8	45.7	24	0															0					11-12
12 50	26.410	64.1	46.5	23	0	0	Cu	50												0	8	.050			12-13
13 51	26.400	66.1	47.0	20	0															0					13-14
14 49	26.380	66.0	47.4	22	1															1					14-15
15 49	26.365	65.1	47.3	24	1	1	Cu	60	0	Ac	120	1								1	8	.045			15-16
16 47	26.365	63.6	45.9	22	0															0					16-17
17 46	26.350	61.6	44.0	20	0															0					17-18
18 47	26.375	57.2	42.7	27	0	0	Cu	60												0	3	.010			18-19
19 48	26.385	55.0	42.1	32	1															1					19-20
20 50	26.410	53.5	41.6	35	0															0					20-21
21 49	26.430	53.6	41.5	34	7	7	Ac	90												6	3	.055			21-22
22 49	26.445	50.4	40.1	40	0															0					22-23
23 51	26.460	49.0	39.8	44	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 0245	X	0	0	X	52	47	X	X						X		
	0345	1	0	0	0	56	47		0								
	0851	2	0	0	0	59	47		0								
	1542	3	0	0	0	68	59		0								
	2143	4	0	0	0	65	54		0								
	MID.	X	0	0	0	54	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0956	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.460	26.365	26.430
BAROGRAPH 64	26.370	26.460	26.385	26.430
BAR. CORR. 65	+.030	*0	-.020	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
68	47	0	0	0	30	S	1315					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: 0810P ±5 Sec. / 1857P ±4 Sec. / ± Sec.

* BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

1449/1449

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: 1983 MAY 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)	OBSERVER'S INITIALS (14)
SA	0050	CLR	20			055	52	18	25	11		976	803	~~KG~~
SA	0148	CLR	20			056	49	23	26	12		976		~~KG~~
SA	0250	CLR	20			064	48	25	21	06		979		~~KG~~
SA	0350	250 SCT	20			066	47	29	11	03		979	107 1008 47 RADAT 20096	CG
SA	0448	250 SCT	20			072	47	29	25	14		980		CG
SA	0554	250 SCT	20			085	48	31	27	09		983		CG
SA	0653	CLR	20			084	51	31	24	17		983	114	CG
SA	0751	CLR	20			088	54	29	24	20		984		CG
SA	0851	CLR	20			092	56	31	24	18		985		CG
SA	0956	CLR	20			091	59	30	22	19		985	107 1008 47	CG
SA	1052	CLR	20			088	61	27	23	16	G25	984		CG
SA	1151	CLR	20			075	63	25	22	19	G28	981		CG
SA	1250	CLR	20			071	64	26	22	18		980	817 1100	CG
SA	1351	CLR	20			068	66	24	20	18		979		CG
SA	1449	50 ~~CLR~~ SCT	20			061	66	26	22	20		976		CG
SA	1549	60 SCT 120 SCT	20			056	65	27	20	19	G26	975	815 1150 68 RADAT	MR
/													46090	/
SA	1647	CLR	20			056	64	25	18	19	G29	975	Cu W-N	MR
SA	1746	CLR	20			052	62	21	20	17	G23	973	Cu W-N	MR
SA	1847	CLR	20			062	57	24	20	17	G24	976	Tcu NW 303 1200	MR
SA	1948	90 SCT	20			065	55	26	22	16		977		MR
SA	2050	CLR	20			074	54	27	20	10		980	Ac W-NW	MR
SA	2149	E 90 BKN	20			080	54	26	24	08		982	319 1050 68	MR
SA	2249	CLR	20			086	50	27	29	08		983	FEW Ac	MR
SA	2351	CLR	20			092	49	28	30	10		985		MR

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

FM12-VII: Iliii $i_R i_X h VV$ 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. GPO: 1982-564-038/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 6 MAY 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 49	26.460	45.9	38.3	50	0															0	1	.030			00-01
01 47	26.480	44.9	38.1	54	0															0					01-02
02 50	26.490	44.0	38.0	58	0															0					02-03
03 52	26.520	43.4	38.3	64	0															0	2	.060			03-04
04 48	26.540	42.8	38.0	66	0															0					04-05
05 48	26.580	44.2	39.6	68	0															0					05-06
06 49	26.610	48.6	42.1	59	0															0	2	.090			06-07
07 50	26.630	52.0	43.0	48	0															0					07-08
08 49	26.640	54.5	45.0	48	0															0					08-09
09 51	26.650	57.3	45.8	41	0	0	Cu	50												0	1	.040			09-10
10 56	26.650	62.4	46.3	27	0															0					10-11
11 52	26.640	64.5	47.0	24	1															1					11-12
12 52	26.630	64.9	48.5	29	1	1	Cu	50												1	8	.020			12-13
13 53	26.620	66.6	49.0	26	0															0					13-14
14 48	26.610	69.5	49.0	20	0															0					14-15
15 47	26.615	68.3	47.0	16	0															0	5	.015			15-16
16 49	26.620	68.0	47.0	16	0															0					16-17
17 47	26.630	67.0	46.5	17	0															0					17-18
18 49	26.645	62.9	43.9	17	0															0	3	.030			18-19
19 45	26.660	59.8	42.7	20	0															0					19-20
20 48	26.685	55.2	40.8	25	0															0					20-21
21 47	26.685	53.0	39.0	24	0															0	1	.040			21-22
22 48	26.695	52.1	39.1	28	0															0					22-23
23 46	26.690	48.7	37.0	30	0															0					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 0347	X	0	0	X	49	43	X	X						X		
	0347	1	0	0	0	54	43		0								
	0947	2	0	0	0	57	43		0								
	1542	3	0	0	0	71	57		0								
	2143	4	0	0	0	69	53		0								
	MID.	X	0	0	0	53	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0852	0951	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.650	26.645	26.685
BAROGRAPH 64	26.520	26.660	26.635	26.695
BAR. CORR. 65	0	-.010	-.020	-.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
71	43	0	0	0	19	S	1323					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: 0630P ±5 Sec./ 1530P ±4 Sec./ ± Sec.

SP/0
RS/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) 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: 6 MAY 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)	OBSERVERS INITIALS (15)
SA	0049	CLR	20			092	46	28	30	06		985	110	MR
SA	0147	CLR	20			099	45	29	26	04		987		MR
SA	0250	CLR	20			103	44	30	33	05		988		MR
SA	0352	CLR	20			116	43	32	32	10		992	220 43 RADAT 49084	CG
SA	0448	CLR	20			126	43	32	33	09		994		CG
SA	0548	CLR	20			141	44	34	30	07		998		CG
SA	0649	CLR	20			152	49	35	23	05		002	230	CG
SA	0750	CLR	20			159	52	33	18	07		004		CG
SA	0849	CLR	20			163	55	35	21	11		005		CG
SA	0951	CLR	20			165	57	34	13	05		006	114 1100 43	CG
SA	1056	CLR	20			164	62	28	34	05		006		CG
SA	1152	50 SCT	20			160	65	27	29	03		005		CG
SA	1252	50 SCT	20			157	65	32	15	09		004	807 1100	CG
SA	1353	CLR	20			153	67	31	28	06		003		CG
SA	1448	CLR	20			148	70	26	25	04		002		CG
SA	1547	CLR	20			151	68	20	26	04		002	505 71 RADAT 51094	MR
SA	1649	CLR	20			153	68	21	24	04		003		MR
SA	1747	CLR	20			157	67	21	26	05		004		MR
SA	1849	CLR	20			163	63	17	35	03		006	310	MR
SA	1945	CLR	20			169	60	19	12	02		007		MR
SA	2048	CLR	20			179	55	20	36	07		010		MR
SA	2147	CLR	20			179	53	17	05	07		010	114 71	MR
SA	2248	CLR	20			180	52	20	09	05		011		MR
SA	2346	CLR	20			179	49	19	33	04		011		MR

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: 7 MAY 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 48	26.690	45.9	35.1	31	0															0	0	.005			00-01
01 49	26.695	46.3	35.2	30	0															0					01-02
02 50	26.690	44.7	35.0	36	0															0					02-03
03 47	26.700	44.0	36.2	47	0															0	3	.010			03-04
04 49	26.700	45.2	36.8	44	0															0					04-05
05 48	26.710	46.9	37.5	40	0															0					05-06
06 48	26.730	54.0	40.0	25	0															0	3	.030			06-07
07 51	26.730	60.1	43.0	20	0															0					07-08
08 52	26.720	65.2	46.8	22	0															0					08-09
09 50	26.710	67.8	48.3	21	0	0	Cl	250												0	8	.020			09-10
10 49	26.700	70.3	48.0	15	0															0					10-11
11 49	26.670	72.1	50.0	18	0															0					11-12
12 50	26.640	76.8	51.1	13	0	0	Cl	250												0	8	.070			12-13
13 49	26.620	77.5	52.0	14	1															0					13-14
14 48	26.600	77.9	52.0	14	1															0					14-15
15 49	26.585	77.5	51.9	14	4	4	Cl	250												0	7	.055			15-16
16 49	26.580	75.7	51.1	15	4															0					16-17
17 51	26.580	74.0	50.9	17	7															0					17-18
18 48	26.585	69.6	48.9	19	6	6	Cl	250												0	5	.000			18-19
19 50	26.585	65.2	47.1	23	2															0					19-20
20 51	26.590	65.0	46.8	22	0															0					20-21
21 49	26.585	58.7	44.1	29	0															0	0	.006			21-22
22 52	26.570	56.3	43.1	32	0															0					22-23
23 47	26.565	58.2	44.0	30	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 0843	X	0	0	X	49	44	X	X						X		
	0843	1	0	0	0	53	44		0								
	0946	2	0	0	0	68	44		0								
	1544	3	0	0	0	79	68		0								
	2143	4	0	0	0	78	59		0								
	MID.	X	0	0	0	59	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0847	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.710	26.585	26.585
BAROGRAPH 64	26.710	26.730	26.605	26.575
BAR. CORR. 65	-.010	-.020	-.020	-.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
79	44	0	0	0	23	SW	1542					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: 0910P ±5 Sec. 1554P ±4 Sec. ± Sec.

1049/1049 1349/1349 1848/1951/APP 500

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

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 7 MAY 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 INITIALS (15)
SA	0046	CLR	20			180	46	17	03	02		011	002	MR
SA	0149	CLR	20			181	46	16	04	04		011		MR
SA	0250	CLR	20			179	45	19	35	04		011		MR
SA	0347	CLR	20			184	44	25	11	04		012	303 44 RAOAT 28110	CG
SA	0449	CLR	20			183	45	25	05	02		012		CG
SA	0548	CLR	20			186	47	24	01	03		013		CG
SA	0648	CLR	20			192	54	19	02	05		015	310	CG
SA	0751	CLR	20			191	60	19	35	04		015		CG
SA	0852	CLR	20			187	65	25	12	07		014		CG
SA	0950	CLR	20			182	68	26	14	08		013	807 1001 44	CG
SA	~~0104~~	CLR	20			178	70	21	27	05		012		CG
SA	1149	CLR	20			167	72	26	36	03		008		CG
SA	1250	CLR	20			155	77	22	29	03		005	824 1001	CG
SA	1349	250 ~~CLR~~ -SCT	20			146	78	25	24	12		003		CG
SA	1448	250 -SCT	20			140	78	24	23	08		001		CG
SA	1549	250 - SCT	20			134	78	24	22	14	G23	999	719 1001 79 RADAT 38124	MR
SA	1649	250 - SCT	20			133	76	24	20	12		998		MR
SA	1751	250 - BKN	20			132	74	26	20	12		998		MR
SA	1848	250 - BKN	20			133	70	26	20	08		999	50E 1001	MR
SA	1950	250 - SCT	20			132	65	26	24	02		999		MR
SA	2051	CLR	20			132	65	26	11	04		999		MR
SA	2149	CLR	20			131	59	27	03	03		999	000 79	MR
SA	2252	CLR	20			125	56	27	08	02		997		MR
SA	2347	CLR	20			122	58	27	08	04		997		MR

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.

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 8 MAY 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	26.555	55.3	42.7	34	0															0	7	-.030			00-01
01 49	26.535	52.6	41.7	39	0															0					01-02
02 50	26.510	60.3	45.0	28	0															0					02-03
03 49	26.510	55.0	43.0	36	0															0	6	.045			03-04
04 48	26.520	50.8	40.5	40	0															0					04-05
05 49	26.530	53.6	42.2	37	0															0					05-06
06 50	26.540	59.9	46.3	34	0															0	3	.030			06-07
07 47	26.530	65.5	49.0	29	0															0					07-08
08 46	26.530	68.2	50.3	27	0															0					08-09
09 48	26.530	70.0	52.0	28	0															0	6	.010			09-10
10 48	26.500	72.8	52.8	25	1															0					10-11
11 49	26.480	77.0	53.0	18	1															0					11-12
12 50	26.450	76.8	51.6	14	1	1	CI	250												0	7	.080			12-13
13 48	26.430	77.0	52.6	13	5															0					13-14
14 50	26.420	78.2	52.0	13	5															0					14-15
15 50	26.390	76.7	51.0	13	4	4	CI	250												0	8	.060			15-16
16 50	26.370	76.1	50.9	13	3															0					16-17
17 50	26.350	73.9	50.3	15	2															0					17-18
18 50	26.350	71.3	49.9	19	2	2	CI	250												0	6	.040			18-19
19 50	26.350	69.7	48.4	17	2															0					19-20
20 50	26.350	67.6	47.0	17	2															0					20-21
21 50	26.350	63.6	45.2	20	0															0	4	.000			21-22
22 50	26.360	63.7	45.9	22	0															0					22-23
23 50	26.360	61.6	44.6	23	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	60	52	X	X						X		
	0344	1	0	0	0	60	52		0								
	0945	2	0	0	0	71	50		0								
	1546	3	0	0	0	80	70		0								
	2146	4	0	0	0	77	64		0								
	MID.	X	0	0	0	64	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.530	26.390	26.350
BAROGRAPH 64	26.520	26.540	26.345	26.360
BAR. CORR. 65	-.010	-.010	+.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 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
80	50	0	0	0	24	SW	1545					2	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: 0710P 04 Sec./ 2247P 04 Sec./ ± Sec.

