WS FORM F-6
(9-76)

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

STATION: DESERT ROCK, NV

MONTH: August YEAR: 1981

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

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)	Peak Speed ~~FASTEST MILE~~ SPEED ~~(m.p.h.)~~ (knots)	DIRECTION	~~SUNSHINE~~ ~~TOTAL~~ (Min.)	~~PERCENT OF POSSIBLE~~ Avg. Stn. Pressure	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	99	68	84			19				10.3	30	SW	26.5	99	0		14	11	7	10
2	99	65	82			17				10.5	30	SW	26.5	53	0		14	10	5	9
3	98	65	82			17				10.8	31	SW	26.4	81	0		13	14	6	10
4	99	63	81			16				6.3	18	W	26.5	29	0		16	11	7	10
5	103	65	84			19				4.7	15	SW	26.6	25	1		15	9	4	10
6	105	68	87			22				5.4	17	SW	26.6	45	2		12	8	9	16
7	111	74	93			28				5.1	19	NE	26.5	71	0		25	11	5	11
8	108	74	91			26				6.8	30	SW	26.5	33	0		11	18	6	16
9	105	78	92			27				10.0	31	SW	26.5	29	0		34	24	14	25
10	103	72	88			23	.02			9.5	33	SE	26.5	73	2	T, RW	35	26	17	53
11	91	66	79			14				8.3	24	E	26.6	45	3	T	76	43	27	42
12	94	64	79			14	.02			8.7	34	N	26.5	60	4	T, RW	50	30	47	63
13	94	60	77			12	T			8.4	35	N	26.5	51	5	T, RW	80	33	24	42
14	87	70	79			14	.01			5.3	21	E	26.6	78	9	T, RW	53	38	31	50
15	94	65	80			15	.01			7.4	34	E	26.6	94	3	T, RW	62	35	23	41
16	102	66	84			19				4.3	23	SE	26.6	00	2		60	29	9	26
17	103	70	87			22				5.4	19	SW	26.5	00	3		35	18	15	28
18	94	75	85			20	T			6.3	30	S	26.5	48	7	T, RW	37	28	26	40
19	98	71	85			20				7.6	36	SW	26.5	81	2		45	31	17	32
20	98	68	83			18				7.3	37	SW	26.5	70	0		31	14	13	25
21	99	66	83			18				7.0	25	S	26.5	24	0		29	17	15	21
22	100	67	84			19				8.5	28	SW	26.5	41	0		22	13	15	18
23	99	72	86			21				8.8	25	S	26.5	26	0		22	23	16	23
24	98	70	84			19				8.8	35	S	26.5	20	0		26	16	17	27
25	101	70	86			21				8.0	24	SW	26.5	74	0		31	20	18	26
26	101	75	88			23				6.9	20	W	26.5	58	2		43	24	17	25
27	103	75	89			24				7.5	27	SE	26.5	04	1		37	23	13	29
28	103	74	89			24				8.2	27	SW	26.4	70	3		36	22	14	21
29	103	78	91			26				9.8	30	SW	26.4	54	3		28	17	16	21
30	100	73	87			22				11.2	35	SW	26.3	95	0		18	12	9	13
31	96	68	82			17				6.6	22	SW	26.4	63	0		19	17	9	16
SUM	3088	2155	—	—	0	616	.06	0	—	239.7	—	—	823.0	94	52	—	1029	645	471	799
AVG	99.6	69.5	—	—	—	—	—	—	—	7.7	FASTEST	DIRECTION	~~POSSIBLE~~			—	33.2	20.8	15.2	25.8
										MISC. →	37	SW	26.5	51	1.7	—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 84.6
DEPARTURE FROM NORMAL —
HIGHEST 111 ON 7
LOWEST 60 ON 13
NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 30
MIN. 32° OR BELOW 0
MIN. 0° OR BELOW 0
HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 0
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 0
DEPARTURE FROM NORMAL —
COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 616
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 2089
DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .06 IN.
DEPARTURE FROM NORMAL — IN.
GREATEST ~~IN 24 HRS.~~ Daily .02 ON 10, 12

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) 27
PARTLY CLOUDY (Scale 4–7) 3
CLOUDY (Scale 8–10) 1
WITH 0.01 INCH OR MORE PRECIP. 4
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~~ 26.750 IN. ON 15
LOWEST ~~SEA LEVEL~~ 26.335 IN. ON 30

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 AUG 1

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0047	CLR	20			115	73	15	30	02		001	110	MR
SA	0145	CLR	20			118	72	15	02	06		001		MR
SA	0250	CLR	20			117	73	17	02	05		001		MR
SA	0349	CLR	20			117	70	18	36	05		001	000 69 RADAT 20155	JK
SA	0452	CLR	20			126	68	16	04	07		003	CI SE	JK
SA	0549	CLR	20			130	72	20	05	06		004		JK
SA	0650	CLR	20			134	79	25	00	00		006	317	JK
SA	0747	CLR	20			138	81	27	28	03		007		JK
SA	0846	CLR	20			137	87	28	24	06		007		JK
SA	0947	CLR	20			134	91	29	23	17		007	002 68	JK
SA	1050	CLR	20			127	95	26	22	20		005		JK
SA	1152	CLR	20			123	97	26	23	20		003		JK
SA	1245	CLR	20			115	98	26	23	17	G28	001	819 1001	JK
SA	1345	CLR	20			112	98	26	22	17	G29	999		JK
SA	1445	CLR	20			107	97	28	23	10	G19	998		JK
SA	1547	CLR	20			102	98	24	20	17	G24	996	K SE 814 1001 99	MR
													RADAT 20158	
SA	1646	CLR	20			100	96	25	20	12	G19	995	K SE	MR
SA	1747	CLR	20			098	94	24	21	17	G24	995	K SE	MR
SA	1846	CLR	20			097	90	22	22	12	G21	995	K SE 603 1001	MR
SA	1946	CLR	20			103	87	20	22	09		997		MR
SA	2049	CLR	20			108	85	21	23	10		998		MR
SA	2148	CLR	20			104	84	22	22	10		998	110 99	MR
SA	2249	CLR	20			108	82	21	22	10		999		MR
SA	2348	CLR	20			105	85	20	22	08		999		MR

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

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

☆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 AUG 1

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.600	72.7	48.0	11	0															0	1	.030			00-01
01 45	26.605	72.4	47.9	11	0															0					01-02
02 50	26.605	72.9	48.4	12	0															0					02-03
03 49	26.600	69.6	47.1	14	0															0	0	.000			03-04
04 52	26.620	68.0	46.0	13	0															0					04-05
05 49	26.630	71.9	48.5	14	0															0					05-06
06 50	26.650	79.2	52.8	14	0															0	3	.050			06-07
07 47	26.660	81.3	54.1	14	0															0					07-08
08 46	26.660	87.0	56.4	12	0															0					08-09
09 47	26.655	90.7	58.1	11	0															0	0	.005			09-10
10 50	26.640	95.0	59.0	9	0															0					10-11
11 52	26.620	96.9	59.7	8	0															0					11-12
12 45	26.600	97.5	59.8	8	0	0	C1	250												0	8	.055			12-13
13 45	26.590	98.0	60.0	8	0															0					13-14
14 45	26.575	96.9	60.1	9	0															0					14-15
15 47	26.560	97.5	59.4	7	0	0	K	30	0	C1	300	0								0	8	.040			15-16
16 46	26.550	96.4	59.2	8	0															0					16-17
17 47	26.550	93.8	58.1	8	0															0					17-18
18 46	26.550	90.2	56.5	9	0	0	K	30	0	C1	300	0								0	6	.010			18-19
19 46	26.565	87.1	54.9	9	0															0					19-20
20 49	26.580	85.4	54.4	9	0															0					20-21
21 48	26.580	84.2	54.0	10	0															0	1	.030			21-22
22 49	26.590	82.1	53.1	10	0															0					22-23
23 48	26.590	84.9	54.0	9	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	74	69	X	X						X		
	0345	1	0	0	0	86	69		0								
	0945	2	0	0	0	91	68		0								
	1543	3	0	0	0	99	91		0								
	2144	4	0	0	0	98	84		0								
	MID.	X	0	0	0	85	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.655	26.560	26.580
BAROGRAPH 64	26.610	26.660	26.580	26.595
BAR. CORR. 65	-.010	-.005	-.020	-.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
99	68	0	0	0	30	SW	1331					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: 0620P OK! CLOCK OK 1649P

MF1-10B

MF1-10A (10-73)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 AUG 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 (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 (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	CLR	20			109	79	19	25	05		999	103	MR
SA	0147	CLR	20			113	72	17	02	05		000		MR
SA	0251	CLR	20			113	70	18	02	04		999		MR
SA	0353	CLR	20			114	70	18	05	06		999	000 69 RADAT 20160	MR
SA	0450	CLR	20			119	67	19	16	03		001		MR
SA	0550	CLR	20			122	69	21	10	03		002		MR
SA	0652	CLR	20			130	74	23	19	02		004	314	MR
SA	0755	CLR	20			128	82	24	26	07		004		MR
SA	0857	CLR	20			127	85	26	21	11		004		MR
SA	0948	CLR	20			122	89	25	21	11		003	803 1001 65	MR
SA	1053	CLR	20			114	92	27	24	12		001		MR
SA	1147	CLR	20			102	96	21	21	18	G24	998		MR
SA	1250	CLR	20			097	99	22	23	18	G25	996	720 1001	MR
SA	1348	CLR	20			092	98	19	22	20	G29	994		MR
SA	1450	CLR	20			087	97	13	22	20	G27	992		MR
SA	1550	CLR	20		07	074	98	14	23	15	G29	990	720 1001 98 RADAT 20120	EP
SA	1650	CLR	20			075	96	17	22	17	G24	988		EP
SA	1748	CLR	20			074	93	18	22	17	G23	988		EP
SA	1848	CLR	20			073	90	18	23	19	G24	988	607 1001	EP
SA	1945	CLR	20			073	88	17	23	14	G20	988		EP
SA	2047	CLR	20			075	87	16	20	10		989		EP
SA	2151	CLR	20			079	79	15	05	05		990	007 99	EP
SA	2247	CLR	20			081	80	15	28	04		991		EP
SA	2349	CLR	20			078	78	17	06	05		991		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: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 AUG 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 47	26.590	78.9	51.4	11	0															0	1	.010			00-01
01 47	26.595	71.7	48.0	13	0															0					01-02
02 51	26.590	70.2	47.4	13	0															0					02-03
03 53	26.590	69.8	47.2	14	0															0	0	.000			03-04
04 50	26.600	67.2	46.2	15	0															0					04-05
05 50	26.610	69.0	47.5	16	0															0					05-06
06 52	26.630	73.7	50.0	15	0															0	3	.040			06-07
07 55	26.630	81.5	53.5	12	0															0					07-08
08 51	26.620	85.3	55.3	11	0															0					08-09
09 48	26.620	89.1	56.7	10	0	0	Ci	300												0	8	.010			09-10
10 53	26.600	92.0	58.0	10	0															0					10-11
11 47	26.580	94.2	58.5	7	0															0					11-12
12 50	26.560	97.5	59.5	7	0	0	Ci	300												0	7	.060			12-13
13 48	26.540	98.2	58.8	6	0															0					13-14
14 50	26.520	96.8	57.5	5	0															0					14-15
15 50	26.500	98.0	58.1	5	0	0	Ci	300												0	7	.060			15-16
16 50	26.485	95.7	57.6	6	0															0					16-17
17 48	26.480	93.3	56.8	6	0															0					17-18
18 48	26.480	89.6	55.5	7	0	0	Ci	300												0	6	.020			18-19
19 45	26.485	87.8	54.7	7	0															0					19-20
20 47	26.495	86.7	54.0	7	0															0					20-21
21 51	26.500	78.6	50.5	9	0															0	0	.020			21-22
22 47	26.510	80.0	51.2	9	0															0					22-23
23 49	26.510	78.0	50.7	10	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	85	69	X	X						X		
	0348	1	0	0	0	85	69		0								
	0941	2	0	0	0	89	65		0								
	1547	3	0	0	0	99	89		0								
	2146	4	0	0	0	98	79		0								
	MID.	X	0	0	0	80	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0948	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.620	26.500	26.500
BAROGRAPH 64	26.600	26.620	26.510	26.500
BAR. CORR. 65	-.010	±.0*	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	65	0	0	0	30	SW	1334					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK CORRECT 0712 CLOCK CORRECT 2200

*BAROGRAPH CHANGED RESET TO ±.0 CORR.

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 AUG 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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (10's °) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0047	CLR	20			074	79	17	13	06		990	000	EP
SA	0150	CLR	20			073	77	16	12	03		989		EP
SA	0250	CLR	20			075	71	16	02	08		989		EP
SA	0350	CLR	20			079	69	17	02	08		990	500 69 RADAT 20157	[illegible]
SA	0448	CLR	20			081	66	16	04	08		990		[illegible]
SA	0550	CLR	20			088	68	15	05	03		992		[illegible]
SA	0650	CLR	20			092	75	20	00	00		993	310	[illegible]
SA	0751	CLR	20			094	80	28	22	09		994		[illegible]
SA	0848	CLR	20			089	83	31	22	10		993		[illegible]
SA	0953	CLR	20			092	85	31	22	11		993	000 1001 65	[illegible]
SA	1046	CLR	20			086	89	28	28	10		992		[illegible]
SA	1153	CLR	20			073	94	23	20	18	G24	988		[illegible]
SA	1245	CLR	20			067	97	20	20	20	G27	987	717 1001	[illegible]
SA	1351	CLR	20			064	97	15	21	21	G28	986		[illegible]
SA	1450	CLR	20			060	96	19	21	20	G27	984		[illegible]
SA	1549	CLR	20			056	97	18	22	17	G30	983	714 100198 RADAT 20163	EP
SA	1646	CLR	20			051	95	21	21	20	G30	981		EP
SA	1747	CLR	20			051	93	20	22	14		981		EP
SA	1848	CLR	20			054	89	19	21	13		982	503	EP
SA	1951	CLR	20			060	87	18	20	10		984		EP
SA	2049	CLR	20			062	83	18	20	11		985		EP
SA	2149	CLR	20			061	84	21	20	10		985	108 98	EP
SA	2250	CLR	20			066	78	19	03	08		986		EP
SA	2351	CLR	20			066	77	21	00	00		987		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 $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 AUG 3

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.500	78.9	51.1	9	0															0	0	.000			00-01
01 50	26.495	76.9	50.0	10	0															0					01-02
02 50	26.490	71.3	47.5	12	0															0					02-03
03 50	26.500	69.1	46.7	13	0															0	5	.000			03-04
04 48	26.500	66.3	45.3	14	0															0					04-05
05 50	26.520	68.2	46.0	13	0															0					05-06
06 50	26.530	75.1	50.2	13	0															0	3	.030			06-07
07 54	26.540	80.0	53.8	15	0															0					07-08
08 48	26.530	82.6	55.6	15	0															0					08-09
09 53	26.530	85.2	56.6	14	0	0	CI	300												0	0	.000			09-10
10 46	26.520	88.8	57.2	11	0															0					10-11
11 53	26.490	94.2	58.0	8	0															0					11-12
12 45	26.480	96.8	58.5	6	0	0	CI	300												0	7	.050			12-13
13 51	26.470	96.9	57.7	5	0															0					13-14
14 50	26.450	96.0	58.0	6	0															0					14-15
15 49	26.440	96.5	58.1	6	0	0	CI	300												0	7	.040			15-16
16 46	26.420	94.9	57.9	7	0															0					16-17
17 47	26.420	92.5	56.9	7	0															0					17-18
18 48	26.430	89.1	55.4	8	0															0	5	.010			18-19
19 51	26.450	87.0	54.5	8	0															0					19-20
20 49	26.455	83.0	52.8	9	0															0					20-21
21 49	26.455	84.2	53.8	10	0															0	1	.025			21-22
22 50	26.465	77.7	50.9	11	0															0					22-23
23 51	26.470	77.0	50.9	12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		79	69										
	0345	1	0	0	0	80	69		0								
	0949	2	0	0	0	85	65		0								
	1545	3	0	0	0	98	85		0								
	2144	4	0	0	0	97	83		0								
	MID.		0	0	0	84	74										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.520	26.440	26.455
BAROGRAPH 64	26.495	26.525	26.440	26.460
BAR. CORR. 65	+.005	+.005	0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	65	0	0	0	31	SW	1416					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 CORRECT 0723 CLOCK CORRECT 2130

