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: April

YEAR: 1981

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 ~~(m.p.h.)~~ (knots)	~~FASTEST MILE~~ Peak Speed: SPEED ~~(m.p.h.)~~ (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	71	55	63		2					14.2	35	S	26.4	48	6		28	22	16	27
2	57	43	50		15		.06			11.6	37	SW	26.3	13	9	RW	45	43	37	73
3	63	41	52		13					10.2	31	W	26.5	40	6		75	22	14	19
4	69	40	55		10					8.7	17	E	26.8	63	0		34	21	13	24
5	73	47	60		5					7.6	17	SE	26.8	20	0		32	19	15	22
6	77	42	60		5					7.2	30	SW	26.4	84	0		42	15	12	12
7	74	50	62		3					7.4	19	W	26.3	96	1		37	32	17	29
8	75	50	63		2					7.6	21	W	26.5	08	3		30	25	19	33
9	79	46	63		2					6.6	28	SW	26.4	95	0		44	24	17	26
10	80	51	66			1				10.1	31	S	26.4	06	6		35	18	15	19
11	76	53	65							11.3	27	SW	26.5	23	3		28	20	12	10
12	71	46	59		6					4.8	14	SW	26.5	66	10		21	16	12	22
13	78	39	59		6					4.2	22	SW	26.6	45	0		29	11	9	21
14	82	50	66			1				5.4	20	E	26.6	51	1		21	15	15	28
15	85	51	68			3				6.7	24	SW	26.6	53	1		36	23	13	20
16	84	51	68			3				8.0	29	SW	26.6	54	1		32	17	12	20
17	84	56	70			5	.02			7.8	35	S	26.5	35	10	RW	26	18	22	36
18	68	47	58		7		.06			11.2	37	SW	26.4	44	9	T, RW	55	66	55	56
19	58	43	51		14					9.5	25	SW	26.5	89	8		68	52	39	48
20	69	45	57		8					5.4	17	N	26.6	28	4		63	37	24	39
21	77	47	62		3					7.4	22	N	26.5	54	10		48	27	22	31
22	82	55	69			4				9.1	17	E	26.6	28	4		39	23	16	25
23	87	60	74			9				8.6	17	E	26.6	08	2		37	21	16	27
24	88	60	74			9				10.0	37	SW	26.5	03	5		35	22	17	23
25	86	57	72			7				12.1	31	S	26.4	14	1		41	22	11	27
26	76	60	68			3				13.5	37	SW	26.4	39	9		29	28	26	35
27	81	53	67			2	T			8.6	26	N	26.6	14	7	RW	40	31	20	21
28	87	56	72			7				11.2	25	NE	26.6	69	1		34	18	11	17
29	92	62	77			12				8.9	23	SE	26.6	21	1		24	17	10	18
30	95	59	77			12				5.5	15	SW	26.6	00	1		27	17	12	22
31																				
SUM	2324	1515	—	—	100	78	.14	0	—	260.4	—	—	796.8	—	119	—	1135	742	549	830
AVG	77.5	50.5	—	—	—	—	—	—	—	8.7	FASTEST	DIRECTION	~~POSSIBLE~~	—	4.0	—	37.8	24.7	18.3	27.7
										MISC. →	37	SW	26.5	60		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 64.0

DEPARTURE FROM NORMAL —

HIGHEST 95 ON 30

LOWEST 39 ON 13

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 2

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 100

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 2406

DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 78

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 78

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .14 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HRS.~~ Daily .06 ON 2, 18

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) 7

CLOUDY (Scale 8–10) 7

WITH 0.01 INCH OR MORE PRECIP. 3

WITH 0.10 INCH OR MORE PRECIP. 0

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

RW = 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~~ 26.965 IN. ON 5

LOWEST ~~SEA LEVEL~~ 26.260 IN. ON 2

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: 1981 APR 01

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	E250 OVC	20			124	59	18	18	10		996	607 1007	CG
SA	0147	E250 OVC	20			116	58	19	21	12		994		CG
SA	0247	E250 OVC	20			108	58	24	20	13		992		CG
SA	0354	E140 BKN 250 OVC	20			101	57	25	22	11		990	720 1058 56 RADAT	MG
—	—												32091	—
SA	0450	160 SCT E250 BKN	20			107	56	25	18	09		991		MG
SA	0548	160 SCT 250 SCT	20			107	56	26	18	13		991		MG
SA	0652	160 SCT 250-BKN	20			111	57	26	18	10		992	207 1048	MG
SA	0749	160 SCT 250 SCT	20			111	58	25	18	12		992	ACSL SE	MG
SA	0847	160 SCT E250 BKN	20			109	63	24	19	19	G35	992	ACSL SE	MG
SA	0947	160 SCT E250 BKN	20			105	64	24	21	20	G29	991	803 1048 55	MG
SA	1050	120 SCT E250 BKN	20			100	66	22	21	22	G30	990	ACSL SE	MG
SA	1149	120 SCT E250 BKN	20			087	68	20	21	18	G27	987		MG
SA	1248	120 SCT E250 BKN	20			078	70	24	21	21	G30	984	820 1148	MG
SA	1350	120 SCT E250 BKN	20			076	69	21	24	19	G28	983		MG
SA	1450	250 SCT	20			068	70	22	21	17	G26	981	FEW CU AC	MG
SA	1550	250 SCT	20			061	68	19	20	20	G30	979	717 1148 71 RADAT 41097	HS
SA	1648	120 SCT 250 SCT	20			060	67	18	22	15	G24	978		HS
SA	1747	120 SCT 250 SCT	20			052	65	22	20	10		976		HS
SA	1848	120 SCT 250 SCT	20			049	63	19	23	09		974	714 1078	HS
SA	1949	250 SCT	20			054	60	22	24	10		976		HS
SA	2048	E250 BKN	20			058	58	23	23	08		977		HS
SA	2150	E250 BKN	20			055	59	25	20	13		977	007 1008 71	HS
SA	2247	250 SCT	20			047	58	26	21	17		974		HS
SA	2347	CLR	20			046	56	28	22	12		974		HS

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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 01

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.560	58.9	42.1	20	10	10	Cs	E250												8	6	.020			00-01
01 47	26.540	58.3	42.1	22	10															10					01-02
02 47	26.520	57.9	43.0	26	10															10					02-03
03 54	26.500	57.3	43.0	28	10	6	Ac	E140	4	Cs	250	10								10	7	.060			03-04
04 50	26.510	55.6	42.3	31	8															6					04-05
05 48	26.510	56.2	42.9	31	3															3					05-06
06 52	26.520	57.1	43.2	30	6	2	Ac	160	4	Cs	250	6								2	2	.020			06-07
07 49	26.520	58.0	43.3	27	5															3					07-08
08 47	26.520	63.3	45.7	22	8															6					08-09
09 47	26.510	63.9	45.9	22	8	1	ACSL	160	7	Cs	E250	8								5	8	.010			09-10
10 50	26.500	66.1	46.5	19	9															7					10-11
11 49	26.470	68.4	47.0	16	8															6					11-12
12 48	26.450	70.2	48.6	17	9	0	Cu	90	3	Ac	120	3	6	Cs	E250	9				7	8	.060			12-13
13 50	26.440	69.3	47.7	16	8															6					13-14
14 50	26.420	70.2	48.2	16	3															3					14-15
15 50	26.400	67.7	46.6	16	3	0	Cu	90	0	Ac	120	0	3	Cs	250	3				3	7	.050			15-16
16 48	26.390	66.9	45.9	15	4															4					16-17
17 47	26.370	65.0	46.0	19	5															5					17-18
18 48	26.360	63.0	44.4	18	5	2	Ac	120	3	Cs	250	5								4	7	.040			18-19
19 49	26.370	60.2	43.7	23	3															2					19-20
20 48	26.385	58.3	43.1	26	7															4					20-21
21 50	26.380	59.1	44.0	27	9	9	CS	E250												8	0	.020			21-22
22 47	26.360	58.2	43.7	29	5															3					22-23
23 47	26.360	56.1	43.3	34	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 0348	X	0	0	X	61	57	X	X						X		
	0348	1	0	0	0	61	56		0								
	0943	2	0	0	0	65	55		0								
	1545	3	0	0	0	71	64		0								
	2145	4	0	0	0	69	56		0								
	MID.	X	0	0	0	59	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.510	26.400	26.380
BAROGRAPH 64	26.510	26.510	26.400	26.375
BAR. CORR. 65	-.010	0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
71	55	0	0	0	35	5	0842					6	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 2 SEC SLOW 0514 2152 P - 2 SEC SLOW

BAROGRAPH CHANGED 1058

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: 1981 APR 2

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0049	CLR	20			039	55	27	29	05		972	714 1008	HS
SA	0145	250 SCT	20			036	54	30	31	06		971		HS
SA	0245	E250 BKN	20			033	53	30	26	10		970		HS
SA	0348	M65 OVC	20			038	51	31	29	08		971	503 1511 51 RADAT	HS
—	—												73083	—
SA	0447	M35 BKN 250 OVC	20			035	50	31	30	10		970		HS
SA	0552	25SCT M35 BKN 250 OVC	20			034	50	31	23	07		969		HS
SA	0651	35SCT E250 OVC	20			026	52	30	21	13		967	814 1508	HS
SA	0747	35SCT E250 OVC	20			031	51	32	23	15		968		HS
SA	0852	40SCT E250 OVC	20			031	52	34	23	17	G26	968		HS
SA	0948	40SCT E250 OVC	20			031	53	32	23	23	G30	968	TCU N / 103 1208 50	HS
SA	1053	E40BKN 250 BKN	20			030	56	30	21	20	G30	968	TCU SE PK WND 2237/12	HS
SA	1150	E40BKN 250 BKN	20			028	54	31	19	15	G28	967	CB NE MOVG N	HS
SA	1246	E40BKN 250 BKN	20			016	57	28	23	22	G28	963	CB N-NE MOVG N	HS
—	—												814 1903	—
SA	1347	E40BKN 250 BKN	20			019	57	30	29	18	G25	964	CB DSNT N RWU SE	HS
—	—												WND SHFTD GRDLY	—
SA	1450	E40BKN 250 BKN	20			020	57	32	25	13	G19	964	CB RWU SE RB24E33	HS
SA	1548	40SCT E120 BKN	20			027	54	28	27	10	G22	966	CB RWU W/ 20700 1370	
—	—												57 RADAT 74074	HS
SA	1648	40SCT 120 SCT E250 BKN	20			029	51	31	25	15	G25	966	RWU SE VIRGA W	HS
SA	1750	40SCT E250 BKN	20			037	49	30	23	09		968	RWU SE	HS
SA	1848	40SCT E250 BKN	20			041	49	31	26	09		969	310 1208	HS
SA	1948	40SCT E250 BKN	20			045	48	32	25	07		970		HS
SP	2039	M22 BKN 250 BKN	10		RW-				29	07		973	RB21	HS
SA	2051	M22 BKN 250 OVC	7		RW-	065	45	37	27	05		974	RW- OCNLY RW RB21	HS
RS	2151	30SCT 250 SCT	20			054	45	37	24	05		972	RE30/~~X~~1006 1208 57	HS
SA	2246	40SCT 250 SCT	20			056	46	38	29	06		973		HS
SA	2349	40SCT E250 BKN	20			061	45	37	25	10		974		HS
							44							

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

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

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 2

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.340	55.0	42.4	33	0	0	Cs	250												0	7	.040			00-01
01 45	26.330	53.9	42.9	40	5															3					01-02
02 45	26.320	53.2	42.6	41	8															6					02-03
03 48	26.330	51.3	41.8	45	10	10	Sc	M65												10	5	.010			03-04
04 47	26.320	50.0	41.3	48	10															9					04-05
05 52	26.310	49.9	41.3	48	10															9					05-06
06 51	26.290	51.8	42.0	44	10	4	Sc	35	6	Cs	E250	10								8	8	.040			06-07
07 47	26.300	51.0	42.3	49	10															8					07-08
08 52	26.300	52.2	43.5	50	10															9					08-09
09 48	26.300	53.3	43.1	43	10	3	Cu	40	7	Cs	E250	10								7	1	.010			09-10
10 53	26.300	56.0	43.8	36	7															7					10-11
11 50	26.290	54.2	43.2	40	8															8					11-12
12 46	26.260	57.4	44.0	32	7	6	CB	E40	1	Ci	250	7								7	8	.040			12-13
13 47	26.270	56.8	44.1	35	9															9					13-14
14 50	26.270	56.9	45.0	39	8															8					14-15
15 48	26.280	53.6	42.1	37	8	5	CB	40	3	Ac	E120	8								8	2	.020			15-16
16 48	26.280	50.9	41.8	47	7															7					16-17
17 50	26.300	49.0	40.3	47	7															7					17-18
18 48	26.310	48.9	40.7	49	9	4	Cu	40	5	Cs	E250	9								8	3	.030			18-19
19 48	26.320	48.2	40.6	53	9															8					19-20
20 51	26.360	45.0	41.3	74	10															10					20-21
21 51	26.340	45.0	41.1	73	5	3	Cu	30	2	Cs	250	5								5	0	.030			21-22
22 46	26.350	45.8	41.8	73	5															5					22-23
23 49	26.360	45.1	41.4	74	7															6					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 0344	X	0	0	X	56	51	X	X						X		
	0344	1	0	0	0	59	51		0								
	0944	2	0	0	0	53	50		0								
	1543	3	T	0	0	57	53		0								
	2146	4	.06	0	0	54	44		2								
	MID.	X	0	0	0	46	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1547	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.330	26.300	26.280	26.340
BAROGRAPH 64	26.320	26.300	26.280	26.345
BAR. CORR. 65	+.010	0	0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
57	43	.06	0	0	37	SW	1012					9	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1424	1433			
RW-	2021	2130			

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 2 SEC SLOW 0635 2155 P - 2 SEC SLOW

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: 1981 APR 3

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	40 SCT 250 SCT	20			060	44	37	24	09		974	107 1408	HS
SA	0146	CLR	20			064	44	36	23	08		976		HS
SA	0246	CLR	20			068	43	36	25	08		977		HS
SA	0349	CLR	20			078	42	35	00	00		979	314 1008 42 20006	HS
—	—												RADAT 39070	—
SA	0456	CLR	20			092	41	35	22	07		982		HS
SA	0547	250 SCT	20			104	41	35	21	04		985		HS
SA	0652	E250 BKN	20			118	43	36	21	05		990	234 1178	HS
SA	0747	E220 BKN	20			121	45	33	18	05		991		HS
SA	0851	E220 BKN	20			127	51	18	26	11		993		HS
SA	0949	40 SCT E220 BKN	20			130	53	15	31	15	G19	994	214 1108 41	HS
SA	1050	E50 BKN 220 BKN	20			133	54	15	34	14		995		HS
SA	1147	E50 BKN 220 BKN	20			136	56	21	31	13	G18	996		HS
SA	1248	E50 BKN 220 BKN	20			131	59	18	30	13	G25	995	003 1101	HS
SA	1352	E50 BKN 220 BKN	20			123	61	15	29	18	G26	993		HS
SA	1450	E50 BKN	20			115	62	10	31	17	G24	991		HS
SA	1550	50 SCT 250-SCT	20			122	63	13	31	12	G22	993	507 1101 63 RADAT 30078	HS
SA	1649	250-SCT	20			128	60	4	34	17		994	CU NE-SE	HS
SA	1748	CLR	20			137	58	9	35	15		997		HS
SA	1848	CLR	20			152	56	7	36	13		001	324	HS
SA	1948	CLR	20			167	55	6	36	10		005		HS
SA	2048	CLR	20			176	52	12	35	08		009		HS
SA	2150	CLR	20			184	52	11	36	08		011	130 63	HS
SA	2247	CLR	20			193	48	14	14	06		013		HS
SA	2348	CLR	20			199	45	14	05	08		015		HS

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 $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1978-665-010/1100 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 3