SP = 0
R/S = 0

MF 1-10A
(1-82)

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

STATION WSMO, DESERT ROCK, NV

DATE 8 MAY 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)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			118	55	27	02	04		996	710	MR
SA	0149	CLR	20			111	53	28	06	05		993		MR
SA	0250	CLR	20			097	60	27	11	06		991	AC SE	MR
SA	0349	CLR	20			098	55	29	35	05		991	615 52 RADAT 37119	JK
SA	0448	CLR	20			107	51	27	05	06		992		JK
SA	0549	CLR	20			110	54	28	16	04		993		JK
SA	0650	CLR	20			113	60	32	05	02		994	310	JK
SA	0747	CLR	20			108	66	32	30	03		993		JK
SA	0846	CLR	20			107	68	33	23	07		993		JK
SA	0948	CLR	20			109	70	36	19	09		993	603 50	JK
SA	1048	250 - SCT	20			098	73	35	27	10		990		JK
SA	1149	250 - SCT	20			088	77	30	27	10		987		JK
SA	1250	250 - SCT	20			077	77	24	18	12		984	727 1001	JK
SA	1348	250 - SCT	20			070	79	25	22	10		982		JK
SA	1450	250 - SCT	20			064	78	24	23	18		981		JK
SA	1550	250 - SCT	20			054	77	22	22	14 G	24	978	820 1001 80 RADAT 20134	WRG
SA	1650	250 - SCT	20			049	76	22	19	14 G	22	975		WRG
SA	1750	250 - SCT	20			041	74	24	20	15		973		WRG
SA	1850	250 - SCT	20			040	71	27	20	13		973	614 1001	WRG
SA	1950	250 - SCT	20			038	70	23	22	10		973		WRG
SA	2050	250 - SCT	20			037	68	22	21	13		973		WRG
SA	2150	CLR	20			038	64	22	00	00		973	400 80	WRG
SA	2250	CLR	20			041	64	24	28	08		974		WRG
SA	2350	CLR	20			048	62	24	35	07		976		WRG

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

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7ww$W_1 W_2$ $8N_h C_L C_M C_H$

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: 1983 MAY 9

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	26.390	58.2	46.3	40	0															0	2	.040			00-01
01 50	26.400	53.7	42.8	40	0															0					01-02
02 50	26.410	54.3	39.9	24	0															0					02-03
03 50	26.420	50.8	38.2	28	0															0	3	.030			03-04
04 46	26.430	53.0	39.0	24	0															0					04-05
05 48	26.450	53.2	39.6	26	0															0					05-06
06 51	26.480	55.0	41.0	27	0															0	2	.060			06-07
07 48	26.480	57.2	42.3	26	0															0					07-08
08 50	26.490	59.9	43.7	24	0															0					08-09
09 46	26.490	62.5	45.0	21	0															0	1	.010			09-10
10 47	26.480	64.7	45.4	18	0															0					10-11
11 51	26.450	67.5	46.1	14	0															0					11-12
12 50	26.430	67.0	47.0	18	0															0	8	.060			12-13
13 52	26.420	72.1	48.0	12	0															0					13-14
14 50	26.390	73.1	50.4	17	0															0					14-15
15 50	26.370	72.2	49.9	17	0															0	7	.060			15-16
16 50	26.370	70.7	47.9	14	0															0					16-17
17 50	26.370	67.6	46.3	15	0															0					17-18
18 50	26.370	63.0	45.0	21	0															0	4	.000			18-19
19 50	26.370	57.7	42.4	25	0															0					19-20
20 50	26.345	55.1	41.7	30	0															0					20-21
21 50	26.365	53.0	40.6	32	0															0	8	.005			21-22
22 50	26.370	51.3	39.0	30	0															0					22-23
23 50	26.350	48.6	34.0	36	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	62	50	X	X						X		
	0345	1	0	0	0	64	50		0								
	0944	2	0	0	0	65	49		0								
	1546	3	0	0	0	74	63		0								
	2146	4	0	0	0	72	53		0								
	MID.	X	0	0	0	53	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.490	26.370	26.365
BAROGRAPH 64	26.420	26.500	26.370	26.365
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
74	49	0	0	0	21	SW	1645					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: 0720P 04 Sec. 1 2245 34 Sec. 1 ± Sec.

BAROGRAPH Changed Reset To Zero 0950P

0050 34 0350

1750/1750

S/P = 0

R/S = 0

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: [redacted], DESERT ROCK, NV

DATE: 1983 MAY 9

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. SENSORS INITIALS (15)
SA	0050	CLR	20			053	58	35	31	09		978	214	WRC
SA	0150	CLR	20			058	54	30	34	08		979		WRC
SA	0250	CLR	20			063	54	14	36	07		980		WRC
SA	0350	CLR	20			068	51	19	35	05		981	310 50 RADAT 25118	JK
SA	0446	CLR	20			071	53	17	36	06		982		JK
SA	0548	CLR	20			079	53	19	05	16		984		JK
SA	0651	CLR	20			092	55	22	04	18		988	220	JK
SA	0748	CLR	20			092	57	22	04	19		988		JK
SA	0850	CLR	20			095	60	23	04	19		989		JK
SA	0946	CLR	20			096	63	23	04	15		989	103 49	JK
SA	1047	CLR	20			092	65	20	03	14		988		JK
SA	1151	CLR	20			078	68	17	01	05		984		JK
SA	1250	CLR	20			073	67	23	36	05		982	820	JK
SA	1352	CLR	20			068	72	16	03	05		981		JK
SA	1450	CLR	20			057	73	26	20	04		978		JK
SA	1550	CLR	20			052	72	25	24	11		975	720 74 RADAT 32109	WRC
SA	1650	CLR	20			051	71	19	23	14	G 21	975		WRC
SA	~~1450~~	1750 CLR	20			051	66	18	22	10		975		WRC
SA	1850	CLR	20			054	63	22	23	06		975	400	WRC
SA	1950	CLR	20			056	58	22	04	04		975		WRC
SA	2050	CLR	20			061	55	24	07	03		977		WRC
SA	2150	CLR	20			053	53	24	11	04		975	802 74	WRC
SA	2250	CLR	20			055	51	21	11	04		975		WRC
SA	2350	CLR	20			048	49	23	12	03		973		WRC

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

FM12-VII: Iiiii iRixhVV Nddff 1snTTT 2snTdTdTd 3P0P0P0P0 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH

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: [redacted], DESERT ROCK, [redacted]

DATE: 1983 MAY 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 50	26.350	47.8	37.5	36	0															0	6	.015			00-01
01 50	26.340	50.8	38.8	31	0															0					01-02
02 50	26.340	49.3	37.7	31	0															0					02-03
03 49	26.330	49.4	38.0	32	0															0	8	.020			03-04
04 52	26.330	48.8	38.8	39	0															0					04-05
05 48	26.360	49.0	39.0	39	0															0					05-06
06 50	26.370	M 51.8	41.1	39	0															0	3	.040			06-07
07 49	26.380	53.0	41.8	38	0															0					07-08
08 46	26.380	55.3	42.2	31	0															0					08-09
09 47	26.380	57.8	42.0	23	0	0	Cu	90												0	1	.010			09-10
10 48	26.370	61.0	43.8	21	0															0					10-11
11 49	26.360	62.7	45.3	22	0															0					11-12
12 59	26.350	64.0	47.0	26	0	0	Cu	90												0	7	.030			12-13
13 46	26.350	65.8	47.1	21	4															4					13-14
14 45	26.340	62.7	45.0	21	5															5					14-15
15 50	26.350	58.8	42.9	23	6	6	Sc	E90												6	5	.000			15-16
16 50	26.370	56.3	42.8	31	4															8					16-17
17 50	26.400	52.6	40.1	31	8															8					17-18
18 50	26.430	49.3	40.2	45	10	4	Cu Fra	30	6	Sc	E60	10								10	2	.080			18-19
19 50	26.470	47.7	40.2	53	10															10					19-20
20 50	26.480	48.2	38.5	40	10															10					20-21
21 50	26.480	49.9	38.2	32	7	7	Sc	E50												7	1	.050			21-22
22 50	26.460	47.6	38.0	40	3															3					22-23
23 50	26.500	46.7	35.9	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	51	47	X	X						X		
	0345	1	0	0	0	53	47		0								
	0943	2	0	0	0	58	49		0								
	1546	3	0	0	0	67	58		0								
	2146	4	T	0	0	59	48		0								
	MID.	X	0	0	0	50	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.330	26.380	26.350	26.480
BAROGRAPH 64	26.320	26.380	26.345	26.475
BAR. CORR. 65	+.010	±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 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
67	47	T	0	0	33	N	1823					2	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1840	1930			

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: 0815P ±4 Sec./ 2315P ±4 Sec./ ± Sec.

RIS = 0
SIP = 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: 1983 MAY 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	0050	CLR	20			049	48	22	00	00		973	605	WRC
SA	0150	CLR	20			040	51	21	21	04		972		WRC
SA	0250	CLR	20			041	49	20	19	03		972		WRC
SA	0349	CLR	20			038	49	21	32	06		971	807 47 RADAT 31107	JK
SA	0452	CLR	20			038	49	25	36	07		971		JK
SA	0548	CLR	20			050	49	25	32	10		974		JK
SA	0650	CLR	20			056	52	28	25	09		975	314	JK
SA	0749	CLR	20			062	53	28	25	08		976		JK
SA	0846	CLR	20			063	55	26	27	08		976		JK
SA	0947	CLR	20			062	58	20	36	05		976	103 1100 47	JK
SA	1048	CLR	20			058	61	21	20	08		975	Cu N And S	JK
SA	1149	CLR	20			054	63	24	26	12G29		974	Cu AC NW Thru N	JK
SA	1257	CLR	20			050	64	28	29	12		973	710 1100	JK
SA	1346	90 SCT	20			048	66	25	26	12G23		973		JK
SA	1445	90 SCT	20			045	63	23	28	07		972		JK
SA	1550	E90 BKN	20			051	59	22	02	14G22		973	500 1500 67 RADAT 42090	WRC
SA	1650	E90 BKN	20			061	56	26	36	11G20		975		WRC
SA	1750	E90 BKN	20			075	53	23	36	12G20		979		WRC
SA	1850	30 SCT E60 OVC	20		RW-	086	49	29	02	20G30		982	RB40 22700 1811	WRC
SA	1950	30 SCT E50 OVC	20			101	48	31	36	14		986	RE30	WRC
SA	2050	30 SCT E50 OVC	20			105	48	25	04	14G20		987		WRC
SA	2150	E50 BKN	20			101	50	21	05	07		987	11700 1500 67	WRC
SA	2250	50 SCT	20			101	48	25	05	06		987		WRC
SA	2350	50 SCT	20			109	47	18	01	03		990		WRC

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. 1983-584-008/1103

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAY 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	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	26.510	44.7	35.3	38	0	0	Sc	50												0	3	.030			00-01
01 50	26.530	43.4	34.9	42	0															0					01-02
02 50	26.540	42.3	34.7	46	0															0					02-03
03 48	26.545	39.4	32.9	51	0															0	1	.0035			03-04
04 49	26.555	41.9	35.0	50	0															0					04-05
05 47	26.570	45.0	37.1	47	0															0					05-06
06 49	26.580	46.2	37.8	46	0	0	Sc	40												0	1	.0035			06-07
07 48	26.585	48.7	38.9	40	0															0					07-08
08 47	26.590	51.9	40.4	35	1															1					08-09
09 49	26.590	54.6	41.6	31	2	2	Sc	50												2	1	.0010			09-10
10 47	26.590	57.4	43.5	30	3															3					10-11
11 49	26.580	61.9	45.4	25	4															4					11-12
12 50	26.575	62.8	45.4	23	4	4	Sc	50												4	8	.015			12-13
13 47	26.570	65.9	46.8	20	2															2					13-14
14 50	26.560	65.4	46.4	20	1															1					14-15
15 50	26.560	64.9	45.7	19	2	2	Sc	60												2	6	.015			15-16
16 50	26.565	64.3	44.7	16	3															2					16-17
17 50	26.565	63.2	44.9	20	6															2					17-18
18 50	26.540	58.9	43.1	24	7	0	Sc	60	7	Ci	250	7								3	2	.020			18-19
19 50	26.600	55.4	41.4	27	6															3					19-20
20 50	26.620	56.0	40.9	23	4															4					20-21
21 50	26.630	52.8	39.2	26	3	3	Ci	250												1	2	.050			21-22
22 50	26.630	47.2	36.6	35	3															1					22-23
23 50	26.630	52.6	39.3	27	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 0344	X	0	0	X	47	39	X	X						X		
	0344	1	0	0	0	50	39		0								
	0944	2	0	0	0	55	39		0								
	1546	3	0	0	0	67	55		0								
	2146	4	0	0	0	65	53		0								
	MID.	X	0	0	0	53	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.590	26.560	26.630
BAROGRAPH 64	26.530	26.585	26.560	26.620
BAR. CORR. 65	+.015	+.005	±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 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
67	39	0	0	0	21	W	1545					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: 0455P @ 3 Sec./ 2317 @ 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, NV

DATE: 1983 MAY 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			113	45	20	36	13		991	310 1500	WRG
SA	0150	CLR	20			119	43	22	01	05		993		WRG
SA	0250	CLR	20			126	42	23	03	10		994		WRG
SA	0348	CLR	20			132	39	23	06	04		995	112 39 RADAT 390068	JD
SA	0449	CLR	20			136	42	25	33	05		996		JD
SA	0547	CLR	20			142	45	26	35	06		997		JD
SA	0649	CLR	20			147	46	26	05	09		998	112 1500	JD
SA	0748	CLR	20			149	49	26	02	09		999		JD
SA	0847	50 SCT	20			149	52	25	03	10		999		JD
SA	0949	50 SCT	20			145	55	25	04	06		999	103 1500 39	JD
SA	1047	50 SCT	20			146	57	26	36	04	G13	999		JD
SA	1149	50 SCT	20			140	62	26	27	04	G14	998		JD
SA	1250	50 SCT	20			138	63	24	24	05	G17	998	805 1500	JD
SA	1347	50 SCT	20			135	66	24	30	15		997		JD
SA	1450	55 SCT	20			133	65	23	27	09	G17	996		JD
SA	1550	60 SCT	20			134	65	21	27	12	G21	996	605 1400 67 RADAT 39091	WRG
SA	1650	60 SCT 250 SCT	20			135	64	18	30	10	G18	997		WRG
SA	1750	60 SCT 250-BKN	20			134	63	21	25	11		997		WRG
SA	1850	250-BKN	20			142	59	22	27	06		998	207 1401	WRG
SA	1950	250-BKN	20			151	55	22	35	03		001		WRG
SA	2050	250-BKN	20			156	56	19	03	09		003		WRG
SA	2150	250-SCT	20			159	53	19	01	07		004	217 1001 67	WRG
SA	2250	250-SCT	20			161	47	21	06	06		004		WRG
SA	2350	250-SCT	20			156	53	20	01	10		004		WRG