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 AUG 4

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (9)	WIND SPEED Knots (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			068	72	19	02	04		987	107	EP
SA	0149	CLR	20			072	69	19	09	06		988		EP
SA	0251	CLR	20			073	69	19	03	10		988		EP
SA	0348	CLR	20			081	66	18	10	05		990	308 65 RADAT 20164	[illegible]
SA	0452	CLR	20			087	63	18	10	05		991		[illegible]
SA	0550	CLR	20			098	66	16	10	06		994		[illegible]
SA	0650	CLR	20			105	70	16	14	03		996	220	[illegible]
SA	0750	CLR	20			106	78	20	00	00		997		[illegible]
SA	0849	CLR	20			102	84	22	23	08		996		[illegible]
SA	0953	CLR	20			100	87	26	18	06		996	000 63	[illegible]
SA	1050	CLR	20			098	90	25	17	04		995		[illegible]
SA	1149	CLR	20			091	96	24	24	08		994		[illegible]
SA	1248	CLR	20			090	98	23	23	10		993	710 1001	[illegible]
SA	1351	CLR	20			087	97	22	26	10	618	992		[illegible]
SA	1450	CLR	20			083	97	24	28	07	616	991		[illegible]
SA	1551	CLR	20			082	98	23	23	05		991	608 1001 99 RADAT20166	EP
SA	1649	CLR	20			077	97	22	28	06		988		EP
SA	1747	CLR	20			080	95	19	26	09		989		EP
SA	1850	CLR	20			086	90	23	27	09		991	302 1001	EP
SA	1948	CLR	20			092	87	19	18	03		993		EP
SA	2048	CLR	20			098	81	17	01	07		996		EP
SA	2150	CLR	20			098	78	16	02	10		996	114 99	EP
SA	2248	CLR	20			109	78	17	11	05		999		EP
SA	2349	CLR	20			109	72	16	06	05		999		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 AUG 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	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	26.475	71.8	48.3	13	0															0	1	.020			00-01
01 49	26.480	68.6	46.8	15	0															0					01-02
02 51	26.485	68.6	46.9	15	0															0					02-03
03 48	26.500	65.6	45.3	16	0															0	3	.025			03-04
04 52	26.510	63.0	44.2	18	0															0					04-05
05 50	26.540	65.6	45.0	14	0															0					05-06
06 50	26.560	70.2	47.0	12	0															0	2	.060			06-07
07 50	26.570	77.6	51.0	11	0															0					07-08
08 49	26.560	84.3	54.1	10	0															0					08-09
09 53	26.560	87.4	56.1	11	0															0	0	.000			09-10
10 50	26.550	89.9	57.0	10	0															0					10-11
11 49	26.540	95.8	58.8	8	0															0					11-12
12 48	26.530	97.6	59.3	7	0	0	CI	300												0	7	.030			12-13
13 51	26.520	96.6	58.7	7	0															0					13-14
14 50	26.510	97.0	59.2	7	0															0					14-15
15 51	26.505	97.5	59.2	7	0	0	CI	300												0	6	.025			15-16
16 49	26.485	97.2	59.0	7	0															0					16-17
17 47	26.495	95.0	57.7	6	0															0					17-18
18 50	26.510	90.2	56.7	9	0	0	CI	300												0	3	.005			18-19
19 48	26.530	86.8	54.5	8	0															0					19-20
20 48	26.550	80.9	51.9	9	0															0					20-21
21 50	26.550	78.1	50.5	10	0															0	1	.040			21-22
22 48	26.580	77.6	50.4	10	0															0					22-23
23 49	26.580	71.8	47.7	12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0244	X	0	0	X	77	65	X	X						X		
	0344	1	0	0	0	84	65		0								
	0949	2	0	0	0	87	63		0								
	1545	3	0	0	0	99	87		0								
	2146	4	0	0	0	98	78		0								
	MID.	X	0	0	0	78	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0953	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.560	26.505	26.550
BAROGRAPH 64	26.495	26.560	26.505	26.555
BAR. CORR. 65	+.005	0	0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	63	0	0	0	18	W	1344					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 CORRECT 0705 CLOCK CORRECT 1850

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1981 AUG 5

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			111	72	16	09	07		000	114	EP
SA	0150	CLR	20			113	71	18	34	08		000		EP
SA	0250	CLR	20			118	68	15	11	07		001		EP
SA	0348	CLR	20			122	67	17	11	03		002	307 66 RADAT 20166	JD
SA	0447	CLR	20			129	65	17	09	03		004		JD
SA	0549	CLR	20			133	67	17	03	02		005		JD
SA	0648	CLR	20			137	74	21	17	02		006	214 1001	JD
SA	0748	CLR	20			140	80	20	22	02		007		JD
SA	0849	CLR	20			139	88	23	36	02		007		JD
SA	0949	CLR	20			137	93	26	19	03		007	002 1002 65	JD
SA	1048	CLR	20			133	94	25	17	03		006		JD
SA	1147	CLR	20			129	96	23	32	04		004		JD
SA	1247	300 - SCT	20			119	98	24	18	07		002	715 1001	JD
SA	1348	300 - BKN	20			117	100	24	22	10		002		JD
SA	1450	300 - SCT	20			116	101	29	35	05		001		JD
SA	1547	300 - SCT	20			111	103	14	24	06		000	707 1001 03 RADAT 20166	LEF
SA	1650	CLR	20			109	103	15	21	13		999		LEF
SA	1746	CLR	20			109	100	15	25	07		999		LEF
SA	1846	CLR	20			112	95	15	26	06		000	500 1001	LEF
SA	1947	CLR	20			123	83	17	35	02		003		LEF
SA	2045	CLR	20			130	80	14	03	04		005		LEF
SA	2151	CLR	20			134	77	16	07	04		006	219 1001 03	LEF
SA	2250	CLR	20			139	75	16	05	02		007		LEF
SA	2347	CLR	20			136	72	15	04	01		007		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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 AUG 5

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 50	26.590	71.9	47.8	12	0															0	1	.040			00-01
01 50	26.590	71.0	47.9	13	0															0					01-02
02 50	26.600	67.9	45.9	13	0															0					02-03
03 48	26.610	66.6	45.7	15	0															0	3	.020			03-04
04 47	26.625	65.0	44.9	16	0															0					04-05
05 49	26.635	67.4	45.9	14	0															0					05-06
06 48	26.650	74.4	49.9	13	0	0	C:	300												0	2	.040			06-07
07 48	26.660	79.8	51.9	11	0															0					07-08
08 49	26.660	88.4	55.9	9	0															0					08-09
09 49	26.655	92.5	58.1	9	0	0	C:	300												0	0	.005			09-10
10 48	26.645	93.9	58.4	8	0															0					10-11
11 47	26.630	95.7	58.7	7	0															0					11-12
12 47	26.610	98.1	59.6	7	2	2	C:	300												0	7	.045			12-13
13 48	26.605	100.0	60.4	7	7															0					13-14
14 50	26.600	100.8	61.6	8	2															0					14-15
15 47	26.590	103.3	60.0	4	1	1	Ci	300												0	7	.020			15-16
16 50	26.580	102.6	59.8	4	0															0					16-17
17 46	26.580	100.4	59.0	5	0															0					17-18
18 46	26.580	94.7	57.0	5	0	0	Ci	300												0	5	.000			18-19
19 47	26.615	83.4	52.8	8	0															0					19-20
20 45	26.635	80.4	51.1	8	0															0					20-21
21 51	26.645	76.7	50.0	10	0	0	Ci	300												0	2	.055			21-22
22 50	26.655	74.5	49.0	11	0															0					22-23
23 47	26.650	71.8	47.7	11	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		72	66										
	0344	1	0	0	0	78	66		0								
	0944	2	0	0	0	93	65		0								
	1542	3	0	0	0	103	93		0								
	2146	4	0	0	0	103	77		0								
	MID.		0	0	0	77	72										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1546	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.655	26.590	26.645
BAROGRAPH 64	26.600	26.655	26.580	26.605
BAR. CORR. 65	+.010	0	+0	+0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	65	0	0	0	15	SW	1345					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: 0530P ON TIME 2210 OK

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 AUG 6

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (4)	VISIBILITY (5)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	CLR	20			136	70	19	15	01		007	002	LEF
SA	0150	CLR	20			134	71	19	10	03		007		LEF
SA	0245	CLR	20			134	71	18	12	05		007		LEF
SA	0347	300 -SCT	20			135	70	15	10	03		007	302 1001 70 RADAT 20161	JD
SA	0448	300 -SCT	20			144	68	15	05	03		009	AC SE	JD
SA	0548	300 -SCT	20			150	72	17	11	03		011	AC SE	JD
SA	0649	300 -BKN	20			152	79	19	04	02		012	215 1058	JD
SA	0748	300 -SCT	20			158	86	22	16	02		013	AC SE	JD
SA	0848	110 SCT 300 SCT	20			155	94	24	28	02		013		JD
SA	0950	110 SCT 300 SCT	20			155	95	26	22	05		013	002 1058 68	JD
SA	1048	120 SCT 300 SCT	20			148	99	26	19	06		011		JD
SA	1149	300 - SCT	20			143	101	33	22	09		009		JD
SA	1248	300 -SCT	20			139	101	31	25	08		007	715 1031	JD
SA	1350	300 -SCT	20			128	103	31	23	06		005		JD
SA	1450	130 SCT 300 SCT	20			124	103	31	23	06		004		JD
SA	1548	300 -SCT	20			117	103	33	25	11		002	717 1031 05 RADAT 73155	LEF
SA	1647	CLR	20			114	104	30	26	12		000		LEF
SA	1746	CLR	20			109	102	38	25	10		000		LEF
SA	1848	CLR	20			111	97	36	26	06		000	505 1001	LEF
SA	1949	CLR	20			114	92	37	26	03		002		LEF
SA	2049	CLR	20			115	87	34	36	05		002		LEF
SA	2145	CLR	20			115	85	34	01	07		002	105 1001 05	LEF
SA	2245	CLR	20			113	82	36	04	06		002		LEF
SA	2346	CLR	20			113	83	37	05	06		002		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 $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh$ 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 AUG 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	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	26.650	70.1	47.6	14	0															0	0	005			00-01
01 50	26.650	71.0	48.0	14	0															0					01-02
02 45	26.650	71.3	48.0	13	0															0					02-03
03 47	26.655	70.0	46.8	12	2	2	Ci	300												0	3	.005			03-04
04 48	26.675	67.9	45.9	13	2															0					04-05
05 48	26.690	71.5	47.9	13	3															0					05-06
06 49	26.700	79.0	51.4	10	6	0	Ac	110	6	Cs	300	6								0	2	.045			06-07
07 48	26.710	85.9	54.8	10	1															0					07-08
08 48	26.710	93.7	58.1	8	1															1					08-09
09 50	26.705	94.9	58.9	8	3	3	Ac	110	0	Cs	300	3								2	0	.005			09-10
10 48	26.690	99.2	60.4	7	1															1					10-11
11 49	26.675	101.0	62.6	9	1															0					11-12
12 48	26.660	101.1	62.2	9	1	0	Ac	12.0	1	Ci	300	1								0	7	.045			12-13
13 50	26.640	103.3	62.9	8	1															0					13-14
14 50	26.630	103.2	63.0	8	1															1					14-15
15 48	26.610	103.3	63.3	9	1	0	Ac	100	1	Ci	300	1								0	7	050			15-16
16 47	26.595	104.0	63.0	8	0															0					16-17
17 46	26.590	102.0	64.4	11	0															0					17-18
18 48	26.595	96.9	62.1	12	0	0	Ci	300												0	5	015			18-19
19 49	26.605	91.7	60.7	15	0															0					19-20
20 49	26.610	86.6	57.8	15	0															0					20-21
21 45	26.610	84.7	57.2	16	0	0	Ci	300												0	1	015			21-22
22 45	26.610	82.0	56.7	19	0															0					22-23
23 46	26.610	82.7	57.5	20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	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	70	X	X						X		
	0344	1	0	0	0	77	70		0								
	0944	2	0	0	0	95	68		0								
	1543	3	0	0	0	105	95		0								
	2140	4	0	0	0	104	85		0								
	MID.	X	0	0	0	85	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0949	1547	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.655	26.705	26.610	26.610
BAROGRAPH 64	26.650	26.700	26.615	26.615
BAR. CORR. 65	+.005	+.005	-.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
105	68	0	0	0	17	SW	1237					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: 0517 P ON TIME 2222 OK

MF1-10B

WF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 AUG 7

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4)	VISIBILITY (5)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	CLR	20			113	79	36	12	01		002	802	LEF
SA	0146	CLR	20			115	77	39	35	01		002		LEF
SA	0245	CLR	20			118	76	37	12	05		003		LEF
SA	0349	300 -SCT	20			119	74	36	09	03		003	105 1001 74 RADAT 21157	JD
SA	0449	CLR	20			121	78	36	08	03		004		JD
SA	0547	CLR	20			123	79	36	11	02		005		JD
SA	0648	CLR	20			124	87	34	04	08		005	307	JD
SA	0747	CLR	20			127	91	32	03	17		006		JD
SA	0848	CLR	20			123	95	33	04	10		005		JD
SA	0947	CLR	20			120	100	35	02	08		004	803 1001 74	JD
SA	1049	CLR	20			112	103	33	03	02		002		JD
SA	1149	CLR	20			107	104	30	13	02		000		JD
SA	1248	CLR	20			100	105	31	15	04		998	719 1050	JD
SA	1348	CLR	20			093	109	28	27	08		996		JD
SA	1450	CLR	20			086	108	27	05	05		994		JD
SA	1550	CLR	20			074	111	22	28	12		991	722 1100 11 RADAT 29160	LEF
SA	1653	CLR	20			071	108	22	25	06		990		LEF
SA	1747	CLR	20			067	107	25	26	09		989		LEF
SA	1846	CLR	20			070	101	23	24	02		990	503	LEF
SA	1945	CLR	20			074	90	24	05	03		991		LEF
SA	2046	CLR	20			084	87	30	08	04		993		LEF
SA	2148	CLR	20			081	83	23	07	03		993	208 11	LEF
SA	2245	CLR	20			079	80	22	05	01		992		LEF
SA	2346	CLR	20			083	77	21	10	03		993		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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 AUG 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.
0045	26.605	79.0	55.7	21	0															0	8	.005			00-01
0146	26.610	77.1	56.0	26	0															0					01-02
0245	26.620	75.7	54.7	25	0															0					02-03
0349	26.620	74.2	53.7	25	1	1	Ci	300												0	1	.015			03-04
0449	26.630	77.9	55.4	22	0															0					04-05
0547	26.635	79.2	55.8	21	0															0					05-06
0648	26.640	86.8	57.9	15	0															0	3	.020			06-07
0747	26.645	91.0	59.0	12	0															0					07-08
0848	26.635	95.1	60.7	11	0															0					08-09
0947	26.630	99.5	62.6	11	0	0	Ci	300												0	8	.010			09-10
1049	26.610	102.5	63.1	9	0															0					10-11
1149	26.595	103.6	62.9	8	0															0					11-12
1248	26.575	105.1	63.5	8	0	0	Ac	100												0	7	.055			12-13
1348	26.560	109.4	64.2	6	0															0					13-14
1450	26.540	108.0	63.7	6	0															0					14-15
1550	26.510	110.7	63.3	5	0	0	Cu	100												0	7	.065			15-16
1653	26.500	108.4	62.8	5	0															0					16-17
1747	26.490	106.8	62.9	6	0															0					17-18
1846	26.500	100.5	60.3	6	0															0	5	.010			18-19
1945	26.505	90.0	56.7	9	0															0					19-20
2046	26.530	87.0	56.9	13	0															0					20-21
2148	26.525	82.9	53.8	11	0															0	2	.025			21-22
2245	26.520	80.0	52.5	12	0															0					22-23
2346	26.530	77.0	51.0	12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	83	74	X	X						X		
	0344	1	0	0	0	85	74		0								
	0944	2	0	0	0	100	74		0								
	1545	3	0	0	0	111	100		0								
	2143	4	0	0	0	111	83		0								
	MID.	X	0	0	0	83	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.630	26.510	26.525
BAROGRAPH 64	26.620	26.625	26.520	26.515
BAR. CORR. 65	0	+.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
111	74	0	0	0	19	NE	0749					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: 0455P ON TIME 2212 OK

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 AUG 8

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0048	CLR	20			082	82	23	36	02		993	302	LEF
SA	0145	CLR	20			083	79	21	05	07		994		LEF
SA	0246	CLR	20			085	81	23	07	06		994		LEF
SA	0349	CLR	20			085	81	20	05	10		995	105 75 RADAT 26157	JD
SA	0448	CLR	20			091	74	22	35	05		995		JD
SA	0547	CLR	20			099	77	22	36	04		998		JD
SA	0649	CLR	20			105	88	28	36	03		999	315	JD
SA	0748	CLR	20			106	91	27	08	03		999		JD
SA	0849	CLR	20			106	95	47	13	08		999		JD
SA	0948	CLR	20			111	97	47	13	10		001	303 74	JD
SA	1047	CLR	20			107	100	41	09	05		999		JD
SA	1149	CLR	20			105	100	40	14	05		998		JD
SA	1247	CLR	20			094	102	39	27	08		996	TCU E 814 1200	JD
SA	1348	CLR	20			082	105	38	22	08		993	TCU E AND SE	JD
SA	1450	CLR	20			074	107	36	34	06		991	TCU SE	JD
SA	1549	CLR	20			064	108	28	26	09		988	TCU SE 719 1200 08 RADAT 20160	LEF
SA	1645	CLR	20			059	106	33	24	10		986		LEF
SA	1746	CLR	20			056	105	33	26	07		986		LEF
SA	1847	CLR	20			055	99	27	24	05		986	608 1400	LEF
SA	1948	CLR	20			060	91	30	09	05		987		LEF
SA	2047	CLR	20			066	90	27	30	03		989		LEF
SA	2146	CLR	20			070	89	38	25	06		990	214 08	LEF
SA	2248	CLR	20			072	93	51	21	14		991		LEF
SA	2347	CLR	20			076	91	53	24	15G24		992		LEF

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

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

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 AUG 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 48	26.530	82.4	53.5	11	0															0	3	.005			00-01
01 45	26.535	79.4	51.9	11	0															0					01-02
02 46	26.540	81.0	53.1	12	0															0					02-03
03 49	26.545	80.8	52.4	11	0															0	1	.015			03-04
04 48	26.550	73.9	49.8	14	0															0					04-05
05 47	26.575	77.1	50.9	13	0															0					05-06
06 49	26.590	87.8	56.7	11	0															0	3	.045			06-07
07 48	26.590	91.0	57.8	10	0															0					07-08
08 49	26.590	95.2	65.3	20	0															0					08-09
09 48	26.600	96.5	65.4	18	0															0	3	.010			09-10
10 47	26.590	99.5	64.4	13	0															0					10-11
11 49	26.580	100.1	64.2	13	0															0					11-12
12 47	26.560	102.1	64.7	12	0	0	Cu	100												0	8	.040			12-13
13 48	26.530	105.2	65.2	10	0															0					13-14
14 50	26.510	106.8	65.2	9	0															0					14-15
15 49	26.485	107.5	63.7	6	0	0	Cu	100												0	7	.075			15-16
16 45	26.465	105.6	64.3	8	0															0					16-17
17 46	26.460	105.4	64.0	8	0															0					17-18
18 47	26.460	99.1	60.6	8	0	0	Sc	100												0	6	.025			18-19
19 48	26.470	91.3	58.5	11	0															0					19-20
20 47	26.490	90.1	57.5	10	0															0					20-21
21 46	26.500	89.4	60.0	16	0															0	2	.040			21-22
22 48	26.510	92.8	66.0	24	0															0					22-23
23 47	26.520	91.0	66.3	28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	85	75	X	X						X		
	0344	1	0	0	0	85	75		0								
	0944	2	0	0	0	97	74		0								
	1544	3	0	0	0	108	97		0								
	2141	4	0	0	0	108	89		0								
	MID.	X	0	0	0	93	89	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.600	26.485	26.500
BAROGRAPH 64	26.530	26.590	26.480	26.500
BAR. CORR. 65	+.015	+.010	+.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
108	74	0	0	0	30	SW	2302					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: 0452 P ON TIME 2230 OK

