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: 1982

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 0400	WIND AVERAGE SPEED (knots)	FASTEST MILE ~~SPEED (m.p.h.)~~ Peak Speed SPEED (knots)	DIRECTION	~~SUNSHINE~~ TOTAL ~~(Min.)~~ Ave. Stn. Pressure	~~PERCENT OF POSSIBLE~~	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity % 0400	1000	1600	2200
1	85	59	72			7				9.5	30	S	26.5	08	10		35	22	20	31
2	70	58	64		1		.07			8.7	24	SE	26.5	84	10	RW	42	73	85	81
3	75	55	65				T			9.2	19	N	26.5	80	8	RW	77	57	40	50
4	72	52	62		3		.38			6.8	27	SW	26.5	64	6	T, RW	62	37	79	94
5	76	48	62		3					7.0	20	NE	26.6	65	2		88	24	14	29
6	80	52	66			1				6.8	25	NE	26.6	91	1		23	16	13	29
7	85	51	68			3				7.6	33	S	26.4	95	3		49	19	13	26
8	79	57	68			3				13.0	34	SW	26.2	84	8		27	30	19	28
9	65	44	55		10		.09			10.7	43	NE	26.3	60	8	R, RW	53	88	29	75
10	61	43	52		13		.02			8.0	28	NE	26.4	50	4	R, RW	73	46	24	43
11	62	46	54		11		T			8.3	31	NW	26.4	59	8	RW	45	29	35	46
12	74	45	60		5					7.3	24	E	26.5	08	2		51	34	15	32
13	80	54	67			2				6.4	19	NE	26.5	70	4		37	25	13	20
14	77	55	66			1				8.4	28	S	26.4	88	10		39	22	18	29
15	80	55	68			3				9.9	22	NE	26.5	25	4		45	29	22	35
16	83	59	71			6				7.9	24	SW	26.5	79	0		45	25	14	23
17	86	55	71			6				10.6	37	S	26.4	49	9		32	16	16	25
18	78	59	69			4				15.2	38	S	26.3	56	7		28	24	25	44
19	79	51	65							8.3	33	NE	26.5	48	0		49	29	12	18
20	85	59	72			7				8.3	18	W	26.5	93	2		25	16	11	18
21	88	55	72			7				6.1	15	SW	26.5	09	10		29	13	11	22
22	90	57	74			9				6.5	12	NE	26.4	71	1		28	15	10	18
23	91	67	79			14				11.3	36	NW	26.5	34	2		35	20	12	16
24	90	68	79			14				9.7	22	NE	26.5	13	5		30	17	11	15
25	91	66	79			14				7.1	24	E	26.4	29	0		21	16	12	16
26	92	66	79			14				11.5	30	SW	26.3	33	2		27	16	11	22
27	84	61	73			8				13.8	39	S	26.3	13	2		39	22	20	21
28	78	57	68			3				10.6	27	NE	26.4	54	2		16	13	10	18
29	80	60	70			5				11.2	25	SW	26.3	75	0		44	26	15	27
30	84	53	69			4				6.5	23	SW	26.4	89	0		44	18	13	22
31	85	59	72			7				12.9	37	S	26.4	20	0		26	14	10	20
SUM	2485	1726	—	—	46	142	.56	0	—	285.5	—	—	821.0	96	130	—	1274	851	652	993
AVG	80.2	55.7	—	—	—	—	—	—	—	9.2	FASTEST	DIRECTION	~~POSSIBLE~~	—		—	41.1	27.5	21.0	32.0
										MISC. →	43	NE	26.4	87	4.2	—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 67.9

DEPARTURE FROM NORMAL —

HIGHEST 92 ON 26

LOWEST 43 ON 10

NUMBER OF DAYS WITH --

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 5

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 46

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 3054

DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 142

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 156

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .56 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HRS.~~ Daily .38 ON 4

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST ~~IN 24 HRS.~~ Daily 0 ON —

GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS --

CLEAR (Scale 0-3) 16

PARTLY CLOUDY (Scale 4-7) 6

CLOUDY (Scale 8-10) 9

WITH 0.01 INCH OR MORE PRECIP. 4

WITH 0.10 INCH OR MORE PRECIP. 1

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

R = RAIN
RW = RAINSHOWER
T = THUNDER

MAXIMUM PRECIPITATION

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

Station Pressure

HIGHEST ~~SEA LEVEL~~ 26.790 IN. ON 6

LOWEST ~~SEA LEVEL~~ 26.190 IN. ON 8

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

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

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 01

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

TYPE (1.)	TIME LST (2.)	SKY AND CEILING (3.)	VISIBILITY (Miles) SURFACE (4.)	VISIBILITY (Miles) TOWER (4a.)	WEATHER AND OBSTRUCTIONS TO VISION (5.)	SEA LEVEL PRESS. (Mb.) (6.)	TEMP. °F (7.)	DEW PT. °F (8.)	WIND DIRECTION (100-36) (9.)	WIND SPEED (Kts.) (10.)	WIND CHARACTER (11.)	ALTIMETER SETTING (Inches) (12.)	REMARKS AND SUPPLEMENTAL CODED DATA (13.)	OBSERVERS INITIALS (14.)
SP	0049	CLR	20			086	70	37	18	15		990	000	SH
SA	0146	CLR	20			092	66	36	18	08		991		SH
SA	0245	CLR	20			098	63	35	08	02		992		SH
SA	0348	CLR	20			099	64	35	09	04		992	108 63 RADAT 59115	MR
SA	0445	250 - OVC	20			101	61	36	10	08		992		MR
SA	0545	250 - OVC	20			105	62	37	08	04		993		MR
SA	0641	250 - OVC	20			111	65	38	25	02		995	308 1001	MR
SA	0746	250 - OVC	20			116	71	38	25	03		996		MR
SA	0846	250 - OVC	20			115	74	37	26	05		997	ACCAS OMTNS SE	MR
SA	0946	250 - OVC	20			109	76	35	32	04		996	ACCAS OMTNS S/ 002	MR
/													1181 59	/
SA	1044	80 SCT 110 SCT E250 OVC	20			105	80	33	18	18	G25	995	ACSL NW	MR
SA	1147	90 SCT E250 OVC	20			094	82	35	19	18	G29	992	TCU RWU NE	MR
SA	1246	90 SCT E250 OVC	20			090	82	36	19	19	G25	991	TCU DSNT NE 715 1202	MR
SA	1345	90 SCT E250 OVC	20			080	84	36	18	17	G24	987	TCU RWU NE	MR
SA	1450	90 SCT E250 OVC	20			076	83	37	19	14	G24	986	TCU NE-SE VIRGA SE	MR
SA	1547	90 SCT E250 OVC	20			074	85	38	21	16	G24	985	717 1207 85	SH
/													RADAT 68121	/
SA	1647	90 SCT 250 - OVC	20			071	84	40	23	13		984	TCU VIRGA NE	SH
SA	1746	250 - OVC	20			073	79	39	20	14		984	FEW CU	SH
SA	1845	E250 OVC	20			077	76	39	21	07		985	500 1107	SH
SA	1946	E250 OVC	20			078	74	39	21	09		986		SH
SA	2045	E250 OVC	20			081	73	39	20	12		987		SH
SA	2146	E250 OVC	20			085	72	40	11	05		988	210 1107 85	SH
SA	2245	E250 OVC	20			090	71	39	13	08		991		SH
SA	2345	E250 OVC	20			093	70	39	23	04		992		SH

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ f_dT_{dapp} $5P_0P_0P_0P_0$ $7RRR_{ts}$ $8N_sC_sh_s$ $9S_0S_0S_0S_0$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4i_sT_sT_nT_n$

U S GPO 1980-0-665-115-1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 01

To convert LST to GMT ADD 8 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	26.500	70.0	52.5	30	0															0	0	.000			00-01
01 46	26.510	65.7	50.3	33	0															0					01-02
02 45	26.520	63.3	49.0	35	0															0					02-03
03 48	26.525	63.6	49.2	35	0															0	1	.025			03-04
04 45	26.525	61.4	48.5	39	10															1					04-05
05 45	26.535	61.8	48.8	39	10															1					05-06
06 47	26.550	64.5	50.6	38	10	10	Ci	250												1	3	.025			06-07
07 46	26.560	70.5	53.1	31	10															3					07-08
08 46	26.565	73.5	53.9	27	10															3					08-09
09 46	26.555	76.1	54.2	22	10	0	Cu	80	0	ACCAS	110	0	10	Ci	250	10				3	0	.005			09-10
10 44	26.545	79.8	55.0	18	10															6					10-11
11 47	26.520	82.0	56.4	18	10															8					11-12
12 46	26.510	84.9	56.6	19	10	2	Cu	90	8	Ci	E250	10								8	7	.045			12-13
13 45	26.480	83.6	57.3	18	10															7					13-14
14 50	26.465	83.0	57.4	19	10															6					14-15
15 47	26.460	82.6	57.7	20	10	2	Cu	90	8	CS	E250	10								6	7	.050			15-16
16 47	26.450	81.6	58.0	23	10															3					16-17
17 46	26.450	79.0	56.5	23	10															5					17-18
18 45	26.460	76.1	55.5	26	10	0	Cu	90	10	CS	E250	10								6	5	.000			18-19
19 46	26.470	74.4	54.8	27	10															6					19-20
20 45	26.480	73.4	54.7	29	10															6					20-21
21 46	26.490	72.2	54.4	31	10	0	Cu	90	10	CS	E250	10								8	2	.030			21-22
22 45	26.510	71.2	53.7	31	10															8					22-23
23 45	26.520	70.1	53.2	32	10															10					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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	70	63	X	X						X		
	0342	1	0	0	0	71	63		0								
	0942	2	0	0	0	79	59		0								
	1543	3	0	0	0	85	76		0								
	2141	4	0	0	0	83	72		0								
	MID.	X	0	0	0	72	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1545	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.535	26.460	26.490
BAROGRAPH 64	26.515	26.530	26.450	26.485
BAR. CORR. 65	+.010	+.005	+.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
85	59	0	0	0	30	5	1419					10	8		

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 -1 SEC 0335P / -1 SEC 1815P

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1982 MAY 0 2

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0046	E 250 OVC	20			~~100~~ 096	65	40	11	05		992	110 1007	SH
SA	0146	E250 OVC	20			095	65	42	14	07		992		SH
SA	0245	E250 OVC	20			100	63	40	30	05		993		SH
SA	0352	80SCT E250BKN	20			104	64	41	31	05		994	307 1208 63	SH
	/												RADAT 93108	/
SA	0447	E80 BKN 250 OVC	20		RW-	~~107~~ 112	64	44	05	05		996	RB43	CG
SA	0551	E80 BKN 250 BKN	20			118	63	48	25	06		997	RE01 RWU SE	CG
SA	0648	E80 BKN 250 BKN	20			126	66	46	15	04		999	RWU SE / 21700 1108	CG
SA	0749	E80 BKN 250 BKN	20		RW-	131	64	51	11	08		001	RB45	CG
SA	0846	E80 BKN 250 BKN	20		RW-	132	63	55	14	09		001		CG
SA	0948	E80 BKN 250 OVC	20		RW-	132	65	56	22	04		001	10304 1208 62	CG
SA	1050	E80 OVC	20			136	65	51	11	14		002	RE04 RWU ALQDS	CG
SA	1150	E80 OVC	20		RW-	138	62	52	10	17		002	RB36	CG
SA	1245	E80 OVC	20		RW-	141	60	54	11	15		002	10300 1211	CG
SA	1345	E80 OVC	20		RW-	141	60	52	12	16		002		CG
SA	1447	E80 OVC	20		RW-	144	58	54	11	13		002		CG
SA	1550	20SCT 80SCT E150 OVC	20			134	58	54	11	13		999	RE07/80803 122/ ~~72~~ 66	EP
/													RADAT 92109	/
SA	1650	80SCT E150 BKN 200 OVC	20			123	60	52	11	16		997		EP
SA	1749	80 SCT E150 BKN 200 BKN	20			126	63	50	13	14		998		EP
SA	1850	100 SCT E180 OVC	20			133	60	53	15	06		000	302 141/	EP
SA	1946	100SCT E160 BKN	20			138	58	~~54~~ 52	11	09		000		EP
SA	2048	100SCT E160BKN	20			144	59	53	01	07		002		EP
SA	2149	100SCT E 160 BKN	20			143	58	52	09	03		002	107 1430 72	EP
SA	2245	60 SCT E100 BKN 160 BKN	20			146	59	52	12	04		003		EP
SA	2348	E80BKN 120 OVC	20			152	58	52	09	04		004		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ f_dT_dapp $6P_oP_oP_oP_n$ $7RRR_{tx}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO 1980-0-000-115-1100

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO. DESERT ROCK, NV
DATE: 1982 MAY 02
To convert LST to GMT ADD 8 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 44	26.520	65.0	51.6	40	10	10	CS	E250												8	1	.030			00-01
01 46	26.520	65.2	52.6	43	10															7					01-02
02 45	26.535	63.3	51.0	43	10															7					02-03
03 52	26.540	64.4	51.7	42	7	4	Cu	60	3	CS	E250	7								7	3	.020			03-04
04 47	26.560	63.9	52.7	48	10															10					04-05
05 51	26.570	62.8	54.2	59	9															8					05-06
06 48	26.590	65.6	54.4	49	9	7	Cu	E80	2	CS	250	9								8	2	.050			06-07
07 49	26.600	63.5	56.2	65	9															8					07-08
08 46	26.600	62.9	58.0	76	9															9					08-09
09 48	26.600	64.9	59.2	73	10	9	Cu	E80	1	CS	250	10								10	1	.010			09-10
10 50	26.610	65.1	56.8	61	10															10					10-11
11 50	26.610	61.9	55.7	69	10															10					11-12
12 45	26.610	60.1	56.5	81	10	10	Cu	E80												10	1	.010			12-13
13 45	26.610	59.6	55.0	76	10															10					13-14
14 47	26.610	57.9	55.6	88	10															10					14-15
15 50	26.585	58.1	55.3	85	10	1	CUFRA	20	2	Cu	80	3	10	AS	E150	10				10	8	.025			15-16
16 50	26.560	60.1	55.1	74	10															7					16-17
17 49	26.570	62.8	55.4	64	8															7					17-18
18 50	26.580	59.7	55.5	78	10	4	SC	100	10	AS	E180	10								8	3	.005			18-19
19 46	26.595	58.1	54.4	80	9															9					19-20
20 48	26.610	58.6	55.1	81	8															7					20-21
21 49	26.610	58.0	54.6	81	9	5	SC	100	4	AC	E160	9								8	1	.020			21-22
22 45	26.620	58.8	54.5	77	9															9					22-23
23 48	26.630	58.4	54.5	79	10															10					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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	70	63	X	X						X		
	0346	1	0	0	0	72	63		0								
	0944	2	.04	0	0	66	62		2								
	1546	3	.03	0	0	65	58		2								
	2144	4	0	0	0	63	58		1								
	MID.	X	0	0	0	59	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0947	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.600	26.585	26.610
BAROGRAPH 64	26.540	26.600	26.585	26.620
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 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	58	.07	0	0	24	SE	1248					9	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0443	0501			
RW-	0745	1004			
RW-	1136	1507			

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: 0923 -1 SEC. 2200 -1 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1101

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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. (Mb.) (6.)	TEMP (°F) (7.)	DEW PT. (°F) (8.)	WIND DIRECTION (10-36) (9.)	WIND SPEED (Kts.) (10.)	WIND CHARACTER (11.)	ALTIMETER SETTING (Inches) (12.)	REMARKS AND SUPPLEMENTAL CODED DATA (13.)	OBSERVER'S INITIALS (14.)
SA	0047	E80 BKN 120 BKN	20		RW-	159	57	54	02	04		004	RB40/0 8500 1230	EP
SA	0150	E80 BKN 1200VC	20			158	56	54	09	06		005	RE02	EP
SA	0250	E80 BKN 120 OVC	20			150	57	53	10	10		003		EP
SA	0350	80 SCT E 120 BKN	20			147	57	50	06	08		002	80500 1230 56 20007	—
													RADAT 95110	RC
SA	0450	60 SCT 120 SCT	20			147	55	51	01	06		002	RWO NW	RC
SA	0550	E 80 BKN 120 BKN	20			152	58	51	13	04		004		RC
SA	0650	80 SCT 120 SCT 250 SCT	20			156	61	51	09	05		005	210 1131	RC
SA	0750	80 SCT 250 - SCT	20			155	65	52	14	08		005		RC
SA	0850	80 SCT 250 - SCT	20			153	67	51	09	11		005		RC
SA	0945	80 SCT E250 BKN	20			154	66	51	03	11		005	400 1204 55	RC
SA	1050	80 SCT E250 BKN	20			148	70	50	04	12		004	CU BLDG OVR MTNS S	RC
SA	1150	80 SCT E250 BKN	20			139	72	50	03	13 G20		002	TCU ALQDS	RC
SA	1250	80 SCT E250 BKN	20			132	72	47	01	12		999	717 1204	RC
SA	1350	80 SCT E250 BKN	20			126	74	47	01	11		996	TCU ALQDS	RC
SA	1450	80 SCT E250 BKN	20			117	73	47	36	10		995		RC
SA	1550	80 SCT E250 BKN	20			108	73	48	01	10		993	~~720~~ TCU E-S/920 120175	EP
													RADAT 60119	
SA	1645	80 SCT E250 OVC	20			106	73	47	02	11		992	TCU SE	EP
SA	1746	80 SCT E250 OVC	20			105	72	46	04	10		992	TCU SE	EP
SA	1847	E250 OVC	20			104	70	46	03	08		992	603 1107	EP
SA	1946	250 - BKN	20			103	68	46	06	07		992		EP
SA	2045	E250 OVC	20			110	68	46	01	07		994		EP
SA	2150	250 - OVC	20			112	66	47	04	14		994	107 1007 75	EP
SA	2247	250 - SCT	20			106	64	47	04	12		993		EP
SA	2347	CLR	20			102	63	48	05	10		992		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT NhCLhCMCH 1gTgppp 6P0P0P0P0 1RKKKys 7SNsCh hs 25p5p5p5p 26R24R24R24 3FwPwMwHw 4dwdwFmHwHw 4TxTxTnTn