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

FM12-VII: Iliii $i_R i_X h$VV 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-[illegible]/1133

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAY 12

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	26.640	50.3	38.9	33	2	2	Ci	250												1	3	.010			00-01
01 50	26.640	47.0	37.0	37	2															1					01-02
02 50	26.630	47.9	38.0	39	2															1					02-03
03 49	26.630	46.2	37.2	42	0	0	Ci	250												0	8	.010			03-04
04 48	26.630	45.9	37.0	42	0															0					04-05
05 47	26.630	48.0	38.1	39	5															0					05-06
06 49	26.640	52.9	40.1	30	9	9	Cs	250												0	3	.010			06-07
07 48	26.635	55.8	41.3	26	10															0					07-08
08 49	26.620	58.7	43.1	25	10															1					08-09
09 48	26.610	60.9	43.2	19	10	10	Cs	250												3	8	.030			09-10
10 49	26.600	60.9	43.1	19	10															3					10-11
11 49	26.575	62.3	43.4	16	10															5					11-12
12 49	26.560	65.4	45.3	16	10	10	Cs	250												4	7	.050			12-13
13 48	26.535	67.1	45.9	15	10															4					13-14
14 50	26.520	68.4	47.1	16	10															4					14-15
15 50	26.490	68.2	47.0	16	10	10	Cs	250												3	7	.070			15-16
16 48	26.480	66.7	46.1	16	10															4					16-17
17 48	26.470	65.1	45.3	17	10															6					17-18
18 48	26.470	60.2	43.4	22	10	10	Cs	250												4	6	.020			18-19
19 49	26.480	55.4	41.0	25	6															2					19-20
20 51	26.470	53.4	40.0	28	6															2					20-21
21 50	26.470	53.3	40.0	28	6	6	Cs	250												2	0	.000			21-22
22 45	26.470	52.4	39.6	29	6															2					22-23
23 51	26.460	50.2	38.3	31	6															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 0345	X	0	0	X	53	46	X	X						X		
	0345	1	0	0	0	53	46		0								
	0945	2	0	0	0	62	46		0								
	1545	3	0	0	0	69	61		0								
	2144	4	0	0	0	68	53		0								
	MID.	X	0	0	0	53	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.610	26.490	26.470
BAROGRAPH 64	26.620	26.610	26.495	26.470
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
69	46	0	0	0	17	NW	1051					9	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: 0507P ±4 Sec./ 2239P ±3 Sec./ ± Sec.

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: 1983 MAY 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 (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			159	50	23	07	11		065	303 1001	WRG
SA	0150	250 - SCT	20			159	47	22	03	12		005		WRG
SA	0250	250 - SCT	20			156	48	24	02	14		004		WRG
SA	0349	CLR	20			157	46	24	03	10		004	803 1001 46 RADAT 25086	JD
SA	0448	CLR	20			158	46	24	04	09		004		JD
SA	0547	250 - SCT	20			157	48	24	02	14		004		JD
SA	0649	250 - BKN	20			160	53	22	03	10		005	303 1006	JD
SA	0748	250 - OVC	20			159	56	21	03	07		005		JD
SA	0849	250 - OVC	20			152	59	23	01	10		003		JD
SA	0948	250 - OVC	20			148	61	18	07	07 G16		002	810 1007 46	JD
SA	1049	250 - OVC	20			148	61	18	35	06 G15		001		JD
SA	1149	250 - OVC	20			135	62	16	34	09		998		JD
SA	1249	250 - OVC	20			128	65	18	33	09		996	717 1007	JD
SA	1348	250 - OVC	20			120	67	17	22	05		994		JD
SA	1450	250 - OVC	20			112	68	20	23	06		992		JD
SA	1550	250 - OVC	20			102	68	20	19	08		988	724 1007 69 RADAT 32094	OOB
SA	1648	250 - OVC	20			098	67	19	18	08		987		OOB
SA	1743	E 250 OVC	20			095	65	19	23	09		986		OOB
SA	1848	250 - OVC	20			095	66	21	22	06		986	607 1007	OOB
SA	1949	250 - BKN	20			099	55	21	36	03		987		OOB
SA	2051	250 - BKN	20			096	53	21	09	03		986		OOB
SA	2150	250 - BKN	20			095	53	21	05	04		986	000 1008 69	OOB
SA	2245	250 - BKN	20			095	52	21	05	06		986		OOB
SA	2351	250 - BKN	20			091	50	21	09	01		985		OOB

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. 1982-554-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [redacted]. DESERT ROCK, NV

DATE: 1983 MAY 13

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	26.450	48.2	38.1	38	6	6	CS	250												2	8	.020			00-01
01 51	26.450	55.0	40.8	26	10															8					01-02
02 52	26.460	53.1	40.4	31	5															4					02-03
03 49	26.460	51.5	39.4	31	7	7	Cs	250												2	3	.010			03-04
04 48	26.470	50.9	39.0	32	4															1					04-05
05 48	26.480	53.8	40.7	29	6															2					05-06
06 48	26.490	56.2	41.9	27	6	2	Ac	120	0	Ac	180	2	4	Cs	250	6				2	1	.030			06-07
07 49	26.495	58.8	43.8	27	9															3					07-08
08 48	26.500	61.6	45.1	25	7															2					08-09
09 52	26.500	62.8	45.7	24	4	0	Cu	60	0	Ac	120	0	1	Ac	180	1	3	Ci	250	1	1	.010			09-10
10 48	26.495	65.4	47.3	23	4															1					10-11
11 48	26.475	67.0	47.5	20	8															3					11-12
12 48	26.470	67.4	47.8	20	10	6	Cu	E70	4	Ci	250	10								6	8	.030			12-13
13 48	26.465	67.6	47.9	20	10															8					13-14
14 50	26.460	70.5	49.6	20	10															3					14-15
15 50	26.440	70.0	49.3	20	10	5	CU	100	5	CS	E250	10								7	8	.030			15-16
16 49	26.440	68.7	48.1	18	10															7					16-17
17 47	26.440	68.9	47.9	17	5															3					17-18
18 52	26.450	63.8	45.4	20	2	2	CU	100												2	3	.010			18-19
19 50	26.460	57.1	42.4	26	2															2					19-20
20 49	26.480	58.0	42.3	23	0															0					20-21
21 45	26.480	57.2	42.5	27	0															0	1	.030			21-22
22 52	26.500	55.3	41.2	27	6															2					22-23
23 50	26.510	55.3	41.6	28	6															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 0345	X	0	0	X	56	48	X	X						X		
	0345	1	0	0	0	56	48		0								
	0946	2	0	0	0	63	51		0								
	1542	3	0	0	0	74	63		0								
	2140	4	0	0	0	70	57		0								
	MID.	X	0	0	0	57	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0951	1549	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.500	26.440	26.480
BAROGRAPH 64	26.450	26.490	26.450	26.480
BAR. CORR. 65	+.010	+.010*	-.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 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
74	48	0	0	0	23	NW	1254					7	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: 0451P ±4 Sec./ 2330P ±4 Sec./ ± Sec.

* Barograph Changed 0952P 0 Corr.

R5-0
5P-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, N.

DATE: 1983 MAY 13

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	0052	250 - BKN	20			087	48	24	14	02		984	807 1008	008
SA	0151	E250 OVC	20			083	55	21	04	08 G 15		984		008
SA	0252	250 SCT	20			086	53	23	08	02		985		008
SA	0349	250 - BKN	20			088	52	22	04	09		985	303 1008 48 RADAT 37093	JD
SA	0448	180 SCT 250 - SCT	20			092	51	22	05	10		986		JD
SA	0548	120 SCT 180 SCT 250 - BKN	20			095	54	23	05	10		987		JD
SA	0648	120 SCT 180 SCT 250 - BKN	20			101	56	23	04	14		988	VIRGA W-NW 110 1078	JD
SA	0749	120 SCT 180 SCT 250 - BKN	20			105	59	25	03	10		989	VIRGA N	JD
SA	0848	120 SCT 180 SCT 250 - BKN	20			105	62	25	02	10		990	VIRGA NE	JD
SA	0952	180 SCT 250 - SCT	20			105	63	25	36	05		990	103 1171 48	JD
SA	1048	60 SCT 120 SCT 180 SCT 250 - SCT	20			106	65	27	05	07		989		JD
SA	1148	60 SCT 250 - BKN	20			094	67	25	35	09		987	VIRGA SE W	JD
SA	1248	E70 BKN 250 OVC	20			094	67	25	28	07 G 17		986	VIRGA ALQDS 810 1201	JD
SA	1348	E70 BKN 250 OVC	20			088	68	25	04	03		986	VIRGA ALQDS	JD
SA	1450	80 SCT 250 - OVC	20			085	71	27	27	08 G 17		985	VIRGA ALQDS	JD
SA	1550	100 SCT E250 OVC	20			079	70	27	05	02 G 10		983	VIRGA ALQDS 810 1207	
													74 RADAT 60099	008
SA	1649	100 SCT E250 OVC	20			080	69	24	08	05		983	VIRGA ALQDS	008
SA	1747	100 SCT 250 SCT	20			078	69	23	22	04		983	VIRGA NE SE	008
SA	1852	100 SCT	20			084	64	22	26	06		984	303 1200	008
SA	1950	100 SCT	20			089	57	23	32	02		985		008
SA	2049	CLR	20			095	58	21	08	03		987		008
SA	2145	CLR	20			095	57	23	08	07		987	110 74	008
SA	2252	250 - BKN	20			102	55	22	03	05		990		008
SA	2350	250 - BKN	20			106	55	23	04	11		991		008

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

FM12-VII: IIiii $i_R i_X h$VV 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: 1983 MAY 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 51	26.520	55.1	41.9	31	6	6	CS	250												2	1	.040			00-01
01 49	26.540	54.0	40.6	28	7															3					01-02
02 50	26.540	52.8	40.1	30	6															2					02-03
03 49	26.570	52.8	40.6	32	4	0	AC	120	4	CS	250	4								0	3	.050			03-04
04 49	26.595	51.9	40.2	34	4															3					04-05
05 49	26.615	53.3	40.8	32	4															1					05-06
06 49	26.635	56.1	42.2	29	0	0	AC	120	0	CI	250	0								0	2	.065			06-07
07 48	26.650	59.1	43.9	27	3															1					07-08
08 48	26.650	61.9	45.0	23	2															1					08-09
09 48	26.650	65.0	45.8	19	1	0	CU	100	1	CI	250	1								1	1	.015			09-10
10 48	26.650	66.9	46.1	16	0															0					10-11
11 48	26.625	68.8	47.5	16	0															0					11-12
12 47	26.610	68.8	48.1	18	1	1	AC	90												1	8	.040			12-13
13 48	26.600	69.7	48.5	18	2															2					13-14
14 50	26.580	70.9	48.8	16	3															3					14-15
15 50	26.580	71.4	49.7	18	7	3	CU	90	4	CS	250	7								3	6	.030			15-16
16 45	26.570	72.7	50.0	17	5															2					16-17
17 44	26.580	70.8	49.4	18	2															2					17-18
18 45	26.590	66.6	47.3	20	2	2	CS	250												2	3	.010			18-19
19 50	26.600	61.2	44.6	24	2															2					19-20
20 46	26.610	57.6	42.8	27	2															2					20-21
21 43	26.620	54.5	41.5	31	2	2	CS	250												2	2	.030			21-22
22 48	26.640	52.1	39.9	32	2															2					22-23
23 44	26.645	49.3	38.1	33	2															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 0343	X	0	0	X	55	53	X	X						X		
	0343	1	0	0	0	57	53		0								
	0945	2	0	0	0	65	52		0								
	1543	3	0	0	0	74	65		0								
	2140	4	0	0	0	73	54		0								
	MID.	X	0	0	0	55	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1549	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.650	26.580	26.620
BAROGRAPH 64	26.565	26.650	26.580	26.615
BAR. CORR. 65	+.005	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 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
74	49	0	0	0	24	E	1006					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: 0459P ±3 Sec./ 2230P ±4 Sec./ ± Sec.

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 MAY 14

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	0051	250 -BKN	20			108	55	25	05	11		992	114 1008	008
SA	0149	250 -BKN	20			117	54	22	05	12		994		008
SA	0250	250 -BKN	20			116	53	22	04	12		994		008
SA	0349	250 -SCT	20			128	53	24	04	12		997	317 1038 53 RADAT 52096	JD
SA	0449	120 SCT 250 SCT	20			138	52	24	05	12		000		JD
SA	0549	120 SCT 250 -SCT	20			146	53	24	04	12		003		JD
SA	0649	CLR	20			155	56	24	03	12		005	222 1031	JD
SA	0748	250 - SCT	20			162	59	25	04	08		006		JD
SA	0848	250 -SCT	20			160	62	24	02	10		006		JD
SA	0948	250 SCT	20			159	65	21	03	10G20		006	105 1102 52	JD
SA	1048	CLR	20			159	67	19	04	12		006		JD
SA	1148	CLR	20			148	69	21	01	14		004		JD
SA	1247	90 SCT	20			143	69	24	24	03		002	814 1050	JD
SA	1348	90 SCT	20			139	70	24	17	03		001		JD
SA	1450	90 SCT 250 SCT	20			131	71	23	13	03		998		JD
SA	1550	90 SCT 250 -BKN	20			131	71	26	30	08		998	610 1108 74 RADAT 30105	008
SA	1645	90 SCT 250 - SCT	20			125	73	25	28	10G19		997		008
SA	1744	100 SCT 250 SCT	20			130	71	26	26	10G17		998		008
SA	1845	250 SCT	20			135	67	25	23	10		999	303 1008	008
SA	1950	250 SCT	20			141	61	24	01	05		000		008
SA	2046	250 SCT	20			145	58	24	08	04		002		008
SA	2143	250 SCT	20			149	55	24	01	02		003	210 1008 74	008
SA	2248	250 SCT	20			156	52	23	04	04		005		008
SA	2344	250 SCT	20			159	49	22	12	02		006		008

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

FM12-VII: IIiii $i_R i_x h$VV 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. 1992-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: 93980, DESERT ROCK, NV