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 AUG 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 (100's °) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0047	CLR	20			076	89	55	24	10		992	107	LEF
SA	0150	CLR	20			076	87	56	26	06		992		LEF
SA	0246	300 SCT	20			088	84	58	29	04		993		LEF
SA	0348	300 -SCT	20			083	83	52	12	04		994	307 1001 83 RADAT 28157	RK
SA	0448	CLR	20			091	79	52	08	05		996		RK
SA	0554	CLR	20			098	80	54	00	00		998		RK
SA	0645	CLR	20			104	84	53	00	00		999	215	RK
SA	0745	CLR	20			105	88	55	23	04		999		RK
SA	0850	CLR	20			103	94	56	23	11		999		RK
SA	0946	CLR	20			103	97	54	25	12		999	400 1100 78	RK
SA	1045	CLR	20			097	98	52	20	17		998	TCU SE	RK
SA	1150	CLR	20			090	101	50	21	17		996	CB SE AND DSNT N	RK
SA	1247	60 SCT	20			084	103	49	22	15		994	CB SE AND DSNT N 815 1900	RK
SA	1345	60 SCT	20			075	104	47	21	14	G22	992	CB SE AND N TCU E	RK
SA	1450	60 SCT	20			070	104	46	22	15		990	CB N-SE	RK
SA	1549	60 SCT	20			066	103	44	20	13		989	CB N AND SE 1617	JC
/													1900 05 RADAT 20157	/
SA	1648	60 SCT	20			060	102	44	23	15	G21	987	CB N AND E	JC
SA	1747	CLR	20			056	100	45	20	08		986	CB DSNT E	JC
SA	1849	CLR	20			060	97	47	20	12		987	507 1003	JC
SA	1951	CLR	20			064	96	49	21	13		988		JC
SA	2047	250 -SCT	20			065	95	52	20	16	G24	989		JC
SA	2149	250 -BKN	20			068	95	53	20	19	G28	990	210 1001 05	JC
SA	2248	250 -BKN	20			068	93	54	20	08		990		JC
SA	2349	250 -BKN	20			067	92	54	16	02		990		JC

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

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

☆ 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 AUG 9

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.520	89.1	66.5	31	0															0	1	.020			00-01
01 50	26.520	86.8	66.5	35	0															0					01-02
02 46	26.530	84.4	66.6	40	2															2					02-03
03 48	26.540	83.3	63.4	34	2	2	Ci	300												1	3	.020			03-04
04 48	26.555	79.1	62.0	39	0															0					04-05
05 54	26.575	80.4	63.2	40	0															0					05-06
06 45	26.585	84.0	64.0	34	0															0	2	.045			06-07
07 45	26.585	87.7	66.4	33	0															0					07-08
08 50	26.585	94.2	68.7	28	0															0					08-09
09 46	26.585	96.6	68.5	24	0	0	Cu	60												0	4	.000			09-10
10 45	26.575	98.2	67.9	21	0															0					10-11
11 50	26.555	101.0	68.2	18	0															0					11-12
12 47	26.540	103.0	68.4	17	1	1	Cb	60												1	8	.045			12-13
13 45	26.520	103.8	67.9	15	1															1					13-14
14 50	26.500	103.8	67.4	14	2															2					14-15
15 49	26.490	103.0	66.4	14	1	1	CB	60												1	6	.050			15-16
16 48	26.470	102.0	66.3	14	1															1					16-17
17 47	26.460	100.3	66.0	15	0															0					17-18
18 49	26.470	97.0	65.7	18	0	0	Ci	250												0	5	.020			18-19
19 51	26.480	95.6	66.0	21	0															0					19-20
20 47	26.490	95.0	67.0	23	3															0					20-21
21 49	26.500	94.8	67.5	25	6	6	Ci	250												1	2	.030			21-22
22 48	26.500	92.8	67.4	27	7															1					22-23
23 49	26.500	92.2	67.2	28	8															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	91	83	X	X						X		
	0345	1	0	0	0	93	83		0								
	0943	2	0	0	0	97	78		0								
	1545	3	0	0	0	105	96		0								
	2145	4	0	0	0	103	95		0								
	MID.	X	0	0	0	96	92	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.549	26.585	26.490	26.500
BAROGRAPH 64	26.535	26.580	26.490	26.490
BAR. CORR. 65	+005	0	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
105	78	0	0	0	31	SW	2134					0	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0730P OK CLOCK ON TIME 2115P

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 AUG 10

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (100's °) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENSERS INITIALS (14)
SA	0048	250 -BKN	20			075	91	48	22	04		992	307 1001	JC
SA	0145	250 -SCT	20			080	85	47	04	05		993		JC
SA	0250	CLR	20			078	81	52	12	04		992		JC
SA	0347	CLR	20			086	80	50	34	07		994	207 80 RADAT 58150	RK
SA	0447	CLR	20			096	80	52	12	04		997		RK
SA	0547	CLR	20			106	78	51	01	06		999	HAZY	RK
SA	0650	CLR	20			111	83	53	08	03		001	220	RK
SA	0759	300 -SCT	20			113	89	55	09	04		002		RK
SA	0848	300 -SCT	20			112	91	52	00	00		002	HAZY	RK
SA	0945	CLR	20			111	93	53	08	02		002	HAZY 103/100 77	RK
SA	1045	CLR	20			108	95	54	24	09		001	HAZY	RK
SA	1147	CLR	20			104	99	53	22	12G25		000	HAZY	RK
SA	1245	CLR	20			093	100	53	22	15G24		997	HAZY 815 1100	RK
SA	1345	CLR	20			089	100	50	21	17G23		995	HAZY TCU E	RK
SA	1450	CLR	20			080	101	47	20	18G26		992	HAZY CB DSNT N TCU E	RK
SA	1549	CLR	20			068	100	48	20	12G24		989	CB DSNT NE / 825	JC
/													~~1604~~ 1603 03 RADAT 38153	/
SA	1648	65 SCT	20			068	100	45	23	16		989	CB NW-NE-E MOVG	JC
/													NE RWUN	/
SP	1734	E70 BKN	20		TRW-				04	15G24		998	T N-E MOVG SE B29	JC
/													OCNL LTGCG PRESRR	/
SA	1749	E70 BKN	20		TRW-	100	83	61	10	10		996	T NE-SE MOVG SE	JC
/													B29 OCNL LTGICCGE	/
/													RB27 PRESRR	/
SP	1823	E70 BKN	20		RW-				12	17G24		996	TER1 MOVD SE CB	JC
/													ALQDS MOVG SE	/
RS	1848	E70 OVC	10		TRW-	108	78	62	11	17G25		998	TE21B43 OVHD MOVG	JC
/													SE OCNL LTGICCG	/
/													NW AND E / 32701	/
/													19//	/
RS	1949	E70 OVC	10			126	75	60	13	12G24		003	TE38 MOVD SE RE15	JC
/													OCNL LTGICCCCGE-	/
/													S-SW	/
SA	2044	E70 BKN 250 OVC	20			107	80	53	08	11		999	CB OCNL LTGIC	JC
/													DSNT SE MOVG SE	/
SA	2149	E70 BKN 250 OVC	20			135	76	58	11	17G26		007	PRESRR / 32702	JC
/													1903 03	/
SA	2247	70 SCT E250 BKN	20			131	74	56	11	10G24		005		JC
SA	2349	70 SCT E250 BKN	20			142	73	55	12	12G19		007		JC

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

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh\ h_s$ $95p_Sp_sp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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 AUG 10

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 48	26.520	90.9	64.0	23	6	6	Ci	250												1	3	.020			00-01
01 45	26.530	85.0	61.9	27	2															0					01-02
02 50	26.520	80.9	62.6	37	0															0					02-03
03 47	26.540	80.3	61.5	35	0															0	2	020			03-04
04 47	26.565	79.6	62.2	38	0															0					04-05
05 47	26.585	77.5	60.8	39	0															0					05-06
06 50	26.600	83.3	63.9	35	0															0	2	060			06-07
07 59	26.610	89.1	66.6	31	4															0					07-08
08 48	26.610	90.8	66.0	27	4															0					08-09
09 45	26.610	93.0	66.8	26	0	0	Cu	60												0	1	010			09-10
10 45	26.600	95.0	66.8	23	0															0					10-11
11 47	26.595	99.2	68.8	22	0															0					11-12
12 45	26.565	100.1	68.9	21	0	0	Cu	65												0	8	045			12-13
13 45	26.545	99.9	67.7	19	0															0					13-14
14 50	26.520	101.2	67.1	16	0															0					14-15
15 49	26.490	99.8	66.8	17	0	0	CB	65												0	8	.075			15-16
16 48	26.490	100.1	65.8	15	3	✓														3					16-17
17 49	26.550	83.0	68.0	48	9	✓														9					17-18
18 48	26.570	78.0	66.8	57	10	10	CB	E70												10	3	.080			18-19
19 49	26.620	74.9	64.9	60	10															10					19-20
20 44	26.580	80.3	62.8	38	10															9					20-21
21 49	26.650	75.7	63.8	53	10	7	CB	E70	3	Ci	250	10								9	3	.080			21-22
22 47	26.640	73.8	62.2	53	8															8					22-23
23 49	26.670	72.7	61.5	54	8															7					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		92	80										
	0344	1	0	0	0	96	80		0								
	0942	2	0	0	0	93	77		0								
	1543	3	0	0	0	103	92		0								
	2143	4	.02	0	0	101	74		0								
	MID.		0	0	0	76	72										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.610	26.490	26.650
BAROGRAPH 64	26.545	26.610	26.490	26.640
BAR. CORR. 65	-005	-05	±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
103	72	.02	0	0	33	SE	2216					1	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1727	1915			
T	1729	1802			
T	1843	1938			

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: 0800 P ON TIME / 1843 P ON TIME

4 BAROGRAM CHANGED - SET TO ZERO

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 AUG 11

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

TYPE 1	TIME LST 2	SKY AND CEILING 3	VISIBILITY SURFACE 4	VISIBILITY TOWER 4a	WEATHER AND OBSTRUCTIONS TO VISION 5	SEA LEVEL PRESS. 6	TEMP 7	DEW PT 8	WIND DIRECTION 9	WIND SPEED 10	WIND CHARACTER 11	ALTIMETER SETTING 12	REMARKS AND SUPPLEMENTAL CODED DATA 13	OBSERVERS INITIALS 14
SA	0051	70 SCT E250 BKN	20			141	73	56	11	10		009	307 1303	JC
SA	0147	250 SCT	20			142	72	56	12	12		009		JC
SA	0250	250 -SCT	20			147	67	57	18	06		010		JC
SA	0345	250 -SCT	20			152	67	59	11	07		011	307 1002 66 20002	RK
/													RADAT 47143	/
SA	0447	CLR	20			158	66	59	12	09		013	FEW AC N AND E	RK
SA	0548	CLR	20			172	66	60	11	11		014	FEW AC	RK
SA	0650	CLR	20			176	70	59	10	03		015	FEW AC 214 1080	RK
SA	0747	CLR	20			175	75	57	12	12		015		RK
SA	0848	CLR	20			168	78	56	11	11		014		RK
SA	0946	CLR	20			164	81	56	12	12		013	TCU N AND SE 807	RK
/													1200 66	/
SA	1045	CLR	20			156	84	55	15	06		011	TCU NW-N AND SE	RK
SA	1145	CLR	20			146	87	55	13	08		008	CB SE TCU N	RK
SA	1248	65 SCT	20			135	89	53	12	06		005	CB N AND SE 724 1900	RK
SA	1345	65 SCT E250 BKN	20			125	89	50	13	09		002	CB NW AND SE	RK
SA	1450	65 SCT E250 BKN	20			116	89	51	05	05		999	CB NW-N SE AND S	RK
SA	1549	70 SCT E250 BKN	20			118	89	51	11	04		000	CB ALQDS MOVG SE	JC
/												577	~~545~~ 190391 RADAT 71139	/
SA	1647	70 SCT E250 BKN	20			110	89	49	09	07		998	CB ALQDS MOVG SE	JC
SA	1752	70 SCT E250 BKN	20			099	90	50	12	13		994	CB ALQDS MOVG SE	JC
SA	1847	70 SCT E250 BKN	20			106	87	52	11	07		997	RWU NW CB ALQDS	JC
/													MOVG SE/510 1903	/
SP	1929	70 SCT E250 BKN	20		T				11	09		994	TB28 SW MOVG SE	JC
/													OCNL LTGICCG	/
SA	1949	E70 BKN 250 BKN	20		T	102	84	52	11	13		996	TB28 SW AND NW	JC
/													MOVG SE FEQ LTGICCCG	/
SA	2047	E70 BKN 250 OVC	20		T	116	82	57	18	10		000	T S-W MOVG SE OCNL	JC
/													LTGICCCCG	/
SA	2149	E70 BKN 250 OVC	20		T	115	81	56	02	06		999	T S-W MOVG SE FQT	JC
/													LTGICCCCG/110	/
/													190391	/
RS	2248	70 SCT 250 -BKN	20			112	78	53	33	06		999	TE40 MOVD SE OCNL	JC
/													LTGIC DSNT SE-S	/
SA	2346	70 SCT 250 -SCT	20			115	76	56	36	05		000		JC

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

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

☆ 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 AUG 11

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.670	73.0	61.9	55	7	2	CB	70	5	Ci	E250	7								4	3	.020			00-01
01 47	26.670	71.6	61.6	58	2															2					01-02
02 50	26.680	67.0	60.7	71	3															1					02-03
03 48	26.690	66.6	61.6	76	3	3	Ci	250												1	3	020			03-04
04 47	26.710	66.1	61.5	78	0															0					04-05
05 48	26.720	66.2	61.8	79	0															0					05-06
06 50	26.730	70.0	63.0	69	0	0	Ac	180												0	2	040			06-07
07 47	26.730	74.8	63.3	54	0															0					07-08
08 48	26.720	77.7	63.5	47	0															0					08-09
09 46	26.710	81.1	64.8	43	0	0	Cu	65												0	8	020			09-10
10 45	26.690	83.9	65.0	37	0															0					10-11
11 45	26.665	87.3	66.0	33	0															0					11-12
12 48	26.640	89.3	65.8	29	1	1	CB	65												1	7	070			12-13
13 45	26.610	88.8	64.4	27	6															6					13-14
14 50	26.585	88.6	64.6	27	6															6					14-15
15 49	26.590	89.4	65.0	27	9	4	CB	70	5	Ci	E250	9								8	5	.050			15-16
16 47	26.570	88.8	63.9	25	8															7					16-17
17 52	26.540	89.9	64.7	26	8															7					17-18
18 47	26.560	86.7	64.4	30	8	4	CB	70	4	Ci	E250	8								8	5	.030			18-19
19 49	26.550	84.4	64.4	34	9															9					19-20
20 47	26.590	81.7	65.2	42	10															10					20-21
21 49	26.590	81.3	64.7	42	10	7	CB	E70	3	Ci	250	10								10	1	.030			21-22
22 48	26.580	72.5	62.8	45	7															3					22-23
23 46	26.590	75.7	63.2	51	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	74	66	X	X						X		
	0345	1	0	0	0	76	66		0								
	0943	2	0	0	0	81	66		0								
	1545	3	0	0	0	91	81		0								
	2145	4	0	0	0	90	81		0								
	MID.	X	0	0	0	82	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.710	26.590	26.580
BAROGRAPH 64	26.685	26.710	26.580	26.575
BAR. CORR. 65	+.005	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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	66	0	0	0	24	E	0007					3	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1928	2240			

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: 0803P ON TIME 1735P ON TIME

MF1-10B

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1981 AUG 12

TO CONVERT LST TO GMT ADD 8 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)	SERVICE INITIALS (15)
SA	0047	250 -SCT	20			115	75	54	06	07		000	500 1001	JC
SA	0150	250 -SCT	20			116	73	54	12	07		000		JC
SA	0247	250 -SCT	20			113	72	53	06	07		999		JC
SA	0348	250 -SCT	20			106	72	53	12	05		997	CB DSNT LTG E 808	RAK
/													1901 71 RADAT 85137	/
SA	0450	60 SCT 250-SCT	20			103	71	51	33	03		996	CB DSNT LTG SE	RAK
SA	0545	60 SCT 250-SCT	20			110	69	51	34	05		998	CB DSNT SE	RAK
SA	0646	250-SCT	20			115	76	53	09	04		999	307 1203	RAK
SA	0745	CLR	20			113	80	52	14	03		999	CB DSNT E	RAK
SA	0845	CLR	20			113	83	50	07	04		999	CB TCU DSNT NE-SE	RAK
SA	0945	CLR	20			108	84	49	12	18		998	CB TCU DSNT E-SE	RAK
/													803 1900 68	/
SA	1051	250 -SCT	20			101	89	49	17	10		996		RAK
SA	1145	250 -SCT	20			091	90	45	25	08		993	CB DSNT N	RAK
SA	1245	250 SCT	20			078	92	46	19	16	G24	990	CB N/ 225 1903	RAK
SA	1347	60 SCT E250 BKN	20			082	88	47	23	16		990	CB N-NE	RAK
SA	1450	E65 BKN 250 BKN	20			082	87	47	27	07		990	CB N-NE	RAK
SP	1506	E65 BKN	20		TRW-				32	10		991	T OVHD MOVG SE TB03	WRG
SA	1554	E65 BKN	20		TRW-	112	75	54	01	20	G33	996	TB03 OVHD MOVG SE	WRG
—	—												RB01 OCNL LTGCCG	—
—	—												PRESRR / 32000 1900	—
—	—												94 RADAT 96131	—
SA	1650	E65 OVC	20		TRW-	118	70	61	14	10	G18	997	T OVHD MOVG S CBMAM	WRG
—	—												W OCNL LTGCG S	—
—	—												BINOVC NW	—
SP	1725	E65 BKN	20						12	12		994	TE22 MOVD S	WRG
SA	1750	E65 BKN 250 BKN	20			096	72	56	12	14		991	TE22 MOVD S RE03	WRG
—	—												OCNL LTGCCCG S CBMAM S	—
—	—												PRESFR	—
SA	1850	60 SCT E70 BKN 250 BKN	20			081	73	52	01	11		987	CB DSNT S OCNL LTGCC	WRG
—	—												82702 1903	—
SA	1950	E70 BKN 250 BKN	20			087	70	55	09	09		990	CB MOVD S	WRG
SA	2050	70 SCT E 250 BKN	20			096	71	54	09	05		993		WRG
SA	2150	90 SCT 250-BKN	20			101	68	55	26	05		994	22002 1061 94	WRG
SA	2250	90 SCT 250 SCT	20			100	65	55	03	08		994		WRG
SA	2350	90 SCT 250-SCT	20			100	64	55	12	06		994		WRG

