WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: FEBRUARY

YEAR: 1989

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: PACIFIC

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED KTS	PEAK SPEED KTS	PEAK DIRECTION	SUNSHINE AVG STATION PRESS. (INS)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	62	39	51		14					12.2	38	SW	26.34		6		39	24	20	38
2	56	39	48		17					12.3	34	S	26.38		9		44	30	23	25
3	53	37	45		20					16.7	43	SW	26.43		6		34	33	32	56
4	51	30	41		24		T	T		18.8	49	SW	26.33		10	RW SW	63	65	48	51
5	31	16	24		41					15.6	33	NE	26.63		7		46	38	30	41
6	30	11	21		44					13.4	26	NE	26.83		0		42	29	19	37
7	34	14	24		41					9.8	22	SE	26.83		9		37	27	18	33
8	32	26	29		36		.02	T		10.1	17	E	26.89		10	S	33	71	82	75
9	45	31	38		27		.08			9.1	19	E	26.87		10	R	72	76	73	98
10	53	35	44		21		.05			5.8	14	SW	26.86		9	R	100	76	57	89
11	52	31	42		23					5.3	16	N	26.74		6		92	56	44	73
12	48	26	37		28		T	T		5.3	22	NW	26.60		6	RW SW	96	47	33	61
13	49	26	38		27					7.8	18	NE	26.56		1		56	39	29	45
14	49	25	37		28					6.0	17	NE	26.66		0		51	36	23	47
15	55	24	40		25					3.9	14	SE	26.85		1		51	28	19	40
16	58	28	43		22					4.6	13	E	26.86		9		45	24	20	36
17	63	36	50		15					5.4	13	NE	26.81		8		39	23	17	35
18	66	31	49		16					5.2	22	SW	26.58		8		50	26	17	30
19	67	37	52		13					8.0	20	SW	26.47		3		37	33	18	29
20	62	34	48		17					9.2	19	NE	26.72		0		51	26	18	36
21	66	41	54		11					7.4	20	NE	26.89		3		42	28	17	32
22	71	38	55		10					5.2	15	SE	26.86		10		41	28	18	39
23	72	42	57		8					7.4	21	S	26.72		10		51	27	21	33
24	78	44	61		5					6.7	29	SW	26.70		7		44	25	14	12
25	76	51	64		1					8.7	21	SW	26.74		7		20	14	18	22
26	76	52	64		1					7.3	20	SW	26.65		6		32	27	22	30
27	72	46	59		6					7.8	22	W	26.53		0		29	22	14	18
28	68	36	52		13					4.0	17	SW	26.43		0		21	13	18	28
29																				
30																				
31																				
SUM	1595	926	—	—	553		0.15		—	239.0	—	—	746.76	—	162	—				
AVG	57.0	33.1	—	—	—	—	—	—	—	8.5	FASTEST	DIRECTION	POSSIBLE	%		—	1352	985	782	1189
										MISC. →	49	SW	26.67		5.8	—	48	35	28	42

TEMPERATURE DATA

AVERAGE MONTHLY 45.0

DEPARTURE FROM NORMAL -2.6

HIGHEST 78 ON 24

LOWEST 11 ON 6

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 3

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 13

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 553

DEPARTURE FROM NORMAL +68

SEASONAL TOTAL 2343

DEPARTURE FROM NORMAL -21

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL -1

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL -1

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.15 IN.

DEPARTURE FROM NORMAL -0.40 IN.

GREATEST IN 24 HRS. 0.08 ON 9

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. 0 ON

GREATEST DEPTH ON GROUND 0 ON

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 9

PARTLY CLOUDY (Scale 4–7) 8

CLOUDY (Scale 8–10) 11

WITH 0.01 INCH OR MORE PRECIP. 3

WITH 0.10 INCH OR MORE PRECIP. 0

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

1 = FOG
2 = FOG WITH VISIBILITY ¼ MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = GLAZE OR RIME
7 = DUSTSTORM OR SANDSTORM
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