DATE: 1983 MAY 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 47	26.630	49.2	38.2	34	2	2	Ci	250												2	0	.010			00-01
01 51	26.630	48.4	37.4	33	2															2					01-02
02 48	26.620	48.1	37.1	33	3															3					02-03
03 49	26.620	46.7	36.1	33	2	2	Ci	250												0	6	.010			03-04
04 47	26.620	49.3	38.4	35	3															0					04-05
05 47	26.640	51.6	40.5	37	0															0					05-06
06 45	26.640	56.7	43.2	31	0	0	Ci	250												0	1	.020			06-07
07 49	26.640	65.0	48.2	27	0															0					07-08
08 48	26.630	65.9	49.7	30	0															0					08-09
09 48	26.620	68.0	50.1	27	1	0	Cu	90	1	Ci	250	1								0	8	.020			09-10
10 49	26.600	71.1	51.3	24	0															0					10-11
11 48	26.570	72.8	52.2	23	0															0					11-12
12 48	26.540	74.8	53.0	21	0	0	Cu	90												0	7	.080			12-13
13 47	26.520	76.6	53.4	19	0															0					13-14
14 46	26.500	77.1	53.3	18	0															0					14-15
15 51	26.470	77.8	54.0	19	0	0	Cu	60												0	8	.070			15-16
16 54	26.440	76.7	52.8	18	1															0					16-17
17 48	26.420	75.2	52.8	20	1															0					17-18
18 53	26.410	72.1	51.8	23	1	0	Cu	60	1	Ci	250	1								0	6	.060			18-19
19 54	26.410	70.0	51.0	26	3															2					19-20
20 51	26.420	69.7	51.7	28	5															4					20-21
21 53	26.450	62.9	51.7	32	3	3	Cu	60												3	3	.040			21-22
22 54	26.460	66.1	48.4	25	1															1					22-23
23 53	26.480	61.7	44.1	20	0															0					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 0345	X	0	0	X	49	47	X	X						X		
	0345	1	0	0	0	55	47		0								
	0944	2	0	0	0	71	45		0								
	1547	3	0	0	0	79	68		0								
	2146	4	0	0	0	78	67		0								
	MID.	X	0	0	0	68	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.620	26.470	26.450
BAROGRAPH 64	26.620	26.620	26.465	26.430
BAR. CORR. 65	±0	±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 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
79	45	0	0	0	31	N	2358					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: 0950 P ⊘4 Sec./ 1932P ⊘3 Sec./ ± Sec.

0547P/26/0645P

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

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 MAY 15

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 (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	250 SCT	20			153	49	22	35	02		004	003 1002	008
SA	0151	250 SCT	20			153	48	21	06	01		004		008
SA	0248	250 SCT	20			148	48	20	09	06		003		008
SA	0349	250 - SCT	20			150	47	19	27	02		003	603 100147 RADAT 32104	HS
SA	0447	250 - SCT	20			148	49	23	20	05		003		HS
SA	0547	CLR	20			155	52	33	09	04		005		HS
SA	0645	CLR	20			155	57	27	25	03		005	107 1001	HS
SA	0749	CLR	20			153	65	30	25	05		005		HS
SA	0848	CLR	20			150	66	34	22	06		004	CW SE	HS
SA	0948	250 - SCT	20			147	68	33	22	11		003	CW SE 807 110145	HS
SA	1049	CLR	20			140	71	32	28	08		001	CW SE NW-NE	HS
SA	1148	CLR	20			129	73	33	26	11		998	CW ALQDS	HS
SA	1248	CLR	20			115	75	33	21	10	621	994	CW ALQDS 727 1100	HS
SA	1347	CLR	20			107	77	32	27	15		992	CW ALQDS	HS
SA	1446	CLR	20			100	77	31	23	13		990	CW ALQDS	HS
SA	1551	CLR	20			088	78	32	24	11	621	987	824 110079 RADAT	JC
/													36112	/
SA	1654	250 - SCT	20			076	77	29	24	10	619	983	FEW CU	JC
SA	1748	250 - SCT	20			068	75	32	19	09		981	FEW CU	JC
SA	1853	250 - SCT	20			064	72	32	20	12		980	620 1101	JC
SA	1954	60 SCT	20			061	70	34	20	08		980		JC
SA	2051	60 SCT	20			063	70	35	21	11		981		JC
SA	2153	60 SCT	20			075	65	37	28	10		984	314 1100 79	JC
SA	2254	60 SCT	20			078	66	29	03	08		986		JC
SA	2353	CLR	20			087	62	21	02	22	630	988	FEW CU	JC

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

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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: 1983 MAY 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 54	26.500	57.8	42.4	24	0															0	3	.050			00-01
01 53	26.520	56.0	43.1	33	0															0					01-02
02 51	26.540	53.7	44.2	48	0															0					02-03
03 50	26.540	52.6	41.8	39	0															0	1	.040			03-04
04 47	26.560	50.8	40.9	42	0															0					04-05
05 48	26.585	53.6	41.6	34	0															0					05-06
06 48	26.615	54.9	42.1	32	0	0	CU	80												0	3	.075			06-07
07 48	26.620	56.0	42.0	28	0															0					07-08
08 49	26.620	58.4	43.0	25	0															0					08-09
09 49	26.620	59.3	44.0	26	0	0	CU	80												0	1	.005			09-10
10 46	26.620	60.8	44.1	23	0															0					10-11
11 50	26.600	65.1	46.2	20	0															0					11-12
12 48	26.590	64.9	45.6	18	0	0	CU	80												0	8	.030			12-13
13 48	26.570	67.6	46.6	16	0															0					13-14
14 48	26.560	69.2	47.6	16	0															0					14-15
15 53	26.560	68.0	46.9	16	0	0	CU	80												0	6	.030			15-16
16 51	26.560	67.8	47.4	18	0															0					16-17
17 54	26.520	66.0	46.8	20	0															0					17-18
18 52	26.575	66.9	45.6	23	0	0	CU	80												0	3	.015			18-19
19 54	26.610	60.0	44.1	25	0															0					19-20
20 50	26.640	57.3	42.6	26	0															0					20-21
21 52	26.660	56.2	42.8	31	0															0	1	.085			21-22
22 53	26.690	54.4	42.1	34	0															0					22-23
23 54	26.700	52.2	40.7	35	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		0	0		62	53										
	0346	1	0	0	0	68	53		0								
	0945	2	0	0	0	63	50		0								
	1546	3	0	0	0	70	59		0								
	2148	4	0	0	0	69	56		0								
	MID.		0	0	0	56	52										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.620	26.560	26.660
BAROGRAPH 64	26.530	26.620	26.560	26.653
BAR. CORR. 65	+.010	±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
70	50	0	0	0	29	NE	0730					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 ±4 Sec./ 1916P ±4 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: 1983 MAY 1 6

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	0054	CLR	20			096	58	22	03	15	624	990	317	JC
SA	0153	CLR	20			104	56	27	02	15	622	992		JC
SA	0251	CLR	20			112	53	34	04	12	617	994		JC
SA	0350	CLR	20			112	53	29	07	14		994	114 53 RADAT 33095	HS
SA	0447	CLR	20			121	51	29	36	08		997		HS
SA	0548	CLR	20			130	54	26	01	10		999		HS
SA	0648	CLR	20			142	55	26	08	08		003	CW SE AND NW 325 1100	HS
SA	0748	CLR	20			145	56	24	36	14	624	003	CW ALQDS	HS
SA	0849	CLR	20			144	58	23	34	09	621	003	CW ALQDS	HS
SA	0949	CLR	20			144	59	25	33	10	619	003	CW ALQDS 102 1100 50	HS
SA	1046	CLR	20			144	61	23	36	13		003	CW ALQDS	HS
SA	1150	CLR	20			137	65	23	33	13		001	FEW CU	HS
SA	1248	CLR	20			136	65	21	32	13		000	FEW CU 810 1100	HS
SA	1348	CLR	20			127	68	20	28	11		998	FEW CU	HS
SA	1448	CLR	20			125	69	21	35	10		997	FEW CU	HS
SA	1553	CLR	20			125	68	20	31	15	624	997	610 1100 70 RADAT	JC
/													33096	/
SA	1651	CLR	20			126	68	23	29	12	621	997	FEW CU	JC
SA	1754	CLR	20			129	66	24	33	13	620	998	FEW CU	JC
SA	1852	CLR	20			133	63	25	33	11		998	305 1100	JC
SA	1954	CLR	20			147	60	24	36	14	620	002		JC
SA	2050	CLR	20			158	57	23	01	14	624	005		JC
SA	2152	CLR	20			166	56	26	02	14	620	008	129 70	JC
SA	2253	CLR	20			178	54	27	02	13	623	011		JC
SA	2354	CLR	20			180	52	26	03	12	622	012		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. 1992-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAY 17

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 51	26.700	51.7	40.7	37	0															0	1	.040			00-01
01 49	26.710	50.4	41.2	45	0															0					01-02
02 50	26.720	48.6	39.2	42	0															0					02-03
03 47	26.720	49.0	40.0	45	0															0	1	.020			03-04
04 47	26.730	48.2	39.7	47	0															0					04-05
05 47	26.750	49.8	40.7	45	0															0					05-06
06 48	26.760	52.6	42.0	40	0															0	2	.040			06-07
07 47	26.760	55.9	43.6	36	0															0					07-08
08 48	26.760	58.3	45.0	34	0															0					08-09
09 49	26.740	60.8	45.3	28	0															0	8	.020			09-10
10 46	26.730	64.8	47.8	26	0															0					10-11
11 48	26.720	67.3	47.7	20	0															0					11-12
12 48	26.700	69.8	49.6	21	0	0	Cu	80												0	7	.040			12-13
13 48	26.680	70.0	49.0	19	0															0					13-14
14 53	26.670	72.4	50.0	17	0															0					14-15
15 54	26.670	73.2	50.0	16	0	0	Cu	80	0	Ci	250	0								0	6	.030			15-16
16 54	26.660	71.4	48.0	13	1															0					16-17
17 49	26.670	70.9	49.0	17	1															0					17-18
18 50	26.670	67.8	48.4	21	0															0	5	.000			18-19
19 53	26.690	64.7	47.1	24	0															0					19-20
20 50	26.710	60.7	45.0	27	0															0					20-21
21 54	26.710	59.2	44.1	27	0															0	1	.040			21-22
22 54	26.705	58.7	43.8	27	0															0					22-23
23 52	26.705	58.3	42.7	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 0343		0	0		52	49										
	0343	1	0	0	0	56	49		0								
	0945	2	0	0	0	63	48		0								
	1547	3	0	0	0	73	61		0								
	2146	4	0	0	0	73	59		0								
	MID.		0	0	0	59	58										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.740	26.670	26.710
BAROGRAPH 64	26.720	26.745	26.655	26.655
BAR. CORR. 65	±0	-.005	+.015	+.022

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
73	48	0	0	0	24	NE	1418					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 P ± 4 Sec. / 1923 P ± 4 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: 1983 MAY 17

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	0051	CLR	20			180	52	27	04	10		012	114	JC
SA	0149	CLR	20			184	50	30	05	14		013		JC
SA	0250	CLR	20			187	49	27	06	08		014		JC
SA	0347	CLR	20			188	49	29	03	09		014	107 49 RADAT 40080	HS
SA	0447	CLR	20			192	48	29	09	08		015		HS
SA	0547	CLR	20			200	50	30	05	14		017		HS
SA	0648	CLR	20			204	53	29	06	06		018	214	HS
SA	0747	CLR	20			204	56	29	01	12		018		HS
SA	0848	CLR	20			204	58	30	05	12		018		HS
SA	0949	CLR	20			196	61	27	12	12		016	807 48	HS
SA	1046	CLR	20			191	65	30	25	05		015	FEW CU	HS
SA	1148	CLR	20			187	67	25	06	10		014	FEW CU	HS
SA	1248	CLR	20			179	70	28	01	14		012	FEW CU 714 1100	HS
SA	1348	CLR	20			171	70	26	05	11	G21	010	CU ALQ DS	HS
SA	1453	CLR	20			167	72	25	02	10	G19	009	CU ALQ DS	HS
SA	1554	CLR	20			166	73	24	02	13	G18	009	610 1101 73 RADAT	JC
/													38102	/
SA	1654	250 -SCT	20			164	71	18	05	09		008	FEW CU	JC
SA	1749	250 -SCT	20			166	71	24	36	13		009	FEW CU	JC
SA	1850	CLR	20			167	68	27	05	10		009	500	JC
SA	1953	CLR	20			174	65	27	05	09		011		JC
SA	2050	CLR	20			183	61	26	05	08		013		JC
SA	2154	CLR	20			183	59	26	04	10		013	114 73	JC
SA	2254	CLR	20			178	59	25	06	11		013		JC
SA	2352	CLR	20			177	58	22	06	08		013		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 MAY 18

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 54	26.710	54.4	40.2	27	0															0	5	.000			00-01
01 50	26.710	57.4	43.8	32	0															0					01-02
02 51	26.700	59.3	43.2	23	0															0					02-03
03 50	26.700	54.7	40.0	23	0	0	Ci	250												0	6	.010			03-04
04 47	26.700	52.6	40.1	31	0															0					04-05
05 47	26.700	53.6	41.0	31	4															0					05-06
06 47	26.700	60.4	45.1	27	4	4	Ci	250												0	4	.000			06-07
07 50	26.700	65.0	43.4	10	10															2					07-08
08 48	26.700	67.9	48.0	20	10															3					08-09
09 48	26.680	70.0	49.1	19	10	0	Ac	150	10	Ci	250	10								2	8	.020			09-10
10 47	26.650	73.3	50.7	18	10															3					10-11
11 50	26.630	73.4	50.4	17	10															3					11-12
12 48	26.600	74.7	50.8	15	10	0	Ac	150	10	Ci	250	10								2	7	.080			12-13
13 48	26.580	76.8	52.0	15	10															1					13-14
14 47	26.560	77.7	51.9	14	10															1					14-15
15 45	26.530	77.0	51.1	13	7	0	Ac	150	7	Ci	250	7								1	8	.070			15-16
16 48	26.520	76.2	51.0	13	2															0					16-17
17 52	26.510	74.7	51.0	15	1															0					17-18
18 49	26.500	70.9	49.2	18	0	0	Ac	150	0	Ci	250	0								0	7	.030			18-19
19 46	26.510	67.8	47.5	19	0															0					19-20
20 46	26.520	63.8	45.8	22	0															0					20-21
21 49	26.530	62.2	45.5	24	0	0	Ac	150												0	2	.030			21-22
22 48	26.530	59.5	43.8	25	0															0					22-23
23 46	26.540	62.1	45.6	25	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 03.46	X	0	0	X	59	54	X	X						X		
	03.46	1	0	0	0	59	54		0								
	0944	2	0	0	0	73	51		0								
	1540	3	0	0	0	80	70		0								
	2146	4	0	0	0	77	62		0								
	MID.	X	0	0	0	62	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	03 49	09 47	1541	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.680	26.530	26.530
BAROGRAPH 64	26.680	26.665	26.520	26.500
BAR. CORR. 65	+.020	+.015	+.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
80	51	0	0	0	24	SW	1431					7	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: 0752P ±4 Sec. 1800 P ±3 Sec. ± Sec.