A synoptic observation, in WMO code format FM11D, is entered on a line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ 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:1977-0-765-005/1111

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 AUG 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 47	26.590	74.8	62.8	49	2	2	Ci	250												0	5	.000			00-01
01 50	26.590	72.5	61.0	53	2															0					01-02
02 47	26.580	71.8	60.0	51	2															0					02-03
03 48	26.565	72.3	60.0	50	2	0	CB	60	2	Ci	250	2								0	8	.025			03-04
04 50	26.555	70.7	58.8	50	3															1					04-05
05 45	26.575	69.2	58.2	53	3															1					05-06
06 46	26.585	75.7	61.3	45	3	0	Cu	60	3	Ci	250	3								0	3	.020			06-07
07 45	26.585	79.7	62.3	38	0															0					07-08
08 45	26.585	82.7	62.4	32	0															0					08-09
09 45	26.575	84.0	62.3	30	0	0	Cb	60												0	8	.010			09-10
10 51	26.555	88.8	63.9	26	1															0					10-11
11 45	26.530	90.0	62.7	21	1															0					11-12
12 48	26.500	92.3	64.0	21	3	0	Cb	60	3	Ci	250	3								2	7	.075			12-13
13 47	26.500	88.1	62.8	24	7															6					13-14
14 50	26.500	87.0	62.4	25	8															7					14-15
15 54	26.560	75.2	61.6	47	9	9	CB	E65												9	3	.060			15-16
16 50	26.570	69.9	63.8	73	10															9					16-17
17 50	26.510	71.8	61.5	57	8															8					17-18
18 50	26.480	72.6	60.0	49	8	1	CB	60	5	SC	E70	6	2	Ci	250	8				8	8	.050			18-19
19 50	26.500	70.3	60.8	59	8															7					19-20
20 50	26.530	71.0	60.3	55	8															6					20-21
21 50	26.540	68.1	59.9	63	7	3	AC	90	4	Ci	250	7								3	2	.060			21-22
22 50	26.540	65.1	58.4	70	5															4					22-23
23 50	26.540	63.6	58.4	74	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	76	71	X	X						X		
	0345	1	0	0	0	82	71		0								
	0942	2	0	0	0	86	68		0								
	1546	3	T	0	0	94	75		0								
	2146	4	.02	0	0	76	68		0								
	MID.	X	0	0	0	68	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.575	26.560	26.540
BAROGRAPH 64	26.560	26.575	26.550	26.520
BAR. CORR. 65	+.005	0	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	64	.02	0	0	34	N	1521					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1501	1703			
T	1503	1732			

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: 0750P OK

2329P OK

MF1-10B

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1981 AUG 13

TO CONVERT LST TO GMT ADD 8 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)	SERGEANTS INITIALS (15)
SA	0050	90 SCT 250 SCT	20			099	63	55	07	04		994	400 1063	WRG
SA	0150	90 SCT 250 - SCT	20			098	62	55	10	03		993		WRG
SA	0250	90 SCT 250 - SCT	20			096	61	54	03	03		992		WRG
SA	0348	100 SCT E250 BKN	20			101	60	54	23	03		992	608 1078 60	SH
—													20002 RADAT 56141	—
SA	0445	E250 BKN	20			107	60	54	11	03		993	FEW AC	SH
SA	0546	140 SCT 250 - BKN	20			114	62	54	30	03		995		SH
SA	0645	250 - BKN	20			119	69	53	28	03		997	219 1038	SH
SA	0748	250 - BKN	20			120	72	53	31	03		998	AC E	SH
SA	0847	250 - BKN	20			119	76	52	36	04		998	AC SE	SH
SA	0946	250 - BKN	20			117	82	50	08	03		998	103 1078 60	SH
SA	1045	250 - BKN	20			114	85	50	23	04		997	TCU SE AC E	SH
SA	1146	250 - BKN	20			109	87	52	26	10		996	TCU SE	SH
SA	1246	250 - SCT	20			100	90	50	26	11		994	CB DSNT SE/314 1901	SH
SA	1345	250 - SCT	20			092	93	49	23	12G	19	992	CB DSNT E AND S	SH
SA	1445	250 SCT	20			081	93	49	22	13		988	CB DSNT S	SH
SA	1550	90 SCT 250 - SCT	20			078	91	50	23	14	G24	987	CB DSNT E AND S LTL	WRG
—	—												MOVMT/620 1301 94	—
—	—												RADAT 51145	—
SA	1650	90 SCT 250 - SCT	20			078	90	49	22	13	G23	987	CB DSNT E-S LTL MOVMT	WRG
RS	1750	90 SCT	20		T	086	89	48	22	14	G23	990	TB45 E-S MOVG N	WRG
RS	1850	90 SCT E250 BKN	20			092	86	47	24	11		992	TE45 CB NE-SE MOVG	WRG
—	—												N/314 1903	—
SA	1950	90 SCT 250 SCT	20			102	84	48	25	06		995	CB NW-NE MOVG N	WRG
—	—												FGT LTGCC	—
SP	2013	E90 BKN	20			102.5			01	26	G33	998	PRESRR	WRG
RS	2048	E90 BKN	20		TRW-	108	78	53	04	24	G32	001	TB40 OVHD MOVG SW	WRG
—	—												OCNL LTGCCCG RB41	—
SA	2150	E90 BKN	20		TRW-	132	77	52	03	10	G18	004	T OVHD LTL MOVMT	WRG
—	—												LTGCCCG ALQDS/23700	—
—	—												1900 94	—
SA	2250	E90 BKN	20		TRW-	137	76	54	12	14		006	T OVHD MOVG SLWY S	WRG
—	—												LTGCGCC ALQDS	—
RS	2350	E90 BKN 250 BKN	20			118	77	53	12	14	G21	001	TE42 MOVD S OCNL	WRG
—	—												LTGCC DSNT S RE28	—

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 AUG 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	26.540	63.2	58.2	75	3	2	AC	90	1	CI	250	3								3	4	.000			00-01
01 50	26.530	62.1	57.5	77	2															1					01-02
02 50	26.520	61.3	56.7	76	2															1					02-03
03 48	26.515	60.2	56.4	80	6	2	AC	100	4	CS	E250	6								6	6	.025			03-04
04 45	26.525	60.3	56.6	81	6															4					04-05
05 46	26.550	62.2	57.3	76	7															2					05-06
06 45	26.570	68.6	58.8	57	6	0	AC	140	6	CS	250	6								2	2	.055			06-07
07 48	26.575	72.1	60.0	50	8															2					07-08
08 47	26.580	75.8	61.0	44	8															1					08-09
09 46	26.580	82.4	62.3	33	7	0	AC	140	7	CS	250	7								1	1	.010			09-10
10 45	26.570	85.2	63.0	29	6															2					10-11
11 46	26.560	87.2	64.6	30	6															2					11-12
12 46	26.540	89.6	64.4	25	3	0	CB	80	3	CI	250	3								0	7	.040			12-13
13 45	26.520	92.7	65.0	22	3															1					13-14
14 45	26.490	92.7	65.2	23	1															1					14-15
15 50	26.480	91.3	65.0	24	3	1	CB	90	2	CI	250	3								1	6	.000			15-16
16 50	26.480	90.4	64.8	25	3															1					16-17
17 50	26.500	88.4	63.3	24	2															2					17-18
18 50	26.520	86.2	62.4	26	6	3	CB	90	3	CI	E250	6								6	3	.040			18-19
19 50	26.550	84.4	62.1	28	5															4					19-20
20 48	26.600	77.7	62.2	43	8															8					20-21
21 50	26.630	76.9	61.3	42	9	9	CB	E90												9	2	.110			21-22
22 50	26.645	76.2	62.3	47	9															9					22-23
23 50	26.600	77.2	61.6	43	8															6					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	64	60	X	X						X		
	0344	1	0	0	0	68	60		0								
	0941	2	0	0	0	83	60		0								
	1546	3	0	0	0	94	82		0								
	2146	4	T	0	0	91	75		0								
	MID.	X	T	0	0	79	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0943	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.515	26.580	26.480	26.630
BAROGRAPH 64	26.510	26.570	26.480	26.615
BAR. CORR. 65	+.005	+.010	±0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	60	T	0	0	35	N	2017					5	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1745	1945			
T	2040	2342			
RW-	2041	2328			

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: 0550P -OK
2358P OK

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 AUG 14

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4)		WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
			SURFACE	TOWER										
SA	0050	120 SCT E250 BKN	20			118	77	51	03	13		001	61000 10 73	WRC
SA	0150	120 SCT 250 - BKN	20			124	75	51	09	03		003		WRC
SA	0250	120 SCT 250 - BKN	20			129	72	53	09	08		004		WRC
SA	0347	120 SCT E250 BKN	20			132	72	54	12	07		005	112 0 10 73 71	SH
	—		—			—						—	RADAT 72137	—
SA	0445	E130 BKN 250 BKN	20			137	71	52	35	03		006		SH
SA	0547	E130 BKN 250 OVC	20			146	72	52	11	04		008	BINOVC	SH
SA	0648	E130 BKN 250 OVC	20			155	74	54	05	04		011	BINOVC / 219 1071	SH
SA	0745	E130 BKN 250 OVC	20			159	75	53	01	02		012	BINOVC	SH
SA	0848	#90 SCT E130 BKN	20			159	79	53	34	03		012	RWU N	SH
SA	0945	E90 BKN 120 BKN	20			161	81	53	31	04		013	CB N AND S RWU	SH
	—		—			—						—	N / 10 8 1970 70	—
SP	1008	E90 BKN	20		T				05	13		013	TB02 NE MOVG SE	SH
	—		—			—						—	OCNL LTGIC	—
SA	1045	E90 BKN	20		TRW-	144	77	56	11	12		013	TB02 E MOVG SE	SH
													OCNL LTGIC RWU	—
	—		—			—		—				—	E-S RB36	—
SA	1145	E90 BKN	20		T	165	77	55	10	05		013	T S MOVG S ~~MOVG~~	SH
													OCNL LTGICCG RWU	
													NE AND SE THRU SW	
	—		—			—		—				—	RE15	—
RS	1246	E90 BKN	20		RW-	162	74	61	12	03		012	TE38 MOVD SW CB	SH
													ALQDS RB06 / 80201	
	—		—			—						—	1900	—
SA	1346	E90 BKN	20			150	77	59	13	07		008	CB DSNT ALQDS	SH
	—		—			—						—	RE20	—
SA	1445	90 SCT E200 BKN	20			149	81	52	29	04		008	CB DSNT N E	SH
	—		—			—						—	AND S	—
SA	1550	90 SCT E200 BKN	20			139	86	51	25	07		006	CB DSNT S 81700	—
													1903 86 RADAT 91137	WRC
SA	1650	90 SCT 140 SCT 250 - OVC	20			134	66	53	29	10		004	CB DSNT S LCC MOVMT	WRC
SA	1750	90 SCT 140 SCT 250 - OVC	20			137	83	51	25	07		005	CB DSNT NE THRU SE	WRC
SA	1850	90 SCT 140 SCT 250 - OVC	20			149	79	51	27	05		008	CB W MOVG SE 307 1363	WRC
SA	1950	90 SCT E140 BKN 250 BKN	20			162	76	52	00	00		012	CB S-W MOVG SE OCNL	—
—	—		—				—	—				—	LTGCC	WRC
SA	2050	90 SCT E140 BKN 250 BKN	20			164	74	55	06	06		013	CB NE AND SW MOVG S	—
			—			—	—	—					OCNL LTGCC	WRC
SA	2146	90 SCT E140 BKN	20			169	74	54	00	00		014	CB E MOVG S OCNL LTGCC	—
~~SA~~													117 1370 87	WRC
SA	2250	90 SCT 140 SCT	20			174	73	52	34	05		015	CB E MOVG S	WRC
SA	2350	90 SCT 140 SCT	20			176	71	54	06	06		015		WRC

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

☆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 AUG 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 50	26600	77.2	60.9	40	8	3	AC	120	5	CI	E250	8								7	6	.030			00-01
01 50	26620	75.2	60.1	42	6															3					01-02
02 50	26630	72.1	60.1	51	7															3					02-03
03 47	26635	71.7	60.3	53	7	1	AC	120	6	CI	E250	7								5	1	.035			03-04
04 45	26645	70.8	59.3	52	8															7					04-05
05 47	26670	71.7	59.6	50	10															10					05-06
06 48	26690	73.8	61.1	50	10	9	AC	E130	1	CI	250	10								10	2	.055			06-07
07 45	26700	75.2	61.4	47	10															10					07-08
08 48	26700	78.7	62.6	42	8															8					08-09
09 45	26705	80.7	63.1	38	9	6	CB	E90	3	AC	120	9								9	1	.015			09-10
10 45	26705	77.0	63.6	48	9															9					10-11
11 45	26710	76.5	62.6	47	9															9					11-12
12 46	26700	73.7	65.0	65	9	9	CB	E90												9	8	.005			12-13
13 46	26670	77.3	65.1	53	9															9					13-14
14 45	26670	81.3	62.7	36	9															9					14-15
15 50	26650	85.6	63.8	31	9	2	CB	90	7	CI	E200	9								7	8	.050			15-16
16 50	26630	86.2	64.5	32	10															5					16-17
17 50	26640	83.0	62.8	33	10															4					17-18
18 50	26670	79.2	61.8	38	10	1	CB	90	3	AC	140	4	6	CI	250	10				5	3	.020			18-19
19 50	26700	75.9	60.8	43	8															6					19-20
20 50	26710	74.2	61.9	51	6															6					20-21
21 46	26720	74.0	61.3	50	7	1	CB	90	6	AC	E40	7								7	1	.050			21-22
22 50	26730	73.0	59.9	48	5															4					22-23
23 50	26730	71.0	60.2	55	4															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	77	71	X	X						X		
	0341	1	T	0	0	77	71		0								
	0941	2	0	0	0	81	70		0								
	1546	3	.01	0	0	86	73		0								
	2142	4	0	0	0	87	74		0								
	MID.	X	0	0	0	74	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0943	1548	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26635	26705	26650	26720
BAROGRAPH 64	26625	26700	26655	26710
BAR. CORR. 65	+.010	+.005	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	70	.01	0	0	21	E	1031					9	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1007	1238			
RW-	1036	1115			
RW-	1206	1320			

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 - OK
2347P OK

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 AUG 15

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	140 SCT	20			179	68	53	12	04		015	103 1070	WRG
SA	0150	140 SCT 250 - SCT	20			174	67	54	10	05		014		WRG
SA	0250	140 SCT 250 - SCT	20			172	66	54	14	03		014		WRG
SA	0348	E140 BKN 250 BKN	20			170	66	52	32	03		014	603 1031 65	SH
	—		—			—						—	20001 2ADAT 00134	—
SA	0445	E120 BKN 250 BKN	20			171	67	56	12	04		015		SH
SA	0546	E120 BKN 250 BKN	20			175	68	56	14	02		016		SH
SA	0649	90 SCT E120 BKN	20			181	72	56	20	03		017	310 1570	SH
SA	0746	120 SCT	20			180	77	54	35	02		017		SH
SA	0846	120 SCT	20			179	82	54	19	03		017	CU OMNS S	SH
SA	0948	CLR	20			177	83	53	23	04		017	TCU S/ 802 1200	SH
	—		—					—				—	65	—
SA	1047	CLR	20			171	87	54	24	05		015	CB S MOVG SW	SH
SA	1149	90 SCT	20			164	89	53	21	08		013	CB NW E AND S	SH
SA	1248	90 SCT	20			156	89	52	23	10		011	CB NW E AND S	SH
	—		—			—						—	TCU NE/ 719 1900	—
SA	1348	90 SCT	20			148	93	54	22	08		008	CB DSNT NW E AND S	SH
	—		—			—						—	TCU E	—
SA	1447	90 SCT	20			140	93	55	24	09		006	CB ~~E~~ NW E AND S	SH
	—		—			—						—	STNRY	—
SA	1550	90 SCT	20			132	93	50	20	07		004	720 1900 94 RAAA75814	WRG
SA	1650	90 SCT	20			128	92	49	24	08		003	CB DSNT NW - N - NE	—
—	—		—				—	—					LTC MOUNT	WRG
SA	1750	90 SCT 230 SCT	20			132	90	50	26	11		004	CB DSNT NW THRU NE	—
—	—		—				—	—					LTC MOUNT	WRG
SA	1950	E90 BKN 230 BKN	20			139	86	52	36	20		006	CB N - NE MOVG S VIRGA	—
—	—												NE OCNL LTGCCCG 307	—
—	—												1903	WRG
SP	1858	E90 BKN 230 BKN	20		TRW -				04	16 G 26		007	TB56 RB57 TOWHO	—
—	—												MOVG S	WRG
SA	1950	E900VC	20		TRW -	154	75	63	09	15		010	TB0256 RB0257 T	—
—	—												OUHO MOVG S FQT	—
—	—												LTGCCCG	WRG
SP	2025	E90 BKN	20						11	14		010	RE10 TE15 T MOVG	WRG
—	—												SE	—
SA	2050	E90 BKN 230 OVC	20			151	77	57	11	22 G 34		010	RE10 TE15 CB SE MOVG	—
—													SE FQT LTGCG	WRG
SA	2150	90 SCT 140 SCT E230 BKN	20			149	79	53	11	12		010	CB MOVG S 11001	—
—	—		—			—	—	—	—	—		—	126394	WRG
SA	2250	140 SCT 230 - BKN	20			148	76	54	01	07		010		WRG
SA	2350	140 SCT 230 SCT	20			148	73	54	06	03		010		WRG