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.360	44.4	41.0	76	3	1	Sc	40	2	Cs	250	3								3	1	.020			00-01
01 46	26.370	43.7	39.9	73	0															0					01-02
02 48	26.380	43.0	39.7	76	0															0					02-03
03 49	26.400	42.0	38.6	75	0	0	cs	250												0	3	.040			03-04
04 56	26.430	40.9	38.3	80	0															0					04-05
05 47	26.460	40.6	37.9	80	1															1					05-06
06 52	26.500	43.0	39.5	75	9	0	cu	70	0	Ac	150	0	9	cs	E250	9				9	2	.100			06-07
07 47	26.510	44.7	39.4	63	9															9					07-08
08 54	26.530	50.7	38.0	27	8															8					08-09
09 49	26.540	52.9	38.5	22	8	3	cu	40	5	cs	E220	8								6	2	.040			09-10
10 50	26.550	53.7	38.8	21	6															6					10-11
11 47	26.560	56.0	41.4	25	7															7					11-12
12 48	26.550	58.6	42.0	20	7	7	cu	E50	1	ci	220	7								7	0	.010			12-13
13 52	26.530	61.2	42.7	16	8															8					13-14
14 50	26.510	61.6	42.0	13	6															6					14-15
15 50	26.530	62.7	43.0	14	2	1	cu	50	1	Ci	250	2								1	5	.020			15-16
16 49	26.540	60.0	40.4	10	1															0					16-17
17 48	26.560	58.0	40.0	14	0															0					17-18
18 48	26.600	55.7	38.6	14	0															0	3	.070			18-19
19 48	26.640	55.1	38.1	14	0															0					19-20
20 48	26.670	52.3	37.6	20	0															0					20-21
21 50	26.690	52.4	37.5	19	0															0	1	.090			21-22
22 47	26.710	48.4	35.9	25	0															0					22-23
23 48	26.725	45.2	34.0	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 0345	X	0	0	X	45	42	X	X						X		
	0345	1	0	0	0	46	42		1								
	0945	2	0	0	0	53	41		0								
	1545	3	0	0	0	63	53		0								
	2145	4	0	0	0	63	51		0								
	MID.	X	0	0	0	52	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.590	26.530	26.690
BAROGRAPH 64	26.400	26.590	26.530	26.670
BAR. CORR. 65	0	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
63	41	0	0	0	31	W	1353					6	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 WND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK: CLOCK 2 SEC SLOW 0657 2152P - 2SEC SLOW

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: 1981 APR 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)	OBSERVERS INITIALS (15)
SA	0049	CLR	20			199	46	14	06	08		015	114	HS
SA	0145	CLR	20			201	49	14	13	05		016		HS
SA	0248	CLR	20			206	44	15	06	10		017		HS
SA	0348	CLR	20			215	42	16	05	10		019	314 41 RADAT 31078	HS
SA	0450	CLR	20			224	42	16	33	06		022		HS
SA	0550	CLR	20			234	40	19	17	03		024		HS
SA	0650	CLR	20			244	44	24	08	03		027	224	HS
SA	0745	CLR	20			248	51	17	04	11		029		HS
SA	0848	CLR	20			257	53	16	03	10		032		HS
SA	0946	CLR	20			262	57	17	03	08		034	220 1001 40	HS
SA	1047	CLR	20			263	58	13	34	06		034		HS
SA	1146	CLR	20			259	61	13	02	10		033		HS
SA	1247	CLR	20			253	63	14	01	10		032	807	HS
SA	1350	CLR	20			247	64	15	36	13		031		HS
SA	1450	CLR	20			245	65	17	06	08		030		HS
SA	1549	CLR	20			243	66	14	05	10		028	710 69 RADAT 30093	HS
SA	1648	CLR	20			243	66	16	03	13		028		HS
SA	1749	CLR	20			249	65	14	03	09		030		HS
SA	1848	CLR	20			254	60	18	06	09		031	307	HS
SA	1948	CLR	20			258	56	17	05	08		033		HS
SA	2048	CLR	20			269	57	17	12	10		036		HS
SA	2150	CLR	20			271	55	19	11	07		037	120 69	HS
SA	2249	CLR	20			276	54	19	06	10		038		HS
SA	2349	CLR	20			277	52	20	06	11		039		HS

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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 4

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.730	46.0	34.6	27	0															0	1	.046			00-01
01 45	26.740	49.1	36.2	24	0															0					01-02
02 48	26.750	44.0	33.6	30	0															0					02-03
03 48	26.770	42.2	32.8	34	0															0	3	.040			03-04
04 50	26.790	41.6	32.4	34	0															0					04-05
05 50	26.810	40.0	32.3	43	0															0					05-06
06 50	26.840	43.8	35.7	45	0															0	2	.070			06-07
07 45	26.860	50.7	37.7	26	0															0					07-08
08 48	26.880	53.0	38.8	23	0															0					08-09
09 46	26.900	56.9	40.9	21	0	0	CI	300												0	2	.060			09-10
10 47	26.900	57.5	40.5	17	0															0					10-11
11 46	26.890	60.9	42.2	15	0															0					11-12
12 47	26.880	62.7	43.2	15	0															0	8	.020			12-13
13 50	26.870	64.0	44.0	15	0															0					13-14
14 50	26.860	64.8	44.8	16	0															0					14-15
15 49	26.850	65.8	44.7	13	0															0	7	.030			15-16
16 48	26.850	66.3	45.3	14	0															0					16-17
17 49	26.860	64.6	44.1	14	0															0					17-18
18 48	26.870	60.0	42.6	19	0															0	3	.020			18-19
19 48	26.890	56.0	40.6	22	0															0					19-20
20 48	26.920	56.6	40.8	21	0															0					20-21
21 50	26.930	55.0	40.3	24	0															0	1	.060			21-22
22 49	26.940	53.6	39.7	25	0															0					22-23
23 49	26.945	52.2	39.1	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	49	41	X	X						X		
	0344	1	0	0	0	52	41		0								
	0942	2	0	0	0	57	40		0								
	1544	3	0	0	0	69	57		0								
	2145	4	0	0	0	69	55		0								
	MID.	X	0	0	0	55	52	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	26.770	26.900	26.850	26.930
BAROGRAPH 64	26.752	26.900	26.850	26.925
BAR. CORR. 65	+.020	*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
69	40	0	0	0	17	E	1630					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 2 SEC SLOW 0630 2154P - 2 SEC SLOW

* BAROGRAPH CHANGED RESET TO ±.0 CORR

MF1-10B

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: 1981 APR 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	0048	CLR	20			278	52	19	06	10		040	107	HS
SA	0147	CLR	20			276	52	18	03	06		040		HS
SA	0245	CLR	20			274	51	21	04	09		038		HS
SA	0346	CLR	20			275	49	21	36	05		039	502 49 RADAT 20114	JD
SA	0449	CLR	20			274	48	21	04	11		038		JD
SA	0548	CLR	20			279	48	21	04	09		040		JD
SA	0647	CLR	20			284	51	20	03	08		041	305	JD
SA	0746	CLR	20			286	54	21	04	05		041		JD
SA	0846	CLR	20			278	57	21	03	10		040		JD
SA	0948	CLR	20			268	62	19	11	10		037	810 47	JD
SA	1046	CLR	20			252	65	20	12	11		033		JD
SA	1148	CLR	20			240	67	21	13	10		029		JD
SA	1246	CLR	20			228	68	21	10	04		026	734	JD
SA	1346	CLR	20			215	70	22	14	05		023		JD
SA	1451	CLR	20			204	72	22	14	06		019		JD
SA	1547	CLR	20			193	72	22	22	05		016	730 73 RADAT 20121	EP
SA	1649	CLR	20			183	71	23	10	08		013		EP
SA	1748	CLR	20			174	69	19	13	08		011		EP
SA	1848	CLR	20			174	64	17	12	07		010	620	EP
SA	1949	CLR	20			176	60	16	11	06		011		EP
SA	2048	CLR	20			175	57	16	12	10		010		EP
SA	2150	CLR	20			167	55	17	12	08		008	805 73	EP
SA	2248	CLR	20			164	55	17	11	06		008		EP
SA	2351	CLR	20			162	49	20	09	05		007		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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 5

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.950	52.2	38.9	26	0															0	1	.020			00-01
01 47	26.950	51.9	38.5	25	0															0					01-02
02 45	26.940	50.8	38.8	31	0															0					02-03
03 46	26.945	49.3	37.9	32	0															0	5	.005			03-04
04 49	26.940	48.1	37.3	34	0															0					04-05
05 48	26.950	47.6	36.9	34	0															0					05-06
06 47	26.960	51.3	38.8	29	0															0	3	.015			06-07
07 46	26.965	54.4	40.7	27	0															0					07-08
08 46	26.950	57.2	42.0	24	0															0					08-09
09 48	26.930	61.6	43.7	19	0															0	8	.030			09-10
10 46	26.890	65.3	45.7	18	0															0					10-11
11 48	26.860	66.8	46.6	18	0															0					11-12
12 46	26.830	67.7	46.9	17	0															0	7	.100			12-13
13 46	26.795	70.1	48.3	16	0															0					13-14
14 51	26.770	71.9	49.1	15	0															0					14-15
15 47	26.740	71.8	49.0	15	0															0	2	.090			15-16
16 49	26.710	70.7	48.8	17	0															0					16-17
17 48	26.685	69.0	47.0	14	0															0					17-18
18 48	26.680	63.5	44.1	16	0															0	6	.060			18-19
19 49	26.685	59.8	42.1	18	0															0					19-20
20 48	26.680	56.5	40.5	20	0															0					20-21
21 50	26.665	54.8	39.8	22	0															0	8	.015			21-22
22 48	26.660	54.5	39.7	22	0															0					22-23
23 51	26.650	49.0	37.6	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 0344	X	0	0	X	53	49	X	X						X		
	0344	1	0	0	0	55	49		0								
	0945	2	0	0	0	62	47		0								
	1544	3	0	0	0	73	62		0								
	2146	4	0	0	0	73	54		0								
	MID.	X	0	0	0	55	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1545	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.945	26.930	26.740	26.665
BAROGRAPH 64	26.940	26.925	26.740	26.675
BAR. CORR. 65	+.005	+.005	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
73	47	0	0	0	17	SE	1102					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: 0514P 2 SEC SLOW 2215 2 SEC SLOW

MF1-10A (10-79)

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

STATION WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE 1981 APR 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 (15)
SA	0048	CLR	20			152	51	17	02	03		004	812	EP
SA	0149	CLR	20			145	47	19	06	02		002		EP
SA	0244	CLR	20			142	45	20	11	05		001		EP
SA	0346	CLR	20			144	43	22	00	00		001	610 43 RADAT 20112	JD
SA	0447	CLR	20			142	43	21	06	03		000		JD
SA	0545	CLR	20			142	42	22	32	02		999		JD
SA	0647	CLR	20			141	51	20	00	00		999	603	JD
SA	0746	CLR	20			133	56	21	20	02		998		JD
SA	0848	CLR	20			127	64	18	30	04		997		JD
SA	0948	CLR	20			124	68	19	25	04		996	810 42	JD
SA	1047	CLR	20			119	69	19	20	03		995		JD
SA	1147	CLR	20			111	73	19	19	06	614	993		JD
SA	1247	CLR	20			095	74	18	20	12		988	724	JD
SA	1348	CLR	20			084	76	18	24	10		985		JD
SA	1450	CLR	20			076	75	18	20	10	621	982		JD
SA	1546	CLR	20			069	75	20	22	11	621	980	827 77 RADAT 20113	EP
SA	1647	CLR	20			066	74	23	22	18		979		EP
SA	1748	CLR	20			061	72	25	21	09		977		EP
SA	1850	CLR	20			052	69	27	21	12		976	815	EP
SA	1949	CLR	20			052	68	23	22	09		976		EP
SA	2049	CLR	20			050	67	16	22	13	620	976		EP
SA	2151	CLR	20			043	66	11	19	18	623	975	000 77	EP
SA	2248	CLR	20			045	63	21	27	04		975		EP
SA	2349	CLR	20			039	64	19	22	13	620	974		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 $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 6

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.630	50.8	37.7	25	0															0	8	.035			00-01
01 49	26.610	46.6	36.0	33	0															0					01-02
02 44	26.600	45.1	35.4	36	0															0					02-03
03 46	26.600	43.0	34.7	42	0															0	6	.030			03-04
04 47	26.595	43.1	34.6	41	0															0					04-05
05 45	26.590	41.9	34.2	45	0															0					05-06
06 47	26.590	50.8	38.4	29	0															0	6	.010			06-07
07 46	26.575	55.8	41.4	26	0															0					07-08
08 48	26.565	63.6	44.4	17	0															0					08-09
09 48	26.560	68.2	46.8	15	0															0	8	.030			09-10
10 47	26.550	69.0	47.1	15	0															0					10-11
11 47	26.525	72.6	48.8	13	0															0					11-12
12 47	26.490	74.0	49.1	12	0															0	7	.070			12-13
13 48	26.455	75.5	49.7	11	0															0					13-14
14 50	26.430	75.2	49.7	12	0															0					14-15
15 46	26.410	75.2	50.0	12	0															0	8	.080			15-16
16 47	26.400	73.7	50.1	15	0															0					16-17
17 48	26.380	72.0	49.8	17	0															0					17-18
18 50	26.365	69.3	49.2	21	0															0	8	.045			18-19
19 49	26.375	68.1	47.5	18	0															0					19-20
20 49	26.375	66.6	45.4	14	0															0					20-21
21 51	26.365	65.9	44.3	12	0															0	0	.000			21-22
22 48	26.365	63.3	44.9	19	0															0					22-23
23 49	26.355	63.7	44.6	17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	51	43	X	X						X		
	0343	1	0	0	0	55	43		0								
	0946	2	0	0	0	68	42		0								
	1543	3	0	0	0	77	68		0								
	2146	4	0	0	0	76	65		0								
	MID.	X	0	0	0	66	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1544	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.560	26.410	26.365
BAROGRAPH 64	26.600	26.555	26.415	26.370
BAR. CORR. 65	0	+.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 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	42	0	0	0	30	SW	2108					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 2 SEC SLOW 2205 2 SEC SLOW

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 1981 APR 7

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			043	58	22	19	06		974	502	EP
SA	0148	CLR	20			038	62	24	20	11		974		EP
SA	0244	CLR	20			041	59	29	24	11		974		EP
SA	0346	CLR	20			052	56	31	25	07		976	307 56 RADAT 42108	JD
SA	0447	CLR	20			061	53	31	30	05		979		JD
SA	0549	CLR	20			068	52	32	04	04		981	WND DRCTN VRBL	JD
SA	0646	CLR	20			076	57	34	26	02		983	220	JD
SA	0746	CLR	20			077	59	34	23	05		984		JD
SA	0846	CLR	20			079	62	34	25	06		984		JD
SA	0947	CLR	20			082	64	33	24	09		985	CU OMTNS SE 207 1100 50	JD
SA	1046	CLR	20			078	66	34	27	06		984		JD
SA	1146	CLR	20			070	68	29	25	05		982		JD
SA	1248	CLR	20			068	70	29	24	07	G15	981	814 1105	JD
SA	1346	250 - SCT	20			055	72	31	24	10		979		JD
SA	1450	250 - SCT	20			050	72	29	27	10		976		JD
SA	1550	250 - SCT	20			045	72	25	21	13		974	620 1101 74 RADAT 35102	EP
SA	1646	250 - SCT	20			044	71	25	24	12		973		EP
SA	1749	250 - SCT	20			048	69	22	23	10		974		EP
SA	1848	250 - SCT	20			047	66	26	19	07		974	500 1001	EP
SA	1950	CLR	20			051	61	26	17	07		975		EP
SA	2049	CLR	20			050	64	27	32	07		976		EP
SA	2150	CLR	20			055	61	29	33	06		977	308 1001 74	EP
SA	2245	CLR	20			066	59	29	03	08		980		EP
SA	2348	CLR	20			078	58	29	04	03		984		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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 7

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.360	57.8	42.4	24	0															0	5	.005			00-01
01 48	26.355	61.7	44.8	23	0															0					01-02
02 44	26.360	58.8	44.9	32	0															0					02-03
03 46	26.380	56.2	44.2	37	0															0	3	.020			03-04
04 47	26.400	53.1	42.9	43	0															0					04-05
05 49	26.415	52.3	42.7	45	0															0					05-06
06 46	26.440	57.4	45.8	41	0															0	2	.060			06-07
07 46	26.445	59.2	46.7	38	0															0					07-08
08 46	26.450	61.6	47.9	36	0															0					08-09
09 47	26.460	63.6	48.5	32	0	0	Cu	100												0	2	.020			09-10
10 46	26.450	65.8	49.8	31	0															0					10-11
11 46	26.430	67.8	49.0	23	0															0					11-12
12 48	26.420	70.2	50.0	21	0	0	Cu	90	0	Ci	250	0								0	8	.040			12-13
13 46	26.395	72.2	51.4	22	2															0					13-14
14 50	26.380	71.8	50.7	20	3															1					14-15
15 50	26.360	71.8	49.7	17	4	0	Cu	90	4	Ci	250	4								1	6	.060			15-16
16 46	26.350	70.7	49.2	18	3															0					16-17
17 49	26.360	68.9	47.7	17	3															0					17-18
18 48	26.360	65.8	47.2	22	1	1	Ci	250												0	5	.000			18-19
19 50	26.365	61.1	45.2	26	0															0					19-20
20 49	26.370	63.7	46.7	25	0															0					20-21
21 50	26.385	61.1	46.0	29	0	0	Ci	250												0	3	.025			21-22
22 45	26.410	58.5	44.7	32	0															0					22-23
23 48	26.445	57.7	44.5	34	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		0	0		64	56										
	0344	1	0	0	0	66	56		0								
	0944	2	0	0	0	64	50		0								
	1546	3	0	0	0	74	64		0								
	2145	4	0	0	0	72	61		0								
	MID.		0	0	0	61	57										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.380	26.460	26.360	26.385
BAROGRAPH 64	26.370	26.450	26.360	26.385
BAR. CORR. 65	+.010	+.010	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	50	0	0	0	19	W	1425					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: 0517P 2 SEC SLOW 2155 2 SEC SLOW