0948 - 0948

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 MAY 18

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	0054	CLR	20			180	54	22	03	03		013	500	JC
SA	0150	CLR	20			178	57	28	03	11		013		JC
SA	0251	CLR	20			173	59	22	09	08		012	1001	JC
SA	0350	CLR	20			175	55	18	05	05		012	603 54 RADAT 34107	HS
SA	0447	CLR	20			177	53	23	09	06		012		HS
SA	0547	250 - SCT	20			176	54	24	35	02		012		HS
SA	0647	250 - SCT	20			175	60	27	11	02		012	400 1001	HS
SA	0750	250 - OVC	20			174	65	8	35	04		012		HS
SA	0848	250 - OVC	20			174	68	25	26	08		012		HS
SA	0948	250 - OVC	20			166	70	26	26	07		010	AC N/ 807 1081 51	HS
SA	1047	250 - OVC	20			154	73	27	10	03		007	AC N	HS
SA	1150	250 - OVC	20			147	73	25	28	10		004	FEW CU FEW AC	HS
SA	1248	250 - OVC	20			136	75	25	28	10		001	AC N 727 1031	HS
SA	1348	250 - OVC	20			126	77	26	24	14		999	FEW AC	HS
SA	1447	250 - OVC	20			117	78	24	28	13		997	FEW AC	HS
SA	1545	250 - BKN	20			108	77	22	24	16		993	824 1031 80 RADAT 37110	EP
SA	1648	250 - SCT	20			105	76	23	25	13		992		EP
SA	1752	250 - SCT	20			102	75	26	24	13		991		EP
SA	1849	CLR	20			096	71	25	23	07		990	710 1031	EP
SA	1946	CLR	20			100	68	23	32	06		991		EP
SA	2046	CLR	20			104	64	24	33	09		992		EP
SA	2149	CLR	20			108	62	25	32	10		993	210 1030 80	EP
SA	2248	CLR	20			107	60	24	02	06		993		EP
SA	2346	CLR	20			109	62	26	19	05		994		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: 19 MAY 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	26.540	64.0	48.3	30	0															0	1	.010			00-01
01 48	26.550	60.8	47.2	35	0															0					01-02
02 50	26.560	61.6	48.0	36	0															0					02-03
03 48	26.560	60.0	47.2	37	0	0	CI	250												0	1	.020			03-04
04 45	26.570	57.7	46.4	42	1															1					04-05
05 45	26.600	58.4	46.6	41	1															0					05-06
06 45	26.620	61.0	47.2	35	5	5	CI	250												0	2	.060			06-07
07 47	26.640	64.0	47.6	28	4															0					07-08
08 47	26.640	65.0	47.6	25	1															0					08-09
09 50	26.640	65.4	47.4	23	0	0	CU	80	0	CI	250	0								0	1	.020			09-10
10 48	26.630	69.0	48.6	19	0															0					10-11
11 46	26.625	70.3	50.0	21	1															1					11-12
12 48	26.610	72.2	50.0	17	3	3	CI	250												1	7	.030			12-13
13 45	26.600	71.4	49.0	16	3															1					13-14
14 45	26.580	74.3	50.0	14	2															1					14-15
15 48	26.570	75.5	50.2	12	2	2	CI	250												0	7	.040			15-16
16 46	26.570	75.1	50.3	13	2															0					16-17
17 46	26.580	74.3	49.9	14	0															0					17-18
18 48	26.580	71.3	48.5	15	0	0	CI	250												0	1	.010			18-19
19 45	26.610	68.9	46.9	15	0															0					19-20
20 47	26.640	62.5	44.4	20	0															0					20-21
21 50	26.650	64.0	45.1	19	0															0	1	.070			21-22
22 47	26.670	63.0	44.8	20	0															0					22-23
23 48	26.685	60.0	44.0	25	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	64	59	X	X						X		
	0343	1	0	0	0	64	59		0								
	0944	2	0	0	0	66	57		0								
	1544	3	0	0	0	76	65		0								
	2145	4	0	0	0	76	62		0								
	MID.	X	0	0	0	64	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.640	26.570	26.650
BAROGRAPH 64	26.580	26.610	26.550	26.620
BAR. CORR. 65	+.030	+.030	+.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 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
76	57	0	0	0	30	N	0958					2	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: 1000 P ⊘4 Sec. 1 2200 P ⊘4 Sec. 1 ± Sec.

1945/1945 P

SP/O
KS/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 MAY 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	CLR	20			108	64	32	02	10		994	103	EP
SA	0148	CLR	20			111	61	33	05	08		995		EP
SA	0250	CLR	20			115	62	34	03	15		996		EP
SA	0348	CLR	20			117	60	34	36	14		996	107 1001 59 RADAT 6410	SH
SA	0445	250 SCT	20			122	58	35	02	13		997		SH
SA	0545	250 -SCT	20			135	58	35	03	12		001		SH
SA	0645	250 -SCT	20			142	61	33	04	12		003	220 1001	SH
SA	0747	250 -SCT	20			151	64	30	02	13	G24	005		SH
SA	0847	250 -SCT	20			151	65	28	36	15		005		SH
SA	0950	CLR	20			151	65	27	02	14	G24	005	107 1101 57	SH
SA	1048	CLR	20			147	69	26	02	18	G27	004		SH
SA	1146	250 SCT	20			145	70	29	01	12	G23	004		SH
SA	1248	250 -SCT	20			136	72	26	34	16		002	710 1001	SH
SA	1345	250 -SCT	20			135	71	23	36	14	G23	001		SH
SA	1445	250 -SCT	20			124	74	22	36	10	G21	998		SH
SA	1548	250-SCT	20			120	76	20	04	15	G25	997	714 1001 76 RADAT 20114	EP
SA	1646	250-SCT	20			122	75	22	03	13		997		EP
SA	1746	CLR	20			126	74	21	04	14		998		EP
SA	1848	CLR	20			127	71	21	03	13		998	103 1001	EP
SA	1945	CLR	20			138	69	19	04	11		002		EP
SA	2047	CLR	20			151	63	20	05	08		005		EP
SA	2150	CLR	20			154	64	20	05	10		006	124 76	EP
SA	2247	CLR	20			162	63	21	04	12		008		EP
SA	2348	CLR	20			168	60	24	05	13		010		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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, NV

DATE: 20 MAY 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	26.690	59.8	43.9	25	0															0	1	.040			00-01
01 48	26.690	59.6	44.0	26	0															0					01-02
02 50	26.690	57.8	43.1	27	0															0					02-03
03 48	26.700	59.0	44.0	27	0	0	C1	250												0	3	.010			03-04
04 46	26.710	55.7	43.0	34	7															0					04-05
05 48	26.720	58.3	44.5	32	8															1					05-06
06 47	26.730	61.0	45.6	28	8	8	C1	250												1	2	.030			06-07
07 47	26.730	65.2	48.0	26	8															2					07-08
08 45	26.730	68.6	49.5	23	9		-													2					08-09
09 49	26.720	70.5	50.4	22	7	7	C1	250												2	8	.010			09-10
10 46	26.710	71.4	50.3	20	5															1					10-11
11 48	26.690	74.4	52.0	19	4															1					11-12
12 48	26.670	76.2	53.7	18	3	3	C1	250												0	7	.050			12-13
13 46	26.640	78.8	54.0	17	2															0					13-14
14 47	26.620	80.0	55.0	18	2															0					14-15
15 49	26.600	81.8	55.5	16	2	2	C1	250												0	6	.070			15-16
16 47	26.580	80.4	55.0	17	5															0					16-17
17 48	26.580	81.0	56.0	19	1															0					17-18
18 48	26.590	77.0	53.7	19	0	0	C1	250												0	5	.010			18-19
19 49	26.600	72.7	51.5	21	0															0					19-20
20 48	26.620	67.4	49.3	25	0															0					20-21
21 49	26.620	63.5	47.2	27	0															0	1	.030			21-22
22 45	26.630	59.9	45.8	34	0															0					22-23
23 47	26.630	60.0	45.7	31	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. 0344	X	0	0	X	60	57	X	X						X		
	0344	1	0	0	0	64	57		0								
	0943	2	0	0	0	71	55		0								
	1544	3	0	0	0	82	71		0								
	2143	4	0	0	0	82	64		0								
	MID.	X	0	0	0	64	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.720	26.600	26.620
BAROGRAPH 64	26.670	26.690	26.570	26.590
BAR. CORR. 65	+.030	+.030	+.030	+.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
82	55	0	0	0	21	N	1316					5	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: 0548P ±4 Sec. / 2200P ±4 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: 20 MAY 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	CLR	20			169	60	24	05	12		011	114	EP
SA	0148	CLR	20			169	60	25	04	13		011		EP
SA	0250	CLR	20			169	58	24	06	11		011		EP
SA	0348	CLR	20			171	59	26	09	07		012	303 1001 57 RADAT32115	SH
SA	0446	250 -BKN	20			177	56	28	04	10		013		SH
SA	0548	250 -BKN	20			180	58	28	02	13		014		SH
SA	0647	250 -BKN	20			185	61	28	03	12		015	210 1001	SH
SA	0747	250 -BKN	20			185	65	30	03	15		015		SH
SA	0845	250 -BKN	20			185	69	30	04	12		015		SH
SA	0949	250 -BKN	20			179	71	30	01	13		014	803 1001 55	SH
SA	1046	250 -SCT	20			175	71	28	01	06		013		SH
SA	1148	250 -SCT	20			168	74	30	03	12		011		SH
SA	1248	250 -SCT	20			159	76	30	07	12		008	717 1001	SH
SA	1346	250 -SCT	20			146	79	31	07	08		005		SH
SA	1447	250 -SCT	20			139	80	33	35	08		003		SH
SA	1549	250-SCT	20			130	82	32	34	09		001	624 1001 82 RADAT54118	EP
SA	1647	250-SCT	20			124	80	32	11	06		998		EP
SA	1748	250-SCT	20			123	81	35	19	06		998		EP
SA	1848	CLR	20			127	77	32	23	05		999	503 1001	EP
SA	1949	CLR	20			131	73	31	16	03		001		EP
SA	2048	CLR	20			140	67	31	11	03		003		EP
SA	2149	CLR	20			141	64	29	08	04		003	110 82	EP
SA	2245	CLR	20			146	60	32	04	05		004		EP
SA	2347	CLR	20			144	60	30	14	03		004		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: 21 MAY 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	26.630	60.2	45.8	31	0															0	1	.010			00-01
01 49	26.630	58.6	44.9	32	0															0					01-02
02 50	26.620	61.7	47.6	34	0															0					02-03
03 46	26.620	56.5	44.6	38	0															0	6	.010			03-04
04 45	26.640	55.3	44.7	43	0															0					04-05
05 47	26.650	60.5	47.7	39	0															0					05-06
06 46	26.655	65.0	50.0	34	0															0	1	.035			06-07
07 46	26.650	71.5	52.5	27	0															0					07-08
08 46	26.640	76.0	54.5	23	0															0					08-09
09 48	26.635	77.8	55.0	22	0															0	7	.020			09-10
10 47	26.620	79.6	55.6	20	0															0					10-11
11 48	26.600	83.0	56.3	16	0															0					11-12
12 46	26.580	83.6	56.4	16	0															0	7	.055			12-13
13 46	26.555	85.1	56.0	13	0															0					13-14
14 47	26.540	86.4	57.3	14	0															0					14-15
15 50	26.515	86.8	56.0	11	0															0	7	.065			15-16
16 47	26.500	85.8	55.3	11	0															0					16-17
17 50	26.480	84.9	54.9	11	0															0					17-18
18 49	26.490	81.4	53.9	13	0	0	CI	250												0	6	.045			18-19
19 47	26.490	74.0	51.0	17	0															0					19-20
20 47	26.500	73.1	50.7	18	0															0					20-21
21 50	26.500	72.0	50.7	20	0															0	1	.030			21-22
22 46	26.520	69.7	50.1	23	0															0					22-23
23 50	26.520	63.8	47.3	27	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	62	56	X	X						X		
	0342	1	0	0	0	64	56		0								
	0943	2	0	0	0	78	55		0								
	1544	3	0	0	0	87	78		0								
	2145	4	0	0	0	87	72		0								
	MID.	X	0	0	0	72	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.635	26.515	26.500
BAROGRAPH 64	26.595	26.610	26.520	26.510
BAR. CORR. 65	+.025	+.025*	-.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 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	55	0	0	0	24	S	1557					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: 0538P ±4 Sec. / 2130P ±4 Sec. / ± Sec.