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

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

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 AUG 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	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	26730	63.4	59.0	59	1	1	AC	140												1	1	.010			00-01
01 50	26720	67.4	59.0	62	2															1					01-02
02 50	26720	65.5	58.3	66	2															1					02-03
03 48	26720	65.8	57.5	62	7	6	AC	E140	1	CI	250	7								7	6	.010			03-04
04 48	26725	67.0	60.2	69	8															8					04-05
05 46	26735	67.6	60.0	65	8															8					05-06
06 49	26750	72.0	61.7	57	9	1	SC	90	8	AC	END	9								9	3	.030			06-07
07 46	26750	76.7	62.2	45	5															5					07-08
08 46	26750	81.9	64.0	39	1															1					08-09
09 48	26745	83.4	63.9	35	0	0	CU	90												0	8	.005			09-10
10 47	26730	87.2	65.6	32	0															0					10-11
11 49	26710	89.2	65.7	29	1															1					11-12
12 48	26690	89.3	65.6	29	2	2	CB	90												2	7	.055			12-13
13 48	26670	92.7	67.2	27	2															2					13-14
14 47	26650	93.0	66.4	25	2															2					14-15
15 50	26630	93.4	65.9	23	3	3	CB	90												3	7	.060			15-16
16 50	26620	92.4	65.2	23	3															3					16-17
17 50	26630	90.2	64.8	25	3															2					17-18
18 50	26650	88.0	64.8	29	8	7	CB	E90	1	CI	230	8								8	3	.020			18-19
19 50	26680	74.7	66.8	67	10															10					19-20
20 50	26680	77.4	64.0	49	10															8					20-21
21 50	26680	78.8	62.5	41	8	1	CU	90	2	AC	140	3	5	CI	E230	8				7	1	.030			21-22
22 50	26680	75.6	62.0	48	6															1					22-23
23 50	26680	73.3	60.9	50	3															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 0342	X	0	0	X	71	65	X	X						X		
	0342	1	0	0	0	74	65		0								
	0943	2	0	0	0	84	65		0								
	1546	3	0	0	0	94	83		0								
	2148	4	.01	0	0	94	73		0								
	MID.	X	0	0	0	80	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26720	26745	26630	26680
BAROGRAPH 64	26710	26735	26630	26680
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
94	65	.01	0	0	34	E	2049					3	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1556	2015			
RW-	1557	2010			

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: 1202P OK

2327P OK

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 AUG 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 (10's-36's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	230 SCT	20			150	72	56	10	03		010	400 1003	WRC
SA	0150	230 SCT	20			146	73	56	02	05		009		WRC
SA	0250	CLR	20			146	70	56	36	04		009	FEW CI SE	WRC
SA	0345	CLR	20			145	69	55	09	03		009	603 68 20001 RADAT51143	HS
SA	0447	CLR	20			147	66	55	36	04		009		HS
SA	0547	CLR	20			149	67	55	29	02		009		HS
SA	0647	CLR	20			150	73	56	21	02		010	303	HS
SA	0750	CLR	20			152	80	54	28	02		010		HS
SA	0850	CLR	20			146	85	53	29	03		009		HS
SA	0949	CLR	20			141	87	51	03	02		008	807 1101 66	HS
SA	1047	CLR	20			133	90	51	18	03		005	CU SE AND NW	HS
SA	1148	CLR	20			126	92	50	33	05		003	TCU NW CU ALQDS	HS
SA	1245	CLR	20			117	95	49	04	09		001	CB NW CU ALQDS 9300720	HS
SA	1348	70 SCT	20			104	98	47	13	06		998	CB NW	HS
SA	1445	70 SCT	20			096	100	43	11	13		996	CB NW	HS
SA	1548	100 SCT 200 - BKN	20			088	102	32	05	06		993	624 1201 02 RADAT 66138	008
SA	1647	100 SCT 200 - BKN	20			088	98	38	06	07		992		008
SA	1750	100 SCT 200 - SCT	20			085	95	38	14	03		991		008
SA	1849	200 SCT	20			088	91	40	12	04		992	503 1002	008
SA	1946	200 SCT	20			090	87	41	12	03		993		008
SA	2050	200 SCT	20			093	83	42	05	02		994		008
SA	2145	200 SCT	20			093	82	44	06	02		994	107 1002 02	008
SA	2246	200 SCT	20			093	79	44	06	04		994		008
SA	2345	200 SCT	20			092	78	45	02	05		994		008

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

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

☆ U.S.GPO: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 AUG 16

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 50	26.650	72.1	61.7	57	3	3	Ci	230												2	4	.000			00-01
01 50	26.670	72.5	61.8	56	2															2					01-02
02 50	26.670	70.0	60.9	61	0															0					02-03
03 48	26.670	69.3	60.1	60	0															0	6	.010			03-04
04 47	26.670	66.4	59.1	66	0															0					04-05
05 47	26.670	66.5	59.7	67	0															0					05-06
06 47	26.680	73.1	62.0	55	0															0	3	.010			06-07
07 50	26.680	79.8	63.1	41	0															0					07-08
08 50	26.670	85.3	64.8	34	0															0					08-09
09 49	26.660	86.8	64.0	29	0	0	Cu	70	0	Ci	300	0								0	8	.020			09-10
10 47	26.640	90.2	65.3	27	0															0					10-11
11 48	26.620	92.0	65.4	24	0															0					11-12
12 45	26.600	95.2	66.0	21	0	0	CB	70												0	7	.060			12-13
13 48	26.570	97.6	65.8	18	1															1					13-14
14 45	26.550	100.4	65.3	14	3															3					14-15
15 48	26.530	102.3	62.8	9	6	2	Cu	100	4	Ci	200	6								3	6	.070			15-16
16 47	26.520	97.8	63.0	13	7															3					16-17
17 50	26.510	95.3	62.2	14	5															2					17-18
18 49	26.520	91.3	61.5	18	3	3	Ci	200												2	5	.010			18-19
19 46	26.530	87.4	60.3	20	4															3					19-20
20 50	26.540	83.2	59.2	23	4															3					20-21
21 45	26.540	81.9	59.4	26	4	4	Ci	200												3	1	.020			21-22
22 46	26.540	79.2	58.7	29	4															3					22-23
23 45	26.540	77.7	58.3	31	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 0343	X	0	0	X	75	68	X	X						X		
	0343	1	0	0	0	80	68		0								
	0944	2	0	0	0	89	66		0								
	1541	3	0	0	0	102	89		0								
	2140	4	0	0	0	102	81		0								
	MID.	X	0	0	0	82	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1547	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.660	26.530	26.540
BAROGRAPH 64	26.660	26.660	26.535	26.530
BAR. CORR. 65	+.010	±0	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	66	0	0	0	23	56	1412					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0955 P-OK / 1730 P-ON TIME

MF1-10A (10-78)

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

STATION: WSMO. DESERT ROCK, NV

DATE: 1981 AUG 17

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 (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0044	200 SCT	20			090	74	44	01	05		993	803 1002	00$
SA	0143	200 SCT	20			088	74	44	32	02		993		00$
SA	0243	200 SCT	20			088	73	44	04	02		993		00$
SA	0348	120 SCT	20			082	74	44	31	04		992	803 1030 72 RADAT 48147	HS
SA	0448	120 SCT	20			091	73	45	12	04		994		HS
SA	0548	CLR	20			094	70	44	12	06		994	FEW AC	HS
SA	0649	CLR	20			097	77	45	01	03		996	FEW AC 110 1030	HS
SA	0749	CLR	20			095	85	48	10	03		996	FEW AC	HS
SA	0848	CLR	20			095	90	47	19	04		996	CU SE AND NW	HS
SA	0948	CLR	20			090	94	45	12	07		994	CB NW CU ALQDS	/
													803 1900 70	HS
SA	1048	80 SCT	20			081	97	39	26	06		992	CB NW CU ALQDS	HS
SA	1150	80 SCT	20			074	100	41	10	05		990	CB NW-N	HS
SA	1248	80 SCT	20			068	100	39	13	08		988	CB NW 720 1300	HS
SA	1350	80 SCT	20			060	101	44	13	09		986	CB NW DSIPTD HVY CU S	HS
SA	1445	80 SCT	20			053	101	41	16	10		983	HVY CU VIRGA S AND NW	HS
SA	1545	70 SCT E 100 BKN 200 BKN	20			053	98	43	21	12 G 18		983	VIRGA SW CB SW MOVG NE	—
													614 1902 03 RADAT 71145	00$
SA	1649	70 SCT E 100 BKN 200 BKN	20			052	96	41	22	09		982	CB NW MOVG N	00$
SA	1747	70 SCT E 100 BKN 200 BKN	20			057	94	44	21	11 G 17		983	CB SW NW VIRGA NW	00$
SA	1849	70 SCT E 100 BKN 200 BKN	20			064	91	45	23	08		985	CB NW 307 1902	00$
SA	1944	100 SCT 200 SCT	20			066	87	44	32	02		986		00$
SA	2049	100 SCT 200 SCT	20			071	85	45	14	03		988		00$
SA	2145	100 SCT 200 SCT	20			074	82	45	34	03		990	214 1202 03	00$
SA	2248	100 SCT 200 SCT	20			077	79	45	32	03		991		00$
SA	2345	100 SCT 200 SCT	20			077	78	45	29	01		991		00$

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

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

☆U.S.GPO:1980-0-665-115/1108

MFT-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 AUG 17

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 44	26.530	73.6	56.6	35	2	2	ci	200												2	8	.010			00-01
01 43	26.530	74.3	56.7	34	2															2					01-02
02 43	26.530	72.8	56.1	35	2															2					02-03
03 48	26.520	74.0	56.8	35	1	1	Ac	120												1	8	.010			03-04
04 48	26.540	72.6	56.6	37	1															1					04-05
05 48	26.540	69.9	55.2	40	0															0					05-06
06 49	26.550	77.2	58.3	32	0	0	Ac	120												0	1	.030			06-07
07 49	26.550	85.2	62.3	28	0															0					07-08
08 48	26.550	90.1	63.6	23	0															0					08-09
09 48	26.540	93.9	63.8	18	0	0	CB	80												0	8	.010			09-10
10 48	26.520	97.3	63.0	13	1															1					10-11
11 50	26.500	99.7	64.4	13	2															2					11-12
12 48	26.480	100.2	64.1	12	4	4	CB	80												4	7	.060			12-13
13 50	26.460	101.0	65.8	14	5															5					13-14
14 45	26.440	101.1	65.0	13	5															5					14-15
15 45	26.440	98.2	64.7	15	9	1	CB	70	5	cu	E100	6	3	ci	200	9				8	6	.040			15-16
16 49	26.430	95.6	63.3	16	9															7					16-17
17 47	26.440	94.1	63.8	18	9															8					17-18
18 49	26.460	90.6	62.8	21	9	1	CB	70	6	cu	E100	7	2	ci	200	9				9	3	.020			18-19
19 44	26.470	87.2	61.4	22	5															5					19-20
20 49	26.490	84.8	61.1	25	4															4					20-21
21 45	26.500	81.6	59.8	28	4	2	cu	100	2	ci	200	4								4	2	.040			21-22
22 48	26.510	79.2	58.8	29	4															4					22-23
23 45	26.510	78.4	58.6	30	5															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID-0343	X	0	0	X	78	72	X	X						X		
	0343	1	0	0	0	82	72		0								
	0943	2	0	0	0	96	70		0								
	1540	3	0	0	0	103	94		0								
	2141	4	0	0	0	99	81		0								
	MID.	X	0	0	0	82	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.540	26.440	26.500
BAROGRAPH 64	26.525	26.540	26.445	26.485
BAR. CORR. 65	-.005	*±0	-.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
103	70	0	0	0	19	SW	1733					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0955 P-OK / 1530P - ON TIME

* BAROGRAM CHANGED.

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 AUG 18

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	100 SCT 200 SCT	20			073	79	46	02	02		990	000 1202	008
SA	0145	100 SCT 200 SCT	20			076	78	47	05	06		991		008
SA	0242	100 SCT 200 SCT	20			077	76	46	35	04		991		008
SA	0349	120SCT	20			083	75	48	08	02		992	307 10307 5 RADAT 77142	HS
SA	0449	100 SCT	20			091	76	47	11	06		994	TCU N	HS
SA	0549	100 SCT	20			096	77	49	10	04		996	CB NW AND DSNT SE	HS
SA	0649	100 SCT	20			100	80	49	07	03		997	CB NW DSIPTD HVY CW	/
													S AND NW 214 1200	HS
SA	0748	100SCT	20			100	84	52	16	02		997	HVY CW S	HS
SA	0848	100 SCT	20			104	87	51	26	06		998	TCU S AND W	HS
SA	0949	E100 BKN	20			108	89	51	11	07		999	TCU ALQDS 307 1200 75	HS
SA	1050	E100 BKN	20			105	90	52	21	11	G22	998	TCU ALQDS	HS
SA	1147	E100 OVC	20			106	88	51	18	17	G30	998	CB OCNL LTGCG RWU S	HS
SP	1215	E100 OVC	20		TRW-				18	11	G25	998	T E MOVG N B13	HS
SA	1249	E100 OVC	20		TRW-	116	82	55	09	19		000	T NE MOVG N B13	/
													RB13E26B32 OCNL	/
													LTGCG NE 30300 1911	HS
SP	1318	E100 BKN 250 OVC	20						12	10		000	TE16 MOVD N RE15	/
													CB RWU E-S MOVG N	HS
SA	1348	E100 BKN 250 BKN	20			109	83	54	09	19		998	CB RWU E RB30E42	HS
SA	1446	100SCT 250SCT	20			095	88	53	11	10		994	CB NE MOVG N	HS
SA	1550	60 SCT 90 SCT E 200 BKN	20			091	91	51	17	02		993	CB SW VIRGA NW	/
													72000 1902 94 RADAT 69144	008
SA	1645	60 SCT 90 SCT E 200 BKN	20			087	89	50	10	05		992	CB SW	008
SA	1745	60 SCT 90 SCT E 200 BKN	20			091	87	51	19	05		993	CB SE S W	008
SA	1844	60 SCT E 200 BKN	20			092	84	49	15	02		993	CB SW NW 500 1902	008
SA	1947	60 SCT 200 SCT	20			100	80	50	06	06		995		008
SA	2049	200 SCT	20			104	78	55	10	05		996		008
SA	2147	100 SCT 200 SCT	20			103	77	51	31	05		996	DSNT LTG NW 110 1202 94	008
SA	2248	100 SCT 200 SCT	20			103	76	51	26	02		996		008
SA	2343	100 SCT 200 SCT	20			111	77	52	35	02		998		008

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

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_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 AUG 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	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.500	78.8	59.4	32	5	2	cu	100	3	ci	200	5								5	0	.000			00-01
01 45	26.510	78.3	59.7	34	5															5					01-02
02 42	26.510	76.4	58.6	35	5															5					02-03
03 49	26.520	75.4	58.7	37	4	4	Ac	120												4	3	.020			03-04
04 49	26.540	76.0	58.8	37	3															3					04-05
05 49	26.550	77.1	60.0	38	3															3					05-06
06 49	26.560	79.8	60.9	34	2	2	Cu	100												2	2	.040			06-07
07 48	26.560	84.2	63.6	33	3															3					07-08
08 48	26.570	86.6	64.0	29	4															4					08-09
09 49	26.580	89.1	65.0	28	6	6	Cu	E100												6	3	.020			09-10
10 50	26.570	89.8	65.6	28	9															9					10-11
11 47	26.570	87.8	64.4	28	10															10					11-12
12 49	26.590	81.6	64.2	40	10	10	CB	E100												10	3	.010			12-13
13 48	26.570	83.0	64.4	37	9															9					13-14
14 46	26.540	88.1	66.6	31	5															5					14-15
15 50	26.530	90.9	65.3	26	9	2	CB	60	2	cu	90	4	5	ci	E200	9				8	7	.060			15-16
16 45	26.520	89.2	64.3	26	9															8					16-17
17 45	26.530	87.2	64.1	29	9															8					17-18
18 44	26.530	83.5	62.3	31	7	2	CB	60	5	ci	E260	7								7	5	.000			18-19
19 47	26.550	80.2	61.4	35	5															5					19-20
20 49	26.560	77.6	63.0	46	5															5					20-21
21 47	26.560	76.8	60.6	40	4	2	cu	100	2	ci	200	4								4	1	.030			21-22
22 48	26.560	76.1	60.6	42	5															5					22-23
23 43	26.580	76.5	61.0	42	5															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		79	75										
	0344	1	0	0	0	82	75		0								
	0944	2	0	0	0	92	75		0								
	1545	3	T	0	0	94	80		0								
	2141	4	0	0	0	92	77		0								
	MID.		0	0	0	78	76										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.580	26.530	26.560
BAROGRAPH 64	26.510	26.560	26.530	26.545
BAR. CORR. 65	+.010	+.020	±0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	75	T	0	0	30	5	1144					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T-	1213	1316			
RW-	1213	1226			
RW-	1232	1315			
RW-	1330	1342			