U.S.GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 3

To convert LST to GMT ADD 8 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 47	26.625	57.2	55.1	88	9	6	CU	E80	3	AC	120	9								9	0	.015			00-01
01 50	26.640	56.3	54.6	91	10															10					01-02
02 50	26.615	56.6	54.4	87	10															10					02-03
03 50	26.610	57.2	53.0	77	6	4	CU	60	2	AC	E20	6								6	8	.015			03-04
04 50	26.610	58.0	52.9	67	5															4					04-05
05 50	26.630	58.2	54.0	78	6															5					05-06
06 50	26.640	60.9	55.0	70	5	3	CU	80	1	AC	120	4	1	CI	250	5				4	2	.030			06-07
07 50	26.640	65.0	56.8	62	4															2					07-08
08 50	26.640	67.0	57.5	57	5															2					08-09
09 45	26.640	66.3	56.8	57	7	3	CU	80	4	CI	E250	7								6	4	.000			09-10
10 50	26.630	70.0	58.0	50	8															6					10-11
11 50	26.610	72.3	58.8	46	9															7					11-12
12 50	26.590	72.3	57.5	41	9	4	CU	80	5	CI	E250	9								7	7	050			12-13
13 50	26.575	74.1	58.2	39	9															6					13-14
14 50	26.550	73.2	57.8	40	9															6					14-15
15 50	26.530	73.3	58.0	40	9	1	CU	80	8	CI	E250	9								7	7	.060			15-16
16 45	26.520	73.2	57.6	39	10															9					16-17
17 46	26.520	72.1	56.7	39	10															8					17-18
18 47	26.520	70.1	55.9	42	10	0	CU	80	10	CS	E250	10								7	6	.010			18-19
19 46	26.520	67.5	55.1	46	9															4					19-20
20 45	26.540	68.1	55.5	46	10															6					20-21
21 50	26.540	65.7	54.7	50	10	10	CS	250												4	1	.020			21-22
22 47	26.530	64.0	54.2	54	4															1					22-23
23 47	26.520	62.5	54.0	59	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		T	0		58	56										
	0346	1	T	0	0	59	56		1								
	0941	2	0	0	0	69	55		0								
	1545	3	0	0	0	75	66		0								
	2144	4	0	0	0	75	66		0								
	MID.		0	0	0	66	63										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0943	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.640	26.530	26.540
BAROGRAPH 64	26.610	26.640*	26.530	26.540
BAR. CORR. 65	±0	±0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
75	55	T	0	0	19	N	1137					8	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0040	0102			

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: 1155 -1 SEC 2155 -2 SEC

* Barograph Changed

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (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	0046	CLR	20			100	60	47	04	09		991	710	EP
SA	0145	CLR	20			094	61	46	03	07		990		EP
SA	0250	CLR	20			096	59	47	11	05		990		EP
SA	0350	CLR	20			101	58	45	23	04		991	500 58 RADAT 62118	WRG
SA	0450	120 SCT 300 SCT	20			102	56	45	36	03		991	ACCAS SE CC OVHD	WRG
SA	0550	60 SCT E 120 BKN	20			116	58	46	22	09		995	CB, DSNT SW LTC MOUMT	WRG
SA	0650	60 SCT 120 SCT	20			116	64	45	29	05		996	115 1360	WRG
SA	0750	60 SCT	20			119	66	43	23	08		997	CB DSNT SW THRU N LTC MOUMT	WRG
SA	0850	60 SCT 120 SCT 250 SCT	20			118	68	43	29	08		997	CB MOUD W TCU S	WRG
SA	0955	60 SCT 120 SCT 250 SCT	20			119	72	44	21	11		997	103 1362 56	WRG
SA	1050	60 SCT	20			117	72	45	26	07		997	CB ALQ&S RWU SE	WRG
SP	1132	E 60 BKN	20		TRW-				22	18		994	TB 25 RB 28	WRG
SA	1150	E 60 OVC	15		TRW-	118	68	52	17	16		995	T OVHD MOUNW TB25	/
/													RB25 CCNL LEGLG	WRG
RS	1250	E 60 BKN	20			129	61	55	26	11		997	RE30 TE48 CB MOUD NW	/
/													302281900	WRG
SA	1350	E 45 OVC	15		RW-	129	58	54	23	18	G24	997	RB25	WRG
SA	1450	E 40 BKN 120 BKN	20		RW-	143	56	53	23	15	G27	001		WRG
SA	1549	40 SCT E120 BKN 250 BKN	20			135	58	51	00	00		999	RE36/~~86~~0338 1221 72	EP
/													RADAT 96107	/
SA	1648	40 SCT E120 BKN 250 BKN	20			136	58	52	18	06		999	CB RWU NE-SE	EP
SA	1746	40 SCT 120 SCT 250 SCT	20			129	61	54	02	03		998	CB RWU SE	EP
SA	1846	E120 BKN	20			128	59	53	29	05		998	TCU E/603 1230	EP
SA	~~2~~ 1847	120 SCT	20			131	58	54	00	00		999		EP
SA	~~2~~ 2046	CLR	20			137	57	52	24	03		001		EP
SA	~~2~~ 2149	CLR	20			136	55	53	09	03		001	110 1030 72	EP
SA	~~2~~ 2345	CLR	20			137	54	52	08	03		001		EP
SA	2349	80 SCT	20			141	53	50	03	03		001		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: ... NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115 1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 4

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.510	60.3	52.6	61	0															0	7	.030			00-01
01 45	26.500	60.7	52.5	59	0															0					01-02
02 50	26.500	59.0	52.0	64	0															0					02-03
03 50	26.510	58.4	51.0	62	0															0	5	.000			03-04
04 50	26510	56.3	50.2	66	4															3					04-05
05 50	26550	58.0	51.2	64	6															6					05-06
06 50	26555	63.6	52.9	50	3	1	CB	60	2	AC	120	3								3	1	.045			06-07
07 50	26565	66.2	53.2	43	1															1					07-08
08 50	26565	68.4	54.2	40	2															2					08-09
09 45	26565	71.7	55.9	37	4	1	CB	60	2	AC	120	3	1	CI	250	4				3	1	.010			09-10
10 50	26560	72.2	56.4	38	5															5					10-11
11 50	26550	67.7	55.2	57	10															10					11-12
12 50	26570	60.7	57.1	81	9	9	CB	E60												9	3	.005			12-13
13 50	26570	58.2	55.5	85	10															10					13-14
14 50	26600	56.0	54.3	91	9															9					14-15
15 49	26.580	57.8	54.0	79	9	0	CUFRA	20	2	CU	40	2	7	AS	E120	8	2	CI	250	8	0	.010			15-16
16 48	26.580	58.3	54.7	81	9															8					16-17
17 46	26.570	60.9	56.5	77	5															5					17-18
18 46	26.570	64.4	55.6	80	7	0	CUFRA	20	0	CU	40	0	7	AC	E120	7				6	6	.010			18-19
19 47	26.580	57.6	55.7	89	5															5					19-20
20 46	26.600	57.2	53.8	81	0															0					20-21
21 49	26.600	55.0	54.0	94	0	0	AC	120												0	1	.030			21-22
22 45	26.600	53.5	52.5	94	0															0					22-23
23 49	26.600	52.5	51.3	93	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 03TG		0	0		63	53										
	0346	1	0	0	0	66	53		0								
	0941	2	0	0	0	72	56		0								
	1542	3	.38	0	0	72	56		2								
	2144	4	0	0	0	61	55		1								
	MID.		0	0	0	55	52										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0943	1543	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.565	26.580	26.600
BAROGRAPH 64	26.510	26.565	26.575	26.595
BAR. CORR. 65	±0.0	±0.0	+.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 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
72	52	.38	0	0	27	SW	1443					6	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1125	1248			
RW-	1128	1143			
RW	1143	1230			
RW-	1325	1536			

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: 1105 ±1 SEC 2100 ±0 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 5

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0048	CLR	20			141	52	51	00	00		000	803 1030	EP
SA	0145	CLR	20			142	51	49	04	03		000		EP
SA	0250	CLR	20			149	50	49	18	03		001		EP
SA	0348	CLR	20			158	48	48	09	02		004	312 1030 48 20038	/
													RADAT 20111	JD
SA	0448	CLR	20			168	48	48	09	03		006		JD
SA	0547	CLR	20			175	54	42	04	10		009		JD
SA	0648	CLR	20			179	56	36	02	17		011	122 1105	JD
SA	0748	250 -SCT	20			184	59	35	03	13		013		JD
SA	0847	250 -BKN	20			185	62	31	03	10		014		JD
SA	0950	250 -BKN	20			184	66	28	03	09		014	108 1008 48	JD
SA	1047	250 -BKN	20			182	67	24	03	09		013		JD
SA	1148	250 -SCT	20			176	70	21	02	10		012		JD
SA	1247	CLR	20			170	71	20	02	10		010	TCU SE 812 1208	JD
SA	1346	CLR	20			164	73	23	07	07		008	TCU SE	JD
SA	1450	CLR	20			157	75	25	02	02		006		JD
SA	1550	CLR	20			151	75	23	09	05		004	717 1400 96 RADAT 30111	EP
SA	1647	CLR	20			146	76	23	21	05		003		EP
SA	1748	CLR	20			143	75	23	06	05		003		EP
SA	1845	CLR	20			153	69	35	06	05		005	303 1008	EP
SA	1945	CLR	20			162	64	37	05	07		008		EP
SA	2047	CLR	20			167	63	31	05	10		010		EP
SA	2146	CLR	20			170	61	29	06	06		011	117 76	EP
SA	2246	CLR	20			174	58	31	05	08		012		EP
SA	2347	CLR	20			174	59	25	05	09		012		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ t_dT_dapp $5P_0P_0P_0P_0$ $1RRR_ts$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-635-115/1106

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 5

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.590	52.2	51.7	97	0	0	Ac	120												0	8	.010			00-01
01 45	26.590	50.8	50.0	95	0															0					01-02
02 50	26.600	50.0	49.6	98	0															0					02-03
03 48	26.625	48.3	48.0	98	0	0	Ac	120												0	3	.035			03-04
04 48	26.650	48.1	47.8	98	0															0					04-05
05 47	26.680	54.1	47.5	63	0															0					05-06
06 48	26.690	55.6	45.7	47	0	0	Cu	40	0	Ci	250	0								0	1	.065			06-07
07 48	26.710	59.1	46.9	40	1															0					07-08
08 47	26.715	62.0	46.9	31	8															1					08-09
09 50	26.715	65.9	47.8	24	8	8	Cs	250												2	1	.025			09-10
10 47	26.710	67.4	47.6	19	7															3					10-11
11 48	26.695	70.4	48.2	15	2															1					11-12
12 47	26.680	70.7	48.0	14	0	0	Cu	30	0	Cs	250	0								0	8	.035			12-13
13 46	26.665	72.8	49.6	15	0															0					13-14
14 50	26.650	74.6	50.9	16	0															0					14-15
15 50	26.630	75.1	50.5	14	0	0	Sc	80												0	T	.050			15-16
16 47	26.620	76.0	51.0	14	0															0					16-17
17 48	26.620	74.6	50.4	14	0															0					17-18
18 45	26.640	69.1	51.5	29	0	0	Cs	250												0	3	.010			18-19
19 45	26.660	64.1	50.1	37	0															0					19-20
20 47	26.680	62.6	47.4	31	0															0					20-21
21 46	26.690	61.0	45.9	29	0															0	1	.050			21-22
22 46	26.695	57.8	45.2	36	0															0					22-23
23 47	26.700	58.1	44.0	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	53	48	X	X						X		
	0344	1	0	0	0	55	48		1								
	0946	2	0	0	0	66	48		0								
	1545	3	0	0	0	76	66		0								
	2144	4	0	0	0	76	61		0								
	MID.	X	0	0	0	61	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0949	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.715	26.630	26.690
BAROGRAPH 64	26.615	26.715	26.640	26.690
BAR. CORR. 65	+.010	0	-.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
76	48	0	0	0	20	NE	1048					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: 0512 P -2 SEC 2350 ± 0 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 6

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	0046	CLR	20			176	61	17	06	08		013	307	EP
SA	0146	CLR	20			181	59	18	03	08		014		EP
SA	0250	CLR	20			181	57	19	03	11		014		EP
SA	0348	CLR	20			185	56	19	03	10		015	107 54 RADAT 20111	JD
SA	0449	350 - SCT	20			192	52	22	11	09		017		JD
SA	0547	350 - SCT	20			201	54	27	01	07		019		JD
SA	0649	250 - SCT 350 - SCT	20			205	60	19	01	04		021	317 1005	JD
SA	0747	350 - SCT	20			205	63	17	35	07		021		JD
SA	0847	350 - SCT	20			208	66	19	36	08		022		JD
SA	0948	CLR	20			200	70	21	02	07		019	803 1001 52	JD
SA	1047	CLR	20			193	71	22	01	08		017		JD
SA	1146	CLR	20			184	74	22	04	07		015		JD
SA	1247	CLR	20			172	76	24	07	09		013	722	JD
SA	1348	CLR	20			166	76	23	29	06		011		JD
SA	1450	CLR	20			156	78	24	33	04		007		JD
SA	1548	CLR	20			151	78	24	19	03		006	720 80 RADAT 40113	HS
SA	1647	CLR	20			145	78	25	04	05		004		HS
SA	1745	CLR	20			143	77	27	16	04		003		HS
SA	1848	CLR	20			141	72	31	16	06		003	608 1001	HS
SA	1949	CLR	20			145	68	30	08	06		004		HS
SA	2049	CLR	20			144	66	28	10	04		004		HS
SA	2148	CLR	20			141	63	30	07	06		003	000 80	HS
SA	2247	CLR	20			144	59	32	05	07		003		HS
SA	2347	250 - SCT	20			141	59	31	06	10		003		HS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: iii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_hh_s$ $7SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 6

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.710	60.8	42.8	18	0															0	3	.020			00-01
01 46	26.720	59.4	42.3	19	0															0					01-02
02 50	26.720	57.3	41.5	22	0															0					02-03
03 48	26.730	55.8	40.8	23	0															0	1	.020			03-04
04 49	26.745	52.2	39.8	31	2															0					04-05
05 47	26.770	53.5	41.7	35	2															0					05-06
06 49	26.780	60.1	43.0	20	2	1	Ci	250	1	Ci	350	2								0	3	.050			06-07
07 47	26.780	62.8	43.8	17	2															0					07-08
08 47	26.790	66.2	45.8	16	3															0					08-09
09 48	26.770	69.8	47.9	16	0	0	Ci	250												0	8	.010			09-10
10 47	26.750	71.0	48.7	16	0															0					10-11
11 46	26.730	73.9	49.9	14	0															0					11-12
12 47	26.705	76.1	51.3	14	0															0	7	.065			12-13
13 48	26.685	75.9	51.0	14	0															0					13-14
14 50	26.660	77.6	51.8	13	0															0					14-15
15 48	26.645	77.9	51.9	13	0															0	7	.060			15-16
16 47	26.625	77.7	52.1	14	0															0					16-17
17 45	26.620	76.9	52.3	16	0															0					17-18
18 48	26.620	72.4	51.6	22	0	0	Ci	250												0	6	.025			18-19
19 49	26.625	67.6	49.3	25	0															0					19-20
20 49	26.625	66.3	48.1	24	0															0					20-21
21 48	26.620	62.7	47.1	29	0															0	0	.000			21-22
22 47	26.620	59.0	46.1	36	0															0					22-23
23 47	26.620	58.6	45.4	35	3															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	61	54	X	X						X		
	0344	1	0	0	0	61	54		0								
	0944	2	0	0	0	70	52		0								
	1543	3	0	0	0	80	70		0								
	2143	4	0	0	0	80	62		0								
	MID.	X	0	0	0	63	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.770	26.645	26.620
BAROGRAPH 64	26.730	26.780	26.655	26.630
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 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
80	52	0	0	0	25	NE	1324					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: 0511P -2 SEC 2150P -2 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 7

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Tens.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (14)
SA	0048	250 - SCT	20			136	60	27	12	02		002	803 1001	HS
SA	0145	250 - BKN	20			136	56	33	04	04		001		HS
SA	0248	250 - BKN	20			135	55	32	36	02		001		HS
SA	0346	250 - OVC	20			131	52	34	05	02		999	707 1007 52 RADAT 32119	JD
SA	0448	250 - OVC	20			132	51	35	33	02		999		JD
SA	0546	250 - OVC	20			135	52	37	23	03		001		JD
SA	0648	250 - BKN	20			135	57	35	17	02		001	103 1008	JD
SA	0746	250 - SCT	20			137	63	33	18	03		002		JD
SA	0847	250 - SCT	20			128	70	28	14	02		999		JD
SA	0947	CLR	20			126	74	29	22	05		999	805 1101 51	JD
SA	1047	CLR	20			116	77	27	21	07		996		JD
SA	1147	CLR	20			105	80	28	23	10		993		JD
SA	1248	CLR	20			091	81	27	19	14		990	729 1101	JD
SA	1347	250 - SCT	20			081	84	24	25	10	G26	986		JD
SA	1450	CLR	20			071	82	24	22	09	G23	983		JD
SA	1547	CLR	20			065	83	27	23	13		981	727 1101 85 RADAT 35 119	HS
SA	1646	CLR	20			055	81	26	18	17	G24	978		HS
SA	1746	90 SCT 250 - SCT	20			051	79	26	17	13	G22	977		HS
SA	1848	90 SCT 250 - SCT	20			049	77	24	19	10		977	614 1101	HS
SA	1947	CLR	20			048	74	29	18	10		977	FEW CU	HS
SA	2048	CLR	20			046	74	36	19	13		977	FEW CU	HS
SA	2149	250 - SCT	20			045	72	35	19	08		977	102 1101 85	HS
SA	2250	250 - SCT	20			039	70	33	20	14		976		HS
SA	2348	250 - SCT	20			036	70	27	27	07		975		HS

A synoptic observation, in WMO code format FM11-V, is entered on line following related aviation observation.