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: 1981 APR 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 (4g)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			084	55	28	14	04		986	125	EP
SA	0147	CLR	20			081	56	22	35	07		985		EP
SA	0250	CLR	20			082	54	21	03	09		985		EP
SA	0347	CLR	20			089	52	22	03	05		986	203 50 RADAT 55100	JD
SA	0447	CLR	20			094	52	21	36	08		987		JD
SA	0546	250 -SCT	20			105	51	24	01	08		991		JD
SA	0646	250 -SCT	20			111	55	21	04	11		993	219 1001	JD
SA	0747	250 -SCT	20			116	58	21	04	11		994		JD
SA	0846	250 -SCT	20			118	61	22	04	04		995		JD
SA	0947	250 -SCT	20			122	65	29	20	04		996	212 1001 50	JD
SA	1045	250 -SCT	20			118	66	25	00	00		995		JD
SA	1146	250 -SCT	20			111	70	26	27	05		994		JD
SA	1247	250 -SCT	20			109	69	28	24	09		992	814 1001	JD
SA	1346	250 -SCT	20			097	73	30	25	14		990		JD
SA	1450	250 -BKN	20			090	73	30	24	12		987		JD
SA	1548	250 -BKN	20			089	73	29	25	13		987	615 1001 75 RADAT 40116	EP
SA	1646	250 -BKN	20			093	72	28	23	10		987		EP
SA	1747	250 -SCT	20			094	70	27	24	12		987		EP
SA	1849	CLR	20			096	67	28	23	10		988	303 1001	EP
SA	1951	CLR	20			105	65	27	21	08		991		EP
SA	2049	CLR	20			111	64	27	16	04		993		EP
SA	2150	CLR	20			109	58	29	04	03		993	014 75	EP
SA	2249	CLR	20			112	56	28	09	05		993		EP
SA	2348	CLR	20			108	57	28	34	07		993		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 $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 8

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.460	54.6	42.7	36	0															0	1	.075			00-01
01 47	26.455	55.9	41.5	26	0															0					01-02
02 50	26.455	54.1	40.5	27	0															0					02-03
03 47	26.470	52.2	39.6	30	0															0	2	.010			03-04
04 47	26.480	51.7	39.2	30	0															0					04-05
05 46	26.505	50.9	39.6	35	1															0					05-06
06 46	26.525	55.0	40.8	26	1	1	Ci	250												0	2	.055			06-07
07 47	26.535	57.9	42.2	23	2															0					07-08
08 46	26.550	60.9	43.9	22	3															0					08-09
09 47	26.560	64.7	47.5	25	1	1	Ci	250												0	2	.035			09-10
10 45	26.550	66.3	47.3	21	1															0					10-11
11 46	26.535	69.7	48.9	19	1															0					11-12
12 47	26.520	68.7	49.2	22	2	2	Ci	250												0	8	.040			12-13
13 46	26.500	73.0	51.5	20	2															0					13-14
14 50	26.480	72.8	51.3	20	8															0					14-15
15 48	26.475	73.0	51.2	19	8	8	Ci	250												1	6	.045			15-16
16 46	26.480	72.4	50.7	19	7															0					16-17
17 47	26.480	69.8	49.3	20	3															0					17-18
18 49	26.485	66.5	48.0	23	0	0	Ci	250												0	3	.010			18-19
19 51	26.510	64.6	47.0	24	0															0					19-20
20 49	26.530	64.4	47.0	24	0															0					20-21
21 50	26.525	58.0	44.6	33	0															0	0	.040			21-22
22 49	26.525	55.6	43.1	34	0															0					22-23
23 48	26.525	56.5	43.4	33	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	58	50	X	X						X		
	0344	1	0	0	0	61	50		0								
	0944	2	0	0	0	65	51		0								
	1544	3	0	0	0	75	65		0								
	2145	4	0	0	0	74	57		0								
	MID.	X	0	0	0	58	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.560	26.475	26.525
BAROGRAPH 64	26.470	26.560	26.480	26.520
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
75	50	0	0	0	21	W	1600					3	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: 0505P 2 SEC SLOW 2158 2 SEC SLOW

*0950P Barograph Changed 0 Corr

MF1-10B

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: 1981 APR 9

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			110	55	29	36	06		993	400	EP
SA	0147	CLR	20			106	55	28	10	07		992		EP
SA	0250	CLR	20			107	52	29	06	07		992		EP
SA	0345	CLR	20			108	50	28	06	02		992	602 48 RADAT 26118	ooB
SA	0449	CLR	20			114	46	29	11	02		993		ooB
SA	0549	CLR	20			123	46	29	09	01		995		ooB
SA	0646	CLR	20			125	55	30	11	04		996	214	ooB
SA	0743	CLR	20			120	58	31	24	02		995		ooB
SA	0847	CLR	20			112	65	31	30	02		994		ooB
SA	0949	CLR	20			121	68	30	25	02		996	500 46	ooB
SA	1049	CLR	20			114	71	30	29	04		994		ooB
SA	1147	CLR	20			105	73	33	20	09G	13	992		ooB
SA	1246	CLR	20			097	76	30	25	12G	17	990	720	ooB
SA	1349	CLR	20			085	78	31	23	16G	23	986		ooB
SA	1447	CLR	20			081	77	31	23	15G	23	985		ooB
SA	1550	CLR	20			079	77	29	22	15G	23	984	617 79 RADAT 21122	WRG
SA	1650	CLR	20			079	76	28	22	12G	19	983		WRG
SA	1750	CLR	20			080	73	29	21	10G	18	983		WRG
SA	1850	CLR	20			081	70	28	23	09		984	500	WRG
SA	1950	CLR	20			081	68	26	16	06		985		WRG
SA	2050	CLR	20			082	65	27	16	03		985		WRG
SA	2150	CLR	20			078	62	27	12	08		984	000 79	WRG
SA	2250	CLR	20			073	64	29	24	05		983		WRG
SA	2350	CLR	20			076	64	28	16	04		984		WRG

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

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 APR 9

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.525	55.1	43.0	36	0															0	4	.000			00-01
01 47	26.520	54.6	42.5	35	0															0					01-02
02 50	26.520	52.3	41.7	40	0															0					02-03
03 45	26.520	49.5	40.2	44	0															0	6	.005			03-04
04 49	26.530	46.4	38.7	50	0															0					04-05
05 49	26.550	46.3	38.8	51	0															0					05-06
06 46	26.560	54.8	43.4	39	0															0	2	.040			06-07
07 43	26.550	58.3	45.2	35	0															0					07-08
08 47	26.540	65.3	48.6	28	0															0					08-09
09 49	26.560	67.7	49.1	24	0															0	5	.000			09-10
10 49	26.540	70.8	50.7	22	0															0					10-11
11 47	26.520	72.6	52.2	23	0															0					11-12
12 46	26.500	76.4	52.9	18	0															0	7	.060			12-13
13 49	26.470	77.8	53.6	18	0															0					13-14
14 47	26.460	77.4	53.7	19	0															0					14-15
15 50	26.450	77.4	53.1	17	0															0	6	.050			15-16
16 50	26.440	75.5	52.0	17	0															0					16-17
17 50	26.440	72.9	51.1	19	0															0					17-18
18 50	26.450	70.2	49.8	21	0															0	5	.000			18-19
19 50	26.455	68.3	48.5	21	0															0					19-20
20 50	26.460	65.0	47.2	24	0															0					20-21
21 50	26.450	62.4	46.0	26	0															0	0	.000			21-22
22 50	26.440	63.8	47.3	27	0															0					22-23
23 50	26.450	63.5	46.9	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 0340	X	0	0	X	57	48	X	X						X		
	0340	1	0	0	0	58	48		0								
	0942	2	0	0	0	69	46		0								
	1546	3	0	0	0	79	68		0								
	2146	4	0	0	0	78	62		0								
	MID.	X	0	0	0	65	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.560	26.450	26.450
BAROGRAPH 64	26.520	26.560	26.455	26.445
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 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	46	0	0	0	28	SW	1322					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: 0338P - ON TIME
2322P - 1 sec SLOW
1000P - CHANGED BAROGRAM

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			069	65	30	18	03		983	803	WRG
SA	0150	CLR	20			063	59	28	06	05		981		WRG
SA	0250	CLR	20			062	57	29	06	06		980		WRG
SA	0349	CLR	20			061	56	29	06	02		980	610 55 RADAT 26116	008
SA	0448	CLR	20			067	53	30	10	04		981		008
SA	0548	250 - SCT	20			076	53	30	06	03		983		008
SA	0649	250 - SCT	20			078	58	31	33	02		984	214 1001	008
SA	0746	250 - SCT	20			077	64	31	31	04		984		008
SA	0845	250 - SCT	20			073	68	33	07	02		983		008
SA	0949	250 - BKN	20			070	75	29	21	16G21		983	803 1001 51	008
SA	1050	250 - BKN	20			065	77	32	21	16G23		982		008
SA	1144	250 - BKN	20			062	78	26	19	17G25		981		008
SA	1248	250 - BKN	20			056	78	25	18	17G26		980	710 1001	008
SA	1348	80 SCT 200 SCT 250 - BKN	20			052	77	26	20	17G24		978		008
SA	1450	80 SCT 200 SCT E250 BKN	20			049	78	24	22	19G28		976		008
SA	1550	80 SCT 140 SCT E250 BKN	20			048	75	25	21	16G24		976	612 1174 80 RADAT 25115	WRG
SA	1650	140 SCT 250 - BKN	20			050	75	26	18	18G27		976		WRG
SA	1750	140 SCT 250 SCT	20			048	73	25	18	12G20		975		WRG
SA	1850	140 SCT 250 SCT	20			047	71	27	18	10G20		975	502 1041	WRG
SA	1950	250 SCT	20			049	69	26	20	12G20		976	FEW AC E	WRG
SA	2050	CLR	20			052	68	24	17	09G18		978	FEW CI E	WRG
SA	2150	CLR	20			055	65	22	18	08G15		979	210 1040 80	WRG
SA	2250	250 - SCT	20			057	65	22	18	13		980		WRG
SA	2350	250 - SCT	20			064	64	22	21	12		982		WRG

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

FM11V: Iliii 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
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 10

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.440	65.2	48.0	26	0															0	8	.010			00-01
01 50	26.420	59.3	44.8	30	0															0					01-02
02 50	26.410	57.2	44.0	33	0															0					02-03
03 49	26.410	56.0	43.6	35	0															0	6	.030			03-04
04 48	26.420	52.9	42.3	41	0															0					04-05
05 48	26.440	53.2	42.6	41	5															1					05-06
06 49	26.450	58.0	45.1	35	3	3	ci	250												1	2	.040			06-07
07 46	26.450	64.3	48.2	29	3															1					07-08
08 45	26.440	68.2	50.4	27	5															1					08-09
09 49	26.440	74.7	51.8	18	8	8	ci	250												3	8	.010			09-10
10 50	26.430	76.8	53.6	19	8															2					10-11
11 44	26.420	77.5	52.3	15	8															2					11-12
12 48	26.410	78.2	52.4	14	8	0	cu	80	8	ci	250	8								2	7	.030			12-13
13 48	26.380	77.4	52.3	15	9															4					13-14
14 50	26.380	77.5	51.8	14	9															5					14-15
15 50	26.375	75.3	51.1	15	7	1	cu	80	3	Ac	140	4	3	ci	≥250	7				6	6	.035			15-16
16 50	26.375	75.1	51.2	16	6															3					16-17
17 50	26.365	72.8	50.0	16	4															3					17-18
18 50	26.370	70.7	49.7	19	3	2	Ac	140	1	ci	250	3								2	5	.005			18-19
19 50	26.375	69.0	48.7	20	2															2					19-20
20 50	26.390	67.6	47.5	19	0															0					20-21
21 50	26.400	65.0	45.8	19	0	0	Ac	140												0	2	.030			21-22
22 50	26.410	65.0	46.0	19	1															0					22-23
23 50	26.430	63.9	45.3	20	1															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	66	55	X	X						X		
	0345	1	0	0	0	66	55		0								
	0944	2	0	0	0	75	51		0								
	1546	3	0	0	0	80	75		0								
	2146	4	0	0	0	75	65		0								
	MID.	X	0	0	0	65	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.440	26.375	26.400
BAROGRAPH 64	26.405	26.435	26.365	26.395
BAR. CORR. 65	+.005	+.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 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	51	0	0	0	31	5	1417					6	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0335P - ON TIME
2346P - on time

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: 1981 APR 11

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			069	62	23	21	13		983	214 1005	WRG
SA	0150	CLR	20			074	62	23	24	08		984		WRG
SA	0250	CLR	20			074	58	23	25	09		984		WRG
SA	0345	CLR	20			080	58	25	23	06		985	207 56 RADAT 33102	008
SA	0447	CLR	20			085	57	23	24	08		988		008
SA	0546	CLR	20			094	55	22	04	04		988		008
SA	0648	CLR	20			101	59	26	26	04		991	317 1001	008
SA	0749	250 SCT	20			100	62	25	25	14G19		991		008
SA	0850	250 - SCT	20			112	64	23	23	16G21		994		008
SA	0948	250 - SCT	20			115	67	25	23	16G24		995	114 1001 53	008
SA	1048	250 - SCT	20			117	70	23	22	17G24		996		008
SA	1150	250 - SCT	20			114	70	23	23	17G24		995		008
SA	1249	250 - SCT	20			114	72	25	23	12G19		995	000 1001	008
SA	1349	250 - SCT	20			108	74	24	22	16G23		994		008
SA	1446	250 SCT	20			104	73	22	21	16G22		992		008
SA	1550	250 - SCT	20			104	75	19	23	12G18		992	610 1001 76 RADAT 44104	WRG
SA	1650	250 - SCT	20			105	74	17	22	14G24		992		WRG
SA	1750	250 - BKN	20			102	71	16	21	12G19		992		WRG
SA	1850	250 - BKN	20			110	67	15	18	12		993	303 1001	WRG
SA	1950	250 - BKN	20			120	64	15	17	09		996		WRG
SA	2050	250 - SCT	20			123	63	11	22	09		997		WRG
SA	2150	250 - SCT	20			120	64	7	21	09		996	010 1001 76	WRG
SA	2250	250 - SCT	20			120	63	3	21	10		997		WRG
SA	2350	250 - SCT	20			124	63	6	18	09		998		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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 11

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.440	62.2	44.8	22	0	0	Ci	250												0	2	.040			00-01
01 50	26.450	62.4	44.8	21	0															0					01-02
02 50	26.450	58.1	42.9	25	0															0					02-03
03 45	26.460	57.6	43.1	28	0															0	2	.020			03-04
04 47	26.470	56.6	42.1	26	0															0					04-05
05 46	26.490	55.3	41.3	27	0															0					05-06
06 48	26.510	59.2	43.8	26	0	0	Ci	250												0	3	.050			06-07
07 49	26.510	61.7	45.1	24	1															1					07-08
08 50	26.540	63.9	45.6	21	1															0					08-09
09 48	26.550	67.4	47.8	20	1	1	Ci	250												0	2	.040			09-10
10 48	26.560	69.8	48.4	17	3															1					10-11
11 50	26.550	70.4	48.6	17	3															1					11-12
12 49	26.550	71.9	49.6	17	2	2	Ci	250												1	0	.000			12-13
13 49	26.540	74.1	50.3	15	2															1					13-14
14 46	26.570	73.2	49.5	14	3															2					14-15
15 50	26.520	74.8	49.7	12	5	5	Ci	250												2	6	.030			15-16
16 50	26.520	73.6	48.8	12	5															2					16-17
17 50	26.520	70.8	47.3	12	7															3					17-18
18 50	26.530	66.6	45.2	13	7	7	Ci	250												3	3	.010			18-19
19 50	26.555	64.0	44.0	15	4															4					19-20
20 50	26.565	62.8	42.7	13	5															2					20-21
21 50	26.560	64.2	42.8	10	2	2	Ci	250												1	0	.030			21-22
22 50	26.565	62.8	41.7	9	2															1					22-23
23 50	26.575	62.6	42.0	10	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 0340	X	0	0	X	64	56	X	X						X		
	0340	1	0	0	0	65	56		0								
	0942	2	0	0	0	68	53		0								
	1546	3	0	0	0	76	67		0								
	2146	4	0	0	0	75	60		0								
	MID.	X	0	0	0	64	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0947	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.550	26.520	26.560
BAROGRAPH 64	26.440	26.540	26.505	26.545
BAR. CORR. 65	+.010	+.010	+.015	+.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
76	53	0	0	0	27	SW	1403					3	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: 0338P - ON TIME
2332P - 1 Sec SLOW