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: 0955P - OK / 1730P - 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 AUG 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's-°) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENSORS INITIALS (15)
SA	0044	100 SCT 200 SCT	20			111	75	51	07	03		997	003 1202	008
SA	0145	100 SCT 200 SCT	20			115	71	53	01	04		998		008
SA	0246	100 SCT 200 SCT	20			112	74	51	02	05		998		008
SA	0348	CLR	20			115	73	50	07	06		000	207 1101 71 RADAT 58140	HS
SA	0447	CLR	20			118	73	53	02	02		001		HS
SA	0547	CLR	20			124	72	53	35	06		002		HS
SA	0648	CLR	20			131	78	53	23	04		004	FEW CU 314 1100	HS
SA	0749	CLR	20			135	81	53	22	02		005	FEW CU	HS
SA	0848	CLR	20			134	85	54	02	03		005	FEW CU	HS
SA	0948	90 SCT	20			129	89	54	15	07		004	000 1100 71	HS
SA	1048	90 SCT	20			125	92	52	20	13		003		HS
SA	1150	E90 BKN	20			119	93	48	19	14		002		HS
SA	1249	E90 BKN	20			117	93	48	18	11	G24	001	710 1100	HS
SA	1348	90 SCT	20			110	96	43	21	13	G25	999		HS
SA	1447	90 SCT	20			100	96	44	20	14	G36	997	PK WND 2236/41	HS
SA	1550	90 SCT	20			098	95	44	20	12	G20	995	617 1100 98 RADAT 20141	US
SA	1649	90 SCT	20			099	93	47	19	11	G17	995		US
SA	1749	90 SCT	20			100	92	48	23	10		995		US
SA	1849	CLR	20			099	89	50	21	09		995	5 500 1400	US
SA	1948	CLR	20			101	85	48	14	07		996		US
SA	2048	CLR	20			101	83	50	12	08		996		US
SA	2148	140 SCT	20			097	82	49	15	10		996	002 1030 98	US
SA	2248	CLR	20			101	82	49	20	05		997	FEW AC NW	US
SA	2347	CLR	20			110	80	44	33	04		999		US

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

FM11V: IIiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_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, NM

DATE: 1981 AUG 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 44	26.570	74.6	60.2	44	5	3	CU	100	2	CI	200	5								5	0	.010			00-01
01 45	26.580	71.4	59.8	50	5															5					01-02
02 46	26.580	73.8	60.0	46	5															5					02-03
03 48	26.590	73.0	59.2	45	0	0	CU	100	0	CI	250	0								0	2	.020			03-04
04 47	26.600	73.3	60.4	49	0															0					04-05
05 47	26.610	72.3	60.0	50	0															0					05-06
06 48	26.630	77.5	61.8	42	0	0	CU	90												0	3	.040			06-07
07 49	26.640	81.1	63.1	38	0															0					07-08
08 48	26.640	84.9	64.7	34	0															0					08-09
09 48	26.630	89.2	66.3	31	1	1	CU	90												1	0	.000			09-10
10 48	26.620	91.9	66.0	26	4															4					10-11
11 50	26.610	93.1	65.0	22	6															6					11-12
12 49	26.600	92.8	64.7	22	7	7	CU	E90												7	7	.030			12-13
13 48	26.580	96.0	63.9	16	5															5					13-14
14 47	26.560	95.6	64.0	17	3															3					14-15
15 50	26.550	94.8	63.7	17	2	2	CU	90												2	6	.050			15-16
16 46	26.550	93.0	64.3	21	2															2					16-17
17 49	26.550	91.5	64.3	22	2															2					17-18
18 49	26.550	88.7	64.1	26	0	0	SC	90												0	4	.000			18-19
19 48	26.555	85.0	62.2	28	0															0					19-20
20 48	26.560	83.4	62.6	32	0															0					20-21
21 48	26.555	82.1	61.9	32	1	1	AC	140												1	0	.005			21-22
22 48	26.590	82.1	60.0	27	0															0					22-23
23 47	26.590	80.3	59.0	28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TPS 0343	X	0	0	X	77	71	X	X						X		
	0343	1	0	0	0	78	71		0								
	0943	2	0	0	0	91	71		0								
	1542	3	0	0	0	98	89		0								
	2142	4	0	0	0	95	82		0								
	MID.	X	0	0	0	83	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1550	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.630	26.550	26.555
BAROGRAPH 64	26.570	26.620	26.540	26.545
BAR. CORR. 65	+.020	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	71	0	0	0	36	SW	1441					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0955 P-OK

1800 P- ON TIME

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 AUG 2 0

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)	ALTIM. ETER SET. TING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0051	CLR	20			114	75	40	04	05		999	112 1001	US
SA	0147	CLR	20			109	76	41	09	04		999		US
SA	0245	CLR	20			111	72	40	05	02		999		US
SA	0349	CLR	20			115	68	36	05	02		999	500 68 RADAT 20156	MR
SA	0447	CLR	20			118	72	36	07	03		001	Ac E-SE	MR
SA	0547	CLR	20			126	68	35	30	02		002	Ac E-SE	MR
SA	0650	CLR	20			124	78	37	31	02		003	110 1070	MR
SA	0748	CLR	20			127	83	38	00	00		003	Ac E-SE	MR
SA	0847	CLR	20			122	90	33	20	10	G24	003	Ac E-SE	MR
SA	0947	CLR	20			123	91	36	19	15		003	302 1100 68	MR
SA	1045	CLR	20			118	93	40	22	14	G19	002	Cu SE	MR
SA	1149	CLR	20			110	94	40	18	14	G19	999	Cu E-SE	MR
SA	1245	CLR	20			109	96	40	18	17	G24	999	714 1100	MR
SA	1351	CLR	20			096	96	41	20	15	G23	995	Cu E-SE PK WND	MR
/													2137/36	/
SA	1450	CLR	20			094	96	40	22	11	G24	994		MR
SA	1549	CLR	20			090	96	38	22	12	G22	993	720 1100 98 RADAT MISG	US
SA	1646	CLR	20			087	95	39	22	09	G18	992		US
SA	1745	CLR	20			086	92	40	21	12	G21	991		US
SA	1846	CLR	20			083	89	41	18	08	G17	991	605	US
SA	1949	CLR	20			090	85	40	17	03		993		US
SA	2046	CLR	20			090	82	40	06	03		994		US
SA	2147	CLR	20			093	78	39	09	02		994	310 98	US
SA	2245	CLR	20			095	75	39	10	04		994		US
SA	2349	CLR	20			094	74	40	09	05		994		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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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 AUG 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	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	26.590	74.7	55.5	29	0	0	Ci	300												0	1	035			00-01
01 47	26.585	75.6	56.0	28	0															0					01-02
02 45	26.585	72.0	54.4	32	0															0					02-03
03 49	26.590	68.0	51.3	31	0															0	5	-.000			03-04
04 47	26.600	71.5	52.6	27	0															0					04-05
05 47	26.615	68.0	51.0	30	0															0					05-06
06 50	26.620	78.1	55.7	23	0	0	Ac	140												0	1	.030			06-07
07 48	26.625	83.3	57.9	20	0															0					07-08
08 47	26.620	89.6	58.6	13	0															0					08-09
09 47	26.625	91.1	60.0	14	0	0	Cu	80												0	3	.005			09-10
10 45	26.615	92.7	61.9	16	0															0					10-11
11 49	26.590	93.6	62.2	16	0															0					11-12
12 45	26.585	96.2	63.1	15	0	0	Cu	90												0	7	.040			12-13
13 51	26.550	96.3	63.3	15	0															0					13-14
14 50	26.540	96.1	63.0	14	0															0					14-15
15 49	26.525	96.2	62.4	13	0	0	Cu	90												0	7	060			15-16
16 46	26.520	94.5	62.0	14	0															0					16-17
17 45	26.510	92.0	61.7	17	0															0					17-18
18 46	26.510	89.2	61.0	19	0															0	6	015			18-19
19 49	26.530	84.7	59.0	20	0															0					19-20
20 46	26.535	81.8	58.1	23	0															0					20-21
21 47	26.540	77.6	56.1	25	0															0	3	030			21-22
22 45	26.540	74.8	55.0	27	0															0					22-23
23 49	26.540	73.5	55.0	30	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	80	68	X	X						X		
	0343	1	0	0	0	83	68		0								
	0943	2	0	0	0	92	68		0								
	1542	3	0	0	0	98	91		0								
	2141	4	0	0	0	96	78		0								
	MID.	X	0	0	0	78	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.625	26.525	26.540
BAROGRAPH 64	26.575	26.610	26.515	26.530
BAR. CORR. 65	+.015	+.015	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
98	68	0	0	0	37	SW	1336					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 0440P ON TIME
1752P ON TIME

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 AUG 2 1

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundred Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. ETER SET-TING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0049	CLR	20			091	73	40	13	06		994	802	US
SA	0145	CLR	20			093	70	37	02	02		994		US
SA	0246	CLR	20			090	71	36	11	05		993		US
SA	0349	CLR	20			095	69	36	00	00		994	302 1050 69 RADAT	MR
/													63137	/
SA	0445	90 SCT	20			102	66	32	00	00		995	LN CB TCU DSNT SE	MR
SA	0546	CLR	20			106	68	35	00	00		996	TCU DSNT SE FEW AC	MR
SA	0646	CLR	20			108	76	40	00	00		998	312 1070	MR
SA	0749	CLR	20			103	82	37	00	00		997	AC SE	MR
SA	0847	CLR	20			102	89	39	20	10		997	Cu SE	MR
SA	0948	CLR	20			102	93	41	21	11	G17	997	603 1150 66	MR
SA	1048	CLR	20			100	93	43	20	10		996	Cu NE-SE	MR
SA	1150	CLR	20			094	96	43	22	17	G23	995	Cu N-E-S	MR
SA	1244	CLR	20			091	95	44	23	12		993	Cu ALQDS 7210 1100	MR
SA	1346	90 SCT	20			083	96	44	22	14	G20	991		MR
SA	1450	90 SCT	20			075	98	45	19	10	G22	988		MR
SA	1549	90 SCT	20			070	97	42	21	14	G23	987	FEW TCU E / 720 1200 99	US
—	—	—	—				—	—					RADAT 36167	—
SA	1648	CLR	20			070	95	43	21	13	G21	986	HVY CU E	US
SA	1749	CLR	20			066	94	42	24	09		985		US
SA	1846	CLR	20			069	91	40	22	14		986	502 1400	US
SA	1946	CLR	20			070	86	37	22	04		987		US
SA	2045	CLR	20			078	81	39	09	03		990		US
SA	2146	CLR	20			081	81	38	10	04		992	315 99	US
SA	2250	CLR	20			082	77	37	11	05		992		US
SA	2347	CLR	20			083	76	36	11	06		992		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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ 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 AUG 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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.535	73.2	54.9	30	0															0	8	005			00-01
01 45	26.535	70.0	52.5	30	0															0					01-02
02 46	26.530	70.8	52.5	28	0															0					02-03
03 49	26.540	69.2	51.6	29	0	0	Ac	100												0	3	.005			03-04
04 45	26.550	65.7	49.0	29	1															1					04-05
05 46	26.560	67.7	50.7	29	0															0					05-06
06 46	26.575	75.5	55.6	28	0	0	Ac.	100												0	3	.035			06-07
07 49	26.565	82.4	57.2	20	0															0					07-08
08 47	26.565	88.8	60.2	18	0															0					08-09
09 48	26.565	92.9	62.3	17	0	0	Cu	90	0	Ac.	120	0								0	6	.010			09-10
10 48	26.535	93.0	63.0	18	0															0					10-11
11 50	26.545	96.4	64.2	16	0															0					11-12
12 44	26.535	95.3	64.0	17	0	0	Cu	90												0	7	.030			12-13
13 46	26.510	96.2	64.3	17	1															1					13-14
14 50	26.490	97.5	65.0	17	1															1					14-15
15 49	26.475	97.3	64.1	15	1	1	Cu	90												1	7	060			15-16
16 48	26.470	95.4	63.8	17	0															0					16-17
17 49	26.460	94.3	63.0	16	0															0					17-18
18 46	26.470	90.5	61.0	17	0	0	Sc	90												0	5	005			18-19
19 46	26.480	86.2	58.5	17	0															0					19-20
20 45	26.500	81.0	57.5	23	0															0					20-21
21 46	26.515	80.8	57.0	21	0															0	3	045			21-22
22 50	26.515	76.7	55.0	23	0															0					22-23
23 49	26.520	76.2	54.7	24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	74	69	X	X						X		
	0343	1	0	0	0	78	69		0								
	0943	2	0	0	0	84	66		0								
	1542	3	0	0	0	99	93		0								
	2141	4	0	0	0	97	80		0								
	MID.	X	0	0	0	81	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.565	26.475 ~~26.575~~	26.515
BAROGRAPH 64	26.595	26.565	26.490	26.510
BAR. CORR. 65	+.005	0 *	~~-.01~~	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	66	0	0	0	25	S	1482					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 0450P ON TIME

*BAROGRAPH CHANGED AND RESET TO ZERO CORR.

2149P 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 AUG 2 2

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0049	CLR	20			085	78	37	10	06		993	303	US
SA	0150	CLR	20			086	75	32	07	06		993		US
SA	0245	CLR	20			082	72	28	03	04		992		US
SA	0348	CLR	20			092	70	29	09	03		993	303 70 RADAT 62142	MR
SA	0447	CLR	20			097	71	28	00	00		995	AC SE	MR
SA	0547	CLR	20			105	70	28	06	04		997	CU SE	MR
SA	0647	CLR	20			108	78	30	30	02		998	215 1100	MR
SA	0746	CLR	20			111	85	31	21	02		999	CU SE	MR
SA	0849	CLR	20			111	89	34	24	06		999		MR
SA	0948	CLR	20			110	92	34	22	10		999	103 1100 67	MR
SA	1045	CLR	20			110	96	42	20	14	G19	999	CU NE-SE	MR
SA	1145	CLR	20			102	95	43	21	13	G19	997	CU N-E-S	MR
SA	1247	CLR	20			096	96	42	19	14	G22	996	812 1100	MR
SA	1348	CLR	20			090	97	42	21	18	G25	993	CU N-E-S	MR
SA	1450	CLR	20			085	98	45	21	17	G23	992	CU N-E-S	MR
SA	1547	CLR	20			083	97	42	23	16	G24	991	HVY CU SE/715 1200 00	US
		—	—				—				—		RADAT 20154	—
SA	1650	CLR	20			077	96	42	22	16	G21	989	CU E-SE	US
SA	1749	CLR	20			077	94	39	23	15		988		US
SA	1848	CLR	20			080	91	39	24	11		991	502 1100	US
SA	1948	CLR	20			085	86	36	26	07		992		US
SA	2046	CLR	20			086	85	36	03	03		993		US
SA	2149	CLR	20			086	83	35	04	05		993	108 1100 00	US
SA	2249	CLR	20			090	80	37	33	07		994		US
SA	2351	CLR	20			096	75	35	06	04		995		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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ 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 AUG 2 2

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.525	77.7	55.6	23	0															0	3	010				00-01
01 50	26.525	75.0	52.8	20	0															0						01-02
02 45	26.515	72.0	50.6	20	0															0						02-03
03 48	26.535	70.1	50.0	22	0															0	3	.010				03-04
04 47	26.545	71.0	50.2	20	0															0						04-05
05 47	26.565	70.2	49.7	20	0															0						05-06
06 47	26.580	78.0	53.6	18	0	0	Cu	90												0	2	.045				06-07
07 46	26.590	84.6	56.4	15	0															0						07-08
08 49	26.590	88.6	58.3	15	0															0						08-09
09 48	26.590	92.0	59.8	13	0	0	Cu	100												0	1	.010				09-10
10 45	26.585	95.5	63.3	16	0															0						10-11
11 45	26.565	95.0	63.5	17	0															0						11-12
12 47	26.555	96.0	63.6	16	0	0	Cu	100												0	8	.035				12-13
13 48	26.535	96.7	64.0	16	0															0						13-14
14 50	26.520	97.5	65.1	17	0															0						14-15
15 49	26.510	97.2	63.9	15	0	0	Cu	100												0	7	045				15-16
16 50	26.495	96.3	63.6	15	0															0						16-17
17 49	26.490	94.2	62.2	15	0															0						17-18
18 48	26.505	90.8	60.4	15	0	0	Cu	100												0	5	005				18-19
19 48	26.520	86.4	57.7	185	0															0						19-20
20 46	26.530	85.4	58.0	17	0															0						20-21
21 49	26.530	82.5	56.7	18	0	0	Cu	100												0	1	025				21-22
22 49	26.540	80.3	56.5	21	0															0						22-23
23 51	26.550	75.2	54.0	23	0															0						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	78	70	X	X						X		
	0343	1	0	0	0	81	70		0								
	0943	2	0	0	0	93	67		0								
	1541	3	0	0	0	100	92		0								
	2142	4	0	0	0	97	82		0								
	MID.	X	0	0	0	83	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.535	26.590	26.510	26.530
BAROGRAPH 64	26.525	26.590	26.510	26.530
BAR. CORR. 65	+.010	0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	67	0	0	0	28	SW	1426					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 0449P ON TIME
1858P ON TIME

MF1-10A (10-78)

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

STATION WSMO. DESERT ROCK, NV

DATE 1981 AUG 2 3

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	0048	CLR	20			096	76	36	07	03		995	107	US
SA	0150	CLR	20			096	75	35	10	03		995		US
SA	0246	CLR	20			097	72	33	05	03		995		US
SA	0349	CLR	20			100	73	32	07	06		997	303 72 RADAT 60143	EP
SA	0447	CLR	20			104	72	33	35	08		997		EP
SA	0548	CLR	20			108	76	37	36	05		999		EP
SA	0650	CLR	20			110	83	39	00	00		000	210 1400	EP
SA	0750	CLR	20			110	88	43	00	00		000		EP
SA	0847	CLR	20			109	91	47	23	13		000		EP
SA	0950	CLR	20			107	92	48	23	15		999	802 1100 72	EP
SA	1047	100 SCT	20			100	94	46	22	14	G24	997		EP
SA	1149	100 SCT	20			096	96	45	22	16	G24	996		EP
SA	1250	100 SCT	20			088	98	43	21	17	G24	994	617 1100	EP
SA	1350	100 SCT	20			081	99	43	23	10		992		EP
SA	1450	100 SCT	20			075	96	43	20	13	G23	989		EP
SA	1545	100 SCT	20			066	98	44	24	21		986	722 1100 99 RADAT 71144	JK
SA	1648	CLR	20			067	97	44	21	10	G23	986	CU E	JK
SA	1749	CLR	20			066	94	44	22	20		986		JK
SA	1847	CLR	20			066	90	43	22	12		986	400 1100	JK
SA	1948	CLR	20			066	90	43	20	10		987		JK
SA	2050	CLR	20			070	86	43	00	00		988		JK
SA	2146	CLR	20			070	86	43	13	06		988	107 99	JK
SA	2250	CLR	20			078	80	42	03	04		991		JK
SA	2345	CLR	20			079	80	41	17	02		991		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 $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MFI-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 AUG 23