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 7

To convert LST to GMT ADD 8 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	26.610	60.3	45.0	28	5	5	Ci	250												0	8	.010			00-01
01 45	26.600	56.3	45.0	41	7															0					01-02
02 50	26.600	55.0	44.1	41	8															1					02-03
03 46	26.590	52.0	43.2	49	10	10	Cs	250												1	7	.020			03-04
04 48	26.590	51.0	43.1	53	10															1					04-05
05 46	26.600	51.8	44.8	58	10															2					05-06
06 48	26.600	57.4	46.3	43	9	9	Cs	250												3	1	.010			06-07
07 46	26.605	63.1	48.1	32	4															1					07-08
08 47	26.590	69.9	49.6	21	1															0					08-09
09 47	26.585	73.6	51.5	19	0	0	Cu	40	0	Ci	250	0								0	8	.015			09-10
10 47	26.560	76.8	52.2	16	0															0					10-11
11 47	26.530	80.2	53.8	15	0															0					11-12
12 48	26.500	81.2	53.9	13	0	0	Cu	40	0	Ci	250	0								0	7	.085			12-13
13 47	26.470	83.8	54.4	11	1															0					13-14
14 50	26.440	82.1	53.6	12	0															0					14-15
15 47	26.420	82.8	54.6	13	0	0	Cu	60	0	Ci	250	0								0	7	.080			15-16
16 46	26.390	80.6	53.5	13	0															0					16-17
17 46	26.380	79.1	53.0	14	2															1					17-18
18 48	26.380	76.5	51.4	14	2	1	Cu	90	1	Ci	250	2								1	6	.040			18-19
19 47	26.380	74.2	51.6	19	0															0					19-20
20 48	26.385	73.9	53.7	25	0															0					20-21
21 49	26.385	72.1	52.6	26	2	0	Cu	90	2	Ci	250	2								0	1	.005			21-22
22 50	26.370	70.1	51.3	26	3															0					22-23
23 48	26.365	69.8	49.4	20	4															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	61	52	X	X						X		
	0343	1	0	0	0	63	52		0								
	0944	2	0	0	0	74	51		0								
	1542	3	0	0	0	85	74		0								
	2144	4	0	0	0	83	71		0								
	MID.	X	0	0	0	72	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.585	26.420	26.385
BAROGRAPH 64	26.590	26.585	26.420	26.385
BAR. CORR. 65	0	0*	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	51	0	0	0	33	5	1249					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: 0512P -1 SEC 2150P -1 SEC

*0950P Barograph Changed 0 Corr.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 8

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	0048	250-BKN	20			031	68	28	16	07		973	712 1001	HS
SA	0149	250-OVC	20			029	67	29	23	07		973		HS
SA	0250	250-OVC	20			029	65	30	02	10		973		HS
SA	0349	E250 OVC	20			028	64	30	22	06		972	703 1007 64 RADAT 26116	JD
SA	0448	E250 OVC	20			031	63	33	36	04		973		JD
SA	0546	E250 OVC	20			035	61	35	36	04		973		JD
SA	0647	E250 OVC	20			035	64	39	26	04		973	103 1007	JD
SA	0747	250 -OVC	20			034	69	42	20	15		973		JD
SA	0847	250 -OVC	20			033	71	38	21	08	G24	973		JD
SA	0947	250 -BKN	20			027	72	39	20	17		972	805 1108 61	JD
SA	1047	250 -SCT	20			026	74	34	22	17	G34	971		JD
SA	1146	250 -BKN	20			019	76	35	22	17	G32	970		JD
SA	1247	E230 OVC	20			015	76	35	24	17	G31	968	712 1107	JD
SA	1347	230 -BKN	20			002	78	33	23	21		964		JD
SA	1450	240 -SCT	20			997	77	30	19	21	G30	962	HAZY	JD
SA	1549	250-SCT	20			990	76	31	18	21	G27	960	HAZY 724 1108 79	/
/													RADAT 60109	HS
SA	1648	250-SCT	20			985	74	31	19	18	G30	959	HAZY	HS
SA	1749	250-BKN	20			983	71	28	21	19	G34	957	HAZY	HS
SA	1849	250-BKN	20			979	66	25	22	14	G24	956	HAZY 714 1008	HS
SA	1948	250-BKN	20			985	66	23	23	16	G28	958		HS
SA	2049	120 SCT 250-BKN	20			985	63	29	24	09		958		HS
SA	2150	120 SCT 250-SCT	20			993	61	28	19	14		960	214 1078 79	HS
SA	2247	120-SCT	20			996	58	32	24	13		961		HS
SA	2348	CLR	20			996	57	32	24	14		961	FEW AC	HS

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

FMTTV: [illegible] Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sC_nh_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV
DATE: 1982 MAY 8
To convert LST to GMT ADD 8 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	26.350	67.7	48.6	22	8	8	Ci	250												2	7	.035			00-01
01 49	26.350	67.1	48.7	24	10															3					01-02
02 50	26.345	64.8	48.0	27	10															4					02-03
03 49	26.340	64.1	47.6	27	10	10	Cs	E250												6	7	.010			03-04
04 48	26.345	62.6	47.8	32	10															8					04-05
05 46	26.350	60.9	47.8	37	10															9					05-06
06 47	26.350	64.4	50.8	39	10	10	Cs	E250												7	1	.010			06-07
07 47	26.350	68.5	53.7	38	10															3					07-08
08 47	26.350	70.8	53.3	31	10															2					08-09
09 47	26.335	72.2	53.9	30	9	0	Cu	40	9	Cs	250	9								2	8	.015			09-10
10 47	26.330	74.1	53.2	23	2															1					10-11
11 46	26.315	75.8	54.2	23	6															2					11-12
12 47	26.300	75.5	54.1	23	10	0	Cu	50	10	Cs	E230	10								7	7	.035			12-13
13 47	26.270	77.7	54.2	19	8															2					13-14
14 50	26.250	76.5	52.9	18	4															1					14-15
15 49	26.230	75.6	52.7	19	5	0	Cu	90	5	Cs	250	5								1	7	.070			15-16
16 48	26.215	74.0	52.1	20	5															1					16-17
17 49	26.200	71.3	50.3	20	8															1					17-18
18 49	26.190	66.1	47.0	21	6	6	Cs	250												1	7	.040			18-19
19 48	26.210	66.1	46.6	19	6															2					19-20
20 49	26.210	62.8	46.7	27	8															3					20-21
21 50	26.230	61.1	45.6	28	5	1	Ac	120	4	Cs	250	5								2	2	.040			21-22
22 47	26.235	58.2	45.9	38	2															1					22-23
23 48	26.240	57.1	45.0	38	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	70	64	X	X						X		
	0345	1	0	0	0	72	64		0								
	0944	2	0	0	0	72	61		0								
	1544	3	0	0	0	79	72		0								
	2145	4	0	0	0	77	61		0								
	MID.	X	0	0	0	61	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1548	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26340	26335	26230	26230
BAROGRAPH 64	26340	26335	26225	26225
BAR. CORR. 65	0	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 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	57	0	0	0	34	SW	1747					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

TOTAL SUNSHINE (MIN.)	PERCENT OF POSSIBLE SUNSHINE	CHARACTER OF SUNRISE	CHARACTER OF SUNSET
FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK: CLOCK: 0835P -2 SEC 2051P -2 SEC

X LAST OF TWO OCCURANCES

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 9

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (MILES) SURFACE (4)	VISIBILITY (MILES) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (MBS) (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (DD-16) (9)	WIND SPEED (KTS) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (INS) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0048	120 SCT	20			007	54	35	24	18		963	310 1070	HS
SA	0148	CLR	20			008	52	34	21	12		964		HS
SA	0250	CLR	20			014	52	34	23	09		966		HS
SA	0349	120 SCT	20			019	51	34	28	09		967	210 1050 51	RD
—			—			—						—	RADAT 86090	—
SA	0447	E60 BKN	20			024	51	34	26	07		968		RD
SA	0550	E60 BKN	20		RW-	035	50	39	09	06		971	RB03	RD
SA	0647	E60 OVC	20		RW-	047	49	40	31	13		973	22000 15//	RD
SA	0746	E60 OVC	20		RW-	064	49	42	30	04		975		RD
SA	0848	M45 OVC	15		R-	070	49	43	34	05		979		RD
SA	0948	M60 OVC	20		RW-	070	48	44	05	06		979	11706 15// 47	RD
SA	1046	M60 BKN	20		RW-	063	53	46	35	08		977		RD
SA	1146	E65 BKN	20			056	58	41	31	05		976	RE08	RD
SA	1245	E65 BKN	20			051	59	39	36	05		974	71501 1500	RD
SA	1349	E65 BKN	20			043	61	35	23	09		972		RD
SA	1447	E70 BKN	20			037	65	36	21	14		970		RD
SA	1548	E70 BKN	20			033	64	31	23	15		969	61501 1500 65 RADAT 72086	JK
SA	1647	E70 BKN	20			031	63	29	20	14		968		JK
SA	1746	E70 BKN	20			027	62	28	19	12		967	RWU NW THRU N	JK
SP	1806	E70 BKN	20						03	09G20		968	WSHFT 05	JK
SA	1845	E70 BKN	20		RW-	047	52	38	03	23G43		971	WSHFT 05 RB44 PKWND	
													0343/44 / 30700 1500	JK
SA	1947	E65 BKN	20			066	48	38	04	16G37		975	RE20 PKWND 0437/38	JK
SA	2046	E65 BKN	20		RW-	078	47	39	03	20		979	RB25 PK WND 0336/01	JK
SA	2145	M50 OVC	20		RW-	094	47	39	05	10		983	23700 14// 65	JK
SA	2246	M37 OVC	10		R-	096	44	40	03	10		984	CIG RGD	JK
SA	2345	M37 OVC	10		R-	096	45	40	04	07		985		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related station observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO: 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 9

To convert LST to GMT ADD 8 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	26.260	53.7	44.6	49	2	2	Ac	120												2	3	.030			00-01
01 48	26.265	52.3	43.7	50	0															0					01-02
02 50	26.280	51.5	43.0	51	0															0					02-03
03 49	26.290	51.0	43.3	53	3	3	Ac	120												3	2	.030			03-04
04 47	26.300	50.8	42.4	53	8															8					04-05
05 50	26.325	49.9	44.4	66	8															8					05-06
06 47	26.350	48.9	44.2	70	10	10	Sc	E60												10	2	.060			06-07
07 46	26.365	48.7	45.0	77	10															10					07-08
08 48	26.400	47.0	45.0	87	10															10					08-09
09 48	26.400	47.8	46.0	88	10	10	Sc	M60												10	1	.050			09-10
10 46	26.380	53.0	49.0	76	8															8					10-11
11 46	26.370	53.0	49.0	53	8															8					11-12
12 45	26.355	58.7	48.4	48	8	8	Sc	E65												8	7	.045			12-13
13 49	26.335	61.4	48.2	38	8															8					13-14
14 47	26.320	64.7	50.0	35	7															7					14-15
15 48	26.310	64.0	48.0	29	7	7	Sc	E70												7	6	.045			15-16
16 47	26.300	63.2	46.8	27	6															6					16-17
17 46	26.290	62.1	46.1	27	6															6					17-18
18 45	26.330	52.0	45.0	59	8	8	Sc	E70												8	3	.020			18-19
19 47	26.370	47.8	43.1	69	9															9					19-20
20 46	26.400	47.0	43.0	74	9															9					20-21
21 45	26.440	46.7	42.9	75	10	10	Sc	M50												10	2	.110			21-22
22 46	26.450	44.0	42.0	86	10															10					22-23
23 45	26.455	44.9	42.5	83	10															10					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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341		0	0		57	51										
	0341	1	0	0	0	61	51		0								
	0944	2	.06	0	0	52	47		2								
	1545	3	.01	0	0	65	48		0								
	2143	4	T	0	0	64	47		0								
	MID.		.02	0	0	47	44										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.290	26.400	26.310	26.440
BAROGRAPH 64	26.290	26.400	26.310	26.440
BAR. CORR. 65	0	0 *	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
65	44	.09	0	0	43	NE	1844					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0503	0810			
R-	0810	0945			
RW-	0945	1108			
RW-	1844	1920			
RW-	2025	2230			
R-	2230	CONT.			

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 0702 +2 SEC 1710P -2 SEC

*CHANGED MICROBARGRAPH AT 0955 LST

MF-1-109

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

STATION WSMO, DESERT ROCK NV

DATE 1982 MAY 10

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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	M 37 OVC	20		R-	093	45	41	10	06		984	00302 14//	JK
SA	0150	37SCT E 70 OVC	20			087	46	38	11	06		983	RE 15	JK
SA	0249	70 SCT	20			086	45	37	10	09		983		JK
SA	0349	70 SCT 100 SCT	20			084	45	37	10	06		983	80504 1570 44 20011	RD
—			—			—						—	RADAT 68070	—
SA	0451	70 SCT	20			087	43	39	20	04		983		RD
SA	0549	CLR	20			092	44	40	05	03		985		RD
SA	0646	CLR	20			100	47	40	23	03		986	210 1100	RD
SA	0947	CLR	20			106	50	36	22	03		988	FEW CU	RD
SA	0846	70 SCT	20			110	52	36	31	05		989		RD
SA	0945	70 SCT	20			107	55	34	08	07		988	TCU NE SE NW / 007	RD
—			—			—						—	1200 43	—
SA	1049	70 SCT	20			104	58	30	21	07		987	TCU N RWU SE	RD
SA	1148	E65 BKN	20		RW-	096	57	32	32	16		986	RB41 ~~RE18E44~~	RD
SA	1247	E65 BKN	20		RW-	095	57	30	07	13		985	~~RB18E44~~/ 61000 1200	RD
SA	1346	70 SCT	20			086	60	27	04	03		983	RE07	RD
SA	1445	70 SCT	20			086	60	24	19	09		982	CB ~~N~~NE MOVG NELY RWU	RD
—			—			—						—	NW	/
SA	1548	E65 BKN	20			082	60	24	02	04		981	CB N MOVG NE / 71200	JK
/													1300 61 RADAT 52082	/
SA	1649	E65 BKN	20			086	61	23	06	08		982	RWU ~~N~~NW AND N CB N	JK
/													MOVD NE	/
SA	1747	E65 BKN	20			083	57	25	02	18		981	CB SE AND S MOV MT UNK	JK
SA	1845	65SCT	20			087	53	30	03	16		982	RWU S AND NW / 303 1400	JK
SA	1946	65 SCT	20			093	54	27	09	10		984		JK
SA	2048	65 SCT	20			097	52	30	10	12		985		JK
SA	2149	65 SCT	20			097	51	30	10	02		985	110 1400 61	JK
SA	2246	65 SCT	20			094	49	32	05	10		985		JK
SA	2345	65 SCT	20			094	50	30	03	12		985		JK

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

FMIIV: (1) Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115 1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 10

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.450	45.2	43.1	85	10	10	Sc	M37												10	0	.010			00-01
01 50	26.440	46.0	42.0	73	10															10					01-02
02 49	26.440	45.2	41.1	72	5															4					02-03
03 49	26.435	44.8	41.0	73	5	2	Sc	70	3	Ac	100	5								4	8	.015			03-04
04 51	26.440	43.0	41.0	86	2															2					04-05
05 47	26.455	44.4	42.0	83	0															0					05-06
06 46	26.465	47.1	43.3	77	0	0	Cu	70												0	2	.030			06-07
07 47	26.480	49.6	43.0	60	0															0					07-08
08 46	26.490	52.0	44.0	54	3															3					08-09
09 45	26.485	54.6	44.7	46	2	2	Cu	70												2	0	.020			09-10
10 49	26.475	58.0	45.0	35	2															2					10-11
11 48	26.460	57.0	45.1	39	8															8					11-12
12 47	26.455	57.8	44.6	34	6	6	Cu	E65												6	6	.030			12-13
13 46	26.440	60.2	45.0	28	5															5					13-14
14 45	26.430	59.6	43.8	25	5															5					14-15
15 48	26.420	60.2	44.1	24	6	6	CB	E65												6	7	.035			15-16
16 49	26.430	60.6	44.2	24	6															6					16-17
17 47	26.420	57.0	43.0	29	6															6					17-18
18 45	26.430	53.1	42.6	41	4	4	Sc	65												4	3	.010			18-19
19 46	26.450	53.9	42.0	35	4															3					19-20
20 48	26.460	52.0	42.0	43	2															2					20-21
21 49	26.460	50.9	41.3	43	4	4	Sc	65												3	1	.030			21-22
22 46	26.460	49.4	41.4	51	2															2					22-23
23 45	26.460	50.0	41.0	46	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	.02	0	X	47	44	X	X						X		
	0341	1	.04	0	0	47	44		1								
	0939	2	0	0	0	55	43		0								
	1544	3	T	0	0	61	55		0								
	2143	4	0	0	0	61	51		0								
	MID.	X	0	0	0	51	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0944	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.435	26.485	26.420	26.460
BAROGRAPH 64	26.435	26.485	26.420	26.460
BAR. CORR. 65	0	0	±.0	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
61	43	.02	0	0	28	NE	1751					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	CONT	0115			
RW-	1141	1218			
RW-	1244	1307			

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 0703 ~2 SEC ~~5000~~ / 1800 -2 Sec