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: 1981 APR 12

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	250 - SCT	20			119	60	10	15	03		996	0 00 1001	WRG
SA	0150	250 SCT	20			123	51	12	06	05		996		WRG
SA	0250	250 SCT	20			124	51	12	03	04		996		WRG
SA	0349	250 SCT	20			115	52	14	04	04		995	805 1001 50 RADAT 20103	MR
SA	0445	250 - OVC	20			118	49	14	05	07		995		MR
SA	0547	250 - OVC	20			128	48	14	05	02		997		MR
SA	0649	250 - OVC	20			134	56	17	09	04		999	314 1001	MR
SA	0749	250 - OVC	20			136	59	17	21	02		999		MR
SA	0846	E 250 OVC	20			136	63	16	22	04		000		MR
SA	0950	E250 OVC	20			134	65	18	23	04		000	103 1007 ~~6648~~	MR
SA	1047	E230 OVC	20			134	65	15	22	05		000		MR
SA	1146	E230 OVC	20			130	67	17	23	05		999		MR
SA	1249	180 SCT E230 OVC	20			127	67	18	25	03		998	807 1057	MR
SA	1348	180 SCT E230 OVC	20			124	68	18	27	04		996		MR
SA	1450	180 SCT E230 OVC	20			117	70	15	25	09		994		MR
SA	1550	E190 OVC	20			118	68	13	24	11		994	612 1007 71 RADAT 20105	MR
SA	1653	E190 OVC	20			119	68	10	28	05		994		MR
SA	1753	E190 OVC	20			121	66	10	22	08		994		MR
SA	1847	E190 OVC	20			123	62	10	18	03		995	303 1007	MR
SA	1951	E190 OVC	20			130	56	21	02	06		997		MR
SA	2053	200 - BKN	20			133	52	17	04	06		998		MR
SA	2154	200 SCT	20			136	53	15	02	07		999	112 1008 71	MR
SA	2245	CLR	20			140	51	13	15	03		999		MR
SA	2352	CLR	20			144	46	18	00	00		001		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_dopp $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh$ h_s $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 12

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.560	60.2	41.3	14	5	5	Ci	250												2	0	.000			00-01
01 50	26.560	51.0	36.5	20	5															3					01-02
02 50	26.560	51.1	37.0	21	5															3					02-03
03 49	26.545	51.8	37.6	21	4	4	Ci	250												3	8	.015			03-04
04 45	26.545	48.7	36.0	24	10															4					04-05
05 47	26.565	47.6	35.5	26	10															4					05-06
06 49	26.585	55.5	40.2	22	10	10	Ci	250												4	3	.040			06-07
07 49	26.590	59.1	42.0	19	10															5					07-08
08 46	26.595	63.3	43.8	16	10															6					08-09
09 50	26.595	65.2	45.2	16	10	10	CS	E250												9	1	.010			09-10
10 47	26.595	64.7	44.4	15	10															9					10-11
11 46	26.585	66.5	45.5	14	10															9					11-12
12 49	26.575	67.0	46.0	15	10	4	Ac	180	6	CS	E230	10								10	8	.020			12-13
13 48	26.555	68.3	46.5	14	10															9					13-14
14 50	26.540	69.9	46.8	12	10															10					14-15
15 50	26.540	68.0	45.5	12	10	10	CS	E190												9	6	.035			15-16
16 53	26.540	68.2	45.2	10	10															9					16-17
17 53	26.540	66.4	44.4	11	10															9					17-18
18 47	26.550	62.3	42.3	12	10	10	CS	E190												8	3	.010			18-19
19 51	26.565	56.4	41.6	25	10															7					19-20
20 53	26.580	56.3	40.7	21	8															3					20-21
21 54	26.585	52.7	38.3	22	3	3	CS	200												2	1	.035			21-22
22 45	26.590	50.9	37.0	21	0															0					22-23
23 52	26.600	46.0	35.5	33	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	63	50	X	X						X		
	0343	1	0	0	0	64	50		0								
	0946	2	0	0	0	66	48		0								
	1545	3	0	0	0	71	65		0								
	2150	4	0	0	0	68	53		0								
	MID.	X	0	0	0	53	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1550	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.595	26.540	26.585
BAROGRAPH 64	26.535	26.585	26.535	26.575
BAR. CORR. 65	+.010	+.010	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
71	46	0	0	0	14	SW	1252					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 2 SEC SLOW AT 0657P 2 SEC SLOW 1756

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: 1981 APR 13

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			147	43	18	35	03		001	105	HH
SA	0153	CLR	20			144	44	19	00	00		001		HH
SA	0250	CLR	20			144	43	18	14	04		001		HH
SA	0347	CLR	20			149	43	13	10	04		002	303 42 RADAT 20104	MR
SA	0448	CLR	20			156	42	12	13	04		004		MR
SA	0548	CLR	20			168	41	12	32	04		007		MR
SA	0646	CLR	20			174	48	13	14	02		009	222	MR
SA	0746	CLR	20			178	56	14	32	02		011		MR
SA	0846	CLR	20			174	65	13	02	04		011		MR
SA	0951	CLR	20			175	68	12	31	03		011	105 39	MR
SA	1048	CLR	20			172	71	11	13	04		010		MR
SA	1148	CLR	20			169	72	9	04	02		008		MR
SA	1248	CLR	20			162	74	10	16	04		007	812	MR
SA	1347	CLR	20			155	74	9	30	07		004		MR
SA	1450	CLR	20			152	76	10	19	04		004		MR
SA	1530	CLR	20			145	76	12	13	11		002	715 78 RADAT 23107	HH
SA	1649	CLR	20			146	75	11	16	07		002		HH
SA	1748	CLR	20			152	74	15	09	05		003		HH
SA	1849	CLR	20			155	67	14	09	06		004	307	HH
SA	1955	CLR	20			162	63	16	10	06		007		HH
SA	2052	CLR	20			165	59	15	07	04		008		HH
SA	2150	CLR	20			167	54	15	12	03		008	114 78	HH
SA	2255	CLR	20			166	52	19	08	03		008		HH
SA	2349	CLR	20			166	52	22	08	04		008		HH

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_dopp $6P_oP_oP_oP_o$ $7RRR_rs$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1991 APR 13

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.600	43.0	33.7	36	0															0	1	.015			00-01
01 53	26.600	44.2	34.7	36	0															0					01-02
02 50	26.600	43.3	33.8	35	0															0					02-03
03 47	26.610	42.9	32.5	29	0															0	3	.010			03-04
04 48	26.630	42.3	32.0	29	0															0					04-05
05 48	26.655	41.1	31.2	30	0															0					05-06
06 46	26.675	48.4	35.7	24	0															0	2	.065			06-07
07 46	26.690	56.2	40.0	19	0															0					07-08
08 46	26.690	65.3	44.3	13	0															0					08-09
09 51	26.690	67.6	45.2	11	0															0	1	.015			09-10
10 48	26.685	70.9	46.5	10	0															0					10-11
11 48	26.670	71.7	46.6	9	0															0					11-12
12 48	26.655	74.0	47.8	8	0															0	8	.035			12-13
13 47	26.635	73.8	47.6	8	0															0					13-14
14 50	26.630	75.7	48.6	8	0															0					14-15
15 50	26.610	76.0	49.0	9	0															0	7	.045			15-16
16 49	26.610	74.9	48.3	8	0															0					16-17
17 48	26.620	73.8	48.5	11	0															0					17-18
18 49	26.630	66.5	45.0	13	0															0	3	.020			18-19
19 55	26.655	63.3	43.8	16	0															0					19-20
20 52	26.670	59.1	41.6	17	0															0					20-21
21 50	26.670	53.9	39.0	21	0															0	1	.040			21-22
22 55	26.670	51.6	38.6	27	0															0					22-23
23 49	26.670	52.2	39.6	30	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	~~034~~0	0	X	46	42	X	X						X		
	0343	1	0	0	0	53	42		0								
	0944	2	0	0	0	68	39		0								
	1545	3	0	0	0	78	68		0								
	2145	4	0	0	0	76	54		0								
	MID.	X	0	0	0	54	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.690	26.610	26.670
BAROGRAPH 64	26.610	26.690	26.620	26.665
BAR. CORR. 65	0	0*	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
78	39	0	0	0	22	SW	1223					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 2 SEC SLOW 0452P 2 SEC SLOW 1749

* BAROGRAPH CHANGED AND RESET TO ZERO

MF1-10B

☆ U.S. Government Printing Office: 1979—665-010/1153 Region No. 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: 1981 APR 14

TO CONVERT LST TO GMT ADD 5 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0052	CLR	20			164	52	20	31	04		008	400	HS
SA	0148	CLR	20			165	50	18	27	04		008		HS
SA	0250	CLR	20			163	51	18	04	07		008		HS
SA	0348	CLR	20			162	54	15	05	05		008	400 50 RADAT 35107	HR
SA	0445	CLR	20			168	55	12	04	08		010	Ac NE-SE	HR
SA	0546	CLR	20			171	58	15	03	12		011	Ac NE-SE	HR
SA	0647	CLR	20			176	60	18	04	08	G14	012	212 1070	HR
SA	0748	CLR	20			179	64	19	04	12		013	Cu SE Ac NE	HR
SA	0849	CLR	20			178	68	20	03	10		013	Cu SE Ci S	HR
SA	0946	CLR	20			177	71	21	02	05		012	000 1102 50	HR
SA	1048	CLR	20			168	75	23	26	02		010	Cu SE-S	HR
SA	1147	CLR	20			159	79	25	23	05		008	FEW Cu Ac	HR
SA	1247	CLR	20			152	79	26	28	04		006	720 1170	HR
SA	1346	100 SCT	20			145	80	26	18	04		003		HR
SA	1452	100 SCT	20			137	80	26	10	04	G20	001		HR
SA	1551	100 SCT	20			133	81	30	20	08		001	615 1100 82 RADAT 44114	HS
SA	1651	100 SCT	20			129	79	27	32	05		999		HS
SA	1752	100 SCT	20			127	77	27	20	05		999	VIRGA SE	HS
SA	1850	CLR	20			135	72	28	29	04		001	500 1400	HS
SA	1949	CLR	20			139	65	28	09	05		002		HS
SA	2053	CLR	20			147	63	28	10	03		004		HS
SA	2150	CLR	20			147	60	27	08	06		004	110 1400 82	HS
SA	2258	CLR	20			148	57	26	00	00		005		HS
SA	2351	CLR	20			146	61	26	00	00		005		HS

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

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

☆ U.S. GPO:1978-665-010/1100 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 14

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.670	51.7	39.0	29	0															0	4	.000			00-01
01 48	26.670	50.3	37.8	28	0															0					01-02
02 50	26.670	50.9	38.1	27	0															0					02-03
03 48	26.670	54.1	39.0	21	0															0	4	.000			03-04
04 45	26.685	55.1	39.0	18	0															0					04-05
05 46	26.695	57.8	41.0	18	0															0					05-06
06 47	26.705	60.2	42.7	19	0	0	Ac	120												0	2	.035			06-07
07 48	26.710	64.1	44.8	17	0															0					07-08
08 49	26.710	68.0	47.9	16	0															0					08-09
09 46	26.705	71.4	48.6	15	0	0	Cu	90	0	Ci	250	0								0	0	.000			09-10
10 48	26.685	75.1	50.7	14	0															0					10-11
11 47	26.665	78.6	52.6	14	0															0					11-12
12 47	26.645	78.6	52.8	15	0	0	Cu	100	0	Ac	130	0								0	7	.060			12-13
13 46	26.625	79.6	53.0	14	3															3					13-14
14 52	26.605	79.9	53.2	14	1															1					14-15
15 51	26.600	81.3	54.7	15	2	2	Cu	100												2	6	.045			15-16
16 51	26.590	79.0	53.0	14	2															2					16-17
17 52	26.585	77.2	52.5	16	2															2					17-18
18 50	26.600	71.8	50.4	20	0	0	Sc	100												0	5	.000			18-19
19 49	26.610	65.3	47.5	24	0															0					19-20
20 53	26.630	62.7	46.3	26	0															0					20-21
21 50	26.630	60.3	45.0	28	0	0	Sc	100												0	1	.030			21-22
22 58	26.635	57.3	43.3	30	0															0					22-23
23 51	26.640	61.0	45.0	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 0343	X	0	0	X	54	50	X	X						X		
	0343	1	0	0	0	54	50		0								
	0943	2	0	0	0	73	52		0								
	1547	3	0	0	0	82	71		0								
	2145	4	0	0	0	81	60		0								
	MID.	X	0	0	0	62	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.705	26.600	26.630
BAROGRAPH 64	26.665	26.700	26.590	26.620
BAR. CORR. 65	+.005	+.005	+.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
82	50	0	0	0	20	E	1443					1	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 0449P 2SEC SLOW 2 SEC SLOW 1752

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: 1981 APR 15

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	CLR	20			146	61	27	15	06		005	103 1400	KG
SA	0148	CLR	20			147	57	26	08	03		005		KG
SA	0250	CLR	20			148	54	28	29	03		005		KG
SA	0347	CLR	20			152	54	28	05	04		006	303 53 RADAT 47112	CG
SA	0449	CLR	20			156	54	29	08	08		007		CG
SA	0547	CLR	20			165	54	29	07	03		010		CG
SA	0646	CLR	20			172	61	32	28	03		012	217	CG
SA	0746	CLR	20			174	67	32	07	03		012		CG
SA	0850	CLR	20			171	72	30	35	03		012		CG
SA	0949	CLR	20			170	76	35	12	10		012	400 1100 51	CG
SA	1048	CLR	20			163	78	34	26	06		010		CG
SA	1148	50 SCT	20			152	81	30	21	11		007		CG
SA	1247	50 SCT	20			147	83	30	21	14		006	717 1100	CG
SA	1348	50 SCT	20			146	81	31	21	12		005		CG
SA	1445	50 SCT	20			140	83	28	22	16		003		CG
SA	1549	60 SCT 300 SCT	20			136	81	25	23	08 G15		002	714 1108 85 RADAT 38118	DS
SA	1649	300 - SCT	20			135	81	25	23	12		002	SC E	DS
SA	1749	300 - SCT	20			136	78	28	22	07		002		DS
SA	1847	250 - BKN	20			140	72	30	19	05		003	303 1006	DS
SA	1947	250 - BKN	20			143	70	27	14	04		004		DS
SA	2048	E250 BKN	20			146	65	27	05	04		005		DS
SA	2149	250 - SCT	20			147	67	25	11	06		006	210 1001 85	DS
SA	2245	250 - SCT	20			148	64	25	04	06		006		DS
SA	2346	CLR	20			156	60	25	12	03		008		DS

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 $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 APR 15

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.640	60.6	45.1	27	0	0	SC	100												0	1	.010			00-01
01 48	26.640	57.2	43.2	29	0															0					01-02
02 50	26.640	53.6	42.1	37	0															0					02-03
03 47	26.650	53.9	42.2	36	0															0	3	.010			03-04
04 49	26.660	53.9	42.6	38	0															0					04-05
05 47	26.680	54.1	42.7	38	0															0					05-06
06 46	26.700	60.9	46.7	33	0															0	2	.050			06-07
07 46	26.700	66.7	49.4	27	0															0					07-08
08 50	26.700	71.9	51.1	21	0															0					08-09
09 49	26.700	75.6	54.1	23	0	0	CU	50												0	4	.060			09-10
10 48	26.680	78.2	54.8	20	0															0					10-11
11 48	26.660	80.9	54.7	16	1															1					11-12
12 47	26.650	82.8	55.4	15	1	1	CU	50												1	7	.050			12-13
13 48	26.640	80.7	54.8	16	1															1					13-14
14 45	26.620	82.8	55.0	14	1															1					14-15
15 49	26.610	81.4	53.7	13	1	1	CU	60	0	CS	300	1								1	7	040			15-16
16 47	26.605	81.3	53.7	13	2															1					16-17
17 49	26.605	78.1	52.9	15	4															0					17-18
18 47	26620	74.0	52.0	20	8	8	CI	250												4	3	010			18-19
19 47	26.630	70.0	49.4	20	6															3					19-20
20 48	26.640	65.3	47.2	23	7															4					20-21
21 49	26.650	67.3	47.6	20	4	4	CI	250												2	2	030			21-22
22 45	26.650	64.0	46.2	22	1															0					22-23
23 46	26.665	60.0	44.3	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		0	0		62	53										
	0344	1	0	0	0	62	53		0								
	0946	2	0	0	0	76	51		0								
	1542	3	0	0	0	85	76		0								
	2141	4	0	0	0	82	63		0								
	MID.		0	0	0	68	59										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.700	26.610	26.650
BAROGRAPH 64	26.650	26.700	26.610	26.650
BAR. CORR. 65	0	0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	51	0	0	0	24	SW	1320					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: 0530 PST 2 SEC. SLOW