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.550	76.4	54.8	23	0															0	1	020			00-01
01 50	26.550	74.7	53.8	24	0															0					01-02
02 46	26.550	71.9	51.8	23	0															0					02-03
03 49	26.560	72.8	51.8	22	0															0	3	.010			03-04
04 47	26.565	72.1	51.8	23	0															0					04-05
05 48	26.580	76.3	54.8	24	0															0					05-06
06 50	26.590	83.0	58.0	21	0	0	Sc	100												0	2	.030			06-07
07 50	26.590	87.5	61.2	22	0															0					07-08
08 47	26.590	91.0	63.7	22	0															0					08-09
09 50	26.585	91.6	64.4	23	0	0	Cu	100												0	8	.005			09-10
10 47	26.565	93.8	64.3	19	1															1					10-11
11 49	26.550	95.8	64.5	18	1															1					11-12
12 50	26.535	97.6	64.6	16	1	1	Cu	100												1	6	.050			12-13
13 50	26.515	99.1	65.1	15	1															1					13-14
14 50	26.490	95.7	63.9	17	1															1					14-15
15 45	26.470	98.0	65.0	16	1	1	Cu	100												1	7	.065			15-16
16 48	26.470	96.9	64.7	17	0															0					16-17
17 49	26.470	94.0	63.5	18	0															0					17-18
18 47	26.470	90.4	62.2	20	0	0	Cu	100												0	4	.000			18-19
19 48	26.480	90.1	62.0	20	0															0					19-20
20 50	26.490	86.3	60.7	22	0															0					20-21
21 46	26.490	85.8	60.6	23	0															0	1	.020			21-22
22 50	26.510	80.2	58.2	26	0															0					22-23
23 45	26.510	79.7	57.6	25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	76	72	X	X						X		
	0345	1	0	0	0	83	72		0								
	0945	2	0	0	0	94	72		0								
	1543	3	0	0	0	99	92		0								
	2144	4	0	0	0	98	86		0								
	MID.	X	0	0	0	86	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.585	26.470	26.490
BAROGRAPH 64	26.550	26.585	26.480	26.490
BAR. CORR. 65	+.010	0	-.010	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	72	0	0	0	25	S	1416					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: 1000 CLOCK OK 1800 P OK

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 AUG 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	0048	CLR	20			079	76	39	07	04		991	107	JK
SA	0150	CLR	20			080	74	37	00	00		991		JK
SA	0245	CLR	20			084	72	36	01	07		992		JK
SA	0350	CLR	20			083	72	36	36	07		992	102 72 RADAT 20159	EP
SA	0448	CLR	20			092	72	35	01	08		994		EP
SA	0547	CLR	20			098	74	36	04	08		996		EP
SA	0649	CLR	20			100	81	37	00	00		997	115	EP
SA	0747	CLR	20			099	86	40	25	04		997		EP
SA	0849	CLR	20			101	89	39	22	09		998		EP
SA	0950	CLR	20			098	92	39	22	13		997	002 70	EP
SA	1049	CLR	20			099	94	38	23	13		997		EP
SA	1146	CLR	20			094	95	43	19	16 G	23	996		EP
SA	1251	CLR	20			090	96	44	19	11		994	810	EP
SA	1349	CLR	20			083	96	45	23	20 G	31	992		EP
SA	1450	CLR	20			078	97	45	22	20 G	29	990		EP
SA	1550	CLR	20			073	98	46	21	10 G	24	988	715 1100 98 RADAT 20159	JK
SA	1646	CLR	20			072	97	45	23	16		987		JK
SA	1745	CLR	20			072	95	45	23	14		987		JK
SA	1848	CLR	20			072	91	45	19	10		988	502	JK
SA	1949	CLR	20			076	88	45	17	08		990		JK
SA	2047	CLR	20			078	87	45	21	05		991		JK
SA	2146	CLR	20			080	81	44	00	00		991	108 98	JK
SA	2245	CLR	20			088	79	43	04	03		993		JK
SA	2351	CLR	20			092	77	43	05	04		994		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 $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO 1978 665-010/1100 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 AUG 24

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.510	76.1	55.5	26	0															0	1	.020			00-01
01 50	26.510	73.9	54.1	26	0															0					01-02
02 45	26.515	72.2	53.0	27	0															0					02-03
03 50	26.515	72.3	53.0	26	0															0	1	.005			03-04
04 48	26.535	71.5	52.5	27	0															0					04-05
05 47	26.550	73.5	53.5	25	0															0					05-06
06 49	26.560	80.5	56.6	21	0															0	1	.045			06-07
07 47	26.565	86.0	59.4	19	0															0					07-08
08 49	26.570	88.9	60.2	17	0															0					08-09
09 50	26.565	91.8	61.1	16	0															0	0	.005			09-10
10 49	26.560	93.8	61.7	14	0															0					10-11
11 46	26.550	94.7	63.6	17	0															0					11-12
12 51	26.535	95.5	64.3	17	0															0	8	.030			12-13
13 49	26.515	96.1	64.6	17	0															0					13-14
14 50	26.500	96.6	65.0	18	0															0					14-15
15 50	26.490	98.2	65.6	17	0	0	CU	100												0	7	.045			15-16
16 46	26.480	96.6	65.0	18	0															0					16-17
17 45	26.480	94.8	64.3	18	0															0					17-18
18 48	26.485	91.0	63.0	20	0															0	5	.005			18-19
19 49	26.500	88.1	62.1	22	0															0					19-20
20 47	26.510	82.1	61.8	23	0															0					20-21
21 46	26.510	81.2	59.2	27	0															0	1	.025			21-22
22 45	26.530	78.5	58.0	28	0															0					22-23
23 51	26.540	76.6	57.1	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 03.46	X	0	0	X	80	72	X	X						X		
	0346	1	0	0	0	86	72		0								
	0945	2	0	0	0	93	70		0								
	1544	3	0	0	0	98	92		0								
	2143	4	0	0	0	98	81		0								
	MID.	X	0	0	0	81	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.515	26.565	26.490	26.510
BAROGRAPH 64	26.515	26.560	26.490	26.510
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 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
98	70	0	0	0	35	5	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: 1000 CLOCK OK 1910 PO K

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 AUG 2 5

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (14)
SA	0049	CLR	20			092	74	41	04	04		994	110	JK
SA	0146	CLR	20			095	77	45	09	07		995		JK
SA	0250	CLR	20			094	79	45	11	05		995		JK
SA	0347	CLR	20			098	78	45	10	06		997	308 74 RHDAT 20157	EP
SA	0447	CLR	20			107	76	46	12	04		999		EP
SA	0548	CLR	20			118	72	44	02	05		001		EP
SA	0649	CLR	20			118	80	46	11	03		002	115	EP
SA	0746	CLR	20			121	86	49	30	03		003		EP
SA	0849	CLR	20			120	93	49	22	12		004		EP
SA	0948	CLR	20			120	95	48	23	09		003	003 1130 70	EP
SA	1052	CLR	20			116	97	47	24	13		002		EP
SA	1146	CLR	20			112	97	47	23	15		000		EP
SA	1250	~~CLR~~ 100 SCT	20			105	101	53	22	12		999	~~710~~ 714 1100	EP
SA	1347	100 SCT	20			096	101	46	22	14	G21	997		EP
SA	1450	100 SCT	20			090	101	47	23	18	G24	995	TCU NE-SE	EP
SA	1548	100 SCT	20			088	99	49	23	106	22	994	CB ESTNRX / 714 1300 01	JK
													RHDAT 32151	JK
SA	1648	CLR	20			087	98	49	20	12		993	CB NE MOVG NE	JK
SA	1747	CLR	20			087	96	48	20	08		992	CB NE MOVG NE	JK
SA	1846	CLR	20			089	94	46	19	07		994	*502 1200 *CB MOVD NE	JK
SA	1949	CLR	20			096	90	48	18	07		996		JK
SA	2047	CLR	20			095	88	47	10	05		997		JK
SA	2148	CLR	20			098	86	47	06	05		998	312 01	JK
SA	2245	CLR	20			102	86	48	24	05		999		JK
SA	2345	CLR	20			107	82	49	36	03		000		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_dopp $6P_oP_oP_oP_o$ $7RRR_t$# $8N_sCh\ h_s$ $9SpSpspso$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 AUG 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 49	26.540	74.2	55.6	30	0															0	1	.030			00-01
01 46	26.550	76.8	58.1	32	0															0					01-02
02 50	26.550	79.1	59.1	30	0															0					02-03
03 47	26.565	78.4	58.9	31	0															0	3	.025			03-04
04 47	26.580	75.6	57.9	34	0															0					04-05
05 48	26.600	71.6	55.9	37	0															0					05-06
06 49	26.610	80.0	59.8	31	0															0	1	.045			06-07
07 46	26.620	86.0	63.0	28	0															0					07-08
08 49	26.625	92.9	65.4	23	0															0					08-09
09 48	26.620	95.0	65.5	20	0	0	CU	100	0	Ac	170	0								0	0	.010			09-10
10 52	26.610	96.5	65.7	19	0															0					10-11
11 46	26.595	97.1	65.6	18	0															0					11-12
12 50	26.580	100.5	69.1	21	1	1	CU	100												1	7	.040			12-13
13 47	26.560	100.5	66.5	16	1															1					13-14
14 50	26.545	100.6	66.9	17	1															1					14-15
15 48	26.540	99.0	67.0	18	1	1	CB	100												1	7	.040			15-16
16 48	26.530	98.3	67.0	19	0															0					16-17
17 47	26.520	96.2	65.8	19	0															0					17-18
18 46	26.535	93.9	64.2	19	0	0	CU	100												0	5	.005			18-19
19 49	26.555	89.8	63.8	24	0															0					19-20
20 47	26.560	88.2	63.1	25	0															0					20-21
21 48	26.570	86.2	62.2	26	0															0	3	.035			21-22
22 45	26.580	85.8	62.6	27	0															0					22-23
23 45	26.590	82.3	61.6	31	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	79	74	X	X						X		
	0343	1	0	0	0	81	74		0								
	0945	2	0	0	0	96	70		0								
	1544	3	0	0	0	101	95		0								
	2143	4	0	0	0	99	86		0								
	MID.	X	0	0	0	86	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.620	26.540	26.570
BAROGRAPH 64	26.565	26.620	26.540	26.570
BAR. CORR. 65	0	0	±.0	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	70	0	0	0	24	SW	1443					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 OK 1005 2010P OK

* BARAGRAPH CHANGED RESET 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 AUG 2 6

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	CLR	20			104	83	50	12	07		000	107	JK
SA	0145	CLR	20			102	80	51	07	03		999		JK
SA	0251	CLR	20			103	79	52	11	04		999		JK
SA	0349	CLR	20			105	76	52	29	03		999	603 76 RADAT 65147	EP
SA	0451	CLR	20			111	76	52	01	07		000		EP
SA	0547	~~CLR~~ 150 SCT	20			~~121~~ 124	75	50	17	04		003		EP
SA	0650	CLR	20			125	80	47	00	00		004	217 1030	EP
SA	0750	CLR	20			119	88	54	14	10		003		EP
SA	0848	CLR	20			118	92	53	03	06		003	CU BLDG OVR MTNS SE	EP
SA	0949	CLR	20			113	95	52	18	05		002	CB SE/807 1300 75	EP
SA	1050	100 SCT	20			110	97	52	15	13		001	TCU NE-SE	EP
SA	1146	100 SCT	20			103	98	52	12	11		999	TCU NE-SE	EP
SA	1249	100 SCT	20			094	99	53	14	05		997	TCU N-E-S/817 1200	EP
SA	1347	100 SCT	20			087	101	51	23	05		995	CB DSNT SE LTGCG	EP
/													DSNT SE	/
SA	1450	100 SCT	20			079	101	50	22	13		992	TCU NE-SE	EP
SA	1550	90 SCT	20			074	101	48	24	04		990	CB N-NE AND DSNT	[illegible]
—	—												SE MOVG NE / 720	—
—	—												1900 01 RADAT 00147	—
SA	1652	90 SCT	20			074	100	47	21	13		990	CB NE MOVG NE	[illegible]
SA	1752	90 SCT	20			076	98	46	23	08		990	CB NE MOVG NE	[illegible]
SA	1853	CLR	20			084	93	48	21	06		992	TCU NE/307 1200	[illegible]
SA	1948	CLR	20			089	89	45	03	06		994		[illegible]
SA	2052	CLR	20			087	91	46	10	11		994		[illegible]
SA	2153	CLR	20			087	87	47	12	10		994	107 01	[illegible]
SA	2253	CLR	20			087	84	48	12	08		994		[illegible]
SA	2354	CLR	20			088	82	48	29	03		994		[illegible]

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 AUG 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	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	83.0	62.6	32	0															0	1	.020			00-01
01 45	26.580	80.0	61.8	36	0															0					01-02
02 51	26.580	79.2	61.9	38	0															0					02-03
03 49	26.580	76.0	61.0	43	0															0	6	.010			03-04
04 51	26.595	76.4	61.0	42	0															0					04-05
05 47	26.615	75.2	60.0	42	2															2					05-06
06 50	26.630	80.1	60.3	32	0	0	Ac	150												0	2	.050			06-07
07 50	26.620	88.1	65.7	31	0															0					07-08
08 48	26.620	91.5	66.7	28	0															0					08-09
09 49	26.610	94.9	67.2	24	0	0	CB	100												0	8	.020			09-10
10 50	26.600	97.2	67.8	22	1															1					10-11
11 46	26.580	97.5	68.0	22	2															2					11-12
12 49	26.560	98.6	68.5	22	3	3	CU	100												3	8	.050			12-13
13 47	26.540	100.6	68.5	20	4															4					13-14
14 50	26.520	100.9	68.0	18	3															3					14-15
15 50	26.500	100.6	67.0	17	4	4	CB	90												4	7	.060			15-16
16 52	26.500	100.1	66.5	16	1															1					16-17
17 52	26.500	97.8	65.5	17	1															1					17-18
18 53	26.520	94.6	64.6	22	0	0	TCU	90												0	3	.020			18-19
19 48	26.540	89.2	62.4	22	0															0					19-20
20 52	26.540	91.3	63.7	21	0															0					20-21
21 53	26.540	87.3	62.5	25	0															0	1	.020			21-22
22 53	26.540	83.6	61.8	29	0															0					22-23
23 54	26.540	81.8	61.0	30	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	83	76	X	X						X		
	0345	1	0	0	0	86	76		0								
	0945	2	0	0	0	96	75		0								
	1546	3	0	0	0	101	95		0								
	2147	4	0	0	0	101	87		0								
	MID.	X	0	0	0	87	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1550	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.610	26.500	26.540
BAROGRAPH 64	26.575	26.610	26.505	26.530
BAR. CORR. 65	+.005	0	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
101	75	0	0	0	20	W	1501*					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: CLOCK OK 1035 CORRECT 2135

* LAST OF SEVERAL OCCURANCES

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 AUG 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. (Mb.) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (10's of deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS
SA	0051	CLR	20			088	81	48	09	06		994	400	EP
SA	0151	CLR	20			088	78	47	05	04		994		EP
SA	0251	CLR	20			084	78	48	02	06		993		EP
SA	0349	CLR	20			085	77	49	00	00		993	603 77 RADAT 42154	EP
SA	0449	CLR	20			091	77	48	00	00		995		EP
SA	0547	CLR	20			095	78	47	36	03		996		EP
SA	0650	CLR	20			102	82	50	09	05		998	214 1030 ~~77~~	EP
SA	0749	CLR	20			100	88	50	01	05		998		EP
SA	0847	CLR	20			094	92	51	06	06		997	TCU DSNT N	EP
SA	0949	CLR	20			092	95	54	16	04		996	CB OVR MTNS SE TCU	EP
/													NW-NE AND E/805 1900 Z	/
SA	1052	CLR	20			085	99	49	31	06		994	CB N-NE-SE	EP
SA	1147	100 SCT	20			076	101	47	30	06		992	CB N-E-SE	EP
SA	1250	100 SCT	20			067	102	47	29	07		989	CB N TCU N-E-SE/822	EP
/													1300	/
SA	1350	100 SCT	20			061	101	50	21	12		986	TCU NW-NE	EP
SA	1450	100 SCT	20			054	103	45	24	12		984	CB N AND SE	EP
SA	1551	100 SCT	20			046	103	43	23	13		982	CB NE AND SE RWU	EP
—	—												SE / 720 1900 03	—
—	—												RADAT 86147	—
SA	1649	100 SCT	20			046	102	41	23	13		982	CB NE-SE RWU SE	EP
SA	1755	100 SCT	20			047	99	40	19	09		982	CB NE-SE RWU NE-SE	EP
SA	1853	100 SCT	20			054	96	40	13	09		984	CB NE / 307 1900	EP
SA	1951	100 SCT	20			059	92	46	12	13		986	FGT LTGIC SE	EP
SA	2051	CLR	20			073	87	51	09	14	G20	990		EP
SA	2153	CLR	20			072	86	50	09	09		990	117 1400 03	EP
SA	2251	CLR	20			063	86	50	09	13		987		EP
SA	2347	CLR	20			066	86	49	07	06		988		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 $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆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 AUG 27