* BAROGRAM CHANGED AND SET TO ZERO CORRECTION 1025P

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: 21 MAY 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)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			143	60	30	12	07		004	103	EP
SA	0149	CLR	20			143	59	29	00	00		004		EP
SA	0250	CLR	20			137	62	33	02	05		003		EP
SA	0346	CLR	20			139	57	31	07	03		003	603 56 RADAT 20144	SH
SA	0445	CLR	20			147	55	33	11	05		005		SH
SA	0547	CLR	20			150	60	35	32	02		006		SH
SA	0646	CLR	20			151	65	36	17	03		007	112	SH
SA	0746	CLR	20			148	72	35	36	10		006		SH
SA	0846	CLR	20			144	76	36	06	05		005		SH
SA	0948	CLR	20			144	78	35	29	06		005	707 55	SH
SA	1047	CLR	20			138	80	35	21	11		003		SH
SA	1148	CLR	20			129	83	33	27	08		001		SH
SA	1246	CLR	20			121	84	33	21	10		998	719	SH
SA	1346	CLR	20			111	85	29	24	11	G23	996		SH
SA	1447	CLR	20			104	86	32	21	12		994		SH
SA	1550	CLR	20			096	87	26	23	13		991	722 87 RADAT 20141	EP
SA	1647	CLR	20			092	86	25	24	12		990		EP
SA	1750	CLR	20			083	85	25	23	13		987		EP
SA	1849	CLR	20			078	81	26	25	10		986	615 1001	EP
SA	1947	CLR	20			085	74	27	31	07		988		EP
SA	2047	CLR	20			088	73	27	33	09		990		EP
SA	2150	CLR	20			088	72	29	34	10		990	110 87	EP
SA	2246	CLR	20			095	70	30	05	04		992		EP
SA	2350	CLR	20			096	64	29	00	00		992		EP

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

FM12-VII: IIiii $i_R i_X h$VV 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: 22 MAY 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	26.520	63.6	47.0	27	0															0	1	.020			00-01
01 46	26.530	65.0	47.5	25	0															0					01-02
02 50	26.540	63.8	48.0	30	0															0					02-03
03 50	26.550	67.3	47.0	18	0															0	2	.030			03-04
04 48	26.555	70.6	45.1	28	0															0					04-05
05 52	26.580	76.5	48.4	16	0															0					05-06
06 50	26.590	71.7	49.2	16	0															0	2	.040			06-07
07 50	26.600	76.2	51.3	14	0															0					07-08
08 48	26.590	81.2	52.0	9	0															0					08-09
09 52	26.585	84.4	54.4	10	0															0	8	.005			09-10
10 47	26.585	86.1	54.8	10	0															0					10-11
11 53	26.570	87.6	55.6	9	0															0					11-12
12 52	26.550	89.1	56.3	9	0															0	8	.035			12-13
13 52	26.540	89.3	56.2	9	0															0					13-14
14 50	26.520	89.8	55.7	7	0															0					14-15
15 50	26.510	90.8	55.5	7	0															0	7	.040			15-16
16 50	26.500	89.9	56.0	8	0															0					16-17
17 50	26.500	88.0	55.6	9	0															0					17-18
18 50	26.510	83.4	54.5	12	0															0	5	.000			18-19
19 50	26.520	75.7	50.9	14	0															0					19-20
20 50	26.540	74.3	50.2	14	0															0					20-21
21 50	26.540	70.1	49.9	17	0															0	1	.030			21-22
22 50	26.540	68.4	48.4	20	0															0					22-23
23 50	26.550	65.6	47.1	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 0346	X	0	0	X	67	59	X	X						X		
	0346	1	0	0	0	72	59		0								
	0947	2	0	0	0	86	59		0								
	1546	3	0	0	0	92	84		0								
	2146	4	0	0	0	91	70		0								
	MID.	X	0	0	0	70	65	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	26.515	26.510	26.540
BAROGRAPH 64	26.560	26.600	26.515	26.525
BAR. CORR. 65	-.010	-.015	-.005	+.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
92	59	0	0	0	18	NE	0544					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: 0655P ±2 Sec./ 2345P ±2 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, NV

DATE: 22 MAY 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	CLR	20			096	64	29	09	03		992	107	EP
SA	0146	CLR	20			098	65	28	04	10		993		EP
SA	0250	CLR	20			102	64	32	32	03		994		EP
SA	0350	CLR	20			103	67	22	04	09		995	210 59 RADAT 45129	CRD
SA	0448	CLR	20			109	61	27	11	03		996		CRD
SA	0552	CLR	20			115	71	22	05	15		998		CRD
SA	0650	CLR	20			119	72	23	03	11		999	214	CRD
SA	0750	CLR	20			125	76	24	01	11		001		CRD
SA	0848	CLR	20			120	81	17	10	08		999		CRD
SA	0952	CLR	20			117	84	23	11	05		999	802 59	CRD
SA	1047	CLR	20			117	86	22	29	04		999		CRD
SA	1153	CLR	20			112	88	23	07	03		997		CRD
SA	1252	CLR	20			104	89	23	36	10		995	812	CRD
SA	1352	CLR	20			100	89	22	23	07		994		CRD
SA	1450	CLR	20			092	90	19	08	05		992		CRD
SA	1550	CLR	20			087	91	17	26	06		991	714 92 RADAT 28134	WRG
SA	1650	CLR	20			086	90	20	21	07		990		WRG
SA	1750	CLR	20			083	88	22	19	10		990		WRG
SA	1850	CLR	20			083	83	25	21	05		991	500	WRG
SA	1950	CLR	20			093	76	23	11	04		992		WRG
SA	2050	CLR	20			099	74	23	10	06		994		WRG
SA	2150	CLR	20			099	70	23	07	04		994	110 92	WRG
SA	2250	CLR	20			099	68	26	00	00		994		WRG
SA	2350	CLR	20			104	66	26	34	06		995		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 MAY 23

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	26.560	62.2	45.2	23	0															0	3	.020			00-01
01 50	26.560	64.2	46.0	23	0															0					01-02
02 50	26.560	60.4	44.2	24	0															0					02-03
03 50	26.560	62.8	46.0	25	0															0	4	.000			03-04
04 51	26.550	62.8	46.0	25	0															0					04-05
05 50	26.580	67.9	48.5	21	0															0					05-06
06 53	26.590	75.5	52.2	18	0															0	2	.030			06-07
07 48	26.590	79.3	53.7	16	0															0					07-08
08 47	26.590	84.3	55.2	12	0															0					08-09
09 50	26.585	87.5	56.0	10	0															0	8	.005			09-10
10 46	26.580	89.3	56.3	9	0															0					10-11
11 50	26.560	91.2	56.9	8	0															0					11-12
12 48	26.545	93.3	58.0	8	0	0	CU	80												0	7	.040			12-13
13 46	26.530	94.6	58.2	8	0															0					13-14
14 51	26.510	94.8	58.2	7	0															0					14-15
15 50	26.490	94.0	59.0	9	0	0	CU	80												0	7	.055			15-16
16 50	26.480	92.4	57.2	8	0															0					16-17
17 50	26.490	91.0	56.8	8	0															0					17-18
18 50	26.510	85.7	55.9	12	0	0	SC	80												0	3	.020			18-19
19 50	26.530	77.8	52.1	14	0															0					19-20
20 50	26.540	77.7	52.0	14	0															0					20-21
21 50	26.550	74.3	50.4	15	0															0	2	.040			21-22
22 50	26.555	70.7	49.1	18	0															0					22-23
23 50	26.555	75.7	50.9	14	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	66	60	X	X						X		
	0846	1	0	0	0	70	60		0								
	0945	2	0	0	0	90	63		0								
	1546	3	0	0	0	96	88		0								
	2146	4	0	0	0	94	74		0								
	MID.	X	0	0	0	76	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.585	26.490	26.550
BAROGRAPH 64	26.545	26.590	26.495	26.520
BAR. CORR. 65	+.015	-.005	-.005	+.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
96	60	0	0	0	19	W	1644					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: 0500 ± 2 Sec. / 23:58 ± 2 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, NV

DATE: 1983 MAY 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)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			109	62	24	36	07		996	307	WRG
SA	0150	CLR	20			108	64	26	11	05		996		WRG
SA	0250	CLR	20			109	60	24	05	05		996		WRG
SA	0350	CLR	20			108	63	26	02	05		996	400 60 RADAT 39131	CRD
SA	0451	CLR	20			104	63	26	06	05		995		CRD
SA	0550	CLR	20			114	68	27	09	06		998		CRD
SA	0653	CLR	20			117	76	29	03	10		999	210	CRD
SA	0748	CLR	20			118	79	29	04	08		999		CRD
SA	0847	CLR	20			117	84	27	09	05		999		CRD
SA	0950	CLR	20			117	88	25	20	05		999	802 60	CRD
SA	1046	CLR	20			114	89	23	12	08		998	CU NW	CRD
SA	1150	CLR	20			106	91	23	24	05		996	CU NW	CRD
SA	1248	CLR	20			102	93	24	18	10		995	FEW CU / 714 1100	CRD
SA	1346	CLR	20			094	95	23	29	06		993	FEW CU	CRD
SA	1451	CLR	20			088	95	22	24	12		991	FEW CU	CRD
SA	1550	CLR	20			079	94	28	22	13		988	719 1100 96 RADAT 43136	WRG
SA	1650	CLR	20			077	92	22	27	14		987		WRG
SA	1750	CLR	20			075	91	23	23	11		988		WRG
SA	1850	CLR	20			085	86	28	26	05		991	307 1400	WRG
SA	1950	CLR	20			095	78	25	09	04		993		WRG
SA	2050	CLR	20			095	78	25	11	06		994		WRG
SA	2150	CLR	20			101	74	24	10	06		995	214 96	WRG
SA	2250	CLR	20			103	71	25	11	05		996		WRG
SA	2350	CLR	20			100	76	23	36	06		996		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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: 1983 MAY 24

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	70.4	49.1	18	0															0	1	.005			00-01
01 50	26.550	68.0	48.0	20	0															0					01-02
02 50	26.550	65.2	46.9	22	0															0					02-03
03 51	26.550	63.1	46.8	27	0	0	CU	90												0	8	.005			03-04
04 49	26.560	63.3	46.8	27	1															1					04-05
05 49	26.570	68.4	50.0	26	1															1					05-06
06 50	26.575	75.4	52.6	19	0	0	CU	80												0	2	.025			06-07
07 51	26.580	83.0	56.1	16	0															0					07-08
08 49	26.580	86.5	57.0	14	0															0					08-09
09 52	26.570	89.6	57.2	10	0	0	CU	80												0	8	.005			09-10
10 51	26.560	92.2	58.2	10	1															1					10-11
11 52	26.550	93.1	58.5	9	1															1					11-12
12 52	26.530	96.2	59.0	8	1	1	CU	80												1	7	.040			12-13
13 49	26.520	95.2	58.2	7	1															1					13-14
14 51	26.500	94.8	58.7	8	2															2					14-15
15 50	26.490	95.9	59.0	8	4	4	CU	100												4	7	.040			15-16
16 50	26.485	95.0	57.9	7	3															3					16-17
17 50	26.485	92.4	57.8	9	2															2					17-18
18 50	26.500	87.3	55.8	10	2	2	SC	100												2	3	.010			18-19
19 50	26.520	79.2	52.0	12	0															0					19-20
20 45	26.540	75.3	50.4	13	0															0					20-21
21 50	26.555	71.1	49.3	17	0															0	2	.055			21-22
22 50	26.560	72.0	52.2	24	0															0					22-23
23 50	26.560	69.7	51.0	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 0347		0	0		76	60										
	0347	1	0	0	0	76	60		0								
	0946	2	0	0	0	91	63		0								
	1546	3	0	0	0	97	90		0								
	2146	4	0	0	0	96	71		0								
	MID.		0	0	0	72	69										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.570	26.490	26.555
BAROGRAPH 64	26.535	26.575	26.495	26.525
BAR. CORR. 65	+.015	-.005	-.005	+.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 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
97	60	0	0	0	14	NW	1641					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: 0900P ±2 Sec./ 2249P ±2 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, NV

DATE: 1983 MAY 24

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)	SEQ. OBS. INITIALS (15)
SA	0050	CLR	20			101	70	25	00	00		996	102	WRC
SA	0150	CLR	20			099	68	25	07	06		995		WRC
SA	0250	CLR	20			101	65	26	16	04		995		WRC
SA	0351	CLR	20			102	63	29	04	03		995	CUE/802 1100 60 RADAT 48131	CRD
SA	0448	80 SCT	20			108	63	29	05	06		996		CRD
SA	0549	80 SCT	20			110	68	32	05	05		997		CRD
SA	0650	CLR	20			110	75	30	13	05		998	CU NW/ 208 1100	CRD
SA	0751	CLR	20			111	83	32	03	10		998	FEW CU	CRD
SA	0849	CLR	20			111	87	31	01	05		998	CU SE	CRD
SA	0952	CLR	20			106	90	27	01	04		997	CU NW SE/802 1100 60	CRD
SA	1051	80 SCT	20			103	92	27	08	06		996		CRD
SA	1152	80 SCT	20			097	93	27	21	08		995		CRD
SA	1252	80 SCT	20			091	96	24	25	10		993	714 1100	CRD
SA	1349	80 SCT	20			088	95	22	15	04		992		CRD
SA	1451	80 SCT	20			083	95	25	04	04		990		CRD
SA	1550	100 SCT	20			078	96	25	23	10		988	714 1100 97 RADAT 41140	WRC
SA	1650	100 SCT	20			077	95	20	30	11		988		WRC
SA	1750	100 SCT	20			076	92	25	29	09		988		WRC
SA	1850	100 SCT	20			081	87	24	25	06		989	303 1400	WRC
SA	1950	CLR	20			089	79	22	01	06		992	FEW SCN	WRC
SA	2045	CLR	20			097	75	22	04	05		994		WRC
SA	2150	CLR	20			102	71	25	07	04		996	219 97	WRC
SA	2250	CLR	20			104	72	34	11	04		996		WRC
SA	2350	CLR	20			104	70	33	00	00		996		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, NV

DATE: 1983 MAY 25

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	26.550	66.0	46.0	17	0	0	Sc	100												0	8	.005			00-01
01 50	26.540	62.8	45.1	21	1															1					01-02
02 50	26.530	64.4	44.9	17	2															2					02-03
03 48	26.540	65.1	45.7	18	3	3	Ac	120												3	5	.010			03-04
04 46	26.545	60.8	43.9	22	3															3					04-05
05 46	26.555	67.7	47.7	19	3															3					05-06
06 49	26.555	75.9	51.8	16	2	2	Ac	120												2	1	.015			06-07
07 49	26.560	82.1	53.6	16	1															1					07-08
08 50	26.565	85.7	56.8	14	0															0					08-09
09 49	26.550	88.9	57.0	11	0	0	Cu	100	0	Ac	130	0								0	8	.005			09-10
10 47	26.540	93.0	57.9	8	2															2					10-11
11 46	26.530	92.6	57.6	8	4															4					11-12
12 48	26.510	93.8	58.1	8	3	3	Cu	130												3	8	.040			12-13
13 48	26.490	97.1	58.9	7	5															5					13-14
14 51	26.470	93.9	57.8	8	5															5					14-15
15 50	26.450	93.2	57.9	8	4	4	Sc	130												4	7	.060			15-16
16 50	26.440	94.4	58.5	8	3															3					16-17
17 50	26.450	94.2	58.2	8	2															2					17-18
18 50	26.450	88.2	56.8	11	2	2	Sc	130												2	5	.000			18-19
19 50	26.460	81.3	52.4	10	2															2					19-20
20 45	26.475	78.4	51.5	12	2															2					20-21
21 50	26.485	83.2	54.6	12	4	4	Ac	160												3	2	.035			21-22
22 50	26.495	76.3	51.9	16	5															4					22-23
23 50	26.500	75.0	52.8	18	0															0					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 0343	X	0	0	X	70	62	X	X						X		
	0343	1	0	0	0	72	62		0								
	0944	2	0	0	0	91	61		0								
	1546	3	0	0	0	99	89		0								
	2146	4	0	0	0	95	76		0								
	MID.	X	0	0	0	83	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.550	26.450	26.485
BAROGRAPH 64	26.525	26.530	26.450	26.465
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 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
99	61	0	0	0	14	SW	1340					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: 0352P ±3 Sec./ 2305P ±3 Sec./ ± Sec.