2129 P 2 SEC SLOW

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: 1981 APR 16

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	CLR	20			155	56	23	04	03		008	105 1001	US
SA	0147	CLR	20			155	57	26	07	06		007		US
SA	0249	CLR	20			156	55	28	03	03		008		US
SA	0345	~~2~~300-SCT	20			158	56	27	14	05		008	302 1008 55 RADAT 28112	CG
SA	0448	CLR	20			163	52	29	30	02		010		CG
SA	0546	CLR	20			166	52	29	13	02		010		CG
SA	0647	CLR	20			176	59	28	35	03		013	314 1001	CG
SA	0749	CLR	20			177	68	30	18	02		014		CG
SA	0846	CLR	20			173	74	28	21	05		013		CG
SA	0946	CLR	20			173	79	30	25	13		014	103 1001 51	CG
SA	1048	CLR	20			167	80	29	24	17	629	012		CG
SA	1146	CLR	20			161	81	28	23	15		010		CG
SA	1246	300 SCT	20			158	83	29	21	18		008	617 1108	CG
SA	1347	300 SCT	20			146	84	28	20	16	625	005		CG
SA	1447	300 SCT	20			139	83	26	22	14	623	003		CG
SA	1549	300 - SCT	20			135	82	25	23	14G	21	002	620 1105 84 RADAT 20126	US
SA	1647	300 - SCT	20			133	81	29	22	12		001	SC E	US
SA	1748	300 - SCT	20			133	78	25	22	10		000		US
SA	1845	300-SCT	20			135	75	28	19	07		001	502 1001	US
SA	~~1947~~ 1848	300 - BKN	20			136	72	25	24	06		003		US
SA	2046	300 - SCT	20			138	67	27	29	04		003		US
SA	2149	300 - SCT	20			133	66	24	33	05		003	003 1001 84	US
SA	2245	300 - SCT	20			130	64	22	05	04		001		US
SA	2348	300 - SCT	20			129	65	24	08	05		001		US

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_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 1 6

To convert LST to GMT ADD 5 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.665	56.3	42.1	28	0	0	Cl	300												0	1	015			00-01
01 47	26.660	56.7	43.1	30	0															0					01-02
02 49	26.665	55.4	43.0	35	0															0					02-03
03 45	26.670	56.2	43.0	32	4	4	Cs	300												0	3	-.005			03-04
04 48	26.680	52.3	41.7	40	0															0					04-05
05 46	26.680	51.8	41.5	41	0															0					05-06
06 47	26.710	59.3	44.9	30	0	0	Cl	300												0	3	.040			06-07
07 49	26.720	68.2	49.4	24	0															0					07-08
08 46	26.710	74.1	51.3	18	0															0					08-09
09 46	26.720	78.5	53.7	17	0	0	Cl	300												0	1	.010			09-10
10 48	26.700	80.2	54.0	15	0															0					10-11
11 46	26.680	80.9	54.2	15	0															0					11-12
12 46	26.670	82.7	55.1	14	1	0	Cu	50	1	Cs	300	1								1	6	.050			12-13
13 47	26.640	83.6	55.3	13	1															1					13-14
14 47	26.620	83.1	54.6	13	2															2					14-15
15 49	26.610	82.3	54.0	12	5	0	Cu	60	5	Cl	300	5								2	6	060			15-16
16 49	26.600	81.2	54.4	15	3															1					16-17
17 48	26.595	78.0	52.2	14	4															1					17-18
18 45	26.605	75.2	51.8	17	3	3	Cl	300												1	5	005			18-19
19 49	26.615	71.8	49.7	17	7															2					19-20
20 46	26.620	67.0	48.0	22	4															1					20-21
21 49	26.615	66.3	47.0	20	3	3	Cl	300												1	0	010			21-22
22 45	26.605	64.2	45.6	20	2															1					22-23
23 48	26.605	65.3	46.5	21	2															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	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		
	0343	1	0	0	0	68	55		0								
	0944	2	0	0	0	79	51		0								
	1540	3	0	0	0	84	78		0								
	2142	4	0	0	0	82	65		0								
	MID.	X	0	0	0	66	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.720	26.610	26.615
BAROGRAPH 64	26.670	26.720	26.620	26.625
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
84	51	0	0	0	29	SW	1042					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: 0603 PST 2 SEC. SLOW

1954 P 2 SEC SLOW

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: 1981 APR 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)	OBSERVERS INITIALS (14)
SA	0049	300-SCT	20			128	65	24	22	03		002	603 1001	US
SA	0148	300-BKN	20			123	64	25	08	05		999		US
SA	0245	300-BKN	20			124	63	26	09	03		999		US
SA	0347	300-OVC	20			126	59	25	16	04		999	605 1007 59 RADAT 38115	CG
SA	0449	E300 OVC	20			127	56	28	03	07		999		CG
SA	0546	E300 OVC	20			137	56	30	12	02		002		CG
SA	0649	E300 OVC	20			139	63	31	33	03		003	310 1007	CG
SA	0747	E300 OVC	20			139	67	32	17	04		003		CG
SA	0848	E300 OVC	20			135	73	31	23	03		002		CG
SA	0950	150SCT E300 OVC	20			132	77	31	15	04		002	803 1177 56	CG
SA	1053	150SCT E300 OVC	20			125	79	32	21	12		999		CG
SA	1148	50 SCT E300 OVC	20			116	81	36	21	17		997		CG
SA	1252	50 SCT E300 OVC	20			107	83	35	18	15	G24	995	720 1107	CG
SA	1346	50 SCT E300 OVC	20			102	80	36	19	14	G23	993		CG
SA	1448	50 SCT E300 OVC	20			091	79	37	21	15	G24	990		CG
SA	1548	50 SCT E300 OVC	20			087	80	38	21	13	G19	988	722 1107 84 RADAT 76116	US
SA	1648	50 SCT E300 OVC	20			081	78	38	20	12		986		US
SA	1749	50 SCT E250 OVC	20			076	76	37	23	09		984	VIRGA SE	US
SA	1849	50SCT E 250 OVC	20			074	75	39	18	04		984	612 1407	US
SA	1948	50 SCT E 250 OVC	20			074	72	39	15	04		984		US
SA	2045	50SCT E 220 OVC	20			074	72	41	18	05		985		US
SA	2149	E 50 BKN 100 BKN 220 OVC	20			071	71	43	17	08		985	002 1428 84	US
SA	2248	50 SCT E100 BKN 220 OVC	20			069	70	43	12	09		984		US
SA	2347	E 40 BKN 200 OVC	20		RW-	064	67	46	19	13	G23	983	RB08	US

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 $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 17

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.605	65.3	46.6	21	1	1	Ci	300												0	6	010			00-01
01 48	26.590	63.6	46.0	23	6															2					01-02
02 45	26.590	63.2	46.1	24	8															3					02-03
03 47	26.590	59.4	44.0	26	10	10	Cs	300												5	6	.015			03-04
04 49	26.590	58.3	43.5	34	10															6					04-05
05 46	26.610	58.4	44.1	37	10															6					05-06
06 49	26.620	63.4	47.6	29	10	10	Cs	E300												6	3	.030			06-07
07 47	26.620	66.6	49.4	27	10															7					07-08
08 48	26.610	72.9	51.6	21	10															7					08-09
09 50	26.610	76.9	53.3	18	10	0	Cu	50	2	Ac	150	2	10	Cs	E300	10				8	8	.010			09-10
10 53	26.590	79.1	54.6	18	10															8					10-11
11 48	26.570	80.5	56.2	20	10															8					11-12
12 52	26.550	83.1	57.0	18	10	3	Cu	50	10	Cs	E300	10								7	7	.060			12-13
13 46	26.530	80.2	56.1	20	10															8					13-14
14 48	26.500	78.9	56.0	22	10															9					14-15
15 48	26.485	80.0	56.7	22	10	3	Cu	50	10	Cs	E300	10								7	7	065			15-16
16 48	26.465	78.2	55.9	23	10															7					16-17
17 49	26.450	76.1	54.9	24	10															8					17-18
18 49	26.450	74.5	55.0	28	10	4	Sc	50	10	Cs	E250	10								8	6	035			18-19
19 48	26.450	71.5	53.7	30	10															8					19-20
20 45	26.460	72.0	54.8	33	10															9					20-21
21 49	26.455	71.0	55.6	36	10	6	Sc	E50	2	As	100	8	2	Cs	220	10				9	0	005			21-22
22 48	26.450	70.2	55.0	38	10															8					22-23
23 49	26.435	66.8	54.9	47	10															9					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 0343	X	0	0	X	65	59	X	X						X		
	0343	1	0	0	0	66	59		0								
	0946	2	0	0	0	77	56		0								
	1541	3	0	0	0	84	77		0								
	2140	4	0	0	0	80	71		0								
	MID.	X	.02	0	0	72	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0949	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.610	26.485	26.455
BAROGRAPH 64	26.600	26.60	26.485	26.450
BAR. CORR. 65	-.010	*0	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	56	.02	0	0	35	S	1208					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2308	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: 0615 PST 2 SEC SLOW

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.
2015 P 2 SEC SLOW

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: 1981 APR 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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10s of deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
RS	0051	E40 BKN 200 OVC	20		TRW-	062	66	46	19	08		983	TB 46 T NE MOVG N	DS
													RE03 B45/60703 18 08	
RS	0145	E 40 BKN 120 OVC	20			061	66	43	10	14		982	TE 40 RE 25.	DS
SA	0245	E 40 BKN 120 OVC	20			062	63	45	10	10		982		DS
SA	0353	E40 OVC	20		RW-	068	63	46	35	06		983	RB47/30203 12// 63	GG
													20003 RAOAT 85106	
SA	0452	E40 OVC	20		RW-	071	57	48	03	11		983		GG
SA	0546	11 SCT E40 BKN 160 OVC	20			072	58	51	05	10		983	RE15	GG
SA	0649	10 SCT E30 BKN 120 OVC	20		RW-	078	58	52	10	10		984	RB19/30313 121/	GG
SA	0746	E30 BKN 180 BKN	20			070	60	49	14	05		982	RE11	GG
SA	0848	E30 BKN 180 BKN	20			073	61	51	10	10		983		GG
SA	0947	E30 BKN 180 BKN	20			068	63	51	12	11		982	60705 1270 57	GG
SA	1045	15 SCT E30 BKN	20			064	65	50	14	05		981		GG
SA	1148	15 SCT E30 BKN	20			057	66	42	18	16		979		GG
SA	1246	E30 BKN	20			049	67	40	12	15		976	717 1200	GG
SA	1347	E30 BKN	20			042	67	46	12	14		974	CB NW-N	GG
SP	1413	E30 BKN	20		T				13	13		972	T S MOVG N RWU S TB12	GG
SA	1445	E30 BKN	20		T	032	66	45	21	18		971	T NW MOVG N RWU SE AND NW	GG
SA	1545	E30 BKN	20		T	073	56	40	21	17	G26	981	T N MOVG N RWU N-E RBOTB	GG
													PRESRR/31400 1300	
													72 RAOAT 00089	
RS	1649	E30 BKN	20			089	56	40	22	10		985	TE 40 PK WND 2237/2349	DS
SA	1748	25 SCT E35 BKN 100 OVC	20			081	52	35	19	14	G21	982		DS
SA	1846	25 SCT 35 SCT 220 SCT	20			089	51	33	26	04		984	PRES UNSTDY/310 1903	DS
SA	1949	E35 BKN	20			090	50	37	22	12	G18	985		DS
SA	2046	E35 BKN	20			101	50	39	23	10		988		DS
SA	2148	E35 OVC	20			100	50	35	22	11	G17	988	HDY CU 5/112 15// 68 72	DS
SA	2246	35 SCT 120 SCT	20			099	49	34	19	14		987		DS
SA	2346	40 SCT	20			093	49	31	19	13	G18	986		DS

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} $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 APR 18

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.435	66.4	54.6	47	10	7	CB	E40	3	CS	200	10								8	6	020				00-01
01 45	26.425	66.0	53.3	44	10															8						01-02
02 45	26.425	63.2	52.7	50	10															8						02-03
03 53	26.440	62.8	53.3	55	10	10	Cu	E40												10	3	.005				03-04
04 52	26.440	57.4	52.1	72	10															10						04-05
05 46	26.440	57.9	54.0	79	10															10						05-06
06 49	26.450	57.9	54.6	82	10	3	CUFRA	10	5	Cu	E30	8	2	As	120	10				10	3	.010				06-07
07 46	26.430	60.2	53.8	67	9															8						07-08
08 48	26.440	61.3	55.1	69	9															9						08-09
09 47	26.430	62.9	55.7	66	8	6	Cu	E30	2	Ac	180	8								8	6	.020				09-10
10 45	26.420	64.9	56.0	59	7															7						10-11
11 48	26.400	66.2	53.0	42	7															7						11-12
12 46	26.380	67.2	52.5	37	8	8	Cu	E30												8	7	.050				12-13
13 47	26.360	67.3	54.8	46	8															8						13-14
14 45	26.330	66.4	54.1	46	9															9						14-15
15 45	26.420	55.6	47.4	55	9	9	CB	E30												9	3	.040				15-16
16 49	26.455	55.7	47.2	55	9															9						16-17
17 48	26.430	52.3	43.9	52	10															10						17-18
18 46	26.450	51.3	42.8	50	3	1	STFRA	25	2	CB	35	3	0	Ci	220	3				3	3	030				18-19
19 49	26.455	50.4	43.7	60	7															7						19-20
20 46	26.485	50.0	44.5	66	6															6						20-21
21 48	26.485	50.0	42.8	56	10	0	STFRA	25	10	CU	E35	10								9	1	035				21-22
22 46	26.480	48.8	42.0	57	5															5						22-23
23 46	26.470	49.3	40.8	48	3															3						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	.01	0	X	67	63	X	X						X		
	0347	1	.03	0	0	72	63		1								
	0943	2	.05	0	0	63	57		1								
	1543	3	T	0	0	68	56		0								
	2142	4	0	0	0	56	47		0								
	MID.	X	0	0	0	50	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0946	1544	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.430	26.420	26.485
BAROGRAPH 64	26.420	26.420	26.410	26.470
BAR. CORR. 65	+.010	0	+.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 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
68	47	.06	0	0	37	SW	1547					9	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT	0003			
RW-	0045	0125			
T	0046	0140			
RW-	0347	0515			
RW-	0619	0711			
T	1412	1640			
RW-	1507	1523			

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: 0610 PST 2 SEC. SLOW

2041 P 2 SEC SLOW

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 1981 APR 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. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENSERS INITIALS (14)
SA	0048	40SCT 140SCT	20			100	47	34	18	11		988	500 1520	DS
SA	0145	40SCTE140BKN 200BKN	20			098	48	31	20	10		987		DS
SA	0246	140SCT 200-SCT	20			095	47	31	36	10		986		DS
SA	0352	150SCT 200-SCT	20			111	44	34	23	12	G19	989	3031478 44 200066	
													RADAT 59070	HS
SA	0450	40SCT	20			117	43	35	24	09	G24	991		HS
SA	0547	40SCT 150SCT	20			126	44	34	22	13	G21	993		HS
SA	0648	40SCT E120BKN	20			136	47	34	24	10		996	320 1170	HS
SA	0748	40SCT E120BKN	20			141	50	33	22	13		998		HS
SA	0848	40SCT E100BKN	20			152	50	36	21	11	G21	001		HS
SA	0950	40SCT E100BKN	20			155	52	35	18	14	G23	002	119 1270 43	HS
SA	1047	40SCT 100SCT	20			154	55	33	22	10	G21	002		HS
SA	1148	E50BKN 200BKN	20			151	57	32	18	10	G19	002	1206	HS
SA	1249	E50BKN 200OVC	20			153	58	33	21	14	G24	002	400 ~~1207~~	HS
SA	1347	E50BKN 200OVC	20			150	58	33	21	10	G24	002		HS
SA	1446	E50BKN 200BKN	20			151	57	33	22	10		002		HS
SA	1548	E70BKN 200OVC	20			151	57	32	22	10		001	803 1408 58 RADAT 73075	JK
SA	1647	E70BKN 200OVC	20			157	55	34	20	13		002		JK
SA	1745	E80BKN 2000VC	20			159	55	33	22	10		003		JK
SA	1847	E80BKN 2000VC	20			158	54	33	21	10		003	107 1408	JK
SA	1948	E80BKN 200OVC	20			161	54	33	30	02		004		JK
SA	2045	E80BKN 200OVC	20			165	54	33	20	04		005		JK
SA	2146	E80BKN 2000VC	20			167	55	35	27	03		006	310 1408 58	JK
SA	2245	E80BKN 200OVC	20			170	54	36	05	05		007		JK
SA	2345	E80OVC	20			167	54	34	03	04		007		JK

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

FM11V: IIiii Ndaff 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
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK, NV