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 11

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (2)	VISIBILITY (4) Surface	VISIBILITY (4) Tower	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED KTS. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	E70 BKN	20			095	49	31	06	08		985	400 1400	JK
SA	0145	E70 BKN	20			095	49	32	04	05		985		JK
SA	0245	E70 BKN	20			096	48	31	05	08		986		JK
SA	0348	E70 BKN	20			095	50	30	12	03		986	102 1500 47	RD
—			—			—						—	RADAT 63077	—
SA	0447	E70 BKN	20			099	47	30	05	13		987		RD
SA	0548	E70 BKN	20			104	47	31	05	17		988		RD
SA	0647	E70 BKN	20			108	49	30	03	16		989	TCU SW / 208 1200	RD
SA	0746	E70 BKN	20			104	52	30	03	13		988	CB S RWY 3 VIRGA SW-NW	RD
SA	0850	E70 BKN	20			103	56	32	04	12		988	TCU NW	RD
SA	0945	70 SCT E200 BKN	20			101	58	26	31	06		988	CB NW NE / 603 1303	RD
—			—			—						—	46	—
SA	1046	70 SCT E200 BKN	20			101	58	23	06	03		987	CB NE RWY SE NW	RD
SA	1147	70 SCT E200 BKN	20			093	60	27	16	06		986	CB NE	RD
SA	1247	E70 BKN 200 OVC	20			089	62	28	14	10		985	CB NE RWY NNW / 708	RD
—			—			—						—	1903	—
SA	1348	E70 BKN 200 BKN	20		RW-	095	58	32	31	14		986	RB44	RD
SA	1446	70 SCT E200 BKN	20			095	57	28	30	10		986	REC2 CB E	RD
SA	1547	70 SCT E200 OVC	20			083	58	30	36	10		982	80800 1307 62 RADAT53085	JK
SA	1648	70 SCT E200 OVC	20			078	60	27	02	09		981		JK
SA	1749	E200 BKN	20			081	58	27	02	08		981		JK
SA	1848	200 - BKN	20			088	56	28	02	04		983	303 1408	JK
SA	1945	200 - SCT	20			088	53	32	18	02		983		JK
SA	2045	200 - SCT	20			096	50	32	07	02		985		JK
SA	2147	CLR	20			094	50	30	06	03		985	107 1001 62	JK
SA	2246	CLR	20			094	50	30	04	08		985		JK
SA	2345	CLR	20			092	51	25	03	10		985		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: iii Nddff VVwww PPPTT NhCLhCMCH fqTTTqppp 6PaPaTaTa 1RRRtR BN2Ch ns 9SpSpspsp 2R24R24R24R24 3PaPaHwHw dwdwPwPwHwHw 4TxTxTnTn

U.S. GPO 1980-0-665-115

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 11

To convert LST to GMT ADD X 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	26.460	48.8	40.8	51	7	7	Sc	E70												7	4	.000			00-01
01 45	26.460	49.0	41.0	51	6															6					01-02
02 45	26.465	47.9	40.3	53	7															7					02-03
03 48	26.465	50.2	41.0	45	6	6	Sc	E70												6	1	.005			03-04
04 47	26.470	49.0	39.5	52	6															6					04-05
05 48	26.480	47.1	39.6	53	6															6					05-06
06 47	26.490	49.4	40.6	47	6	6	Cu	E70												6	2	.025			06-07
07 46	26.485	52.0	42.0	43	6															6					07-08
08 50	26.480	55.6	44.4	41	6															6					08-09
09 45	26.480	58.0	43.7	29	6	3	CB	70	3	Ci	E200	6								5	6	.010			09-10
10 46	26.475	58.1	42.8	25	7															5					10-11
11 47	26.460	60.0	45.0	28	7															7					11-12
12 47	26.455	61.9	46.0	27	10	6	CB	E70	4	Ci	200	10								9	7	.025			12-13
13 48	26.465	57.6	45.2	37	9															8					13-14
14 46	26.460	57.4	44.0	33	8															5					14-15
15 47	26.430	58.0	45.0	35	10	4	CB	70	6	CS	E200	10								7	8	.025			15-16
16 48	26.420	60.0	45.0	29	10															6					16-17
17 49	26.420	58.4	44.2	30	9															6					17-18
18 48	26.440	55.8	43.2	34	6	0	Sc	70	6	CS	200	6								2	3	.010			18-19
19 45	26.440	52.7	43.1	46	4															1					19-20
20 45	26.460	49.8	41.6	50	1															0					20-21
21 47	26.460	50.0	41.0	46	0	0	Ci	200												0	1	.020			21-22
22 46	26.460	50.0	41.0	46	0															0					22-23
23 45	26.460	51.2	40.0	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	50	47	X	X						X		
	0340	1	0	0	0	51	47		0								
	0940	2	0	0	0	58	46		0								
	1544	3	T	0	0	62	57		0								
	2144	4	0	0	0	60	50		0								
	MID.	X	0	0	0	51	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0944	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.465	26.480	26.430	26.460
BAROGRAPH 64	26.465	26.480	26.440	26.460
BAR. CORR. 65	0	0	-.010	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	46	T	0	0	31	NW	1331					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1344	1402			

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 0749 -2 SEC / 1800 P -2 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1982 MAY 12

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (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	0048	CLR	20			092	50	27	05	10		985	400 1001	JK
SA	0145	CLR	20			093	50	28	05	10		985		JK
SA	0246	CLR	20			095	49	29	05	10		985		JK
SA	0349	CLR	20			102	48	31	29	06		988	307 47 RADAT 43091	JC
SA	0443	CLR	20			103	45	33	28	11		988		JC
SA	0547	CLR	20			114	48	31	14	02		991		JC
SA	0649	CLR	20			121	52	31	04	04		993	317 1100	JC
SA	0744	CLR	20			121	55	29	02	10		993		JC
SA	0846	CLR	20			128	58	30	36	12		996		JC
SA	0949	65 SCT 250 SCT	20			123	61	32	01	09		994	003 1101 45	JC
SA	1044	65 SCT 250 SCT	20			123	61	26	35	10		994		JC
SA	1146	65 SCT 250-SCT	20			116	65	26	35	07		993		JC
SA	1249	65 SCT 250-SCT	20			107	67	24	36	10		991	810 1101	JC
SA	1347	65 SCT 250-BKN	20			099	69	23	36	08		989		JC
SA	1449	65 SCT 250 SCT	20			094	72	19	01	07		988		JC
SA	1549	70 SCT	20			092	70	20	09	03		986	614 1200 74 RADAT 41100	008
SA	1648	70 SCT	20			091	69	20	33	02		985		008
SA	1745	70 SCT 250-BKN	20			094	70	20	25	03		987		008
SA	1848	70 SCT 250 SCT	20			096	66	24	05	06		987	303 1201	008
SA	1947	70 SCT 250 SCT	20			109	61	27	03	06		991		008
SA	2046	250 SCT	20			115	59	28	06	06		993		008
SA	2145	250 SCT	20			117	58	28	06	06		994	120 1001 74	008
SA	2248	250 SCT	20			121	57	28	05	10		995		008
SA	2345	250 SCT	20			126	57	28	07	08		997		008

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_sh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_wT_wT_nT_n$

U.S.GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NM

DATE: 1982 MAY 12

To convert LST to GMT ADD 8 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	26.460	49.8	39.8	41	0	0	Ci	200												0	4	.000			00-01
01 45	26.460	50.0	40.2	42	0															0					01-02
02 46	26.460	49.0	40.0	45	0															0					02-03
03 49	26.480	47.5	39.9	51	0															0	3	.020			03-04
04 43	26.480	47.7	39.2	62	0															0					04-05
05 47	26.510	47.5	40.0	52	0															0					05-06
06 49	26.530	52.0	42.2	44	0	0	Cu	60												0	3	.050			06-07
07 44	26.530	54.8	43.1	37	0															0					07-08
08 46	26.550	57.8	44.8	35	0															0					08-09
09 49	26.540	60.8	46.8	34	1	1	Cu	65	0	Ci	250	1								1	0	.010			09-10
10 44	26.540	61.4	45.2	25	1															1					10-11
11 46	26.530	65.2	47.0	23	3															1					11-12
12 49	26.510	67.1	47.4	19	3	1	Cu	65	3	Ci	250	3								1	8	.030			12-13
13 47	26.490	68.9	47.9	17	6															2					13-14
14 49	26.480	71.6	48.2	13	2															2					14-15
15 49	26.470	70.0	47.7	15	2	2	cu	70												2	6	.040			15-16
16 48	26.460	69.1	47.3	15	2															2					16-17
17 45	26.475	69.8	47.7	15	7															3					17-18
18 48	26.480	66.2	46.9	20	5	2	cu	70	3	ci	250	5								3	3	.010			18-19
19 47	26.510	61.4	45.6	27	4															4					19-20
20 46	26.530	57.3	44.9	30	2															2					20-21
21 45	26.540	58.1	44.3	32	2	2	ci	250												2	1	.060			21-22
22 48	26.550	57.4	43.8	32	2															2					22-23
23 45	26.565	57.0	43.7	32	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	PRECIP. ORIGIN 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	51	47		0								
	0945	2	0	0	0	62	45		0								
	1544	3	0	0	0	74	61		0								
	2140	4	0	0	0	71	58		0								
	MID.	X	0	0	0	58	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.540	26.470	26.540
BAROGRAPH 64	26.475	26.535	26.475	26.545
BAR. CORR. 65	+.005	+.005	-.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
74	45	0	0	0	24	E	1401					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 0950P -2 SEC. / AT 2155P -1 SEC.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (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	0046	250 SCT	20			128	56	27	06	05		997	210 1001	008
SA	0148	CLR	20			125	57	26	09	06		997		008
SA	0245	CLR	20			128	55	27	07	10		998		008
SA	0349	CLR	20			134	56	30	04	04		000	307 54 RADAT 45101	JC
SA	0447	CLR	20			143	55	29	04	05		002		JC
SA	0548	CLR	20			145	58	31	02	09		003		JC
SA	0649	CLR	20			148	60	34	02	12		004	114 1001	JC
SA	0746	250 - SCT	20			149	64	34	04	11		004		JC
SA	0849	CLR	20			149	66	32	04	09		004		JC
SA	0949	250 - SCT	20			144	68	32	03	13		003	803 1001 54	JC
SA	1047	250 - BKN	20			141	70	34	05	12		002		JC
SA	1148	250 - BKN	20			135	72	32	15	05		001		JC
SA	1247	250 - SCT	20			127	74	29	11	04		999	814 1001	JC
SA	1348	250 - BKN	20			115	76	22	33	03		996		JC
SA	1446	250 - BKN	20			112	76	28	31	07		994		JC
SA	1548	250 - BKN	20			107	78	23	15	04		993	617 1001 80 RADAT 25116	008
SA	1646	250 - BKN	20			108	77	25	21	06		993		008
SA	1750	250 - SCT	20			100	76	26	24	04		991		008
SA	1845	CLR	20			104	71	24	23	06		992	503	008
SA	1947	CLR	20			110	65	28	09	03		993		008
SA	2046	CLR	20			109	64	25	09	04		993		008
SA	2144	CLR	20			111	64	23	08	03		994	207 80	008
SA	2244	CLR	20			109	59	27	07	02		993		008
SA	2343	CLR	20			108	59	26	09	04		993		008

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Ihi Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980 0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 13

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.570	55.6	42.9	34	2	2	ci	250												2	2	.030			00-01
01 48	26.570	57.1	43.2	30	0															0					01-02
02 45	26.580	55.3	42.6	33	0															0					02-03
03 49	26.590	56.2	44.1	37	0															0	3	.020			03-04
04 47	26.610	54.8	43.2	38	0															0					04-05
05 48	26.620	57.5	45.0	37	0															0					05-06
06 49	26.630	60.3	47.3	37	0	0	ci	250												0	1	.040			06-07
07 46	26.630	63.6	48.8	33	2															0					07-08
08 49	26.630	65.9	49.1	28	0															0					08-09
09 49	26.620	68.4	50.0	25	2	2	ci	250												0	8	.010			09-10
10 47	26.610	69.6	51.2	27	6															0					10-11
11 48	26.600	72.0	51.6	23	6															0					11-12
12 47	26.580	74.0	51.6	19	4	4	ci	250												0	8	.040			12-13
13 48	26.550	75.7	50.7	13	6															0					13-14
14 46	26.540	75.8	52.2	17	8															2					14-15
15 48	26.530	77.6	51.6	13	8	8	ci	250												3	6	.050			15-16
16 46	26.530	77.3	52.0	14	6															2					16-17
17 50	26.510	75.8	51.6	16	3															1					17-18
18 45	26.520	70.9	48.9	17	0															0	5	.010			18-19
19 47	26.530	64.8	47.3	24	0															0					19-20
20 46	26.530	64.2	46.3	22	0															0					20-21
21 44	26.540	64.3	45.8	20	0															0	2	.020			21-22
22 44	26.530	59.1	44.4	29	0															0					22-23
23 43	26.530	59.2	44.2	28	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	57	54	X	X						X		
	0345	1	0	0	0	58	54		0								
	0945	2	0	0	0	70	54		0								
	1542	3	0	0	0	80	68		0								
	2140	4	0	0	0	78	64		0								
	MID.	X	0	0	0	65	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1547	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.620	26.530	26.540
BAROGRAPH 64	26.595	26.620	26.525	26.530
BAR. CORR. 65	-.005	±0	+.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	54	0	0	0	19	NE	1020					4	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 1123P -2 SCT / AT 1250P -1 SCT.

MF1-10B

☆ U.S.GPO:1977-0-765-065/1191

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	CLR	20			108	58	28	04	06		993	603	008
SA	0150	250SCT	20			103	58	27	13	04		992		008
SA	0244	250-BKN	20			105	56	27	33	02		992		008
SA	0349	E250 OVC	20			103	56	31	01	02		992	603 1007 55 RADAT	JC
/													30114	/
SA	0446	E250 OVC	20			107	55	34	07	06		993		JC
SA	0545	E250 OVC	20			111	57	32	04	05		994		JC
SA	0644	140SCT E250 OVC	20			111	62	30	05	04		994	107 1077	JC
SA	0747	140SCT E250 OVC	20			111	67	29	11	04		994		JC
SA	0846	140SCT E250 OVC	20			110	69	29	04	03		994		JC
SA	0949	140SCT E200 OVC	20			105	72	31	32	03		993	803 1007 55	JC
SA	1043	140SCT E200 OVC	20			100	73	32	24	13		991		JC
SA	1145	80SCT 140SCT E200 OVC	20			088	76	30	22	17	G24	988		JC
SA	1246	80SCT E140 BKN 200 OVC	20			089	75	29	18	15	G28	988	617 1177	JC
SA	1348	80SCT E140 BKN 200 OVC	20			080	76	28	20	12	G25	986		JC
SA	1445	80SCT E140 BKN 200 OVC	20			078	74	27	20	13	G23	984		JC
SA	1549	80SCT E150 BKN 200 OVC	20			071	74	27	19	14		982	717 1277 77 RADAT 50105	008
SA	1645	80SCT E150 BKN 200 BKN	20			072	72	22	21	13	G19	982	VIRGA N	008
SA	1747	80SCT E150 BKN 200 BKN	20			072	71	20	21	09	G14	982	VIRGA NE	008
SA	1845	80SCT E150 BKN 200 BKN	20			070	70	23	24	06		982	VIRGA SE / 400 1278	008
SA	1947	150SCT E200 BKN	20			078	65	26	09	08		984		008
SA	2045	150SCT E200 BKN	20			080	65	32	13	10		985		008
SA	2148	150SCT E200 BKN	20			084	62	30	09	06		986	114 1078 77	008
SA	2250	150SCT E200 BKN	20			088	60	35	05	14		987		008
SA	2343	150SCT E200 BKN	20			086	60	34	05	12		987		008

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ I_aT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ n_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $a_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1106

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 14

To convert LST to GMT ADD 8 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	58.1	44.3	32	0															0	6	.010			00-01
01 50	26.520	58.3	44.2	30	4															4					01-02
02 44	26.520	56.4	43.1	32	7															3					02-03
03 49	26.520	55.8	44.2	39	10	10	CS	E250												10	6	.010			03-04
04 46	26.530	55.4	44.4	41	10															7					04-05
05 45	26.540	56.8	45.0	39	10															8					05-06
06 44	26.540	62.2	46.8	30	10	0	AC	100	1	AC	140	1	10	CS	E250	10				9	1	.020			06-07
07 47	26.540	66.7	48.4	24	10															7					07-08
08 46	26.540	69.4	49.8	22	10															8					08-09
09 49	26.530	71.8	51.2	22	10	3	AC	140	10	CS	E200	10								10	8	.010			09-10
10 43	26.510	73.4	52.2	22	10															9					10-11
11 45	26.480	76.0	52.8	19	10															10					11-12
12 46	26.480	74.8	52.0	19	10	2	CU	80	6	AC	E140	6	10	CS	200	10				10	6	.050			12-13
13 48	26.460	75.5	52.0	17	10															10					13-14
14 45	26.450	73.6	51.0	18	10															10					14-15
15 49	26.430	73.7	51.1	18	10	2	CU	80	6	AC	E150	8	2	CS	200	10				10	7	.050			15-16
16 45	26.430	72.3	49.1	15	9															9					16-17
17 47	26.430	71.3	48.4	14	9															8					17-18
18 45	26.430	69.6	48.1	17	9	2	CU	80	4	AC	E150	6	3	CS	200	9				8	4	.000			18-19
19 47	26.450	64.6	46.7	23	7															6					19-20
20 45	26.460	64.8	48.4	29	9															8					20-21
21 48	26.470	61.8	46.5	29	7	4	AC	150	3	CS	E200	7								6	1	.040			21-22
22 50	26.480	59.8	47.4	39	7															6					22-23
23 43	26.480	59.5	47.0	39	8															8					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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		59	55										
	0345	1	0	0	0	65	55		0								
	0945	2	0	0	0	73	55		0								
	1544	3	0	0	0	77	72		0								
	2142	4	0	0	0	74	61		0								
	MID.		0	0	0	62	59										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.530	26.430	26.470
BAROGRAPH 64	26.520	26.530	26.430	26.465
BAR. CORR. 65	±0	±0	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
77	55	0	0	0	28	S	1237*					9	9		

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 0734P -2 SEC / AT 2230P -1 SEC.