* BAROGRAPH CHANGED AND RESET TO ZERO CORR.

0949P/APP 802 / 1300P

R/S = 0

S/P = 0

MF1-10A
(1-82)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1983 MAY 25

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			101	66	20	00	00		995	302 1400	WRG
SA	0150	100 SCT	20			097	63	23	00	00		994		WRG
SA	0250	100 SCT	20			094	64	18	12	04		993		WRG
SA	0348	120 SCT	20			097	65	21	11	02		994	503 1050 62 RADAT 40134	MR
SA	0446	120 SCT	20			101	61	22	35	03		995		MR
SA	0546	120 SCT	20			103	68	24	25	04		996		MR
SA	0649	120 SCT	20			101	76	27	03	06		996	105 1070	MR
SA	0749	130 SCT	20			104	82	32	03	08		996		MR
SA	0850	CLR	20			106	86	31	02	07		997	FEW AC	MR
SA	0949	CLR	20			102	89	27	10	04		995	802 1270 61	MR
SA	1047	120 SCT	20			095	93	24	06	06		994		MR
SA	1146	120 SCT	20			093	93	24	28	02		993		MR
SA	1248	130 SCT	20			087	94	24	02	08		991	814 1100	MR
SA	1348	130 SCT	20			078	97	22	22	11		988		MR
SA	1451	130 SCT	20			072	94	22	09	05		986		MR
SA	1550	130 SCT	20			064	93	24	08	10		984	720 1400 99 RADAT 40140	WRG
SA	1650	130 SCT	20			062	94	25	11	07		983		WRG
SA	1750	130 SCT	20			063	94	23	00	08		984		WRG
SA	1850	130 SCT	20			062	88	28	34	05		984	500 1400	WRG
SA	1950	130 SCT	20			065	81	19	00	00		985		WRG
SA	2045	130 SCT	20			071	78	21	10	07		987		WRG
SA	2150	160 SCT	20			072	83	26	01	07		988	212 1030 99	WRG
SA	2250	160 SCT	20			079	76	26	00	00		989		WRG
SA	2350	CLR	20			078	75	29	02	05		990	FEW AC N	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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 MAY 26

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	26.485	69.9	50.2	23	0															0					00-01
01 50	26.490	71.0	51.0	23	0															0					01-02
02 50	26.490	68.4	49.1	22	0															0					02-03
03 48	26.505	69.9	49.5	20	1	1	Ac	130												0	3	.020			03-04
04 49	26.525	65.5	48.3	26	9															4					04-05
05 48	26.530	68.0	49.4	24	9															2					05-06
06 47	26.540	74.1	52.0	20	10	0	Ac	120	10	Ci	300	10								3	1	.035			06-07
07 47	26.545	82.0	55.1	15	10															3					07-08
08 47	26.545	86.7	55.9	11	10															3					08-09
09 48	26.530	91.1	57.1	9	10	1	Ac	130	10	Ci	300	10								2	8	.010			09-10
10 48	26.525	92.8	58.2	9	10															4					10-11
11 48	26.510	93.5	57.6	8	8															3					11-12
12 47	26.500	96.0	58.6	7	7	4	Cu	130	3	Ci	300	7								4	8	.030			12-13
13 47	26.490	96.1	58.9	7	6															6					13-14
14 51	26.470	96.2	59.6	9	6															6					14-15
15 50	26.465	94.8	59.8	10	6	6	Cu	120												6	7	.035			15-16
16 48	26.460	92.1	59.6	12	5															5					16-17
17 50	26.460	91.7	59.4	12	5															5					17-18
18 46	26.470	88.8	58.0	13	4	4	Cu	120												4	3	.005			18-19
19 51	26.485	80.6	55.1	18	1															1					19-20
20 49	26.500	78.5	54.8	20	1															1					20-21
21 51	26.510	78.2	53.4	17	2	2	Cu	120												2	2	.040			21-22
22 50	26.525	77.7	53.7	18	1															1					22-23
23 48	26.525	73.2	51.1	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 0343	X	0	0	X	75	67	X	X						X		
	0343	1	0	0	0	83	67		0								
	0943	2	0	0	0	92	65		0								
	1542	3	0	0	0	98	91		0								
	2143	4	0	0	0	95	78		0								
	MID.	X	0	0	0	78	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0317	0947	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.505	26.530	26.465	26.510
BAROGRAPH 64	26.485	26.520	26.455	26.490
BAR. CORR. 65	+.020	+.010	+.010	+.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
98	65	0	0	0	24	SW	1250					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 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0431 ±3 Sec./ 1547 ±3 Sec./ ± Sec.

0449/0646/BKN

2250/2250

RS/CD

SP/CD

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) 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: 1983 MAY 26

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			074	70	30	09	06		988	OCC	WRC
SA	0150	CLR	20			075	71	31	00	00		988	FEW AC SW	WRC
SA	0250	CLR	20			078	68	29	11	06		988	FEW AC SW	WRC
SA	0348	130 SCT	20			082	70	28	09	04		990	307 1050 67 RADAT 40138	MR
SA	0449	120 SCT 300-OVC BKN	20			092	66	30	05	02		992		MR
SA	0548	120 SCT 300-BKN	20			093	68	30	00	00		993		MR
SA	0647	300-OVC	20			096	74	30	30	03		994	112 1072	MR
SA	0747	300-OVC	20			098	82	30	31	02		995	FEW AC	MR
SA	0847	130 SCT 300-OVC	20			097	87	26	30	03		995		MR
SA	0948	130 SCT 300-OVC	20			087	91	24	25	04		993	803 1071 65	MR
SA	1048	130 SCT 300-OVC	20			087	93	26	21	10		992		MR
SA	1148	130 SCT 300-BKN	20			081	94	22	24	11	G19	991		MR
SA	1247	130 SCT 300-BKN	20			079	96	22	20	06	G17	990	810 1101	MR
SA	1347	E130 BKN	20			075	96	24	22	08	G17	988		MR
SA	1451	E130 BKN	20			068	96	27	24	10	G23	986		MR
SA	1550	E120 BKN	20			066	95	30	23	07		986	712 1100 98 RADAT 50141	RD
SA	1648	120 SCT	20			067	92	33	22	08		986		RD
SA	1750	120 SCT	20			067	92	33	25	11		986		RD
SA	1846	120 SCT	20			069	89	31	26	08		987	302 1100	RD
SA	1951	120 SCT	20			074	81	33	07	06		988		RD
SA	2049	120 SCT	20			080	79	34	28	03		990		RD
SA	2151	120 SCT	20			081	78	29	36	06		991	214 1100 78	RD
SA	2250	120 SCT	20			086	78	31	02	11		993	3	RD
SA	2348	CLR	20			088	73	30	04	08		993		RD

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 MAY 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	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	26.525	71.4	52.0	25	0															0	1	.015			00-01
01 46	26.520	72.0	53.0	27	0															0					01-02
02 50	26.520	68.8	49.0	21	0															0					02-03
03 49	26.530	69.4	51.0	26	0	0	Ac	130												0	3	.005			03-04
04 52	26.540	67.7	48.7	23	0															0					04-05
05 47	26.555	69.3	50.7	26	0															0					05-06
06 45	26.565	79.1	56.1	22	0	0	Ac	130												0	2	.035			06-07
07 50	26.565	82.0	58.9	25	0															0					07-08
08 53	26.550	87.3	61.0	21	0															0					08-09
09 48	26.550	91.3	61.9	18	0	0	Cu	130												0	6	.015			09-10
10 47	26.545	92.1	61.3	16	0															0					10-11
11 47	26.540	95.3	61.9	13	1															1					11-12
12 45	26.525	96.0	62.3	13	3	3	Cu	120	0	Ci	300	3								3	8	.025			12-13
13 48	26.505	98.0	62.5	12	4															4					13-14
14 51	26.480	97.1	62.7	13	7															7					14-15
15 49	26.480	94.7	61.2	13	7	7	Cu	E120												7	6	.045			15-16
16 48	26.490	94.4	61.0	13	6															6					16-17
17 47	26.495	93.0	60.3	13	5															5					17-18
18 49	26.490	90.8	59.8	14	5	5	Cu	120												5	3	.010			18-19
19 47	26.565	86.1	58.3	17	3															3					19-20
20 47	26.520	86.0	57.6	16	5															5					20-21
21 46	26.540	85.9	58.1	17	5	5	Cu	120												5	2	.050			21-22
22 46	26.545	81.7	56.4	19	4															4					22-23
23 46	26.555	81.0	56.0	19	2															2					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 0343	X	0	0	X	73	68	X	X						X		
	0343	1	0	0	0	78	68		0								
	0943	2	0	0	0	93	67		0								
	1543	3	0	0	0	100	91		0								
	2142	4	0	0	0	95	83		0								
	MID.	X	0	0	0	86	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.530	26.480	26.540
BAROGRAPH 64	26.505	26.530	26.470	26.520
BAR. CORR. 65	+.025	+.020	+.010	+.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
100	67	0	0	0	23	SE	1247					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: 1622P ±4 Sec.1 1958P ±4 Sec.1 ± ____ Sec.

~~1245/1345~~ 1348/1348

1245/1101/1345

S2/0

R5/0

SUPERSEDES MF1-10B (2-70) 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: 1983 MAY 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 (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			087	71	34	36	04		993	105	RD
SA	0146	CLR	20			086	72	36	09	09		992		RD
SA	0250	CLR	20			086	69	28	13	06		992		RD
SA	0349	CLR	20			092	69	33	01	05		993	302 1050 6E RADAT 43137	MR
SA	0452	CLR	20			097	68	28	08	04		994	AC NE	MR
SA	0547	CLR	20			102	69	33	02	02		996	AC N-NE	MR
SA	0645	CLR	20			104	79	37	06	05		997	212 1070	MR
SA	0750	CLR	20			105	82	42	03	10		997		MR
SA	0853	CLR	20			098	87	43	13	03		995	CU OMTNS SE	MR
SA	0948	CLR	20			096	91	42	35	02		995	605 1100 67	MR
SA	1047	CLR	20			094	92	39	30	04		995	TCU N	MR
SA	1147	120 SCT	20			094	95	37	08	07		994	CB NE	MR
SA	1245	120 SCT 300 SCT	20			088	96	38	10	06		992	808 1100	MR
SA	1348	120 SCT 160 SCT	20			079	98	38	25	05		990		MR
SA	1451	E120 BKN 160 BKN	20			072	97	38	13	10		987		MR
SA	1549	E120 BKN	20			073	95	36	36	03		988	615 1100 CO RADAT 56143	RD
SA	1648	E120 BKN	20			069	94	35	32	08		989		RD
SA	1749	120 SCT	20			072	93	35	34	03		987		RD
SA	1849	120 SCT	20			074	91	36	17	07		989	303 1100	RD
SA	1947	120 SCT	20			080	86	36	07	07		991		RD
SA	2049	120 SCT	20			083	86	34	06	12		992		RD
SA	2146	120 SCT	20			089	86	36	06	06		994	217 1100 CO	RD
SA	2246	120 SCT	20			092	82	35	03	09		995		RD
SA	2346	120 SCT	20			095	81	35	06	07		996		RD

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

FM12-VII: IIiii $i_R i_x h VV$ 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

STATION: WSMO. DESERT ROCK NV

DATE: 1983 MAY 28

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

SURFACE WEATHER OBSERVATIONS

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	26.560	76.8	55.6	25	0	0	Ac	120												0	2	.020			00-01
01 49	26.565	77.0	55.0	23	0															0					01-02
02 50	26.565	76.0	54.6	24	0															0					02-03
03 47	26.585	73.6	53.5	25	0															0	3	.025			03-04
04 48	26.590	75.7	54.5	24	1															0					04-05
05 47	26.605	78.1	56.0	24	9															2					05-06
06 46	26.620	80.9	56.9	21	3	3	Ci	300												2	3	.035			06-07
07 47	26.625	85.0	59.0	20	3															2					07-08
08 49	26.620	89.1	60.6	18	9		-													4					08-09
09 48	26.620	92.4	62.1	17	10	0	Cu	120	10	Ci	300	10								4	0	.000			09-10
10 46	26.610	94.2	62.2	15	10															4					10-11
11 47	26.590	95.8	61.2	12	10															6					11-12
12 47	26.580	98.0	62.1	11	10	1	Cu	130	10	Ci	E300	10								8	7	.040			12-13
13 47	26.565	98.7	62.2	11	10															8					13-14
14 50	26.540	98.8	62.0	10	10															4					14-15
15 50	26.530	97.0	60.2	9	8	3	Cu	120	5	Cs	300	8								4	7	.050			15-16
16 48	26.525	96.8	60.0	9	7															7					16-17
17 49	26.515	96.4	59.8	9	4															3					17-18
18 49	26.530	91.0	58.0	11	2	0	Cu	120	2	Cs	300	2								2	5	.000			18-19
19 47	26.530	82.8	54.9	14	2															2					19-20
20 46	26.540	77.4	52.6	16	2															2					20-21
21 50	26.535	78.8	54.0	17	4	4	Cs	300												2	0	.005			21-22
22 50	26.535	77.0	53.2	18	6															2					22-23
23 46	26.535	75.9	53.0	19	6															2					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	81	71	X	X						X		
	0342	1	0	0	0	86	71		0								
	0943	2	0	0	0	93	72		0								
	1543	3	0	0	0	102	92		0								
	2142	4	0	0	0	97	76		0								
	MID.	X	0	0	0	99	95	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.585	26.620	26.530	26.535
BAROGRAPH 64	26.560	26.595	26.520	26.525
BAR. CORR. 65	+.025	+.025	+.010	+.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
102	71	0	0	0	17	NW	1506					7	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: 0450P ±4 Sec. / 1902P ±4 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 MAY 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 (100-36) (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			097	77	38	04	13		997	207 1030	RD
SA	0140	CLR	20			099	77	36	07	09		997		RD
SA	0250	CLR	20			100	76	36	24	03		997		RD
SA	0347	CLR	20			111	74	36	03	08		999	308 71 RADAT 54139	MR
SA	0448	300 - SCT	20			111	76	36	03	11		999		MR
SA	0547	300 - BKN	20			117	78	38	04	10		001		MR
SA	0646	300 SCT	20			122	81	38	03	12		003	312 1002	MR
SA	0747	300 SCT	20			124	85	39	02	11		003		MR
SA	0849	300 - BKN	20			120	89	40	02	10		003		MR
SA	0948	300 - OVC	20			119	92	41	03	06		003	000 1104 71	MR
SA	1046	300 - OVC	20			116	94	40	31	03		002	CU SE AND NW	MR
SA	1147	130 SCT E300 OVC	20			108	96	34	12	06		999		MR
SA	1247	130 SCT E 300 OVC	20			105	98	35	19	05		998	714 1104	MR
SA	1347	130 SCT E 300 OVC	20			099	99	34	26	08		997		MR
SA	1450	130 SCT 300 - OVC	20			090	99	33	30	07		994		MR
SA	1550	120 SCT 300 - BKN	20			088	97	28	04	04		993	717 1108 02 RADAT 52148	RD
SA	1648	120 SCT E300 BKN	20			085	97	28	23	10		993		RD
SA	1749	120 SCT 300 SCT	20			081	96	28	22	07		992		RD
SA	1849	300 SCT	20			089	91	28	24	05		993	500 1108	RD
SA	1947	300 SCT	20			091	83	28	04	05		993		RD
SA	2046	300 SCT	20			094	77	28	10	06		994		RD
SA	2150	300 - SCT	20			090	79	30	25	06		994	002 1008 02	RD
SA	2250	300 - BKN	20			090	77	30	04	07		994		RD
SA	2346	300 - BKN	20			090	76	31	02	10		994		RD