DATE: 1981 APR 19

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.485	47.0	41.0	61	4	1	Sc	40	3	As	140	4								3	5	.000			00-01
01 48	26.480	47.7	40.6	51	6															4					01-02
02 46	26.470	46.9	39.8	54	4															2					02-03
03 52	26.495	44.0	39.5	68	3	0	Sc	40	1	Ac	150	1	2	Cs	200	3				1	3	.010			03-04
04 50	26.510	43.1	39.2	72	1															1					04-05
05 47	26.530	44.4	39.7	67	2															2					05-06
06 48	26.555	46.6	40.6	61	7	3	Cu	40	4	Ac	E120	7								7	3	.060			06-07
07 48	26.570	49.8	41.9	52	9															9					07-08
08 48	26.600	50.2	43.1	57	9															9					08-09
09 50	26.610	52.0	43.7	52	6	4	Cu	40	2	Ac	E100	6								6	1	.055			09-10
10 47	26.610	54.9	44.4	43	5															5					10-11
11 48	26.610	56.8	45.1	39	9															9					11-12
12 49	26.610	58.3	46.1	39	10	6	Cu	E50	4	Ci	200	10								8	4	.000			12-13
13 47	26.605	58.3	46.0	38	10															9					13-14
14 46	26.605	57.1	45.4	40	9															8					14-15
15 48	26.600	57.3	45.3	39	10	6	Sc	E70	4	Cs	200	10								8	8	.010			15-16
16 47	26.610	55.2	45.0	45	10															9					16-17
17 45	26.620	54.7	44.2	43	10															9					17-18
18 47	26.620	54.2	44.2	45	10	6	Sc	E80	4	Cs	200	10								9	1	.020			18-19
19 48	26.630	54.0	44.0	45	10															10					19-20
20 45	26.640	54.0	44.0	45	10															10					20-21
21 46	26.650	54.5	45.0	48	10	6	Sc	E80	4	Cs	200	10								10	3	.030			21-22
22 45	26.660	53.9	45.0	51	10															10					22-23
23 45	26.655	53.7	44.3	48	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 03 47	X	0	0	X	50	44	X	X						X		
	03 47	1	0	0	0	50	44		0								
	0945	2	0	0	0	52	43		0								
	1544	3	0	0	0	58	52		0								
	2144	4	0	0	0	57	54		0								
	MID.	X	0	0	0	55	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.495	26.610	26.600	26.650
BAROGRAPH 64	26.480	26.590	26.600	26.645
BAR. CORR. 65	+0.15	+.020	+.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
58	43	0	0	0	25	SW	0859					8	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: 0650 2 Sec Slow 1752 2 Sec Slow

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: 1981 APR 20

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	E80 OVC	20			163	53	34	04	07		006	802 14//	JK
SA	0148	E80 BKN 200 BKN	20			156	51	35	05	05		004		JK
SA	0245	80 SCT 200 SCT	20			156	47	36	35	04		003		JK
SA	0349	250SCT	20			161	47	35	13	04		004	505 1006 45 RADAT 85078	HS
SA	0446	250-SCT	20			166	47	37	05	09		005		HS
SA	0547	250 SCT	20			171	45	36	13	04		007	SC SE	HS
SA	0650	250 SCT	20			174	50	37	12	03		008	212 1506	HS
SA	0748	250-SCT	20			166	57	35	10	04		007	CW ALQDS	HS
SA	0847	250-SCT	20			168	58	35	12	10		008	CW ALQDS	HS
SA	0948	50SCT 250-SCT	20			169	60	34	18	08		008	500 1105 45	HS
SA	1049	50SCT 250 ~~BKN~~ SCT	20			167	62	34	29	03		006		HS
SA	1149	50SCT	20			160	63	33	04	04		006		HS
SA	1248	E50BKN	20			152	66	35	03	03		004	RWY MTN TP OBSCD SE	
													812 1200	HS
SA	1347	E50BKN	20			150	67	33	27	04		003		HS
SA	1450	50SCT	20			145	66	31	27	05		001		HS
SA	1546	50 SCT	20			139	69	31	02	05		999	714 1200 69 RADAT 63094	JK
SA	1648	70 SCT	20			137	66	31	36	03		998		JK
SA	1745	70 SCT	20			137	66	28	05	05		998		JK
SA	1846	250-SCT	20			141	63	31	05	07		999	500 1101	JK
SA	1947	CLR	20			146	60	34	05	08		002		JK
SA	2049	CLR	20			150	58	33	08	07		003		JK
SA	2145	CLR	20			152	57	32	06	04		004	312 1101 69	JK
SA	2246	CLR	20			149	55	34	12	05		003		JK
SA	2347	CLR	20			149	55	34	05	08		003		JK

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

FM11V: Iliii 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:1978-665-010/1100 Revision No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 20

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.645	53.0	44.0	49	10	10	Sc	E80												10	8	.005				00-01
01 48	26.625	50.9	43.1	54	7															5						01-02
02 45	26.620	47.2	42.0	66	2															2						02-03
03 49	26.630	46.6	41.0	63	2	2	Ci	250												2	5	.015				03-04
04 46	26.640	47.1	42.0	67	5															2						04-05
05 47	26.650	45.0	40.8	71	3															2						05-06
06 50	26.665	50.2	43.9	61	3	0	Sc	60	3	Ci	250	3								2	2	.035				06-07
07 48	26.655	56.6	46.0	45	2															1						07-08
08 47	26.660	58.1	46.6	42	2															1						08-09
09 48	26.665	60.0	47.0	37	3	1	Cu	50	2	Ci	250	3								1	5	.000				09-10
10 49	26.665	62.4	48.1	34	4															4						10-11
11 49	26.645	63.1	48.6	33	5															5						11-12
12 48	26.630	65.6	49.9	32	8	8	Cu	E50												8	8	.035				12-13
13 47	26.620	67.2	50.0	28	6															6						13-14
14 50	26.600	66.0	48.9	27	5															5						14-15
15 46	26.590	69.0	50.0	24	5	5	Cu	50												5	7	.040				15-16
16 48	26.580	66.0	48.7	27	5															5						16-17
17 45	26.580	65.5	48.2	26	2															2						17-18
18 46	26.590	63.3	47.6	29	1	0	Cu	50	1	Ci	250	1								0	5	.000				18-19
19 47	26.610	59.9	47.0	38	0															0						19-20
20 49	26.620	58.3	46.1	39	0															0						20-21
21 45	26.625	57.0	45.1	39	0	0	Cu	50	0	Ci	250	0								0	3	.035				21-22
22 46	26.620	55.1	45.0	46	0															0						22-23
23 47	26.620	55.1	45.0	46	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	54	45	X	X						X		
	0344	1	0	0	0	55	45		0								
	0943	2	0	0	0	61	45		0								
	1543	3	0	0	0	69	60		0								
	2142	4	0	0	0	69	57		0								
	MID.	X	0	0	0	57	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26630	26665	26590	26625
BAROGRAPH 64	26620	26655	26580	26610
BAR. CORR. 65	+.010	+.010	+.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 UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	45	0	0	0	17	N	1229					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0950P - 2 SEC SLOW 1750 2 SEC SLOW

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: 1981 APR 21

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			144	55	34	04	10		002	805	JK
SA	0149	CLR	20			144	54	33	05	07		002		JK
SA	0248	CLR	20			140	54	34	06	10		001		JK
SA	0351	CLR	20			133	52	33	10	07		999	810 49 RADAT 50101	HS
SA	0449	250-SCT	20			136	51	35	15	07		999		HS
SA	0549	250-OVC	20			146	49	36	13	04		002		HS
SA	0648	250-OVC	20			145	56	38	36	02		002	110 1001	HS
SA	0747	250-OVC	20			144	62	35	02	10		002		HS
SA	0847	250-OVC	20			138	67	33	13	06		001		HS
SA	0949	250-OVC	20			137	68	32	03	09		001	603 1001 47	HS
SA	1047	250-OVC	20			130	71	29	03	07		999	CU SE	HS
SA	1151	250-OVC	20			116	73	30	36	03		996	CU SE	HS
SA	1248	250-OVC	20			112	75	26	12	06		994	CU SE NW/ 720 1131	HS
SA	1348	250-OVC	20			105	75	29	36	04		992	CU ALQDS ACSL W	HS
SA	1452	250-OVC	20			097	75	32	02	08		990	CU ALQDS	HS
SA	1545	250-OVC	20			094	76	34	36	04		988	717 1107 77 RADAT 64110	JK
SA	1649	100 SCT E250 OVC	20			093	76	34	18	02		988		JK
SA	1750	E100 BKN 250 OVC	20			094	75	33	24	04		988		JK
SA	1845	E100 BKN 250 OVC	20			096	74	31	27	06		989	302 1408	JK
SA	1949	E100 BKN 250 BKN	20			103	68	33	02	04		992		JK
SA	2048	100 SCT 250 SCT	20			111	65	35	03	09		994		JK
SA	2146	E100 BKN 250 BKN	20			111	69	37	02	13		995	117 1408 77	JK
SA	2245	100 SCT	20			112	67	38	02	20		995		JK
SA	2347	100 SCT	20			119	65	38	03	15		997		JK

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,s $8N_sCh$ 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:1978-665-010/1109 Region No. 6

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 21

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.610	54.8	44.8	46	0															0	8	.015			00-01
01 49	26.610	54.2	44.1	44	0															0					01-02
02 48	26.600	53.8	44.1	46	0															0					02-03
03 51	26.580	52.1	43.1	48	0															0	8	.030			03-04
04 49	26.585	51.0	43.2	53	1															0					04-05
05 49	26.605	48.9	42.6	61	10															1					05-06
06 48	26.610	55.6	46.6	51	10	10	Ci	250												1	1	.030			06-07
07 47	26.610	62.0	48.2	36	10															1					07-08
08 47	26.600	67.3	50.1	28	10															1					08-09
09 49	26.600	67.9	50.0	27	10	10	Ci	250												0	6	.010			09-10
10 47	26.580	71.0	50.3	21	10															3					10-11
11 51	26.550	73.4	51.6	20	10															3					11-12
12 48	26.540	75.3	51.4	16	10	0	Cu	60	0	Ac	150	0	10	Ci	250	10				2	7	.060			12-13
13 48	26.520	75.0	52.0	18	10															2					13-14
14 52	26.500	75.2	52.9	20	10															2					14-15
15 45	26.490	76.0	54.0	22	10	0	Cu	60	10	CS	250	10								4	7	.050			15-16
16 49	26.485	76.3	53.8	21	10															6					16-17
17 50	26.485	75.0	53.0	21	10															7					17-18
18 45	26.495	73.5	52.1	21	10	6	Sc	E100	4	CS	250	10								7	3	.005			18-19
19 49	26.515	68.4	50.4	27	7															6					19-20
20 48	26.540	65.3	49.8	32	4															3					20-21
21 46	26.545	68.9	52.1	31	8	6	Sc	E100	2	CS	250	8								6	1	.050			21-22
22 45	26.550	67.1	51.5	34	4															3					22-23
23 47	26.570	65.2	51.0	37	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 0346	X	0	0	X	55	49	X	X						X		
	0346	1	0	0	0	57	49		0								
	0944	2	0	0	0	70	47		0								
	1542	3	0	0	0	77	68		0								
	2143	4	0	0	0	77	65		0								
	MID.	X	0	0	0	69	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1543	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.600	26.490	26.545
BAROGRAPH 64	26.580	26.580	26.490	26.550
BAR. CORR. 65	0	*+.020	±.10	-.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
77	47	0	0	0	22	N	2224					10	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: 0954P - 25SEC SLOW 1800 25SEC SLOW

*BAROGRAPH CHANGED RE-SET TO "0"

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 1981 APR 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 (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	120 SCT	20			127	64	37	08	12		999	215 1070	JK
SA	0148	120 SCT	20			131	63	36	07	11		001		JK
SA	0246	CLR	20			136	62	35	07	06		002		JK
SA	0349	CLR	20			141	59	34	03	13		003	210 59 RADAT 75110	HS
SA	0450	CLR	20			145	58	34	36	11		004		HS
SA	0548	250 -SCT	20			156	58	33	06	09		008		HS
SA	0646	250 - SCT	20			158	62	36	02	10		008	115 1001	HS
SA	0748	250 - SCT	20			166	64	32	03	13		010		HS
SA	0847	250 - SCT	20			166	67	30	02	15		010		HS
SA	0946	250 - SCT	20			161	70	30	11	12		010	105 1001 55	HS
SA	1047	250 - SCT	20			158	73	31	09	04		009		HS
SA	1148	250 ~~-SCT~~ BKN	20			153	76	30	02	06		008		HS
SA	1248	250 - BKN	20			145	78	29	36	06		005	714 1001	HS
SA	1348	250 - SCT	20			136	80	29	02	14		003		HS
SA	1445	250 -SCT	20			130	79	29	02	12		001		HS
SA	1547	250 - SCT	20			126	80	29	03	07		999	719 1005 82 RADAT 25133	LEF
SA	1650	250 - SCT	20			124	80	31	03	06		999		LEF
1748 SA	~~1748~~	250 - BKN	20			126	79	31	03	08		999		LEF
SA	1847	250 - BKN	20			132	74	31	06	07		001	305 1006	LEF
SA	1947	250 - BKN	20			139	72	33	10	06		003		LEF
SA	2048	250 - BKN	20			140	71	33	09	09		003		LEF
SA	2145	250 - BKN	20			140	70	33	30	04		004	208 1006 82	LEF
SA	2245	250 - BKN	20			144	66	36	04	08		004		LEF
SA	2348	250 - BKN	20			142	63	33	04	10		004		LEF

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

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

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 22

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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 45	26.590	64.1	50.0	37	2	2	AC	120												2	2	.045			00-01
01 48	26.600	63.0	49.0	36	1															1					01-02
02 46	26.610	62.0	48.4	36	0															0					02-03
03 49	26.620	59.0	46.6	39	0															0	2	.030			03-04
04 50	26.630	58.0	46.0	40	0															0					04-05
05 48	26.660	57.6	45.8	40	3															0					05-06
06 46	26.665	61.5	47.3	34	2	2	Ci	250												0	1	.045			06-07
07 48	26.680	63.7	48.2	31	5															0					07-08
08 47	26.680	67.0	49.0	25	5															0					08-09
09 46	26.680	70.4	50.5	23	4	4	Ci	250												0	1	.015			09-10
10 47	26.670	72.6	51.6	21	4															0					10-11
11 48	26.660	76.4	52.8	18	6															0					11-12
12 48	26.640	77.6	53.1	17	6	6	Ci	250												0	7	.040			12-13
13 48	26.620	80.1	54.2	16	4															0					13-14
14 45	26.600	78.7	53.6	16	3															0					14-15
15 47	26.585	80.0	54.1	16	4	4	Ci	250												0	7	.055			15-16
16 50	26.580	80.0	54.6	17	4															0					16-17
17 48	26.585	78.5	54.1	18	7															1					17-18
18 47	26.600	74.0	52.2	20	7	7	Ci	250												1	3	.015			18-19
19 47	26.615	71.7	51.7	24	7															1					19-20
20 48	26.620	71.2	51.6	24	7															1					20-21
21 45	26.625	69.7	50.9	25	7	7	Ci	250												1	2	.025			21-22
22 45	26.630	66.3	50.5	32	9															1					22-23
23 48	26.630	63.3	48.4	32	9															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 0344	X	0	0	X	65	59	X	X						X		
	0344	1	0	0	0	69	59		0								
	0941	2	0	0	0	72	55		0								
	1542	3	0	0	0	82	70		0								
	2145	4	0	0	0	80	70		0								
	MID.	X	0	0	0	70	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.680	26.585	26.625
BAROGRAPH 64	26.625	26.685	26.585	26.625
BAR. CORR. 65	-.005	-.005	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	55	0	0	0	17	E	0949					5	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK 2 SEC SLOW 0630 2321 1 1/2 SEC SLOW

MF1-10B

☆ U.S. Government Printing Office: 1979—665-010/1153 Region No. 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: 1981 APR 23

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 - BKN	20			142	64	34	05	09		004	102 1008	LEF
SA	0149	250 - OVC	20			140	63	34	05	12		004		LEF
SA	0245	250 - OVC	20			146	62	35	05	13		005		LEF
SA	0352	250 - OVC	20			149	61	35	04	11		007	307 1007 61 RADAT 26131	RD
SA	0449	250 - BKN	20			158	60	35	05	10		009		RD
SA	0549	250 - BKN	20			162	61	35	05	11		010		RD
SA	0649	250 - SCT	20			160	65	37	04	16		009	608 1008	RD
SA	0748	250 - SCT	20			158	68	39	02	12		009		RD
SA	0848	250 - SCT	20			152	73	38	02	11		008		RD
SA	0947	250 - SCT	20			146	77	36	13	11		007	708 1001 60	RD
SA	1047	250 - SCT	20			141	79	35	06	08		005		RD
SA	1149	250 - SCT	20			135	82	33	18	07		003		RD
SA	1249	250 - SCT	20			127	84	34	18	09		002	715 1101	RD
SA	1350	250 - SCT	20			120	85	34	34	06		999	FEW CU	RD
SA	1450	250 - SCT	20			116	85	33	24	10		998	FEW CU	RD
SA	1547	CLR	20			111	86	34	25	10		997	715 1001 86 RADAT 25135	LEF
SA	1645	CLR	20			108	85	33	22	13		996		LEF
SA	1746	CLR	20			108	85	33	24	07		996		LEF
SA	1851	CLR	20			112	76	33	16	02		996	603 1001	LEF
SA	1948	CLR	20			120	73	33	13	06		998		LEF
SA	2050	CLR	20			117	72	32	09	04		998		LEF
SA	2146	CLR	20			115	69	33	12	05		998	007 1001 87	LEF
SA	2245	CLR	20			113	66	35	05	02		997		LEF
SA	2345	CLR	20			112	63	31	32	01		997		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 $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 23