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.540	81.2	60.8	31	0															0	4	.000			00-01
01 51	26.530	77.7	59.4	34	0															0					01-02
02 51	26.520	77.9	59.6	34	0															0					02-03
03 49	26.530	77.2	59.9	37	0															0	6	.010			03-04
04 49	26.545	76.9	59.3	36	0															0					04-05
05 47	26.555	78.0	59.7	33	0															0					05-06
06 50	26.570	81.6	61.8	33	0	0	Ac	150												0	2	.040			06-07
07 49	26.590	88.1	64.0	27	0															0					07-08
08 47	26.560	91.6	65.5	25	0															0					08-09
09 49	26.555	95.0	66.8	23	0	0	CB	100												0	8	.015			09-10
10 52	26.535	98.8	66.9	19	0															0					10-11
11 47	26.515	101.0	67.0	16	2															2					11-12
12 50	26.490	101.7	67.1	16	1	1	CB	100												1	8	.065			12-13
13 50	26.465	100.5	66.7	16	1															1					13-14
14 50	26.450	102.5	66.8	15	1															1					14-15
15 51	26.430	102.6	66.0	13	1	1	CB	100												1	7	.060			15-16
16 49	26.430	101.7	65.0	12	1															1					16-17
17 55	26.430	99.0	64.0	13	1															1					17-18
18 53	26.450	96.2	63.1	14	1	1	CB	100												1	3	.020			18-19
19 54	26.465	91.6	63.8	21	2															2					19-20
20 51	26.500	87.2	64.1	29	0															0					20-21
21 53	26.500	86.2	63.7	29	0	0	SC	100												0	1	.050			21-22
22 54	26.480	85.9	63.5	29	0															0					22-23
23 47	26.490	85.8	62.8	28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		82	77										
	0345	1	0	0	0	87	77		0								
	0945	2	0	0	0	95	75		0								
	1547	3	0	0	0	103	95		0								
	2149	4	0	0	0	103	86		0								
	MID.		0	0	0	87	86										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0846	0946	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.555	26.430	26.500
BAROGRAPH 64	26.520	26.545	26.430	26.490
BAR. CORR. 65	+.010	+.010	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	75	0	0	0	27	SE	1805					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 OK 1015 CORRECT 2125

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 AUG 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	0053	CLR	20			064	81	48	33	07		987	607	[illegible]
SA	0150	CLR	20			068	79	48	19	03		988		[illegible]
SA	0250	CLR	20			069	77	47	07	05		988		[illegible]
SA	0347	CLR	20			070	75	46	07	04		989	103 75 RADAT 69147	RD
SA	0450	E65 BKN	20			072	77	47	05	05		990		RD
SA	0548	65 SCT	20			079	75	47	35	04		991		RD
SA	0650	65 SCT	20			084	82	49	12	03		993	212 1100	RD
SA	0748	65 SCT	20			085	84	49	23	03		993		RD
SA	0850	65 SCT	20			084	88	50	36	03		993		RD
SA	0949	65 SCT	20			080	93	48	29	08		992	802 1100 74	RD
SA	1049	65 SCT	20		070	075	98	44	20	10		990		RD
SA	1149	70 SCT	20			065	99	46	19	12		988		RD
SA	1248	70 SCT	20			060	99	46	18	17		986	719 1100	RD
SA	1347	E 70 BKN	20			050	100	49	22	15		983		RD
SA	1450	70 SCT	20			047	100	46	21	17		982		RD
SA	1553	70 SCT	20			044	101	44	23	12		981	TCU NE/715 1200 03	[illegible]
—	—												RADAT 52149	—
SA	1652	80 SCT	20			044	99	44	24	11		981	TCU DSNT NE	[illegible]
SA	1751	80 SCT	20			043	97	45	21	15		980		[illegible]
SA	1851	80 SCT	20			044	94	45	24	11		981	500 1400	[illegible]
SA	1951	CLR	20			052	91	42	24	08		983		[illegible]
SA	2049	CLR	20			056	86	42	09	05		984		[illegible]
SA	2153	CLR	20			055	86	41	11	05		984	110 03	[illegible]
SA	2250	CLR	20			057	85	43	11	05		985		[illegible]
SA	2345	CLR	20			056	83	42	35	08		985		[illegible]

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 AUG 28

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.480	80.7	60.7	32	0															0	6	.020			00-01
01 50	26.490	78.7	60.1	34	0															0					01-02
02 50	26.490	77.2	59.1	34	0															0					02-03
03 47	26.490	75.4	58.2	36	0															0	1	.010			03-04
04 50	26.500	77.0	59.0	34	6															6					04-05
05 48	26.510	75.1	58.2	37	5															5					05-06
06 50	26.525	81.8	61.4	32	3	3	Cu	65												3	2	.035			06-07
07 48	26.530	84.4	62.6	30	2															2					07-08
08 50	26.525	88.0	64.0	27	3															3					08-09
09 49	26.520	92.6	64.8	22	2	2	Cu	65												2	8	.005			09-10
10 49	26.500	98.0	65.0	16	1															1					10-11
11 49	26.485	98.8	66.0	17	4															4					11-12
12 48	26.465	99.4	66.1	17	4	4	Cu	70												4	7	.055			12-13
13 47	26.440	100.2	67.5	18	6															6					13-14
14 50	26.430	100.4	66.4	16	3															3					14-15
15 53	26.420	100.6	65.6	14	3	3	Cu	70												3	7	.045			15-16
16 52	26.420	99.3	65.3	15	1															1					16-17
17 51	26.410	97.0	64.8	17	1															1					17-18
18 51	26.420	93.9	64.1	19	1	1	Sc	80												1	5	.000			18-19
19 51	26.440	90.7	61.7	18	0															0					19-20
20 49	26.450	85.8	60.0	21	0															0					20-21
21 53	26.450	85.5	59.8	21	0															0	1	.030			21-22
22 50	26.460	85.3	60.2	22	0															0					22-23
23 45	26.460	83.2	59.2	23	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	86	75	X	X						X		
	0340	1	0	0	0	87	75		0								
	0943	2	0	0	0	93	74		0								
	1549	3	0	0	0	103	93		0								
	2149	4	0	0	0	101	86		0								
	MID.	X	0	0	0	86	83	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.520	26.420	26.450
BAROGRAPH 64	26.480	26.520	26.420	26.440
BAR. CORR. 65	+.010	±0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'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
103	74	0	0	0	27	SW	1428					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: 0755 ok / CORRECT 1745

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 AUG 29

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SIGNERS INITIALS (14)
SA	0054	CLR	20			062	80	43	07	05		986	207	KG
SA	0149	CLR	20			063	78	42	09	03		986		KG
SA	0250	CLR	20			062	78	43	10	03		986		KG
SA	0350	CLR	20			056	80	44	09	03		986	803 78 RADAT 85144	RD
SA	0448	CLR	20			058	82	46	12	03		986		RD
SA	0551	250 -SCT	20			065	78	48	03	08		987		RD
SA	0649	250 -SCT	20			070	85	46	01	03		989	210 1055	RD
SA	0749	100 SCT 250 -SCT	20			072	90	46	23	06		990		RD
SA	0851	250 - SCT	20			072	95	46	20	18		990		RD
SA	0950	250 - SCT	20			074	97	45	18	10	G19	991	305 1051 78	RD
SA	1049	250 - BKN	20			069	98	44	20	20		989		RD
SA	1148	70 SCT 250 - SCT	20			059	101	44	20	18		987		RD
SA	1249	70 SCT 250 - SCT	20			055	101	46	21	21		986	715 1101	RD
SA	1350	70 SCT 250 - SCT	20			053	100	46	23	10		984		RD
SA	1450	70 SCT 250 - SCT	20			046	101	47	22	13		982		RD
SA	1555	70 SCT 250 SCT	20			037	100	46	21	15	G22	980	717 1101 03 RADAT 40154	KG
SA	1653	80 SCT 250 SCT	20			034	100	45	22	15	G21	979	TCU DSNT E	KG
SA	1753	80 SCT 250 SCT	20			036	97	45	21	14		979		KG
SA	1845	CLR	20			035	95	44	23	12		979	603 1401	KG
SA	1947	CLR	20			041	91	43	22	09		981		KG
SA	2046	CLR	20			044	89	43	22	07		982		KG
SA	2146	CLR	20			048	87	42	21	08		983	214 03	KG
SA	2248	CLR	20			048	85	44	25	03		983		KG
SA	2345	CLR	20			047	87	41	19	07		983		KG

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

☆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 AUG 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	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	26.470	79.6	58.2	27	0															0	2	.020				00-01
01 49	26.470	77.9	57.3	28	0															0						01-02
02 50	26.470	78.3	58.0	29	0															0						02-03
03 50	26.460	80.4	59.2	28	0															0	8	.010				03-04
04 48	26.465	82.0	60.2	28	0															0						04-05
05 51	26.475	78.4	58.0	29	2															0						05-06
06 49	26.490	84.7	61.3	26	5	0	Ac	100	5	Ci	250	5								1	2	.030				06-07
07 49	26.500	90.1	63.3	22	5															1						07-08
08 51	26.500	95.2	64.8	19	3															0						08-09
09 50	26.505	97.0	65.0	17	3	0	Ac	100	3	Ci	250	3								0	3	.015				09-10
10 49	26.490	99.6	65.0	17	6															1						10-11
11 48	26.470	100.6	66.1	15	3															1						11-12
12 49	26.460	101.2	66.8	16	4	2	Cu	70	2	Ci	250	4								2	7	.045				12-13
13 50	26.445	99.8	66.1	16	3															1						13-14
14 50	26.430	100.8	67.0	17	3															1						14-15
15 55	26.410	100.3	66.2	16	4	2	Cu	70	2	Ci	250	4								3	7	.050				15-16
16 53	26.400	99.8	65.8	16	2															2						16-17
17 53	26.400	97.0	65.0	17	1															1						17-18
18 45	26.400	94.6	63.8	18	0	0	Sc	80	0	Ci	250	0								0	6	.010				18-19
19 47	26.420	91.1	62.4	19	0															0						19-20
20 46	26.430	88.8	61.4	20	0															0						20-21
21 46	26.440	86.7	60.5	21	0															0	2	.040				21-22
22 48	26.440	85.1	60.5	23	0															0						22-23
23 45	26.440	86.5	60.1	20	0															0						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		83	78										
	0345	1	0	0	0	86	78		0								
	0940	2	0	0	0	97	78		0								
	1551	3	0	0	0	103	97		0								
	2142	4	0	0	0	101	87		0								
	MID.		0	0	0	87	85										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1555	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.505	26.410	26.440
BAROGRAPH 64	26.465	26.505	26.410	26.425
BAR. CORR. 65	-.005	±0	0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	78	0	0	0	30	SW	1353					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: 0755 OK / CORRECT 1735

CHANGE AND RESET MICROBAROGRAPH AT 0947 LST

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 AUG 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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (100-°) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS
SA	0050	CLR	20			043	88	40	20	06		982	803	NG
SA	0150	CLR	20			041	83	41	18	08		981		NG
SA	0250	CLR	20			041	82	36	19	07		981		NG
SA	0346	CLR	20			041	83	36	18	04		981	703 81 RADAT 72L580575547	JD
SA	0449	CLR	20			040	84	37	20	10		981		JD
SA	0547	CLR	20			039	85	35	18	10		981		JD
SA	0650	CLR	20			041	88	33	18	14	G22	981	500 1030	JD
SA	0748	CLR	20			040	91	32	19	15	G25	981		JD
SA	0848	CLR	20			045	94	32	18	17	G24	982		JD
SA	0947	CLR	20			045	95	34	19	12	G24	982	003 1035 81	JD
SA	1047	CLR	20			043	97	32	22	12	G30	982		JD
SA	1146	CLR	20			036	98	32	23	21		980		JD
SA	1248	CLR	20			033	98	32	22	19	G30	979	710 1200	JD
SA	1349	CLR	20			022	98	31	23	14		975		JD
SA	1450	CLR	20			019	99	28	24	14	G28	974		JD
SA	1547	CLR	20			014	98	31	21	20	G29	973	717 1100 00 RADAT 20157	LEF
SA	1648	CLR	20			010	97	24	20	20		972		LEF
SA	1749	CLR	20			009	94	25	20	12		972		LEF
SA	1845	CLR	20			016	91	23	18	09		973	500	LEF
SA	1948	CLR	20			025	84	25	30	02		976		LEF
SA	2045	CLR	20			031	78	19	29	03		977		LEF
SA	2147	CLR	20			029	80	25	27	06		977	110 00	LEF
SA	2249	CLR	20			029	81	30	27	07		977		LEF
SA	2348	CLR	20			035	73	24	27	07		978		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 $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh\ h_s$ $9SpSpsosp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

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 AUG 30

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.430	87.7	60.2	19	0															0	8	.010			00-01
01 50	26.420	85.3	58.8	22	0															0					01-02
02 50	26.420	81.6	57.3	21	0															0					02-03
03 46	26.420	83.0	57.1	18	0															0	7	.010			03-04
04 49	26.420	83.8	57.7	19	0															0					04-05
05 47	26.415	85.4	57.7	16	0															0					05-06
06 50	26.420	88.1	58.1	14	0	0	Ac	120												0	5	.000			06-07
07 48	26.415	90.6	58.9	13	0															0					07-08
08 48	26.430	93.7	59.8	11	0															0					08-09
09 47	26.430	94.6	60.7	12	0	0	Ac	120	0	Ci	250	0								0	0	.010			09-10
10 47	26.425	96.7	61.0	10	0															0					10-11
11 46	26.410	97.9	61.4	10	0															0					11-12
12 48	26.400	98.2	61.5	10	0	0	Cu	100												0	7	.030			12-13
13 49	26.370	98.1	61.2	9	0															0					13-14
14 50	26.360	99.0	60.9	8	0															0					14-15
15 47	26.350	98.0	61.1	9	0	0	Cu	100												0	7	.050			15-16
16 48	26.340	97.3	59.4	7	0															0					16-17
17 49	26.335	94.2	58.4	8	0															0					17-18
18 45	26.350	91.1	56.9	8	0															0	5	.000			18-19
19 48	26.370	84.2	54.8	12	0															0					19-20
20 45	26.380	77.5	50.8	11	0															0					20-21
21 47	26.380	80.0	53.0	13	0															0	1	.030			21-22
22 49	26.380	81.1	54.8	16	0															0					22-23
23 45	26.390	72.8	49.8	16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342		0	0		89	81										
	0342	1	0	0	0	89	81		0								
	0944	2	0	0	0	95	83		0								
	1542	3	0	0	0	100	95		0								
	2142	4	0	0	0	98	76		0								
	MID.		0	0	0	81	73										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.430	26.350	26.380
BAROGRAPH 64	26.405	26.420	26.340	26.370
BAR. CORR. 65	+.015	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	73	0	0	0	35	SW	1507					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: 0520 P 2 SEC SLOW 2310 2 SLOW

MF1-10B

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 AUG 31

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

TYPE (1)	TIME LST (2)	SKY AND CEILING Hundreds of Feet (3)	VISIBILITY Miles: SURFACE (4)	VISIBILITY Miles: TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. Mbs. (6)	TEMP °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING Inches (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0048	CLR	20			039	76	23	22	02		980	308	LEF
SA	0145	CLR	20			041	76	26	28	04		980		LEF
SA	0250	CLR	20			045	70	29	36	08		980		LEF
SA	0350	CLR	20			048	71	27	04	06		981	205 69 RADAT 20152	JD
SA	0447	CLR	20			058	69	30	04	07		984		JD
SA	0549	CLR	20			069	69	28	03	07		986		JD
SA	0649	CLR	20			076	73	31	10	02		988	224	JD
SA	0747	CLR	20			078	79	33	23	03		989		JD
SA	0847	CLR	20			085	83	37	24	04		991		JD
SA	0948	CLR	20			084	86	36	26	04		991	107 68	JD
SA	1049	CLR	20			079	89	36	22	05		991		JD
SA	1149	250 -SCT	20			075	94	36	17	08		988		JD
SA	1248	CLR	20			068	94	36	24	12		987	812 1005	JD
SA	1348	CLR	20			058	94	36	23	11		984		JD
SA	1450	CLR	20			057	96	36	22	14		983		JD
SA	1549	CLR	20			058	96	27	22	10		984	710 96 RADAT 30152	LEF
SA	1647	CLR	20			058	94	26	26	11		983		LEF
SA	1746	CLR	20			059	92	26	21	10		983		LEF
SA	1849	CLR	20			064	86	27	28	03		984	302	LEF
SA	1950	CLR	20			073	81	14	02	05		987		LEF
SA	2045	CLR	20			070	81	18	36	05		987		LEF
SA	2146	CLR	20			073	76	25	03	05		987	308 96	LEF
SA	2248	CLR	20			073	74	27	09	03		987		LEF
SA	2345	CLR	20			070	71	26	03	09		987		LEF
$														

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

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

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 AUG 3

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.405	76.0	51.0	14	0															0	3	025			00-01
01 45	26.410	75.8	51.5	15	0															0					01-02
02 50	26.410	70.2	49.9	21	0															0					02-03
03 50	26.420	71.1	49.8	19	0															0	2	.015			03-04
04 47	26.445	69.2	49.8	23	0															0					04-05
05 49	26.470	68.9	49.3	22	0															0					05-06
06 49	26.490	73.4	51.8	21	0															0	2	.070			06-07
07 47	26.495	78.5	54.6	19	0															0					07-08
08 47	26.510	83.2	57.5	19	0															0					08-09
09 48	26.510	86.3	58.4	17	0															0	1	.020			09-10
10 49	26.505	88.5	59.1	15	0															0					10-11
11 49	26.485	93.7	61.1	13	1															0					11-12
12 48	26.475	93.8	61.1	13	0	0	C	250												0	8	.035			12-13
13 48	26.450	93.8	60.9	13	0															0					13-14
14 50	26.440	95.7	61.3	13	0															0					14-15
15 49	26.445	95.8	59.5	9	0															0	7	030			15-16
16 47	26.440	94.3	58.8	9	0															0					16-17
17 46	26.440	92.0	58.0	9	0															0					17-18
18 49	26.450	86.0	55.8	12	0															0	3	.005			18-19
19 50	26.470	81.0	51.4	8	0															0					19-20
20 45	26.470	81.4	52.2	9	0															0					20-21
21 46	26.475	75.6	51.4	16	0															0	3	025			21-22
22 48	26.475	73.8	51.0	17	0															0					22-23
23 45	26.475	71.2	49.6	18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	77	69	X	X						X		
	0345	1	0	0	0	81	69		0								
	0945	2	0	0	0	86	68		0								
	1548	3	0	0	0	96	86		0								
	2141	4	0	0	0	96	75		0								
	MID.	X	0	0	0	76	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.510	26.445	26.475
BAROGRAPH 64	26.405	26.495	26.435	26.460
BAR. CORR. 65	+.015	+.015	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	68	0	0	0	22	SW	1230					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: 0553P 3 SEC SLOW 2315 2 SEC SLOW