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 MAY 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	26.530	76.1	53.3	20	8	1	Ac	120	7	Cs	250	8								2	8	.005			00-01
01 48	26.520	77.0	53.7	19	10															2					01-02
02 50	26.525	74.4	53.0	22	10															2					02-03
03 52	26.530	75.7	53.2	20	10	10	Cs	E250												6	5	.000			03-04
04 51	26.530	74.4	52.8	22	10															6					04-05
05 46	26.540	73.9	53.7	25	10															7					05-06
06 48	26.550	76.0	54.3	23	10	10	Cs	E250												7	3	.020			06-07
07 48	26.550	82.8	57.0	19	10															10					07-08
08 51	26.540	88.6	58.0	13	10															8					08-09
09 51	26.540	92.0	59.0	11	8	1	Ac	140	8	Cs	E250	8								5	6	.010			09-10
10 53	26.520	96.7	57.0	4	5															4					10-11
11 47	26.520	95.6	56.0	3	4															3					11-12
12 58	26.500	97.9	56.0	2	2	2	Ac	160												2	7	.010			12-13
13 52	26.470	97.0	58.6	3	1															1					13-14
14 50	26.450	97.6	58.0	5	0															0					14-15
15 46	26.420	97.8	58.2	5	0	0	Ac	160	0	Ci	250	0								0	7	.080			15-16
16 48	26.410	96.0	57.3	5	0															0					16-17
17 49	26.395	93.7	57.3	7	0															0					17-18
18 50	26.390	89.3	55.1	7	0	0	Ac	160	0	Ci	250	0								0	6	.030			18-19
19 48	26.390	87.2	53.9	6	0															0					19-20
20 47	26.400	85.8	53.7	7	0															0					20-21
21 48	26.405	80.3	51.9	10	0															6	3	.015			21-22
22 48	26.430	81.4	51.8	8	0															0					22-23
23 49	26.450	75.0	49.7	12	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	77	74	X	X						X		
	0347	1	0	0	0	79	74		0								
	0948	2	0	0	0	92	74		0								
	1543	3	0	0	0	99	92		0								
	2145	4	0	0	0	98	80		0								
	MID.	X	0	0	0	82	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0951	1545	2147
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.590	26.420	26.405
BAROGRAPH 64	26.520	26.540	26.430	26.410
BAR. CORR. 65	+.010	*0	-.010	-.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
99	74	0	0	0	37	SW	1331					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: 0810P ~~±~~/Sec./ 1709P ±4 Sec./ ± Sec.

0049 / 0049

* BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

SP = 0

RS = 0

MF1-10A (1-82)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 MAY 29

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	120 SCT 250 -SCT BKN	20			087	76	32	01	03		993	802 1038	RD
SA	0148	250 -OVC	20			081	77	32	08	02		992		RD
SA	0250	250 -OVC	20			086	74	33	01	07		993		RD
SA	0352	E250 OVC	20			088	76	32	03	10		993	500 1007 74 RADAT 47143	CG
SA	0451	E250 OVC	20			088	74	33	03	08		993		CG
SA	0546	E250 OVC	20			092	74	36	18	03		994		CG
SA	0648	E250 OVC	20			098	76	35	12	04		995	307 1007	CG
SA	0748	140 SCT E250 OVC	20			098	83	36	27	02		995		CG
SA	0851	140 SCT E250 OVC	20			094	89	32	27	03		994		CG
SA	0951	140 SCT E250 BKN	20			092	92	31	24	11		994	603 1078 74	CG
SA	1053	250 SCT	20			082	97	10	18	17		992		CG
SA	1147	250 SCT	20			085	96	4	20	18	G27	992		CG
SA	1256	160 SCT	20			075	98	-8	21	15	G24	990	714 1070	CG
SA	1352	160 SCT	20			064	97	5	19	17		986		CG
SA	1450	CLR	20			058	98	15	17	18		984	PK WND 2237/31	CG
SA	1546	CLR	20			045	98	16	23	15	G24	981	727 1072 99 RADAT 22156	JD
SA	1648	CLR	20			043	96	14	23	19	G30	980		JD
SA	1749	CLR	20			039	94	20	22	14	G23	979		JD
SA	1850	CLR	20			038	89	16	23	14		978	610 1071	JD
SA	1948	CLR	20			035	87	14	25	10		978		JD
SA	2047	CLR	20			037	86	16	22	14		979		JD
SA	2148	CLR	20			041	80	19	35	04		980	305 99	JD
SA	2248	CLR	20			047	81	15	34	10		982		JD
SA	2349	CLR	20			058	75	19	02	03		984		JD

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: 1983 MAY 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 49	26.440	75.4	50.9	14	0															0	0	.035			00-01
01 47	26.435	75.6	50.6	13	0															0					01-02
02 50	26.440	71.4	47.9	13	0															0					02-03
03 51	26.440	68.0	48.0	20	0															0	4	.000			03-04
04 51	26.450	66.4	45.8	18	0															0					04-05
05 49	26.440	72.3	50.5	19	0															0					05-06
06 49	26.440	75.6	51.3	15	0															0	0	.000			06-07
07 51	26.440	77.6	53.3	14	0															0					07-08
08 51	26.420	83.5	58.2	16	0															0					08-09
09 51	26.410	86.3	59.1	18	0															0	8	.030			09-10
10 49	26.400	89.6	60.4	17	0															0					10-11
11 45	26.370	92.0	60.4	14	0															0					11-12
12 49	26.340	92.5	60.4	13	0															0	8	.070			12-13
13 48	26.320	95.8	59.7	9	0															0					13-14
14 50	26.300	96.7	61.0	10	0															0					14-15
15 47	26.280	95.4	61.0	12	0	0	Cu	110												0	7	.060			15-16
16 48	26.255	94.8	61.7	13	0															0					16-17
17 48	26.250	92.9	60.0	12	0															0					17-18
18 47	26.250	89.0	58.1	13	0															0	6	.030			18-19
19 49	26.250	84.3	56.2	15	0															0					19-20
20 49	26.255	78.5	53.8	17	0															0					20-21
21 48	26.240	77.7	53.4	17	0															0	8	.010			21-22
22 47	26.235	81.0	54.9	16	0															0					22-23
23 48	26.220	80.3	54.5	16	0															0					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 0346		0	0		76	68										
	0346	1	0	0	0	82	68		0								
	0947	2	0	0	0	86	63		0								
	1543	3	0	0	0	97	86		0								
	2145	4	0	0	0	95	78		0								
	MID.		0	0	0	81	77										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.440	26.280	26.240
BAROGRAPH 64	26.440	26.420	26.290	26.250
BAR. CORR. 65	0	-.010	-.010	-.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.)	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	63	0	0	0	30	SW	1453					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: 0715P ±4 Sec./ 1711P ±4 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: 1983 MAY 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)	OBSERVERS INITIALS (15)
SA	0049	CLR	20			053	75	24	09	03		983	012	JD
SA	0147	CLR	20			052	76	22	35	07		983		JD
SA	0250	CLR	20			055	71	17	09	02		983		JD
SA	0351	CLR	20			056	68	25	24	06		983	400 68 RADAT 20154	CL
SA	0451	CLR	20			063	65	21	04	07		984		CL
SA	0549	CLR	20			057	72	28	04	06		983		CL
SA	0649	CLR	20			057	76	25	21	05		983	000	CL
SA	0751	CLR	20			056	80	27	14	02		983		CL
SA	0851	CLR	20			048	84	32	24	04		981		CL
SA	0951	CLR	20			045	86	38	36	06		980	810 63	CL
SA	1049	CLR	20			039	90	39	34	12		979		CL
SA	1145	CLR	20			029	92	36	29	08		975		CL
SA	1249	CLR	20			018	93	35	23	07		972	824	CL
SA	1348	CLR	20			008	96	28	32	09		970		CL
SA	1450	CLR	20			003	97	32	31	10		968		CL
SA	1547	CLR	20			997	95	34	24	04		965	220 1100 97 RADAT 20155	JD
SA	1648	CLR	20			990	95	37	25	11		963		JD
SA	1748	CLR	20			984	93	33	22	10		962		JD
SA	1847	CLR	20			984	84	32	23	07		962	610	JD
SA	1949	CLR	20			985	84	31	28	03		962		JD
SA	2049	CLR	20			988	79	30	05	05		963		JD
SA	2148	CLR	20			981	78	30	01	04		961	803 97	JD
SA	2247	CLR	20			976	81	31	30	03		961		JD
SA	2348	CLR	20			970	80	30	22	05		959		JD

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

FM12-VII: IIiii $i_R i_x h$VV 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 MAY 31

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	26.210	73.6	51.5	19	1	1	Ci	250												0	6	.030			00-01
01 48	26.210	71.2	50.9	22	7															0					01-02
02 50	26.200	68.8	50.4	26	7															0					02-03
03 49	26.200	68.4	52.0	32	4	4	Cs	250												1	6	.010			03-04
04 53	26.200	68.5	50.0	25	5															1					04-05
05 47	26.210	70.7	51.2	24	10															2					05-06
06 47	26.220	73.3	52.0	21	10	10	Cs	250												3	3	.020			06-07
07 48	26.220	74.8	52.7	21	10															2					07-08
08 48	26.220	78.0	54.0	18	10															2					08-09
09 49	26.200	81.1	55.8	18	10	10	Cs	250												1	8	.020			09-10
10 49	26.190	83.8	55.6	14	10															1					10-11
11 50	26.180	84.9	57.0	16	10															1					11-12
12 51	26.170	86.5	58.0	17	4	4	Cs	250												0	7	.030			12-13
13 49	26.160	87.2	59.0	17	0															0					13-14
14 50	26.140	86.9	58.6	17	0															0					14-15
15 49	26.120	88.2	58.0	14	0	0	Cs	250												0	7	.050			15-16
16 47	26.095	87.6	58.0	14	0															0					16-17
17 48	26.100	85.3	56.9	15	0															0					17-18
18 49	26.115	81.1	55.7	18	0															0	5	.005			18-19
19 49	26.115	77.9	54.7	20	0															0					19-20
20 47	26.110	76.2	53.6	20	0															0					20-21
21 48	26.120	72.6	52.5	24	0															0	3	.005			21-22
22 49	26.150	69.2	51.4	28	0															0					22-23
23 48	26.180	64.5	50.1	36	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	80	68	X	X						X		
	0345	1	0	0	0	81	68		0								
	0945	2	0	0	0	81	67		0								
	1544	3	0	0	0	89	81		0								
	2145	4	0	0	0	88	73		0								
	MID.	X	0	0	0	73	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	247
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.200	26.200	26.120	26.120
BAROGRAPH 64	26.200	26.200	26.120	26.110
BAR. CORR. 65	±0	±0	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
89	65	0	0	0	31	5	1453					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: 0553P ±3 Sec./ 1659P ±3 Sec./ ± Sec.

SP = 0

RG = 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: 1983 MAY 31

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)	OBSERVER'S INITIALS (15)
SA	0049	250 -SCT	20			969	74	29	02	05		958	610 1005	JD
SA	0148	250 -BKN	20			968	71	31	04	07		958		JD
SA	0250	250 -BKN	20			965	69	32	30	08		957		JD
SA	0349	250 - SCT	20			966	68	38	27	05		957	603 1008 68 RADAT 20146	CG
SA	0453	250 - SCT	20			966	69	31	04	05		957		CG
SA	0547	250 - OVC	20			970	71	32	31	04		958		CG
SA	0647	250 - OVC	20			975	73	31	27	15		959	307 1007	CG
SA	0748	250 - OVC	20			976	75	32	22	15		959		CG
SA	0848	250 - OVC	20			977	78	32	23	15		959		CG
SA	0949	250 - OVC	20			968	81	33	23	16		957	807 1007 67	CG
SA	1049	250 - OVC	20			962	84	29	23	M	G24	956		CG
SA	1150	250 - OVC	20			957	85	33	21	16	G26	954		CG
SA	1251	250 - SCT	20			957	87	37	23	18	G28	953	710 1008	CG
SA	1349	CLR	20			954	87	37	21	M	G23	952		CG
SA	1450	CLR	20			947	87	36	18	15	G24	950		CG
SA	1549	CLR	20			939	88	32	18	17		948	717 1008 89 RADAT 20151	JD
SA	1647	CLR	20			930	88	33	17	20	G27	946		JD
SA	1748	CLR	20			932	85	32	18	17	G28	946		JD
SA	1849	CLR	20			938	81	33	20	17	G24	948	502	JD
SA	1949	CLR	20			938	78	34	20	10	G20	948		JD
SA	2047	CLR	20			936	76	33	25	12		947		JD
SA	2148	CLR	20			940	73	34	25	11	G21	948	302 89	JD
SA	2249	CLR	20			952	69	35	33	05	G13	951		JD
SA	2348	CLR	20			966	65	37	28	07		954		JD

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