* LAST OF SEVERAL OCCURRENCES

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (10's Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0048	150 SCT E 200 BKN	20			092	58	35	04	08		988	207 1078	JC
SA	0145	150 SCT E 200 BKN	20			091	56	34	04	10		988		JC
SA	0242	150 SCT E 200 BKN	20			090	56	34	05	10		987		JC
SA	0349	250 - SCT	20			094	56	36	06	12		989	500 1001 55 RADAT	JC
/													52103	/
SA	0444	250 - SCT	20			102	56	36	04	11		991	FEW AC SW	JC
SA	0547	120 SCT 250 - BKN	20			105	54	37	05	13		992		JC
SA	0645	120 SCT 250 - SCT	20			112	60	37	05	10		994	217 1171	JC
SA	0742	CLR	20			117	63	37	04	12		996		JC
SA	0849	CLR	20			116	67	39	01	13		996	FEW CU NW AND SE	JC
SA	0949	80 SCT	20			116	70	36	03	09		996	103 1100 55	JC
SA	1045	80 SCT	20			112	71	35	04	08		994		JC
SA	1149	80 SCT 250 SCT	20			104	74	34	03	15		992		JC
SA	1244	E 80 BKN	20			100	76	35	32	10		991	714 1100	JC
SA	1343	E 80 BKN	20			100	77	34	29	05		991		JC
SA	1444	80 SCT E 120 BKN	20			094	75	35	33	07		989		JC
SA	1545	70 SCT 120 SCT	20			093	76	34	29	08		989	807 1130 80 RADAT 65110	JC
SA	1648	70 SCT 120 SCT	20			093	76	33	08	05		989		JC
SA	1749	70 SCT 120 SCT	20			095	75	34	35	06		990		JC
SA	1849	70 SCT 120 SCT	20			104	72	35	04	06		992	310 1130	JC
SA	1945	70 SCT 120 SCT	20			111	70	35	01	10		994		JC
SA	2049	120 SCT	20			120	71	34	01	14G	21	997		JC
SA	2145	E 150 BKN	20			121	67	39	33	14		997	117 1030 80	JC
SA	2247	E 150 BKN	20			128	65	39	03	12G	21	999		JC
SA	2344	150 SCT	20			128	63	39	07	09		999		JC

A synoptic observation, in WMO code format FMI1V, is entered on line following related aviation observation.

FMI1V: iiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ $1g_1g_1qqpp$ $6P_aP_aP_aP_a$ 7RKR$_1$s $8N_sC_ah_s$ $9p_1p_1p_1p_1p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $4d_wd_wP_wH_wH_w$ $4P_cT_cT_cT_c$

U S GPO 1980-0-665-115 1108

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 15

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.490	57.6	46.3	42	8	3	AC	150	5	CS	E200	8								6	2	.020			00-01
01 45	26.485	56.0	45.4	44	8															6					01-02
02 42	26.480	56.0	45.3	44	7															5					02-03
03 49	26.490	56.4	46.0	45	2	2	Ci	250												0	5	.000			03-04
04 44	26.510	58.0	46.0	47	1															0					04-05
05 42	26.520	58.6	47.5	44	7															3					05-06
06 45	26.540	60.3	48.3	42	2	0	Cu	80	1	Ac	120	1	1	Ci	250	2				1	2	.050			06-07
07 42	26.550	63.1	49.7	39	0															0					07-08
08 49	26.550	67.4	52.1	36	0															0					08-09
09 49	26.550	69.8	52.0	29	1	1	Cu	80												1	1	.010			09-10
10 45	26.540	71.3	52.2	26	2															2					10-11
11 49	26.520	73.2	53.0	24	4															3					11-12
12 44	26.510	75.5	54.1	23	6	6	Cu	E80												6	7	.040			12-13
13 43	26.510	77.0	54.2	21	8															8					13-14
14 44	26.490	75.4	54.0	23	9															7					14-15
15 45	26.490	75.7	53.6	22	5	3	cu	70	2	AC	120	5								5	8	.020			15-16
16 48	26.490	75.5	53.4	21	5															5					16-17
17 49	26.500	75.0	53.4	22	5															5					17-18
18 49	26.520	72.0	52.5	26	5	2	cu	70	3	AC	120	5								5	3	.030			18-19
19 45	26.540	70.2	52.0	28	5															5					19-20
20 49	26.570	70.9	51.9	26	5															5					20-21
21 45	26.590	67.3	51.9	35	7	7	AC	E150												7	1	.050			21-22
22 47	26.590	64.8	51.0	38	7															7					22-23
23 44	26.590	63.4	50.3	40	5															5					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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		60	55										
	0345	1	0	0	0	62	55		0								
	0945	2	0	0	0	71	56		0								
	1540	3	0	0	0	80	70		0								
	2140	4	0	0	0	77	67		0								
	MID.		0	0	0	67	63										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.530	26.490	26.570
BAROGRAPH 64	26.490	26.530	26.490	26.550
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 UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	55	0	0	0	22	NE	2104					4	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 1200P -2SEC / AT 2230P -1SEC.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 16

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

TYPE (1)	TIME LST (2)	SKY AND CEILING Hundreds of Feet (3)	VISIBILITY Miles: SURFACE (4)	VISIBILITY Miles: TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND: DIRECTION (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	0048	E150 BKN	20			128	63	39	04	09		999	107 1030	DB
SA	0146	150 SCT	20			127	62	39	05	09		999		DB
SA	0250	150 SCT	20			132	60	38	05	10		000		DB
SA	0346	100 SCT	20			135	60	39	07	07		002	307 1030 60 RADAT 59111	RK
SA	0445	300 -SCT	20			135	60	38	07	11		002		RK
SA	0545	CLR	20			139	63	36	06	15		003		RK
SA	0645	CLR	20			143	64	37	05	11		004	307	RK
SA	0745	CLR	20			146	67	38	04	10		005		RK
SA	0845	CLR	20			147	71	37	02	06		006		RK
SA	0945	CLR	20			142	75	36	02	09		004	000 1101 60	RK
SA	1045	CLR	20			138	76	28	08	06		003		RK
SA	1145	CLR	20			134	79	29	07	07		002		RK
SA	1245	CLR	20			126	80	29	29	08		000	712 1101	RK
SA	1345	CLR	20			118	81	30	03	04		998		RK
SA	1450	CLR	20			113	82	29	23	10		996		RK
SA	1547	CLR	20			103	83	28	21	08		994	720 1100 83 RADAT 68115	LEF
SA	1646	CLR	20			100	83	27	20	10		993		LEF
SA	1747	CLR	20			100	80	24	24	11		993		LEF
SA	1848	CLR	20			105	75	26	21	06		993	502	LEF
SA	1950	CLR	20			105	70	29	11	04		993		LEF
SA	2045	CLR	20			108	68	29	08	05		994		LEF
SA	2147	CLR	20			107	66	28	10	06		994	103 83	LEF
SA	2245	CLR	20			104	63	29	09	05		993		LEF
SA	2349	CLR	20			104	59	29	04	03		993		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_ts$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 16

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.590	62.7	50.1	40	7	7	AC	E150												7	1	.020			00-01
01 46	26.590	61.6	49.6	43	5															5					01-02
02 50	26.600	60.1	48.6	44	5															5					02-03
03 46	26.610	60.3	49.1	45	1	1	AC	100												1	3	020			03-04
04 45	26.610	60.1	48.8	44	3															0					04-05
05 45	26.620	62.6	48.8	36	0															0					05-06
06 45	26.630	63.7	49.9	37	0															0	3	020			06-07
07 45	26.640	67.2	51.5	34	0															0					07-08
08 45	26.645	70.7	52.8	29	0															0					08-09
09 45	26.630	74.5	54.0	25	0	0	Cu	60	0	Ci	300	0								0	0	000			09-10
10 45	26.620	76.4	52.2	16	0															0					10-11
11 45	26.610	78.6	53.5	16	0															0					11-12
12 45	26.595	80.0	54.0	15	0	0	Cu	60	0	Ci	300	0								0	7	035			12-13
13 45	26.575	81.3	54.7	15	0															0					13-14
14 50	26.555	82.1	54.8	14	0															0					14-15
15 47	26.535	83.2	55.1	14	0	0	Cu	60												0	7	060			15-16
16 46	26.525	82.6	54.6	13	0															0					16-17
17 47	26.525	80.4	53.0	12	0															0					17-18
18 48	26.530	75.4	51.4	16	0															0	5	005			18-19
19 50	26.530	70.2	50.0	21	0															0					19-20
20 45	26.540	67.5	49.0	24	0															0					20-21
21 47	26.540	66.3	48.0	23	0															0	1	010			21-22
22 45	26.530	62.6	46.7	28	0															0					22-23
23 49	26.530	59.2	45.1	32	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	63	60	X	X						X		
	0342	1	0	0	0	67	60		0								
	0943	2	0	0	0	75	60		0								
	1542	3	0	0	0	83	75		0								
	2142	4	0	0	0	83	66		0								
	MID.	X	0	0	0	66	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.630	26.535	26.540
BAROGRAPH 64	26.600	26.630	26.530	26.530
BAR. CORR. 65	+010	0	+005	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	59	0	0	0	24	SW	1610					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: 0808 -2 sec / 2321 -2 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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	0047	CLR	20			100	58	31	35	01		992	707	LEF
SA	0148	CLR	20			105	58	31	22	02		993		LEF
SA	0245	CLR	20			100	58	29	07	01		992		LEF
SA	0345	250 -BKN	20			100	58	28	11	03		992	000 1008 57 RADAT 45118	RK
SA	0445	250 -BKN	20			101	56	30	36	02		992		RK
SA	0550	250 -BKN	20			107	60	30	20	04		994		RK
SA	0647	250 -BKN	20			110	65	32	00	00		995	308 1008	RK
SA	0745	250 -BKN	20			109	72	34	00	00		995		RK
SA	0845	250 -BKN	20			106	78	31	34	04		995		RK
SA	0945	250 -OVC	20			100	82	32	17	11		993	805 110~~8~~7 55	RK
SA	1048	250 -OVC	20			096	83	32	19	17G	25	992		RK
SA	1146	250 -OVC	20			090	85	29	17	18G	24	990		RK
SA	1245	250 -OVC	20			081	86	30	18	19G	24	987	719 1107	RK
SA	1345	250 -OVC	20			071	86	28	19	15G	21	984		RK
SA	1450	250 -OVC	20			064	86	28	21	18G	24	982		RK
SA	1548	250 -OVC	20			048	85	33	19	18G	28	978	729 1107 86 RADAT 62126	LEF
SA	1649	250 -OVC	20			045	84	29	21	19G	29	976		LEF
SA	1747	250 -OVC	20			040	81	29	19	19		975		LEF
SA	1848	140 ScT 250 -OVC	20			037	79	26	21	16		974	710 1077	LEF
SA	1947	140 ScT 260 -OVC	20			035	77	30	21	15		974		LEF
SA	2049	140 ScT 250 -OVC	20			033	76	33	21	14		975		LEF
SA	2148	140 ScT 250 -OVC	20			028	73	35	16	10		974	802 1077 86	LEF
SA	2247	140 ScT 250 -OVC	20			019	73	35	18	13G	22	971		LEF
SA	2345	140 ScT 250 -BKN	20			019	71	36	19	16G	37	971	PK WIND 1937/39	LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_{hs}$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 17

To convert LST to GMT ADD 7 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	26.520	57.8	45.0	36	0															0	7	020			00-01
01 48	26.530	57.7	45.0	36	0															0					01-02
02 45	26.520	58.0	44.5	33	0															0					02-03
03 45	26.520	58.1	44.3	32	7	7	Cs	250												1	0	000			03-04
04 45	26.520	58.0	44.0	37	7															1					04-05
05 50	26.540	60.2	45.9	32	8															1					05-06
06 47	26.545	64.7	48.4	29	8	8	Cs	250												1	3	025			06-07
07 45	26.545	71.7	52.0	25	8															1					07-08
08 45	26.545	77.5	53.5	18	8															1					08-09
09 45	26.530	81.8	55.8	16	10	0	Cu	60	10	Cs	250	10								1	8	015			09-10
10 48	26.520	83.2	56.0	16	10															1					10-11
11 46	26.500	85.2	56.1	13	10															1					11-12
12 45	26.475	86.0	56.6	13	10	0	Cu	60	10	Cs	250	10								3	7	055			12-13
13 45	26.450	86.1	56.2	12	10															4					13-14
14 50	26.430	86.2	56.2	12	10															4					14-15
15 48	26.390	84.5	56.8	16	10	0	Cu	60	10	Cs	250	10								4	7	085			15-16
16 49	26.375	84.0	55.5	13	10															5					16-17
17 47	26.365	81.2	54.5	15	10															5					17-18
18 48	26.360	79.3	53.0	14	10	2	AC	140	8	CS	250	10								5	7	030			18-19
19 47	26.360	77.0	53.0	17	10															5					19-20
20 49	26.365	75.6	53.5	21	10															5					20-21
21 48	26.355	72.8	53.0	25	10	1	AC	140	9	CS	250	10								4	8	005			21-22
22 47	26.330	72.7	53.0	25	10															4					22-23
23 45	26.330	71.0	52.7	28	9															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	59	57	X	X						X		
	0341	1	0	0	0	66	57		0								
	0942	2	0	0	0	82	55		0								
	1543	3	0	0	0	86	82		0								
	2143	4	0	0	0	85	73		0								
	MID.	X	0	0	0	73	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.530	26.390	26.355
BAROGRAPH 64	26.520	26.530	26.390	26.355
BAR. CORR. 65	0	0*	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
86	55	0	0	0	37	S	2339					9	8		

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: 0652 -2 SEC 2122 -2 SEC

* BAROGRAM CHANGED/RESET TO ZERO

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK NV

DATE: 1982 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 (00-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	140 SCT 250 -BKN	20			015	70	37	20	17G	28	970	712 1078	LEF
SA	0145	140 SCT 250 -BKN	20			011	69	38	20	13G	23	969		LEF
SA	0245	140 SCT 250 -BKN	20			005	68	37	19	19G	28	967		LEF
SA	0345	250 -BKN	20			003	68	34	20	26G	35	966	612 1078 67 RADAT 24121	RK
SA	0445	250 -BKN	20			001	68	32	20	18G	27	965		RK
SA	0546	250 -BKN	20			008	68	33	22	15G	26	967		RK
SA	0647	250 -OVC	20			003	69	35	20	24G	35	965	803 1077	RK
SA	0749	250 -OVC	20			003	70	36	19	26G	35	965	PK WND 2038/32	RK
SA	0848	250 -OVC	20		011	~~986~~	72	34	19	15G	27	968	CU NW	RK
~~SA~~	~~0945~~	~~60SCT 250-OVC~~												
SA	0945	60 SCT 120SCT 250-OVC	20			020	72	33	24	23G	28	970	CU NW 315 1237 67	RK
SA	1045	60 SCT 250-OVC	20			020	75	28	20	19G	31	970		RK
SA	1147	60 SCT 250-SCT	20			020	76	28	20	16G	27	970		RK
SA	1248	60 SCT 250-BKN	20			020	77	26	15	06		970	VIRGA DSNT N 400 1204	RK
SA	1345	E 60 BKN 250 BKN	20			035	69	37	03	23G	32	973	VIRGA NE	RK
SA	1450	60 SCT 250 -BKN	20			040	70	37	02	17G	22	974		RK
SA	1547	60 SCT	20			035	70	33	03	10		973	010 1100 78 RADAT 56111	LEF
SA	1646	60 SCT	20			035	71	35	04	11		973		LEF
SA	1745	CLR	20			045	68	35	03	12		976		LEF
SA	1846	CLR	20			055	66	37	02	11		979	315 1100	LEF
SA	1945	CLR	20			066	64	37	02	10		982		LEF
SA	2045	CLR	20			077	61	38	03	11		984		LEF
SA	2145	CLR	20			086	60	38	05	04		987	225 78	LEF
SA	2245	CLR	20			087	60	39	09	12		988		LEF
SA	2346	CLR	20			089	59	39	08	06		988		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: ttttt Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK NV
DATE: 1982 MAY 18
To convert LST to GMT ADD 8 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.
0048	26.320	70.0	52.6	30	8	2	Ac	140	6	CS	250	8								4	7	035			00-01
0145	26.310	69.0	52.4	32	8															4					01-02
0245	26.290	68.0	51.7	32	8															4					02-03
0345	26.285	68.3	50.8	28	6	0	Ac	140	6	Cs	250	6								1	6	035			03-04
0445	26.275	67.9	49.8	26	8															1					04-05
0546	26.290	68.0	50.4	28	8															1					05-06
0647	26.275	68.9	51.2	28	10	0	Ac	140	10	Cs	250	10								1	8	010			06-07
0749	26.275	70.0	52.0	28	10															1					07-08
0848	26.380	71.9	52.1	25	10															2					08-09
0945	26.320	72.4	52.2	24	10	1	Cu	60	0	Ac	120	1	10	Cs	250	10				3	3	045			09-10
1045	26.320	75.2	51.8	17	10															3					10-11
1147	26.320	76.3	52.2	16	5															1					11-12
1248	26.320	76.6	51.9	15	8	3	Cu	60	5	Cs	250	8								4	4	000			12-13
1345	26.350	68.8	52.0	31	8															6					13-14
1450	26.360	70.1	52.3	29	7															2					14-15
1547	26.350	70.0	51.1	25	4	4	Cu	60												4	0	030			15-16
1646	26.350	70.7	51.9	26	3															3					16-17
1745	26.370	68.4	51.0	29	0															0					17-18
1846	26.395	66.0	50.6	34	0	0	Cu	60												0	3	045			18-19
1945	26.425	63.5	49.7	37	0															0					19-20
2045	26.450	61.0	48.9	42	0															0					20-21
2145	26.470	60.0	48.7	44	0															0	2	075			21-22
2245	26.480	60.0	49.0	46	0															0					22-23
2346	26.485	58.6	47.6	45	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	71	67	X	X						X		
	0341	1	0	0	0	73	67		0								
	0941	2	0	0	0	73	67		0								
	1542	3	0	0	0	78	66		0								
	2140	4	0	0	0	70	60		0								
	MID.	X	0	0	0	60	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.285	26.320	26.350	26.470
BAROGRAPH 64	26.285	26.310	26.345	26.470
BAR. CORR. 65	0	+010	+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
78	59	0	0	0	38	S	0732					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: 0700 -2 SEC 2315 -2 SEC