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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.
0050	26.630	63.7	48.8	33	9	9	CS	250												1	1	.005			00-01
0149	26.630	63.3	48.6	33	10															1					01-02
0245	26.640	62.4	48.4	35	10															1					02-03
0352	26.650	61.4	48.0	37	10	10	CS	250												1	3	.020			03-04
0449	26.670	60.0	47.3	38	6															1					04-05
0549	26.680	60.8	48.0	38	8															1					05-06
0649	26.675	64.9	50.4	36	4	4	CS	250												0	0	.025			06-07
0748	26.670	67.6	52.0	34	3															0					07-08
0848	26.660	73.0	54.0	28	1															0					08-09
0947	26.650	77.1	54.8	21	2	2	Ci	250												0	7	.025			09-10
1047	26.640	78.9	55.3	21	1															0					10-11
1149	26.620	81.6	55.8	17	1															0					11-12
1249	26.605	83.9	56.8	17	2	0	Cu	70	2	Ci	250	2								0	7	.045			12-13
1350	26.585	85.0	57.3	16	1															0					13-14
1450	26.575	85.0	57.0	16	1															0					14-15
1547	26.560	85.8	57.6	16	0	0	Ci	250												0	7	.045			15-16
1645	26.550	85.0	57.0	16	0															0					16-17
1746	26.550	84.6	56.8	16	0															0					17-18
1851	26.550	75.6	53.5	21	0	0	Ci	250												0	6	.010			18-19
1948	26.570	72.8	52.4	23	0															0					19-20
2050	26.575	71.9	51.6	23	0															0					20-21
2146	26.570	68.5	50.5	27	0	0	Ci	250												0	0	.020			21-22
2245	26.565	66.1	50.1	32	0															0					22-23
2345	26.560	63.4	47.7	30	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	65	61	X	X						X		
	0345	1	0	0	0	70	61		0								
	0943	2	0	0	0	77	60		0								
	1542	3	0	0	0	86	77		0								
	2141	4	0	0	0	87	69		0								
	MID.	X	0	0	0	69	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0946	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.650	26.560	26.570
BAROGRAPH 64	26.660	26.665	26.560	26.570
BAR. CORR. 65	-.010	-.015	±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
87	60	0	0	0	17	E	1125					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: 0951 2 SEC SLOW / 2259 2 SEC SLOW

MF1-10B

☆ U.S. Government Printing Office: 1979—665 010/1153 Region No. 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: 1981 APR 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 (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	CLR	20			105	64	29	05	06		996	Z07	LEF
SA	0149	CLR	20			105	63	31	08	06		995		LEF
SA	0247	CLR	20			103	67	32	03	03		995		LEF
SA	0347	CLR	20			109	63	35	06	06		996	302 63 RADAT 20129	RD
SA	0449	CLR	20			110	65	38	02	03		997		RD
SA	0549	CLR	20			112	65	38	11	05		997		RD
SA	0651	CLR	20			119	68	35	27	05		998	207 1001	RD
SA	0749	250 - SCT	20			116	74	37	00	00		998		RD
SA	0849	250 - SCT	20			111	78	41	25	15		997		RD
SA	0950	250 - SCT	20			112	81	39	23	16		997	805 1001 60	RD
SA	1050	250 - ~~SCT~~ BKN	20			104	82	38	22	09		995		RD
SA	1148	250 - BKN	20			096	84	42	21	10	G21	992		RD
SA	1248	250 - BKN	20			092	85	35	19	13		991	717 1101	RD
SA	1351	250 - BKN	20			089	86	34	19	11		988	PK WND 2237/26	RD
SA	1450	250 - BKN	20			092	84	34	18	21		986		RD
SA	1547	250 - BKN	20			068	84	36	20	136	22	984	720 1008 88 RADAT 20131	LEF
1646 SA	~~1646~~	250 - BKN	20			061	84	37	20	166	25	982		LEF
1745 SA	~~1745~~	250 - BKN	20			056	82	35	19	16		981		LEF
1846 SA	~~1846~~	250 - BKN	20			055	78	34	19	09		981	610 1008	LEF
1950 SA	~~1950~~	250 - BKN	20			060	76	32	19	10		983		LEF
SA	2047	250 - BKN	20			065	75	35	20	11		984		LEF
SA	2145	250 - BKN	20			062	75	35	20	14		984	008 1008 88	LEF
SA	2245	250 - BKN	20			061	73	35	20	14		983		LEF
SA	2347	250 - BKN	20			059	72	33	05	07		983		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} $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO. DESERT ROCK, NV

DATE: 1981 APR 24

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.550	64.0	47.3	27	0															0	7	.020			00-01
01 45	26.595	63.4	47.7	30	0															0					01-02
02 47	26.595	67.4	49.8	27	0															0					02-03
03 47	26.555	63.3	49.0	35	0															0	3	.065			03-04
04 49	26.560	65.0	50.6	36	0															0					04-05
05 49	26.565	64.9	50.8	37	0															0					05-06
06 51	26.575	68.2	50.9	29	0	0	Ci	250												0	2	.020			06-07
07 47	26.575	73.8	54.0	26	1															0					07-08
08 47	26.565	78.2	57.0	26	1															0					08-09
09 50	26.560	81.3	57.4	22	2	2	Ci	250												0	8	.015			09-10
10 50	26.545	82.0	57.3	20	7															0					10-11
11 48	26.520	84.1	59.5	22	8															0					11-12
12 48	26.510	85.2	57.6	16	8	0	Cu	70	8	Ci	250	8								0	7	.050			12-13
13 51	26.480	85.8	57.6	16	8															0					13-14
14 50	26.460	83.7	56.7	17	8															0					14-15
15 47	26.450	84.0	57.5	17	9	9	CS	250												0	7	.060			15-16
16 46	26.430	84.3	58.0	19	9															0					16-17
17 45	26.420	81.5	56.2	18	9															0					17-18
18 46	26.420	78.0	54.7	20	9	9	CS	250												0	6	.030			18-19
19 50	26.435	76.0	53.4	20	9															0					19-20
20 47	26.450	75.0	53.7	23	9															0					20-21
21 45	26.445	74.7	53.7	23	8	8	CS	250												0	0	.025			21-22
22 45	26.440	73.2	53.0	25	8															0					22-23
23 47	26.435	71.7	51.8	24	8															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	68	63	X	X						X		
	0343	1	0	0	0	69	63		0								
	0943	2	0	0	0	81	60		0								
	1542	3	0	0	0	88	81		0								
	2140	4	0	0	0	85	75		0								
	MID.	X	0	0	0	75	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.555	26.560	26.450	26.445
BAROGRAPH 64	26.560	26.570	26.460	26.450
BAR. CORR. 65	-.005	-.010	-.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
88	60	0	0	0	37	SW	1326					5	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0935 2SEC SLOW / 1055 2SEC SLOW

MF1-10B

☆ U.S. Government Printing Office: 1979—665-010/1153 Region No. 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: 1981 APR 25

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (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)	OBS. SERVER'S INITIALS (15)
SA	0048	250 -BKN	20			055	71	33	33	03		982	707 1006	LEF
SA	0148	250 -SCT	20			057	63	31	24	06		981		LEF
SA	0247	250 -SCT	20			062	61	35	31	01		982		LEF
SA	0351	250 -SCT	20			067	60	36	02	03		983	305 1001 60 RADAT 20131	RD
SA	0448	250 -SCT	20			069	60	36	04	08		984		RD
SA	0548	250 -SCT	20			071	62	35	32	05		985		RD
SA	0647	250 -SCT	20			076	67	37	34	04		987	210 1001	RD
SA	0749	250 -SCT	20			076	69	38	25	03		987		RD
SA	0849	250 -SCT	20			072	73	36	27	05		986		RD
SA	0951	250 SCT	20			068	78	36	21	15		985	805 1001 57	RD
SA	1048	250 SCT	20			062	80	34	23	20		983		RD
SA	1151	250 SCT	20			055	83	32	18	16		982		RD
SA	1250	250 SCT	20			050	84	31	19	18	G27	980	715 1001	RD
SA	1348	250 SCT	20			048	84	30	20	21		979		RD
SA	1450	250 SCT	20			045	84	30	20	20		977		RD
SA	1551	CLR	20			035	85	26	21	17	G30	974	717 1001 86 RADAT 20135	LEF
SA	1645	CLR	20			037	84	22	21	20	G29	974		LEF
SA	1745	CLR	20			034	80	23	20	24		973	ACSL SE	LEF
SA	1847	CLR	20			036	76	26	21	20		974	SO2 1070	LEF
SA	1946	160 SCT	20			048	73	30	21	20		977		LEF
SA	2045	160 SCT	20			059	71	34	18	10		981		LEF
SA	2151	E160 BKN	20			050	70	35	16	12		979	015 1070 86	LEF
SA	2246	E160 BKN	20			051	69	28	15	14		979		LEF
SA	2348	E 160 BKN	20			054	68	28	20	06		980		LEF

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

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

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1981 APR 25

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.425	71.4	51.6	24	6	6	CS	250												0	7	020			00-01
01 48	26.420	63.1	47.4	29	5															0					01-02
02 47	26.430	60.9	48.0	38	4															0					02-03
03 51	26.440	60.0	48.0	41	2	2	C1	250												0	3	.015			03-04
04 48	26.445	60.0	47.8	41	1															0					04-05
05 48	26.455	61.6	48.2	37	1															0					05-06
06 47	26.470	66.6	51.0	34	2	2	C1	250												0	2	.030			06-07
07 49	26.470	69.2	52.6	32	2															1					07-08
08 49	26.460	73.4	53.6	26	2															1					08-09
09 51	26.455	77.7	55.0	22	2	2	C1	250												2	8	.015			09-10
10 48	26.440	79.9	55.4	19	2															2					10-11
11 51	26.425	82.8	55.9	16	1															1					11-12
12 50	26.410	84.0	56.0	14	1	1	C1	250												1	7	.045			12-13
13 48	26.395	84.2	56.1	14	1															1					13-14
14 50	26.380	84.0	55.8	14	1															1					14-15
15 51	26.360	84.5	55.0	11	0	0	Ci	250												0	7	050			15-16
16 45	26.360	83.8	53.9	10	0															0					16-17
17 45	26.350	80.4	52.9	12	0															0					17-18
18 47	26.355	76.3	51.9	16	0	0	AC	160												0	5	005			18-19
19 46	26.385	73.1	51.6	20	1															1					19-20
20 45	26.415	70.9	51.7	25	5															5					20-21
21 51	26.400	70.0	51.7	27	7	7	AC	6160												7	0	045			21-22
22 46	26.400	68.7	49.0	21	6															6					22-23
23 48	26.410	67.7	48.8	23	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 0344	X	0	0	X	72	60	X	X						X		
	0344	1	0	0	0	75	60		0								
	0940	2	0	0	0	78	57		0								
	1546	3	0	0	0	86	78		0								
	2146	4	0	0	0	85	70		0								
	MID.	X	0	0	0	70	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.455	26.360	26.400
BAROGRAPH 64	26.455	26.455	26.365	26.400
BAR. CORR. 65	-.010	0	-005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
86	57	0	0	0	31	5	2314					1	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: 1035 2 SEC SLOW / 1130 2 SEC SLOW

CHANGED MICROBARGRAPH AND RESET AT 0950 LST

MF1-10B

☆ U.S. Government Printing Office: 1979—665-010/1153 Region No. 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: 1981 APR 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 (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	0047	E160 BKN	20			044	67	28	19	14		978	803 1070	LEF
SA	0145	E160 BKN	20			044	66	27	24	08		978		LEF
SA	0245	E160 BKN	20			050	66	25	15	08		979		LEF
SA	0347	160 SCT E250 BKN	20			056	65	33	21	12		981	310 1078 65	SH
	—		—			—						—	RADAT 33113	—
SA	0447	160 SCT E250 OVC	20			058	65	37	19	12	G22	981		SH
SA	0545	E160 BKN 250 OVC	20			067	65	35	18	07		983	BINOVC	SH
SA	0649	160 SCT E250 OVC	20			073	66	36	20	12	G24	984	310 1047	SH
SA	0745	160 SCT E250 OVC	20			077	68	35	22	14		985	BINOVC	SH
SA	0845	160 SCT E250 OVC	20			080	69	33	22	16	G26	986		SH
SA	0949	160 SCT E250 OVC	20			082	68	34	22	16	G28	986	207 1072 64	SH
SA	1046	80 SCT E130 OVC	20			076	68	37	19	18	G31	985	RWY SE	SH
SA	1145	80 SCT 130 SCT E250 BKN	20			070	71	39	18	19	G30	983		SH
SA	1247	130 SCT E250 BKN	20			062	74	40	22	21	G37	981	PK WND 2237/43	SH
	—		—			—						—	717 1642	—
SA	1347	130 SCT E250 BKN	20			058	74	38	22	22	G33	980		SH
SA	1446	130 SCT E250 BKN	20			055	74	34	21	23	G31	979		SH
SA	1548	120 SCT E250 BKN	20			055	72	34	22	17	G28	979	607 1242 76	RK
/													RADAT 20113	/
SA	1648	120 SCT E250 BKN	20			056	70	29	22	24	G32	979	TCU DSNT E	RK
SA	1750	120 SCT E250 BKN	20			065	70	32	21	12	G20	981		RK
SA	1850	140 SCT E250 BKN	20			068	68	31	19	14		982	310 1248	RK
SA	1950	140 SCT E250 BKN	20			076	65	31	23	07		984		RK
SA	2050	250 -BKN	20			084	63	33	27	04		986		RK
SA	2145	250 -BKN	20			084	61	33	25	06		986	112 1048 76	RK
SA	2245	250 -BKN	20			092	61	35	30	07		988		RK
SA	2346	250 -BKN	20			091	60	30	22	10		988		RK

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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 26

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.390	67.0	48.4	23	7	7	AC	E160												7	8	010			00-01
01 45	26.390	66.3	47.7	22	6															6					01-02
02 45	26.400	65.7	47.0	21	6															6					02-03
03 47	26.420	65.3	49.0	29	8	2	AC	160	6	CS	E250	8								8	3	.030			03-04
04 47	26.420	64.6	50.3	36	10															10					04-05
05 46	26.440	65.0	49.6	32	10															8					05-06
06 49	26.450	65.6	50.3	34	10	4	AC	160	6	CS	E250	10								10	3	.030			06-07
07 45	26.460	67.7	50.7	29	10															8					07-08
08 45	26.465	69.0	50.6	26	10															10					08-09
09 49	26.470	68.2	50.7	28	10	5	AC	160	5	CI	E250	10								10	2	.020			09-10
10 46	26.460	68.0	51.6	32	10															10					10-11
11 45	26.440	70.5	53.2	31	9															9					11-12
12 47	26.420	74.3	55.4	29	7	0	CU	80	5	AC	130	5	2	CI	E250	7				7	7	.050			12-13
13 47	26.410	73.8	54.2	27	7															5					13-14
14 46	26.400	73.6	53.0	24	8															5					14-15
15 48	26.400	71.5	52.2	26	8	0	CU	70	3	AC	120	3	5	CI	E250	8				7	6	.020			15-16
16 48	26.400	70.3	50.0	21	9															8					16-17
17 50	26.420	69.6	50.6	25	9															8					17-18
18 50	26.430	67.9	49.7	25	9	0	CU	70	4	AC	140	4	5	CS	E250	9				8	3	.030			18-19
19 50	26.450	65.4	48.6	28	7															5					19-20
20 50	26.465	63.0	48.0	32	6															2					20-21
21 45	26.465	61.3	47.5	35	6	0	AC	140	6	CS	250	6								2	1	.035			21-22
22 45	26.485	60.6	47.7	38	7															2					22-23
23 46	26.485	60.2	46.0	32	7															2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	68	65	X	X						X		
	0342	1	0	0	0	70	65		0								
	0944	2	0	0	0	69	64		0								
	1545	3	0	0	0	76	68		0								
	2142	4	0	0	0	72	61		0								
	MID.	X	0	0	0	61	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.470	26.400	26.465
BAROGRAPH 64	26.420	26.475	26.395	26.465
BAR. CORR. 65	0	-.005	+.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	60	0	0	0	37	SW	1243					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: 0750 2 sec SLOW / 2150 2 sec SLOW

MF1-10B

U.S. Government Printing Office: 1979—665 010/1153 Region No. 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: 1981 APR 27