MAXIMUM PRECIPITATION

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

HIGHEST STATION 26.95 IN. ON 22 & 8

LOWEST STATION 26.23 IN. ON 1

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

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 1 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	250 -OVC	20			102	40	15	35	05		986	614 1007	MR
SA	0154	250 -OVC	20			100	42	18	03	03		986		MR
SA	0252	250 -OVC	20			097	40	18	04	06		985		MR
SA	0353	E200 OVC	20			086	42	19	35	04		983	812 1007 39 RADAT	JS
/													48L092109	/
SA	0458	E200 OVC	20			085	44	20	14	07		982		JS
SA	0550	200 SCT	20			079	44	20	10	04		980		JS
SA	0650	200 SCT	20			077	41	21	10	06		977	815 1008	JS
SA	0753	CLR	20			080	45	20	18	08		978		JS
SA	0853	CLR	20			084	53	21	12	07		981		JS
SA	0953	250 SCT	20			074	57	21	19	20	G30	979	003 1008 39	JS
SA	1053	250 - BKN	20			065	57	19	21	20	G30	976		JS
SA	1154	E250 BKN	20			055	60	18	22	10	G29	973	PK WND 2236/18	JS
SA	1251	E250 BKN	20			046	60	18	21	17	G32	971	725 1008	JS
SA	1356	E250 BKN	20			028	59	18	19	20	G34	965	PRESFR	JS
SA	1450	E200 BKN	20			022	60	19	22	18	G33	963		JS
SA	1554	E200 OVC	20			016	61	19	21	14	G25	962	PK WND 2237/09 625	/
/													1007 62 RADAT 44L 087	/
/													101106	HS
SA	1650	200 - BKN	20			009	59	21	20	18	G34	960	PK WND 2338/23	HS
SA	1750	CLR	20			014	58	21	19	22	G32	961	FEW CS	HS
SA	1851	CLR	20			020	56	22	22	16	G25	962	500	HS
SA	1951	CLR	20			022	54	25	23	12		963		HS
SA	2051	CLR	20			021	54	28	21	18	G28	964		HS
SA	2152	CLR	20			025	52	27	23	05		965	210 62	HS
SA	2250	CLR	20			016	52	30	20	14	G29	963		HS
SA	2350	CLR	20			027	51	32	22	18	G25	966		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

(4-8..)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE FEB 1 1989

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 54	26.470	40		36	10	10	CS	250												3	6	.040			00-01
01 54	26.470	42		38	10															4					01-02
02 52	26.460	40		41	10															3					02-03
03 53	26.435	42		39	10	10	CS	E200												6	8	.035			03-04
04 58	26.430	44		39	10															8					04-05
05 50	26.410	44		38	2															2					05-06
06 50	26.390	[illegible]	41	44	1	1	CS	200												1	8	.045			06-07
07 53	26.395	45		35	0															0					07-08
08 53	26.420	[illegible]	53	29	0															0					08-09
09 53	26.400	[illegible]	51	24	1	1	CS	250												1	0	.010			09-10
10 53	26.380	57		22	8															3					10-11
11 54	26.350	[illegible]	60	19	8															5					11-12
12 51	26.325	60		19	9	9	CS	E250												8	7	.075			12-13
13 56	26.280	[illegible]	59	20	8															8					13-14
14 50	26.260	[illegible]	60	20	9															8					14-15
15 54	26.250	[illegible]	61	20	10	10	CS	E200												9	6	.075			15-16
16 50	26.230	[illegible]	59	22	7															3					16-17
17 50	26.240	58		24	0															0					17-18
18 51	26.250	56		26	0															0	5	.000			18-19
19 51	26.260	[illegible]	54	32	0															0					19-20
20 51	26.270	54		36	0															0					20-21
21 52	26.280	[illegible]	52	38	0															0	2	.030			21-22
22 50	26.260	52		42	0															0					22-23
23 50	26.290	51		48	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	43	39	X	X						X		
	0349	1	0	0	0	50	39		0								
	0950	2	0	0	0	58	39		0								
	1552	3	0	0	0	62	57		0								
	2150	4	0	0	0	61	50		0								
	MID.	X	0	0	0	53	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.435	26.400	26.250	26.280
BAROGRAPH 64	26.420	26.390	26.260	26.290
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	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	39	0	0	0	38	SW	1623					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0646 SUNSET 1709

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 TO NEAREST MINUTE AT: / 0957 / / 1955 /