MF1-10B

☆ U.S. GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK NV

SURFACE WEATHER OBSERVATIONS

DATE: 1982 MAY 19

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. (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED Knots (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0046	CLR	20			092	56	38	33	06		989	207	LEF
SA	0145	CLR	20		101	~~095~~	53	37	03	03		989		LEF
SA	0249	CLR	20			103	52	38	05	02		990		LEF
SA	0345	CLR	20			099	55	36	03	07		990	103 52 RADAT 48099	CRD
SA	0448	CLR	20			108	51	37	27	04		992	CI E	CRD
SA	0545	CLR	20			115	57	36	03	12		994	CI E	CRD
SA	0645	CLR	20			124	59	35	04	10		997	222	CRD
SA	0745	CLR	20			127	62	35	04	18		998		CRD
SA	0846	CLR	20			134	64	31	05	10		999		CRD
SA	0947	CLR	20			129	67	34	04	07		998	005 51	CRD
SA	1045	CLR	20			132	69	31	06	12		999		CRD
SA	1145	CLR	20			128	70	29	04	07		998		CRD
SA	1245	CLR	20			117	73	27	06	12		995	810	CRD
SA	1346	CLR	20			105	76	23	36	04		992		CRD
SA	1450	CLR	20			106	78	19	05	06		992		CRD
SA	1546	CLR	20			107	78	22	36	11		993	507 79 RADAT 20136	LEF
SA	1647	CLR	20		105	100	78	23	04	13		992		LEF
SA	1745	CLR	20			102	77	21	04	07		992		LEF
SA	1847	CLR	20			110	74	23	04	05		994	302	LEF
SA	1947	CLR	20			116	68	20	06	09		996		LEF
SA	2046	CLR	20			124	66	167	05	06		998		LEF
SA	2145	CLR	20			127	64	20	05	08		999	215 79	LEF
SA	2249	CLR	20			125	66	24	08	08		999		LEF
SA	2345	CLR	20			130	64	24	04	11		000		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $Y_bC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh_sh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115-1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 19

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.490	56.1	46.8	50	0															0	2	.020			00-01
01 45	26.495	52.8	45.1	56	0															0					01-02
02 49	26.500	51.7	45.0	61	0															0					02-03
03 45	26.500	54.9	45.4	49	0															0	1	.010			03-04
04 48	26.520	50.8	44.0	59	0															0					04-05
05 45	26.540	57.2	46.5	45	0															0					05-06
06 45	26.565	59.0	47.2	41	0															0	2	.065			06-07
07 45	26.575	61.5	48.0	36	0															0					07-08
08 46	26.590	64.1	47.9	29	0															0					08-09
09 47	26.580	67.0	50.0	29	0															0	0	.015			09-10
10 45	26.590	69.1	50.2	24	0															0					10-11
11 45	26.580	70.2	49.9	21	0															0					11-12
12 45	26.550	73.1	50.8	18	0															0	8	.030			12-13
13 46	26.520	75.9	51.0	14	0															0					13-14
14 50	26.520	78.2	51.0	11	0															0					14-15
15 46	26.530	77.9	51.5	12	0															0	5	.020			15-16
16 47	26.520	77.9	51.7	13	0															0					16-17
17 45	26.520	76.7	50.9	12	0															0					17-18
18 47	26.535	73.6	50.0	15	0															0	3	.005			18-19
19 47	26.550	68.0	46.9	16	0															0					19-20
20 46	26.570	66.4	45.8	16	0															0					20-21
21 45	26.580	64.2	45.0	18	0															0	2	.045			21-22
22 49	26.580	66.1	47.0	21	0															0					22-23
23 45	26.590	64.1	45.9	21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	59	52	X	X						X		
	0343	1	0	0	0	60	52		0								
	0943	2	0	0	0	69	51		0								
	1541	3	0	0	0	79	67		0								
	2140	4	0	0	0	78	64		0								
	MID.	X	0	0	0	66	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.580	26.530	26.580
BAROGRAPH 64	26.505	26.580	26.530	26.570
BAR. CORR. 65	-.005	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 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
79	51	0	0	0	33	NE	1528					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 0850P -2 SEC. 2329 -2 SEC.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 20

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

TYPE (1.)	TIME (LST) (2.)	SKY AND CEILING (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 (Inches) (12.)	REMARKS AND SUPPLEMENTAL CODED DATA (13.)	OBSERVER'S INITIALS (15.)
SA	0048	CLR	20			128	63	22	07	13		000	303	LEF
SA	0149	CLR	20			129	62	24	06	15		000		LEF
SA	0248	CLR	20			131	60	24	07	12		001		LEF
SA	0346	CLR	20			138	60	24	04	12		002	207 1001 60 RADAT 20122	CRD
SA	0447	CLR	20			140	59	26	05	11		003	CI E	CRD
SA	0545	CLR	20			146	61	27	05	13		005		CRD
SA	0646	CLR	20			150	63	26	03	12		006	214	CRD
SA	0745	CLR	20			152	66	27	03	15		006		CRD
SA	0845	CLR	20			151	72	26	03	14		006		CRD
SA	0945	CLR	20			150	76	27	10	05		006	400 59	CRD
SA	1046	CLR	20			139	78	24	15	12		004		CRD
SA	1147	CLR	20			135	81	23	16	04		003		CRD
SA	1246	250 - SCT	20			128	82	21	27	05		001	717 1008	CRD
SA	1345	250 - SCT	20			120	84	20	22	06		998		CRD
SA	1448	250 - BKN	20			115	85	18	27	05		996		CRD
SA	1550	250 - SCT	20			106	82	21	04	09		994	720 1008 85 RADAT 20132	WRG
SA	1650	250 - BKN	20			104	81	23	31	04		993		WRG
SA	1750	250 - BKN	20			106	82	21	26	04		994		WRG
SA	1850	250 - BKN	20			107	76	20	24	06		994	500 1008	WRG
SA	1950	250 - BKN	20			113	71	22	04	06		995		WRG
SA	2050	250 - SCT	20			114	70	22	10	07		996		WRG
SA	2150	250 - SCT	20			117	67	22	11	07		997	210 1008 85	WRG
SA	2250	250 - SCT	20			115	62	25	00	00		996		WRG
SA	2350	250 - SCT	20			114	61	26	27	03		996		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK NV

DATE: 1982 MAY 20

To convert LST to GMT ADD 8 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	26.590	62.8	45.0	21	0															0	3	010			00-01
01 49	26.595	62.0	45.0	23	0															0					01-02
02 48	26.600	60.3	44.3	25	0															0					02-03
03 46	26.610	58.8	44.1	25	0	0	CI	250												0	2	.020			03-04
04 47	26.620	58.7	43.9	28	0															0					04-05
05 45	26.640	61.0	45.0	28	0															0					05-06
06 46	26.650	63.1	45.9	24	0															0	2	.040			06-07
07 45	26.650	66.1	47.8	23	0															0					07-08
08 45	26.650	72.4	50.1	17	0															0					08-09
09 45	26.650	76.4	52.0	16	0															0	4	.000			09-10
10 46	26.630	78.4	52.2	13	0															0					10-11
11 47	26.620	81.2	53.0	11	0															0					11-12
12 46	26.600	82.3	53.1	10	2	2	CS	250												0	7	.050			12-13
13 45	26.580	83.8	53.6	9	5															0					13-14
14 48	26.560	84.7	53.6	9	8															0					14-15
15 50	26.540	81.6	52.9	11	5	5	CS	250												1	7	.060			15-16
16 50	26.530	81.4	53.1	11	6															1					16-17
17 50	26.540	81.7	53.0	11	6															2					17-18
18 50	26.540	76.2	50.4	12	7	7	CS	250												2	5	.000			18-19
19 50	26.550	70.7	48.5	16	6															2					19-20
20 50	26.560	70.0	48.2	16	5															1					20-21
21 50	26.570	67.2	47.0	18	2	2	CS	250												1	2	.030			21-22
22 50	26.560	62.4	45.4	23	2															1					22-23
23 50	26.560	61.0	45.0	26	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0844	X	0	0	X	64	60	X	X						X		
	0844	1	0	0	0	66	60		0								
	0943	2	0	0	0	77	59		0								
	1546	3	0	0	0	85	76		0								
	2146	4	0	0	0	83	67		0								
	MID.	X	0	0	0	67	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0845	0944	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.650	26540	26570
BAROGRAPH 64	26.610	26.650	26540	26555
BAR. CORR. 65	0	0	0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	59	0	0	0	18	W	1216					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 0950P -2SEC / 1803 -2 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 21

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	250 -SCT	20			115	59	25	00	00		996	603 1008	WRG
SA	0150	CLR	20			112	59	25	03	04		996	FCW CS NW	WRG
SA	0250	250 - SCT	20			111	56	24	06	04		995		WRG
SA	0345	250-SCT	20			113	56	24	04	07		995	603 1008 55 RADAT 32112	CRD
SA	0445	250-BKN	20			111	56	21	11	02		995		CRD
SA	0546	250-OVC	20			110	61	25	34	04		995		CRD
SA	0647	E250 OVC	20			118	67	27	34	02		997	307 1007	CRD
SA	0745	E250 OVC	20			117	73	23	29	03		997		CRD
SA	0845	E250 OVC	20			116	77	26	19	06		997		CRD
SA	0945	E250 OVC	20			108	80	25	13	09		995	807 1007 55	CRD
SA	1047	E250 OVC	20			105	84	21	13	08		994		CRD
SA	1145	E250 OVC	20			101	85	26	21	03		993		CRD
SA	1246	E250 OVC	20			086	86	23	29	05		988	720 1007	CRD
SA	1346	E250 OVC	20			082	86	29	24	10		987		CRD
SA	1449	E250 OVC	20			080	87	22	23	09		986		CRD
SA	1546	E250 OVC	20			075	87	25	24	10		985	710 1007 88 RADAT 44125	CRD
SA	1654	140 SCT E250 OVC	20			072	84	30	21	13		984		WRG
SA	1750	140 SCT E250 OVC	20			068	83	28	23	08		983		WRG
SA	1850	140 SCT E250 BKN	20			070	80	26	19	07		984	503 1078	WRG
SA	1950	250 - BKN	20			075	75	29	11	06		986		WRG
SA	2050	250 - BKN	20			079	71	29	06	07		987		WRG
SA	2150	250 - SCT	20			079	67	27	10	07		987	108 1008 88	WRG
SA	2250	250 - SCT	20			077	67	26	13	07		987		WRG
SA	2350	250 - SCT	20			077	65	26	03	05		987		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: (Iii) Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ $f_d f_d$ gopp $6P_oP_oP_oP_o$ $7RRR_{fs}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_sT_sT_nT_n$

U S GPO 1980-0-665-115-1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 21

To convert LST to GMT ADD 8 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	H.M.
00 50	26.560	58.9	43.8	27	3	3	CS	250												1	6	.010			00-01
01 50	26.555	59.2	43.8	27	0															0					01-02
02 50	26.550	56.1	42.2	29	1															0					02-03
03 45	26.550	55.8	42.0	29	5	5	CS	250												1	6	.010			03-04
04 45	26.545	55.5	41.2	26	8															2					04-05
05 46	26.550	60.8	44.8	26	10															5					05-06
06 47	26.570	66.8	48.0	22	10	10	CS	E250												6	3	.020			06-07
07 45	26.570	73.3	49.9	15	10															6					07-08
08 45	26.570	77.0	52.0	15	10															7					08-09
09 45	26.550	80.3	53.2	13	10	10	CS	E250												6	8	.020			09-10
10 47	26.540	84.0	53.8	10	10															6					10-11
11 45	26.530	84.7	55.2	12	10															7					11-12
12 46	26.470	86.1	55.0	10	10	10	CS	E250												6	7	.060			12-13
13 46	26.480	86.4	56.4	12	10															6					13-14
14 49	26.470	86.5	55.0	9	10															7					14-15
15 46	26.460	86.8	55.8	11	10	10	CS	E250												6	7	.030			15-16
16 54	26.450	84.0	55.8	14	10															7					16-17
17 50	26.440	82.6	54.9	14	10															7					17-18
18 50	26.450	79.6	53.2	14	8	1	AC	140	8	CS	E250	8								6	5	.010			18-19
19 50	26.465	75.0	52.1	18	7															3					19-20
20 50	26.475	70.9	50.0	21	7															3					20-21
21 50	26.475	67.2	48.3	22	5	5	CS	250												2	1	.025			21-22
22 50	26.475	66.9	47.8	21	2															1					22-23
23 50	26.475	65.2	46.9	22	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	61	55	X	X						X		
	0843	1	0	0	0	67	55		0								
	0943	2	0	0	0	81	55		0								
	1544	3	0	0	0	88	80		0								
	2146	4	0	0	0	87	67		0								
	MID.	X	0	0	0	68	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0844	0944	1545	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.550	26.460	26.475
BAROGRAPH 64	26.535	26.550	26.460	26.465
BAR. CORR. 65	+.015	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
88	55	0	0	0	15	SW	1643					10	8		

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 0600P -2 SEC / 2347 -1 SEC

* BAROGRAPH CHART CHANGED.

MF1-10B

☆ U.S. GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 22

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 Knots (10)	WIND CHARACTER (11)	ALTIMETER SETTING Ins. (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0050	250 - SCT	20			078	63	25	06	10		987	400 1008	WRG
SA	0150	250 - SCT	20			079	59	25	02	05		986		WRG
SA	0250	250 - BKN	20			077	61	25	34	04		986		WRG
SA	0345	250 - SCT	20			080	59	26	11	07		987	500 1008 58 RADAT 49120	CRD
SA	0445	250 - SCT	20			086	58	26	12	06		988		CRD
SA	0547	250 - SCT	20			089	62	30	12	05		990		CRD
SA	0645	CLR	20			092	68	25	35	03		991	212	CRD
SA	0747	CLR	20			092	75	30	31	04		992		CRD
SA	0845	CLR	20			089	79	28	31	05		991		CRD
SA	0946	CLR	20			089	83	30	13	04		991	400 1100 57	CRD
SA	1045	CLR	20			082	85	33	22	05		988	CU ALQDS	CRD
SA	1148	CLR	20			078	87	26	36	03		987	CU ALQDS	CRD
SA	1245	CLR	20			073	88	31	27	05		986	715 1100	CRD
SA	1346	CLR	20			070	88	26	19	11		984	CU ALQDS	CRD
SA	1450	80 SCT	20			065	89	27	31	10		983		CRD
SA	1550	80 SCT	20			059	87	24	25	08		981	715 1100 90 RADAT 50129	WRG
SA	1650	80 SCT	20			055	87	26	29	05		980		WRG
SA	1750	80 SCT	20			058	85	25	24	09		981	TCU DSNT NW	WRG
SA	1850	80 SCT	20			066	80	26	24	07		983	307 1400	WRG
SA	1950	80 SCT	20			069	74	25	04	06		984		WRG
SA	2050	80 SCT	20			074	74	27	05	10		986		WRG
SA	2150	80 SCT	20			077	71	26	13	04		987	214 1400 90	WRG
SA	2250	80 SCT	20			080	74	27	06	09		989		WRG
SA	2350	80 SCT	20			080	72	32	06	11		989		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dgopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_sh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115: 1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 22

To convert LST to GMT ADD 8 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	26.475	63.0	45.8	24	2	2	CS	250												1	4	.000			00-01
01 50	26.470	59.1	44.0	27	2															1					01-02
02 50	26.470	61.1	44.9	25	6															2					02-03
03 45	26.475	59.2	44.3	28	5	5	CS	250												2	5	.000			03-04
04 45	26.485	57.8	43.5	29	5															2					04-05
05 47	26.500	62.4	47.0	30	2															0					05-06
06 45	26.510	67.5	47.8	20	0															0	2	.035			06-07
07 47	26.515	75.2	52.4	19	0															0					07-08
08 45	26.510	79.3	53.6	15	0															0					08-09
09 46	26.510	82.8	55.3	15	0	0	CU	80												0	4	.000			09-10
10 45	26.490	84.8	56.8	16	0															0					10-11
11 48	26.480	86.6	55.8	11	0															0					11-12
12 45	26.465	88.2	57.5	13	0	0	CU	80												0	7	.045			12-13
13 46	26.450	87.5	56.2	11	0															0					13-14
14 50	26.440	89.3	56.8	11	1															1					14-15
15 50	26.420	86.8	55.5	10	3	3	CU	80												3	7	.045			15-16
16 50	26.410	87.2	56.2	11	2															2					16-17
17 50	26.420	85.2	55.2	11	2															2					17-18
18 50	26.440	80.0	53.3	14	2	2	SC	80												2	3	.020			18-19
19 50	26.450	74.0	50.7	16	3															3					19-20
20 50	26.470	74.0	51.0	17	2															2					20-21
21 50	26.480	70.7	49.4	18	2	2	SC	80												2	2	.040			21-22
22 50	26.495	73.5	51.8	18	3															3					22-23
23 50	26.495	72.3	51.6	23	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	65	58	X	X						X		
	0343	1	0	0	0	68	58		0								
	0944	2	0	0	0	84	57		0								
	1546	3	0	0	0	90	63		0								
	2146	4	0	0	0	88	71		0								
	MID.	X	0	0	0	75	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.475	26.510	26.420	26.480
BAROGRAPH 64	26.460	26.510	26.420	26.460
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
90	57	0	0	0	12	NE	2346					1	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK 1050P -15.2 / 2345 -1sec

*Last of several occurences

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 23

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	80 SCT	20			081	71	35	04	15		989	105 1400	WRG
SA	0150	80 SCT	20			081	71	35	03	17		989		WRG
SA	0250	80 SCT	20			087	69	37	06	12		991		WRG
SA	0347	CLR	20			091	68	39	05	12		992	308 1070 68 RADAT 56125	MG
SA	0450	250-SCT	20			099	67	37	05	16		994		MG
SA	0549	250-SCT	20			111	69	38	06	13		997		MG
SA	0647	CLR	20			117	71	38	04	15		998	120 1071	MG
SA	0746	CLR	20			123	74	39	03	14		999		MG
SA	0850	CLR	20			120	78	38	02	14		999		MG
SA	0945	CLR	20			119	83	38	02	12		999	TCU SE / 103 1200 67	MG
SA	1045	CLR	20			114	84	34	03	12		998	TCU SE	MG
SA	1150	CLR	20			106	88	34	04	13		996		MG
SA	1248	CLR	20			103	87	30	29	07		995	714 1100	MG
SA	1347	CLR	20			093	90	30	03	14	G36	993	PK WND 3136/42	MG
SA	1450	CLR	20			087	88	31	01	04		991		MG
SA	1546	250-SCT	20			084	88	29	16	08		990	TCU OUTNS SE 617	MR
													1201 91 RADAT 49131	
SA	1644	250-BKN	20			079	87	29	35	07		988	CB S MOVG SW	MR
SA	1744	250-OVC	20			076	87	30	01	10		987	CB DSNT S MOVG SW	MR
SA	1846	250-OVC	20			077	84	24	03	07		988	CB DSNT S 503 1901	MR
SA	1948	250-OVC	20			088	77	22	05	08		990		MR
SA	2048	250-BKN	20			095	74	24	03	09		992		MR
SA	2148	250-SCT	20			093	74	26	04	10		992	112 1001 91	MR
SA	2246	250-SCT	20			097	74	26	03	10		993		MR
SA	2346	250-SCT	20			100	73	29	05	12		995		MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Ilrii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 23