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	250 -BKN	20			093	59	32	33	04		989	110 1008	RK
SA	0145	250 -BKN	20			100	58	34	36	07		991		RK
SA	0250	250 -BKN	20			109	57	34	01	04		993		RK
SA	0351	140 SCT E250 BKN	20			115	57	33	12	03		995	217 1078 56	SH
	—		—			—						—	RADAT 70101	—
SA	0448	140 SCT E250 OVC	20			125	55	33	36	06		997		SH
SA	0548	140 SCT 250 - OVC	20			131	56	36	01	07		999		SH
SA	0647	140 SCT 250 - BKN	20			140	59	35	03	10		002	222 1078	SH
SA	0747	250 - BKN	20			144	61	36	03	12		003		SH
SA	0849	140 SCT E250 BKN	20			147	67	37	05	11		004		SH
SA	0946	140 SCT 250 -BKN	20			149	69	37	03	08		005	208 1078 53	SH
SA	1047	140 SCT 250 - BKN	20			146	72	38	10	09		004	CU NW-NE	SH
SA	1150	80 SCT 140 SCT 250 BKN	20			139	76	39	13	03		003	TCU N	SH
SA	1249	80 SCT 140 SCT E250 BKN	20			136	76	34	02	10		002	708 1278	SH
SA	1349	80 SCT 140 SCT 250 SCT	20			133	77	36	36	06		001		SH
SA	1450	80 SCT 140 SCT 250 SCT	20			128	79	33	36	09		000		RK
SA	1545	80 SCT 140 SCT E250 BKN	20			125	80	35	04	13		999	708 1278 81	RK
													RADAT 65113	
SA	1645	80 SCT 140 SCT E250 BKN	20		RW-	133	77	36	07	12		000	RB38 VERY LGT	RK
SA	1745	80 SCT 250 SCT	20			135	77	34	09	09		001	RE55	RK
SA	1850	250 -SCT	20			135	74	34	05	08		001	30500101	RK
SA	1946	CLR	20			145	72	36	01	09		004		RK
SA	2045	CLR	20			160	70	31	03	09		009		RK
SA	2145	CLR	20			165	69	27	02	13		011	13000 81	RK
SA	2251	CLR	20			169	66	31	02	14		012		RK
SA	2345	CLR	20			172	66	30	02	10		013		RK

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

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

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 APR 27

To convert LST to GMT ADD 0 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.495	59.3	46.0	35	7	7	Cs	250												2	1	030			00-01
01 45	26.510	58.1	46.1	40	7															2					01-02
02 50	26.530	56.7	45.5	42	7															2					02-03
03 51	26.545	57.0	45.4	40	8	2	AC	140	6	CS	250	8								7	2	.050			03-04
04 48	26.570	54.7	44.4	44	10															10					04-05
05 48	26.585	56.1	46.1	47	10															4					05-06
06 47	26.610	58.6	47.0	42	8	2	AC	140	8	CS	250	8								2	2	.065			06-07
07 47	26.620	61.3	48.5	39	7															2					07-08
08 49	26.630	67.3	51.3	33	8															6					08-09
09 46	26.635	68.8	51.8	31	8	1	AC	140	8	CS	250	8								2	2	.025			09-10
10 47	26.630	72.4	53.9	29	7															2					10-11
11 50	26.620	75.9	55.6	27	7															2					11-12
12 49	26.610	76.2	54.0	21	7	5	Cu	80	0	AC	140	5	2	CS	250	7				5	7	.025			12-13
13 49	26.600	77.3	55.1	23	5															5					13-14
14 50	26.590	79.4	55.0	19	5															4					14-15
15 45	26.585	79.8	55.7	20	7	4	Cu	80	1	AC	140	5	3	Cs	250	7				6	7	025			15-16
16 45	26.595	77.0	55.0	23	7															5					16-17
17 45	26.600	77.0	54.3	21	2															2					17-18
18 50	26.600	74.4	53.2	23	4	0	Sc	80	4	Cs	250	4								2	3	015			18-19
19 46	26.630	72.2	53.0	27	0															0					19-20
20 45	26.675	70.0	50.5	23	0															0					20-21
21 45	26.690	69.1	49.1	21	0															0	1	090			21-22
22 51	26.700	66.3	48.8	26	0															0					22-23
23 45	26.710	65.5	48.2	26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		60	56										
	0345	1	0	0	0	61	56		0								
	0942	2	0	0	0	69	53		0								
	1542	3	0	0	0	81	69		0								
	2142	4	T	0	0	80	69		0								
	MID.		0	0	0	69	66										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0944	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.635	26.585	26.690
BAROGRAPH 64	26.540	26.625	26.580	26.680
BAR. CORR. 65	+005	+010	+005	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	53	T	0	0	26	N	1513					7	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1638	1655			

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: 0945 2 sec Slow 1930 2 sec Slow

MF1-10B

☆ U.S. Government Printing Office: 1979—665-010/1153 Region No. 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: 1981 APR 28

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	CLR	20			176	65	30	34	11		014	310	RK
SA	0145	CLR	20			181	62	30	35	10		015		RK
SA	0251	CLR	20			180	60	30	02	10		015		RK
SA	0351	CLR	20			181	59	31	04	10		015	103 59 RADAT 20126	SH
SA	0447	CLR	20			187	58	32	04	11		016	FEW CI	SH
SA	0550	CLR	20			189	59	31	03	10		017	FEW CI	SH
SA	0645	CLR	20			197	62	30	02	10		019	214	SH
SA	0745	CLR	20			196	66	31	05	11		019		SH
SA	0850	CLR	20			188	70	29	05	12		017		SH
SA	0948	CLR	20			182	74	27	02	12	G21	016	810 56	SH
SA	1046	CLR	20			175	77	25	04	15		014		SH
SA	1148	CLR	20			160	79	24	05	15		011		SH
SA	1250	CLR	20			150	83	24	05	14		007	727 1001	SH
SA	1346	CLR	20			138	82	26	08	13		004	FEW CI	SH
SA	1448	250 -SCT	20			127	85	24	04	14		001		SH
SA	1545	250 -SCT	20			121	86	24	06	11		999	725 1001 87 RADAT 20138	RK
SA	1645	250 -SCT	20			118	85	24	05	14		998		RK
SA	1745	250 -BKN	20			116	83	23	08	11		997		RK
SA	1845	250 -BKN	20			119	81	23	09	09		998	503 1001	RK
SA	1947	CLR	20			129	74	21	05	10		000		RK
SA	2046	CLR	20			130	76	23	07	13		002		RK
SA	2145	CLR	20			135	71	24	19	05		003	215 87	RK
SA	2245	CLR	20			135	67	27	02	10		003		RK
SA	2345	CLR	20			137	68	28	06	07		004		RK

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

FM11V: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 28

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.720	64.6	47.8	27	0															0	3	.030			00-01
01 45	26.730	62.2	46.7	29	0															0					01-02
02 51	26.730	60.2	46.0	32	0															0					02-03
03 51	26.730	59.4	45.8	34	0															0	1	.010			03-04
04 47	26.740	58.0	45.6	37	0															0					04-05
05 50	26.750	58.8	45.7	35	0															0					05-06
06 45	26.770	62.4	46.8	29	0															0	2	.040			06-07
07 45	26.770	65.5	48.6	27	0															0					07-08
08 50	26.750	70.3	50.0	21	0															0					08-09
09 48	26.740	73.8	51.0	18	0															0	8	.030			09-10
10 46	26.720	76.6	51.7	15	0															0					10-11
11 48	26.685	79.3	52.7	13	0															0					11-12
12 50	26.660	82.6	54.0	12	0	0	CI	250												0	7	.080			12-13
13 46	26.630	82.4	54.3	13	0															0					13-14
14 48	26.600	85.3	55.0	11	3															0					14-15
15 45	26.585	85.5	55.0	11	4	4	CI	250												0	7	.075			15-16
16 45	26.575	85.2	55.0	11	4															0					16-17
17 45	26.565	83.3	53.9	11	7															0					17-18
18 45	26.575	80.9	53.0	12	6	6	CI	250												0	5	.010			18-19
19 47	26.595	73.7	49.6	14	0															0					19-20
20 46	26.610	76.4	51.2	14	0															0					20-21
21 45	26.620	71.0	49.1	17	0															0	2	.045			21-22
22 45	26.620	67.2	48.2	22	0															0					22-23
23 45	26.630	68.2	48.9	22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	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	59	X	X						X		
	0344	1	0	0	0	69	59		0								
	0943	2	0	0	0	74	56		0								
	1542	3	0	0	0	87	74		0								
	2142	4	0	0	0	86	71		0								
	MID.	X	0	0	0	71	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.740	26.585	26.620
BAROGRAPH 64	26.770	26.735	26.585	26.620
BAR. CORR. 65	0	+.005	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
87	56	0	0	0	25	NE	1255					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: 0950 2 SEC SLOW 2050 2 SEC SLOW

MF1-10B

U.S. Government Printing Office: 1979—665-010/1153 Region No. 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: 1981 APR 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 (4)	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)	OBSERVERS INITIALS (14)
SA	0048	CLR	20			140	68	29	02	12		005	307	RK
SA	0146	CLR	20			141	66	30	05	13		005		RK
SA	0250	CLR	20			140	65	28	06	11		006		RK
SA	0349	CLR	20			143	66	25	06	13		007	303 64 RADAT	JC
/													28126	/
SA	0454	CLR	20			145	63	27	06	10		007		JC
SA	0548	CLR	20			152	66	30	05	14		009		JC
SA	0644	CLR	20			155	69	31	04	14		010	310	JC
SA	0745	CLR	20			161	74	34	04	11		011		JC
SA	0847	CLR	20			154	78	33	12	14		010		JC
SA	0949	CLR	20			155	81	32	10	13		010	000 62	JC
SA	1045	CLR	20			146	85	31	09	10		008		JC
SA	1146	CLR	20			138	86	29	04	04		005		JC
SA	1244	CLR	20			129	89	28	14	03		003	720	JC
SA	1349	250-SCT	20			118	89	29	34	08		000		JC
SA	1455	250-SCT	20			110	90	30	33	07		998 009		JC
SA	1551	250-SCT	20			109	89	26	35	04		997	619 1031 92 RADAT 20135	EP
SA	1652	250-SCT	20			102	90	26	36	08		995		EP
SA	1751	250-SCT	20			102	88	25	34	06		995		EP
SA	1852	250-SCT	20			111	83	25	08	07		997	500 1031	EP
SA	1949	CLR	20			116	77	25	12	06		999		EP
SA	2048	CLR	20			118	77	26	12	10		000		EP
SA	2151	CLR	20			119	72	26	30	03		000	108 92	EP
SA	2248	CLR	20			117	73	25	10	08		000		EP
SA	2350	CLR	20			120	69	25	23	05		000		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_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 APR 29

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.640	67.7	48.8	23	0															0	3	.020			00-01
01 46	26.640	66.1	48.4	25	0															0					01-02
02 50	26.645	65.3	47.7	25	0															0					02-03
03 49	26.650	66.2	48.1	24	0															0	3	.010			03-04
04 54	26.650	62.6	46.2	26	0															0					04-05
05 48	26.670	65.6	48.3	26	0															0					05-06
06 44	26.680	68.7	50.0	25	0															0	3	.030			06-07
07 48	26.690	73.9	52.9	23	0															0					07-08
08 49	26.680	77.8	54.4	20	0															0					08-09
09 49	26.680	81.3	55.3	17	0															0	0	.000			09-10
10 45	26.660	85.0	56.6	15	0															0					10-11
11 46	26.640	86.0	56.4	13	0															0					11-12
12 44	26.620	88.5	57.1	11	0															0	7	.060			12-13
13 49	26.590	88.7	57.4	12	2															0					13-14
14 53	26.570	90.0	58.2	12	3															0					14-15
15 51	26.565	89.2	56.8	10	1	0	Ac	120	1	Ci	250	1								0	6	.055			15-16
16 52	26.545	90.1	57.1	10	1															0					16-17
17 51	26.545	88.2	56.3	10	2															0					17-18
18 52	26.565	82.5	54.0	12	1	0	Ac	120	1	Ci	250	1								0	5	.000			18-19
19 49	26.580	77.3	52.0	14	0															0					19-20
20 48	26.590	77.3	52.1	15	0															0					20-21
21 51	26.590	71.7	49.8	18	0															0	1	.025			21-22
22 48	26.590	73.4	50.3	16	0															0					22-23
23 50	26.595	68.8	48.3	19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		68	64										
	0345	1	0	0	0	71	64		0								
	0945	2	0	0	0	82	62		0								
	1546	3	0	0	0	92	81		0								
	2145	4	0	0	0	91	71		0								
	MID.		0	0	0	73	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.680	26.565	26.590
BAROGRAPH 64	26.653	26.680	26.560	26.595
BAR. CORR. 65	-.005	±0	+.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	62	0	0	0	23	SE	1032					1	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: ON TIME 0747 PST 2 SEC SLOW 1918 PST

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: 1981 APR 30

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SEE EPS INITIALS (15)
SA	0047	CLR	20			123	65	25	10	06		001	303	EP
SA	0147	CLR	20			123	63	25	11	05		001		EP
SA	0251	CLR	20			124	62	25	10	07		001		EP
SA	0349	CLR	20			132	61	27	33	03		003	307 60 RADAT	JC
/													20136	/
SA	0446	CLR	20			136	60	27	00	00		004	FEW Ac S	JC
SA	0544	CLR	20			144	62	27	01	03		007	FEW Ac S	JC
SA	0649	CLR	20			150	71	32	04	08		009	317 1070	JC
SA	0754	CLR	20			154	77	29	26	03		010		JC
SA	0844	CLR	20			152	81	32	00	00		010		JC
SA	0949	CLR	20			148	84	35	24	06		009	000 1071 59	JC
SA	1048	CLR	20			147	85	34	23	03		009		JC
SA	1147	CLR	20			136	88	37	25	07		005	FEW CU SE	JC
SA	1249	CLR	20			129	92	35	27	06		003	817 1101	JC
SA	1347	CLR	20			122	94	35	27	09		001	FEW CU	JC
SA	1445	250-SCT	20			114	92	35	22	09		999	FEW CU	JC
SA	1550	250-SCT	20			106	92	33	23	10		996	822 103195 RADAT A1134	EP
SA	1648	250-SCT	20			099	92	31	20	09		994		EP
SA	1747	250-SCT	20			097	90	31	22	09		993		EP
SA	1847	250 SCT	20			098	83	29	23	06		994	507 1001	EP
SA	1950	CLR	20			101	78	30	10	06		995		EP
SA	2049	CLR	20			106	72	29	08	03		996		EP
SA	2148	CLR	20			105	70	30	04	05		996	107 95	EP
SA	2249	CLR	20			102	69	30	08	03		995		EP
SA	2350	CLR	20			102	66	28	04	05		995		EP

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

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

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 APR 30

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.600	65.0	46.5	21	0															0	3	.010			00-01
01 47	26.600	63.4	45.8	23	0															0					01-02
02 51	26.600	62.3	45.3	24	0															0					02-03
03 49	26.620	60.5	45.0	27	0															0	3	.020			03-04
04 46	26.630	60.0	44.8	28	0															0					04-05
05 44	26.650	61.7	45.7	27	0															0					05-06
06 49	26.670	70.8	57.2	24	0	0	Ac	140												0	3	.050			06-07
07 54	26.680	76.9	52.9	17	0															0					07-08
08 44	26.680	80.9	55.1	17	0															0					08-09
09 49	26.670	84.4	57.5	17	0	0	Ac	140	0	Ci	250	0								0	0	.000			09-10
10 48	26.670	85.0	57.3	16	0															0					10-11
11 47	26.640	88.4	59.3	16	0															0					11-12
12 49	26.620	91.7	60.1	14	0	0	Cu	70	0	Ci	250	0								0	8	.050			12-13
13 47	26.600	93.6	60.8	13	0															0					13-14
14 45	26.580	92.2	60.2	13	1															0					14-15
15 50	26.555	92.1	59.5	12	2	0	Ac	100	2	Ci	250	2								0	8	.065			15-16
16 48	26.535	92.1	59.0	11	3															1					16-17
17 47	26.530	89.8	58.2	11	3															1					17-18
18 47	26.535	82.6	55.1	14	1	1	Ci	250												1	5	.020			18-19
19 50	26.545	77.8	53.3	17	0															0					19-20
20 49	26.555	71.9	50.8	20	0															0					20-21
21 48	26.555	70.4	50.3	22	0															0	1	.020			21-22
22 49	26.545	68.8	49.7	23	0															0					22-23
23 50	26.545	66.0	48.0	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 0345	X	0	0	X	69	60	X	X						X		
	0345	1	0	0	0	73	60		0								
	0945	2	0	0	0	85	59		0								
	1546	3	0	0	0	95	84		0								
	2144	4	0	0	0	94	70		0								
	MID.	X	0	0	0	70	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.670	26.555	26.555
BAROGRAPH 64	26.615	26.670	26.560	26.555
BAR. CORR. 65	+.005	±.0	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	59	0	0	0	15	SW	1445					1	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: 2 SEC SLOW 0555 PST 1 SEC SLOW 2200