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 2 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0053	CLR	20			029	50	33	20	14	G25	966	303	HS
SA	0150	CLR	20			032	50	32	19	15	G24	967		HS
SA	0252	CLR	20			032	49	28	24	13		967		HS
SA	0351	CLR	20			040	48	27	20	14		970	310 48 RADAT 20087	CRD
SA	0457	CLR	20			042	47	23	23	05 G17		970		CRD
SA	0550	CLR	20			043	46	22	24	12		970		CRD
SA	0650	250-BKN	20			059	40	23	29	05		973	310 1001	CRD
SA	0756	250-BKN	20			071	47	20	24	06		977		CRD
SA	0859	250-BKN	20			078	49	25	36	04		980		CRD
SA	0952	250-BKN	20			081	53	22	23	06		981	224 1001 ~~48~~ 39	CRD
SA	~~0958~~	250-BKN	20			083	54	15	22	12 G23		982		CRD
SA	1153	250-BKN	20			083	54	18	21	15 G25		981		CRD
SA	1250	250-OVC	20			074	55	18	20	21 G29		979	807 1007	CRD
SA	1358	250-OVC	20			073	55	21	19	21 G32		979		CRD
SA	1453	250-OVC	20			070	56	19	19	23 G33		977		CRD
SA	1551	250-OVC	20			067	54	18	20	19	G26	976	807 1007 56 RADAT	/
/													30L076089	HS
SA	1650	250-OVC	20			068	53	13	19	09	G23	976		HS
SA	1750	250-OVC	20			069	51	14	18	08		976		HS
SA	1851	250-SCT	20			078	50	12	20	18		977	303 1008	HS
SA	1951	250-SCT	20			082	49	12	22	07		980		HS
SA	2050	CLR	20			087	48	9	21	12		982	CS SE	HS
SA	2151	250 SCT	20			090	48	14	22	17	G24	983	217 1008 56	HS
SA	2250	250 SCT	20			094	48	15	23	13	G22	984		HS
SA	2350	E250 BKN	20			101	45	14	19	07		985		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK, NEVADA

SURFACE WEATHER OBSERVATIONS

DATE FEB 2 1989

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	26.290	50		51	0															0	3	.010			00-01
01 50	26.300	50		50	0															0					01-02
02 52	26.300	49		45	0															0					02-03
03 51	26.320	48		44	0															0	3	.030			03-04
04 57	26.320	47		39	0															0					04-05
05 50	26.320	46		38	0															0					05-06
06 50	26.350	40		50	8	8	Ci	250												3	3	.030			06-07
07 56	26.390	47		34	8															3					07-08
08 59	26.410	49		39	8															3					08-09
09 52	26.420	53		30	8	8	Ci	250												3	2	.070			09-10
10 58	26.430	54		21	8															3					10-11
11 53	26.420	54		24	9															3					11-12
12 50	26.400	55		23	10	10	Cs	250												3	8	.020			12-13
13 58	26.400	55		26	10															3					13-14
14 53	26.390	56		24	10															3					14-15
15 51	26.380	54		23	10	10	Cs	250												4	8	.020			15-16
16 50	26.380	53		20	10															4					16-17
17 50	26.380	51		23	10															5					17-18
18 51	26.390	50		22	5	5	Cs	250												2	3	.010			18-19
19 51	26.410	49		22	3															1					19-20
20 50	26.425	48		21	0															0					20-21
21 51	26.440	48		25	1	1	Cs	250												1	2	.050			21-22
22 50	26.450	48		27	1															1					22-23
23 50	26.460	49		28	8															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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	51	48	X	X						X		
	0348	1	0	0	0	53	48		0								
	0947	2	0	0	0	53	39		0								
	1549	3	0	0	0	56	53		0								
	2149	4	0	0	0	54	44		0								
	MID.	X	0	0	0	49	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.320	26.420	26.380	26.440
BAROGRAPH 64	26.330	26.420	26.380	26.435
BAR. CORR. 65	-.010	0*	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 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
56	39	0	0	0	34	S	1235					9	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0645 SUNSET 1710

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 TO NEAREST MINUTE AT: 10600 / 1855 /

* BAROGRAPH CHART CHANGED.