To convert LST to GMT ADD 6 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	26.495	71.3	52.4	27	1	1	Sc	80												1	1	.015			00-01
01 50	26.495	70.4	52.0	27	2															2					01-02
02 50	26.510	68.8	52.1	32	1															1					02-03
03 47	26.520	68.2	52.6	35	0	0	Ac	120												0	3	.025			03-04
04 50	26.540	67.2	51.2	32	3															0					04-05
05 49	26.570	68.7	52.1	32	2															0					05-06
06 47	26.580	70.9	53.3	31	0	0	Ac	120	0	Ci	250	0								0	1	.060			06-07
07 46	26.590	73.7	54.7	29	0															0					07-08
08 50	26.590	78.0	56.0	24	0															0					08-09
09 45	26.590	82.6	57.5	20	0	0	TCu	80												0	1	.010			09-10
10 45	26.580	83.9	57.0	17	0															0					10-11
11 50	26.560	87.5	58.1	15	0															0					11-12
12 48	26.530	87.1	56.9	13	0	0	CU	90												0	7	.040			12-13
13 47	26.530	89.8	58.0	12	0															0					13-14
14 50	26.510	88.0	57.5	13	0															0					14-15
15 46	26.500	87.7	57.0	12	2	0	Cu	100	2	Ci	250	2								1	6	.050			15-16
16 44	26.485	87.0	56.6	12	6															2					16-17
17 44	26.480	87.2	56.9	13	10															3					17-18
18 46	26.490	84.1	54.4	11	10	0	CB	80	10	Ci	250	10								3	5	.010			18-19
19 48	26.505	77.0	51.1	13	10															2					19-20
20 48	26.525	74.2	50.5	15	7															1					20-21
21 48	26.525	74.3	50.9	16	4	4	Ci	250												1	1	.035			21-22
22 46	26.535	74.0	50.8	17	2															0					22-23
23 46	26.545	72.9	51.0	19	5															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	72	68	X	X						X		
	0343	1	0	0	0	75	68		0								
	0942	2	0	0	0	83	67		0								
	1541	3	0	0	0	91	83		0								
	2143	4	0	0	0	88	74		0								
	MID.	X	0	0	0	74	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1544	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.590	26.520	26.525
BAROGRAPH 64	26.500	26.570	26.490	26.510
BAR. CORR. 65	+.020	+.020	+.010	+.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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	67	0	0	0	36	NW	1342					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: 0654 -2 SEC / 1552P -2 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 24

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	250 - SCT	20			108	72	31	07	07		996	210 1001	MR
SA	0148	CLR	20			101	71	31	04	10		995		MR
SA	0250	CLR	20			103	69	33	04	10		995		MR
SA	0345	210 - BKN	20			106	68	35	04	13		996	302 1006 68 RADAT 55129	MR
SA	0451	210 - BKN	20			110	68	36	06	15		997		MR
SA	0547	210 - BKN	20			114	70	34	04	13		998		MR
SA	0648	210 SCT	20			118	72	34	05	10		999	210 1001	MR
SA	0745	210 - BKN	20			120	74	34	02	15		999		MR
SA	0845	210 - BKN	20			120	78	32	01	13		999		MR
SA	0946	210 - BKN	20			115	80	31	06	07		998	803 1101 68	MR
SA	1047	210 - BKN	20			110	82	33	07	10		997		MR
SA	1149	210 - BKN	20			102	85	28	36	06		995		MR
SA	1247	210 - BKN	20			091	86	24	32	10		992	820 1101	MR
SA	1347	210 - BKN	20			080	87	26	03	12		988		MR
SA	1450	CLR	20			072	89	28	07	06		986		MR
SA	1549	CLR	20			065	88	27	08	10		984	724 1101 90 RADAT 35130	MR
SA	1644	CLR	20			062	88	27	03	07		983		MR
SA	1744	CLR	20			057	87	24	04	07		982		MR
SA	1845	CLR	20			061	84	25	04	10		983	503 1061	MR
SA	1944	CLR	20			065	78	27	05	07		983		MR
SA	2046	CLR	20			066	75	25	06	09		984		MR
SA	2147	CLR	20			068	77	26	02	07		985	307 90	MR
SA	2246	CLR	20			069	73	25	05	09		985		MR
SA	2346	CLR	20			068	72	26	05	10		985		MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 24

To convert LST to GMT ADD 8 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.
0049	26.555	71.5	51.0	22	3	3	Ci	250												0	2	.030			00-01
0148	26.550	71.1	51.0	23	0															0					01-02
0250	26.550	68.9	50.5	26	0															0					02-03
0345	26.560	68.3	51.1	30	7	7	Ci	210												2	3	-.005			03-04
0451	26.570	67.6	51.0	31	7															2					04-05
0547	26.580	69.6	51.1	26	6															0					05-06
0648	26.590	72.1	52.3	25	2	2	Ci	210												2	2	.030			06-07
0745	26.590	73.9	53.0	23	7															2					07-08
0845	26.590	78.0	54.0	19	7															1					08-09
0946	26.580	80.1	54.7	17	7	0	Cu	90	7	Ci	210	7								1	8	.010			09-10
1047	26.570	81.8	55.8	17	9															2					10-11
1149	26.550	84.6	55.6	13	9															0					11-12
1247	26.520	86.2	55.2	10	9	0	Cu	90	9	Ci	210	9								1	8	.060			12-13
1347	26.490	87.2	56.0	11	6															0					13-14
1450	26.470	88.7	57.0	11	0															0					14-15
1549	26.450	87.7	56.5	11	0	0	Cu	90	0	Ci	250	0								0	7	.070			15-16
1644	26.440	87.7	56.4	11	0															0					16-17
1744	26.430	86.6	55.4	10	0															0					17-18
1845	26.440	84.0	54.6	11	0	0	Ac	90	0	Ci	250	0								0	5	.010			18-19
1944	26.445	77.5	52.5	15	0															0					19-20
2046	26.450	74.7	51.0	16	0															0					20-21
2147	26.460	77.2	51.7	15	0															0	3	.020			21-22
2246	26.460	73.0	50.1	16	0															0					22-23
2346	26.460	72.1	50.0	18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	73	68	X	X						X		
	0341	1	0	0	0	74	68		0								
	0942	2	0	0	0	80	68		0								
	1543	3	0	0	0	90	80		0								
	2142	4	0	0	0	89	73		0								
	MID.	X	0	0	0	77	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.520	26.450	26.460
BAROGRAPH 64	26.540	26.570	26.440	26.440
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
90	68	0	0	0	22	NE	1357					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: 0652 - 2 SEC / 1644 - 2 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 2 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 (15)
SA	0046	CLR	20			070	70	25	04	12		986	302	MR
SA	0145	CLR	20			076	70	25	07	05		987		MR
SA	0250	CLR	20			076	68	24	05	08		987		MR
SA	0347	CLR	20			076	67	26	03	12		987	105 67 RADAT 47127	MR
SA	0449	CLR	20			080	66	26	05	14		988		MR
SA	0548	CLR	20			088	69	27	05	13		991		MR
SA	0645	CLR	20			091	71	28	04	13		992	214	MR
SA	0745	CLR	20			090	75	28	04	12		991		MR
SA	0845	CLR	20			088	78	32	04	10		991		MR
SA	0946	CLR	20			080	81	31	07	09		988	810 1100 66	MR
SA	1048	CLR	20			076	83	29	08	05		987		MR
SA	1147	CLR	20			068	85	28	18	07		985		MR
SA	1245	CLR	20			060	87	30	34	06		983	817 1100	MR
SA	1345	CLR	20			053	86	29	31	05		981		MR
SA	1445	CLR	20			045	87	30	06	05		979		MR
SA	1547	CLR	20			036	89	30	07	02		976	722 1100 91 RADAT 46129	MR
SA	1644	CLR	20			035	88	28	28	06		975		MR
SA	1745	CLR	20			031	87	27	19	03		974		MR
SA	1846	CLR	20			031	84	27	22	04		974	605 1060	MR
SA	1950	CLR	20			035	75	26	09	03		975		MR
SA	2046	CLR	20			036	74	26	10	04		975		MR
SA	2148	CLR	20			035	75	25	09	06		975	103 91	MR
SA	2246	CLR	20			031	70	24	08	03		974		MR
SA	2346	CLR	20			030	74	24	15	04		974		MR

A synoptic observation, in WMO code format FM13V, is entered on line following related aviation observation.

FM13V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO 1980-0-665-115/1108

MF1-10B
(2-77)

SURFACE WEATHER OBSERVATIONS

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 25

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.465	70.4	49.1	18	0															0	3	.005			00-01
01 45	26.480	70.4	49.1	18	0															0					01-02
02 50	26.480	68.1	47.9	19	0															0					02-03
03 47	26.480	66.9	47.7	21	0															0	1	.015			03-04
04 49	26.490	65.6	47.1	22	0															0					04-05
05 48	26.510	68.9	49.0	21	0															0					05-06
06 45	26.520	70.6	50.0	20	0															0	2	.040			06-07
07 45	26.510	74.5	51.5	18	0															0					07-08
08 45	26.510	78.3	54.1	18	0															0					08-09
09 46	26.490	80.7	54.8	16	0	0	Cu	90												0	8	.030			09-10
10 48	26.480	83.0	55.3	14	0															0					10-11
11 47	26.460	84.8	55.7	13	0															0	"				11-12
12 45	26.440	86.5	56.7	13	0	0	Cu	100												0	8	.050			12-13
13 45	26.420	86.2	56.5	13	0															0					13-14
14 45	26.400	87.2	57.0	13	0															0					14-15
15 47	26.375	88.9	57.6	12	0	0	Cu	100												0	7	.065			15-16
16 44	26.370	88.3	56.9	11	0															0					16-17
17 45	26.360	87.1	56.4	12	0															0					17-18
18 46	26.360	83.5	54.9	13	0	0	Ac	100												0	6	.015			18-19
19 50	26.365	75.1	51.2	16	0															0					19-20
20 46	26.370	74.0	50.7	16	0															0					20-21
21 48	26.370	74.6	50.8	16	0															0	1	.010			21-22
22 46	26.360	69.5	48.5	18	0															0					22-23
23 46	26.360	73.6	50.2	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	72	67	X	X						X		
	0342	1	0	0	0	77	67		0								
	0941	2	0	0	0	81	66		0								
	1542	3	0	0	0	91	81		0								
	2141	4	0	0	0	90	74		0								
	MID.	X	0	0	0	75	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.490	26.375	26.370
BAROGRAPH 64	26.460	26.490	26.385	26.370
BAR. CORR. 65	+.020	0*	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	66	0	0	0	24	E	0908					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: 0552 -2 SEC / 1540P -2SEC.

* BAROGRAPH CHANGED RESET TO ±.0 CORR.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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)	OBSERVER'S INITIALS (14)
SA	0047	CLR	20			027	73	29	10	02		973	705	MR
SA	0147	CLR	20			023	75	33	11	05		972		MR
SA	0250	CLR	20			027	69	34	36	06		973		MR
SA	0350	CLR	20			026	69	34	33	07		973	502 69 RADAT 47130	MR
SA	0450	CLR	20			030	67	35	02	08		974		MR
SA	0546	CLR	20			030	71	33	03	06		974		MR
SA	0645	CLR	20			037	77	37	35	07		976	310	MR
SA	0745	CLR	20			034	80	38	36	06		975		MR
SA	0846	CLR	20			033	85	39	22	06		975		MR
SA	0948	CLR	20			028	88	36	20	17	G22	974	707 1100 66	MR
SA	1045	80 SCT 250 SCT	20			030	88	39	19	17	G24	974		MR
SA	1148	80 SCT 250 SCT	20			022	91	36	21	16	G23	973	7CU SE	MR
SA	1245	80 SCT 250 SCT	20			020	88	36	21	12	G20	972	807 1101	MR
SA	1345	80 SCT 250 SCT	20			007	91	33	20	10	G24	969	CB SE	MR
SA	1450	80 SCT 250 SCT	20			004	90	33	23	14	G24	967		MR
SA	1550	80 SCT 250 - BKN	20			000	89	28	20	17	G28	966	620 1101 92 RADAT 58130	EP
SA	1647	80 SCT 250 - BKN	20			004	88	24	19	19	G25	967		EP
SA	1749	250 - SCT	20			004	85	23	20	17	G25	967		EP
SA	1846	250 - SCT	20			007	82	25	20	15		968	307 1131	EP
SA	1947	80 SCT 250 - SCT	20			014	80	32	20	17	G25	970		EP
SA	2045	250 - SCT	20			015	79	34	21	17	G29	971		EP
SA	2150	250 - SCT	20			019	78	36	21	10		972	314 1401 92	EP
SA	2246	250 - SCT	20			014	77	36	20	15		971		EP
SA	2347	250 SCT	20			014	75	37	18	10		971		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 26

To convert LST to GMT ADD 8 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	26.355	72.7	51.0	19	0															0	7	.015			00-01
01 47	26.345	74.7	52.9	21	0															0					01-02
02 50	26.350	69.1	51.0	27	0															0					02-03
03 50	26.350	69.3	51.2	27	0															0	5	.005			03-04
04 50	26.360	66.8	50.3	30	0															0					04-05
05 46	26.360	70.7	51.3	24	0															0					05-06
06 45	26.380	76.7	55.0	24	0															0	3	.030			06-07
07 45	26.370	79.7	56.4	22	0															0					07-08
08 46	26.370	84.9	58.8	20	0															0					08-09
09 48	26.360	87.6	58.8	16	0	0	CU	80												0	7	.020			09-10
10 45	26.360	87.9	59.9	18	1															1					10-11
11 48	26.350	90.9	60.0	15	2															2					11-12
12 45	26.340	87.9	58.8	16	4	4	CU	80	0	Ci	250	4								4	8	.020			12-13
13 45	26.310	90.6	59.0	13	3															3					13-14
14 50	26.290	90.2	59.0	13	4															4					14-15
15 50	26.280	88.6	57.0	11	6	2	CU	80	4	Ci	250	6								2	6	.060			15-16
16 47	26.290	81.8	56.0	10	6															1					16-17
17 49	26.290	84.6	54.5	10	3															0					17-18
18 46	26.300	81.8	53.9	13	2	0	CU	80	0	Ac	140	0	2	Ci	250	2				1	3	.020			18-19
19 47	26.320	80.2	54.8	17	2															1					19-20
20 45	26.330	78.5	54.8	20	1															0					20-21
21 50	26.340	77.6	55.0	22	2	0	SC	80	2	Ci	250	2								1	3	.040			21-22
22 46	26.330	77.0	54.8	22	2															1					22-23
23 47	26.330	75.2	54.7	25	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	75	69	X	X						X		
	0345	1	0	0	0	75	68		0								
	0944	2	0	0	0	88	66		0								
	1545	3	0	0	0	92	88		0								
	2144	4	0	0	0	92	78		0								
	MID.	X	0	0	0	78	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.350	26.360	26.280	26.340
BAROGRAPH 64	26.350	26.370	26.295	26.340
BAR. CORR. 65	0	-.010	-.015	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
92	66	0	0	0	30	SW	1019					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: 0533 -2 SEC 2200 -2 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	250 SCT	20			017	71	36	12	05		971	603 1001	EP
SA	0148	CLR	20			016	71	38	30	06		971		EP
SA	0250	CLR	20			021	70	41	04	06		972		EP
SA	0352	250 - SCT	20			021	63	37	07	07		971	003 1001 63 RADAT 37127	HS
SA	0447	CLR	20			025	61	38	04	03		972	CI SE NW	HS
SA	0549	250 SCT	20			027	67	41	02	04		973		HS
SA	0648	250 - BKN	20			030	72	42	13	03		974	208 1001	HS
SA	0747	250 - BKN	20			030	75	41	23	16	G23	974		HS
SA	0849	250 - BKN	20			021	80	38	20	16		972		HS
SA	0948	250 - SCT	20			022	81	38	21	16	G24	972	805 1001 61	HS
SA	1047	CLR	20			020	83	40	18	14	G28	972	CI SE	HS
SA	1148	CLR	20			014	84	37	18	17	G35	970		HS
SA	1250	CLR	20			006	84	34	20	23	G34	968	815 1001	HS
SA	1349	250 - SCT	20			000	84	36	20	19	G34	966	PK WND 18/37 2051	HS
SA	1447	250 - SCT	20			001	84	39	20	21	G31	966	FEW CW	HS
SA	1550	250 - SCT	20			996	84	39	20	25	G31	963	812 1031 84 RADAT 20141	EP
SA	1649	CLR	20			991	83	36	20	25	G37	961	PK WND 2039/08	EP
SA	1750	CLR	20			993	81	31	21	23	G32	962	PK WND 2036/01	EP
SA	1849	CLR	20			999	78	31	23	20	G27	965	303 1401	EP
SA	1947	CLR	20			003	74	28	25	10		966		EP
SA	2046	CLR	20			009	73	20	25	14		968		EP
SA	2145	CLR	20			017	70	29	23	15		970	317 84	EP
SA	2247	CLR	20			048	68	35	28	17		979	PRESRR	EP
SA	2349	CLR	20			065	63	37	02	07		983		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{fs}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 27

To convert LST to GMT ADD 8 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	26.330	70.7	52.3	28	1	1	Ci	250												1	6	.010			00-01
01 48	26.330	70.8	53.1	30	0															0					01-02
02 50	26.340	69.8	54.8	36	0															0					02-03
03 52	26.330	62.9	49.6	39	2	2	Ci	250												0	0	.000			03-04
04 47	26.335	67.1	49.1	42	0															0					04-05
05 49	26.345	66.8	52.7	39	1															1					05-06
06 48	26.355	72.1	55.0	33	6	6	Ci	250												2	2	.025			06-07
07 47	26.360	75.3	55.9	29	7															2					07-08
08 49	26.340	80.0	56.8	23	6															1					08-09
09 48	26.340	80.6	56.8	22	1	1	Ci	250												0	8	.015			09-10
10 47	26.335	82.8	58.3	22	0															0					10-11
11 48	26.320	84.0	57.9	19	0															0					11-12
12 50	26.295	83.9	57.0	17	0	0	Ci	250												0	8	.045			12-13
13 49	26.280	84.1	57.7	18	2															0					13-14
14 47	26.280	83.6	58.3	20	2															0					14-15
15 50	26.260	83.6	58.2	20	1	0	Ac	120	1	Ci	250	1								0	8	.035			15-16
16 49	26.240	82.7	57.2	19	0															0					16-17
17 50	26.250	80.8	54.9	16	0															0					17-18
18 49	26.270	77.5	53.5	18	0	0	Sc	80	0	Ci	250	0								0	3	.010			18-19
19 47	26.280	74.4	51.6	18	0															0					19-20
20 46	26.300	73.3	49.1	13	0															0					20-21
21 45	26.320	69.9	49.8	21	0															0	3	.050			21-22
22 47	26.400	67.9	50.8	29	0															0					22-23
23 49	26.440	63.0	49.1	38	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	75	63	X	X						X		
	0347	1	0	0	0	78	63		0								
	0943	2	0	0	0	83	61		0								
	1545	3	0	0	0	84	81		0								
	2142	*	0	0	0	84	70		0								
	MID.	X	0	0	0	70	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0947	1546	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.330	26.340	26.260	26.320
BAROGRAPH 64	26.335	26.360	26.260	26.310
BAR. CORR. 65	-.005	-.020	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
84	61	0	0	0	39	S	1608					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: 0950P -2 SEC 2102 -2 SEC

MF1-10B

☆ U.S.GPO:1977-0-785-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0050	CLR	20			070	62	22	05	15		984	144	EP
SA	0146	CLR	20			074	61	22	04	13		986		EP
SA	0250	CLR	20			075	60	20	04	14		986		EP
SA	0349	CLR	20			083	59	13	05	20	G27	988	210 59 RADAT 20137	HS
SA	0447	CLR	20			096	57	10	06	13		991		HS
SA	0548	CLR	20		100	~~010~~	57	13	05	12	G21	992		HS
SA	0649	CLR	20			105	59	13	04	12	G19	993	117 1001	HS
SA	0747	CLR	20			105	62	16	02	14		993		HS
SA	0848	250 - SCT	20		101	096	65	13	01	12		992		HS
SA	0950	250 - SCT	20			099	67	15	02	10		992	805 1001 57	HS
SA	1047	250 - BKN	20			096	70	19	01	03		991		HS
SA	1149	250 - BKN	20			090	74	19	24	08		989		HS
SA	1248	250 - BKN	20			081	76	23	24	09		987	715 1006	HS
SA	1347	250 - SCT	20			075	76	22	28	10		984		HS
SA	1447	250 - SCT	20			067	76	23	24	12		982		HS
SA	1547	CLR	20			064	78	17	24	13		981	617 1001 78 RADAT 20137	EP
SA	1647	CLR	20			056	78	19	28	15		979		EP
SA	1749	CLR	20			053	77	20	25	10		978		EP
SA	1847	CLR	20			054	74	23	21	11		978	610 1030	EP
SA	1946	CLR	20			058	72	19	19	10		979		EP
SA	2046	CLR	20			058	68	19	11	06		979		EP
SA	2145	CLR	20			056	67	22	06	06		979	103 78	EP
SA	2248	CLR	20			053	65	24	08	03		978		EP
SA	2348	CLR	20			055	65	27	11	03		979		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 28

To convert LST to GMT ADD 8 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	26.450	61.8	44.3	21	0															0	1	.130			00-01
01 46	26.460	61.0	44.0	22	0															0					01-02
02 50	26.460	59.8	43.0	21	0															0					02-03
03 49	26.480	58.7	41.0	16	0															0	2	.030			03-04
04 47	26.510	57.1	39.7	15	0															0					04-05
05 48	26.520	57.0	40.2	17	0															0					05-06
06 49	26.530	59.0	41.3	16	0	0	Ci	250												0	1	.050			06-07
07 47	26.530	61.7	43.0	16	0															0					07-08
08 48	26.520	64.6	44.0	13	3															0					08-09
09 50	26.515	67.3	45.6	13	4	4	Ci	250												0	8	.015			09-10
10 47	26.510	70.3	47.6	14	7															1					10-11
11 49	26.490	73.6	49.1	12	8															1					11-12
12 48	26.470	76.0	51.0	14	6	6	Ci	250												1	7	.045			12-13
13 47	26.450	76.4	51.0	13	4															1					13-14
14 47	26.430	76.3	51.1	14	2															0					14-15
15 47	26.420	77.5	50.5	10	0	0	Ci	250												0	6	.050			15-16
16 47	26.400	77.9	50.9	11	0															0					16-17
17 49	26.390	76.9	50.8	12	0															0					17-18
18 47	26.390	74.0	50.2	15	0	0	Ac	150												0	6	.030			18-19
19 46	26.400	71.5	48.3	14	0															0					19-20
20 46	26.400	68.0	46.6	15	0															0					20-21
21 45	26.400	66.5	46.5	18	0															0	1	.010			21-22
22 48	26.390	64.6	46.1	21	0															0					22-23
23 48	26.400	64.6	46.9	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	63	59	X	X						X		
	0344	1	0	0	0	70	59		0								
	0945	2	0	0	0	68	57		0								
	1544	3	0	0	0	78	67		0								
	2142	4	0	0	0	78	67		0								
	MID.	X	0	0	0	67	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1545	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.515	26.420	26.400
BAROGRAPH 64	26.480	26.520	26.435	26.410
BAR. CORR. 65	0	-.005	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (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
78	57	0	0	0	27	NE	0343					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: 0452P -2SEC 2200 -2SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 29

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			051	63	27	27	03		978	803	EP
SA	0146	CLR	20			050	65	32	26	06		978		EP
SA	0250	CLR	20			047	63	34	26	10		977		EP
SA	0349	CLR	20			047	61	39	19	06		977	603 61 RADAT 20123	HS
SA	0448	CLR	20			055	61	39	29	04		979		HS
SA	0548	CLR	20			055	62	40	30	09		979		HS
SA	0648	CLR	20			059	63	39	24	14		980	110	HS
SA	0748	CLR	20			064	65	38	23	12		981		HS
SA	0848	CLR	20			065	67	36	23	11		981		HS
SA	0947	CLR	20			064	70	34	23	14		981	103 1001 60	HS
SA	1046	CLR	20			057	73	35	25	13		981	CW NW	HS
SA	1147	CLR	20			051	75	32	23	10		978	CW NW	HS
SA	1248	CLR	20			044	76	29	21	10		976	717 1100	HS
SA	1349	CLR	20			032	80	29	19	15	G23	973	CW NW	HS
SA	1447	CLR	20			031	78	32	23	14	G22	972	CW NW	HS
SA	1548	CLR	20			027	80	28	24	17	G23	971	614 110080 RADAT 20122	EP
SA	1648	CLR	20			024	79	28	21	15	G22	970		EP
SA	1749	CLR	20			027	79	25	22	10		971		EP
SA	1847	CLR	20			029	74	27	20	13		971	000 1030	EP
SA	1947	CLR	20			033	72	28	25	09		972		EP
SA	2046	CLR	20			039	71	32	22	15	G22	974		EP
SA	2146	CLR	20			044	68	33	23	15		976	114 80	EP
SA	2247	CLR	20			044	67	29	24	13		976		EP
SA	2347	CLR	20			047	66	31	28	10		977		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ $T_dT_dgg_{pp}$ $6P_oP_oP_oP_o$ $7PRRR_{is}$ $8N_sC_L$ h_s $9S_pS_pS_pS_p$ $2P_{24}R_{24}P_{24}R_{24}$ $3P_wP_wH_wH_w$ $4d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1978-665-010/1109 Region No. 6

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 29

To convert LST to GMT ADD 8 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.) 49	HR.
00 48	26.390	62.7	46.0	25	0															0	8	.010			00-01
01 46	26.390	64.7	48.6	30	0															0					01-02
02 50	26.380	62.5	48.1	34	0															0					02-03
03 49	26.380	61.1	49.4	44	0															0	6	.010			03-04
04 48	26.400	60.5	49.0	44	0															0					04-05
05 48	26.400	62.1	50.4	45	0															0					05-06
06 48	26.410	63.2	50.3	41	0															0	1	.030			06-07
07 48	26.420	65.0	50.8	37	0															0					07-08
08 48	26.420	67.2	51.0	32	0															0					08-09
09 47	26.420	70.0	51.3	26	0	0	Ci	250												0	1	.010			09-10
10 46	26.405	73.0	53.0	25	0															0					10-11
11 47	26.390	74.8	52.7	21	0															0					11-12
12 48	26.370	76.4	52.7	18	0	0	Ci	60												0	7	.050			12-13
13 49	26.350	80.1	54.1	16	0															0					13-14
14 47	26.340	78.2	54.0	18	0															0					14-15
15 48	26.330	79.5	53.7	15	0	0	Ci	70												0	6	.040			15-16
16 48	26.320	78.5	53.2	16	0															0					16-17
17 49	26.330	78.6	52.5	14	0															0					17-18
18 47	26.330	73.7	51.0	18	0	0	Ac	140												0	5	.000			18-19
19 47	26.340	72.0	50.4	19	0															0					19-20
20 46	26.360	70.8	51.0	23	0															0					20-21
21 46	26.370	68.0	50.3	27	0															0	1	.040			21-22
22 47	26.370	67.2	48.7	24	0															0					22-23
23 47	26.380	65.5	48.6	28	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	65	61	X	X						X		
	0344	1	0	0	0	67	61		0								
	0942	2	0	0	0	71	60		0								
	1543	3	0	0	0	80	70		0								
	2142	4	0	0	0	80	68		0								
	MID.	X	0	0	0	68	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1544	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.380	26.420	26.330	26.370
BAROGRAPH 64	26.390	26.430	26.335	26.365
BAR. CORR. 65	-.010	-.010	-.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 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	60	0	0	0	25	SW	1409					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: 0950P -2SEC 2150 -2SEC

MF1-10B

☆ U.S.GPO:1977-0-733-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 30

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (16)	TEMP (17)	DEW PT. (18)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	INITIALS
SA	0047	CLR	20			051	64	32	28	05		978	307	EP
SA	0145	CLR	20			058	61	33	29	05		980		EP
SA	0250	CLR	20			066	58	34	34	08		982		EP
SA	0347	CLR	20			076	55	34	04	05		984	220 55 RADAT 57114	JD
SA	0448	CLR	20			085	53	33	11	03		986		JD
SA	0547	CLR	20			089	59	34	05	05		988		JD
SA	0648	CLR	20			095	64	27	03	09		991	219	JD
SA	0749	CLR	20			098	67	26	03	10		992		JD
SA	0848	CLR	20			100	70	26	06	05		992		JD
SA	0948	CLR	20			102	73	27	03	07		993	107 53	JD
SA	1047	CLR	20			098	76	27	23	03		992		JD
SA	1147	CLR	20			096	76	29	23	09		991		JD
SA	1248	CLR	20			091	79	27	09	03		990	808 1100	JD
SA	1347	CLR	20			088	82	26	22	12	G22	989		JD
SA	1450	CLR	20			089	81	26	22	10		988		JD
SA	1549	CLR	20			086	82	26	24	06		988	807 1100 84 RADAT 20129	JC
SA	1648	CLR	20			087	81	22	22	11		988		JC
SA	1750	CLR	20			085	80	24	23	10		988		JC
SA	1849	CLR	20			084	76	27	29	06		988	400	JC
SA	1946	CLR	20			089	71	25	01	05		989		JC
SA	2050	CLR	20			089	68	27	29	03		989		JC
SA	2149	CLR	20			091	69	29	10	03		990	207 84	JC
SA	2246	CLR	20			090	67	27	05	06		990		JC
SA	2347	CLR	20			089	62	27	04	06		989		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_{dapp} $6P_oP_oP_oP_o$ 7RRR$_{ts}$ $8N_sCh\,h_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO: 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 30

To convert LST to GMT ADD 8 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 47	26.390	64.0	48.2	30	0															0	3	.020			00-01
01 45	26.410	60.9	47.0	34	0															0					01-02
02 50	26.430	57.7	45.9	40	0															0					02-03
03 47	26.450	55.4	44.9	44	0															0	2	.060			03-04
04 46	26.470	53.2	43.7	47	0															0					04-05
05 47	26.490	59.0	46.6	39	0															0					05-06
06 48	26.505	64.3	46.8	24	0															0	2	.055			06-07
07 49	26.515	67.4	48.1	21	0															0					07-08
08 48	26.520	69.8	49.0	19	0															0					08-09
09 48	26.525	73.1	50.8	18	0															0	1	.020			09-10
10 47	26.520	76.2	51.9	16	0															0					10-11
11 47	26.510	75.9	51.8	18	0															0					11-12
12 48	26.500	79.3	53.2	14	0	0	CU	80												0	8	.025			12-13
13 47	26.495	81.6	54.0	13	0															0					13-14
14 50	26.490	81.4	53.8	13	0															0					14-15
15 49	26.480	82.0	54.0	13	0	0	CU	80												0	8	.020			15-16
16 48	26.480	81.3	53.0	11	0															0					16-17
17 50	26.480	80.1	52.9	13	0															0					17-18
18 49	26.480	76.3	52.0	16	0															0	4	.000			18-19
19 46	26.490	70.2	49.1	18	0															0					19-20
20 50	26.490	67.8	48.4	21	0															0					20-21
21 49	26.500	69.3	49.7	22	0															0	2	.020			21-22
22 46	26.500	67.3	48.3	22	0															0					22-23
23 47	26.490	62.2	46.0	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	66	55	X	X						X		
	0344	1	0	0	0	68	55		0								
	0945	2	0	0	0	73	53		0								
	1545	3	0	0	0	84	73		0								
	2145	4	0	0	0	83	67		0								
	MID.	X	0	0	0	69	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.525	26.480	26.500
BAROGRAPH 64	26.445	26.525	26.480	26.500
BAR. CORR. 65	+.005	0	I 0	I 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
84	53	0	0	0	23	SW	1432					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: 0539P -1 SEC / 1927P -1 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1982 MAY 31

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0046	CLR	20			085	60	27	36	03		988	807	JC
SA	0145	CLR	20			089	59	24	35	05		989		JC
SA	0242	CLR	20			085	60	25	07	07		988		JC
SA	0348	CLR	20			088	59	24	05	02		988	203 59 RADAT 20135	JD
SA	0448	CLR	20			090	61	24	13	03		989		JD
SA	0546	CLR	20			086	65	28	04	05		988		JD
SA	0647	CLR	20			085	72	29	10	04		988	000	JD
SA	0747	CLR	20			085	75	28	13	06		988		JD
SA	0848	CLR	20			084	78	29	20	12	G23	988		JD
SA	0947	CLR	20			076	81	27	21	16	G29	986	807 59	JD
SA	1048	CLR	20			075	81	22	19	17	G29	986		JD
SA	1148	CLR	20			071	82	17	18	17	G30	984		JD
SA	1249	CLR	20			064	84	18	19	18	G33	982	714	JD
SA	1348	CLR	20			057	83	15	20	16	G30	980		JD
SA	1450	CLR	20			045	83	14	19	19	G28	976	PK WND 2037/13	JD
SA	1549	CLR	20			042	83	21	20	22	G30	976	PK WND 2236/14/620	JC
/													100185 RADAT 20120	/
SA	1646	CLR	20			037	82	19	23	23	G31	974		JC
SA	1748	CLR	20			032	80	19	20	18	G26	973		JC
SA	1850	CLR	20			031	76	25	22	21	G26	973	607 1001	JC
SA	1949	CLR	20			031	73	31	21	18	G21	973		JC
SA	2048	CLR	20			030	71	23	20	14	G27	973		JC
SA	2149	CLR	20			029	71	28	21	18	G24	973	400 85	JC
SA	2245	CLR	20			030	68	26	20	15		973		JC
SA	2347	CLR	20			031	66	31	22	11		973		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 MAY 31

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.480	60.0	44.8	28	0															0	8	.020			00-01
01 45	26.490	55.2	43.8	26	0															0					01-02
02 42	26.480	59.8	44.2	26	0															0					02-03
03 48	26.490	59.1	43.6	26	0															0	2	.010			03-04
04 48	26.495	60.7	44.5	25	0															0					04-05
05 46	26.490	64.7	47.3	25	0															0					05-06
06 47	26.490	72.1	50.8	20	0															0	0	.000			06-07
07 47	26.490	74.9	51.7	18	0															0					07-08
08 48	26.485	78.2	53.4	17	0															0					08-09
09 47	26.470	80.5	53.7	14	0															0	8	.020			09-10
10 48	26.465	80.7	52.6	11	0															0					10-11
11 48	26.450	81.5	52.1	9	0															0					11-12
12 49	26.430	84.0	53.2	8	0															0	7	.040			12-13
13 48	26.410	83.1	52.5	8	0															0					13-14
14 50	26.380	82.9	52.2	7	0															0					14-15
15 49	26.370	82.7	53.3	10	0	0	Ci	250												0	6	.060			15-16
16 46	26.360	82.2	52.8	10	0															0					16-17
17 48	26.350	79.8	51.8	10	0															0					17-18
18 50	26.350	76.2	51.4	15	0	0	Ci	250												0	6	.020			18-19
19 49	26.350	73.0	51.6	21	0															0					19-20
20 48	26.350	71.3	49.0	16	0															0					20-21
21 49	26.350	70.8	50.0	20	0															0	4	.000			21-22
22 45	26.350	68.3	48.3	20	0															0					22-23
23 47	26.350	65.7	48.6	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	62	59	X	X						X		
	0344	1	0	0	0	69	59		0								
	0944	2	0	0	0	81	59		0								
	1545	3	0	0	0	85	80		0								
	2145	4	0	0	0	84	70		0								
	MID.	X	0	0	0	71	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.470	26.370	26.350
BAROGRAPH 64	26.490	26.470	26.360	26.340
BAR. CORR. 65	0	0	+.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
85	59	0	0	0	37	5	1413					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: 0508P - 1 SEC / 1930P - 1 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131