MF1-10A (5-83)

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

STATION WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE FEB 3 1989

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 INITIALS (15)
SA	0051	E250 BKN	20			098	46	14	20	08		985	107 1008	HS
SA	0151	E250 OVC	20			098	46	14	19	07		985		HS
SA	0250	E250 OVC	20			098	46	16	22	16	G24	985		HS
SA	0352	160 SCT E2500VC	20			095	45	18	21	18		984	803 1077 41 RADAT 33064	CRD
SA	0453	E160BKN 250 OVC	20			097	43	18	21	04		984		CRD
SA	0553	160 SCT E250 BKN	20			105	38	17	13	07		985		CRD
SA	0653	160 SCT 250 SCT	20			109	38	17	32	03		986	307 1077	CRD
SA	0750	160 SCT 250 SCT	20			111	43	18	17	10	G19	989		CRD
SA	0850	160 SCT	20			119	46	21	19	20	G27	991		CRD
SA	0956	160 SCT	20			119	48	20	19	13	G23	991	114 1070 37	CRD
SA	1050	160 SCT 250-BKN	20			111	50	20	18	21	G28	988		CRD
SA	1150	160 SCT 250-BKN	20			105	51	18	20	16	G28	986		CRD
SA	1251	160 SCT E250 BKN	20			090	51	21	19	26	G37	982	ACSL SE-S PK WND 1937/43	CRD
/													727 1046	/
SA	1350	160 SCT E250 BKN	20			080	52	22	20	26	G37	980	FEW SC SE ACSL SE-S	CRD
/													PK WND 2141/31	/
SA	1450	90 SCT 160 SCT E250 BKN	20			076	53	22	20	16	G31	979	ACSL SE-S PK WND 2039/02	CRD
SA	1552	50 SCT 150 SCT E250 BKN	20			078	51	22	22	23	G34	979	ACSL SE PK WND 2239/32	/
/													610 1548 53 RADAT 53065	HS
SA	1650	50 SCT 150 SCT 250-BKN	20			072	49	20	20	22	G32	976	ACSL SE PK WND 2236/03	HS
SA	1750	250 SCT	20			073	47	24	22	21	G35	975	FEW SC AC PK WND 2141/33	HS
SA	1851	250 SCT	20			086	46	28	22	19	G30	979	PK WND 2237/30	HS
/													500 1008	/
SA	1951	150 SCT 250 SCT	20			082	45	30	20	24	G34	979	PK WND 2139/17	HS
SA	2052	E150 BKN	20			077	45	31	20	20	G34	977	PK WND 2143/37	HS
SA	2152	40 SCT 150 SCT	20			075	45	30	21	20	G32	977	PK WND 2040/15 603	/
/													1570 53	HS
SA	2252	40 SCT 150 SCT	20			074	44	28	20	24	G38	977	PK WND 2038/47	HS
SA	2350	40 SCT 150 SCT	20			066	43	28	21	16	G29	975	~~20~~ PK WND 2039/16	HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iiii $i_R i_x hVV$ Ndaff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE FEB 3 1989

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	26.460	46		28	7	7	Cs	E250												4	1	.020			00-01
01 51	26.460	46		28	10															8					01-02
02 50	26.460	46		29	10															10					02-03
03 52	26.450	45		34	10	4	Ac	160	6	Cs	E250	10								10	8	.010			03-04
04 53	26.450	43		36	10															10					04-05
05 53	26.460	38		42	8															7					05-06
06 53	26.470	38		42	3	2	Ac	160	1	Ci	250	3								3	3	.020			06-07
07 50	26.480	43		36	3															2					07-08
08 50	26.510	46		37	1															1					08-09
09 56	26.510	48		33	1	1	Ac	160												1	1	.040			09-10
10 50	26.490	50		30	8															3					10-11
11 50	26.470	51		27	8															4					11-12
12 51	26.430	51		31	8	3	Ac	160	5	Cs	E250	8								7	7	.080			12-13
13 50	26.410	52		31	8															7					13-14
14 50	26.400	53		30	8															7					14-15
15 52	26.400	51		32	9	2	Sc	50	2	Ac	150	4	5	Cs	E250	9				9	6	.030			15-16
16 50	26.380	49		31	6															3					16-17
17 50	26.370	47		40	2															2					17-18
18 51	26.400	46		48	2	2	Cs	250												2	5	.000			18-19
19 51	26.400	45		54	3															3					19-20
20 52	26.390	45		58	6															6					20-21
21 52	26.390	45		56	4	1	Sc	40	3	Ac	150	4								4	6	.010			21-22
22 52	26.390	49		53	2															2					22-23
23 50	26.370	43		55	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	46	41	X	X						X		
	0348	1	0	0	0	49	41		0								
	0949	2	0	0	0	40	37		0								
	1550	3	0	0	0	53	48		0								
	2150	4	0	0	0	51	44		0								
	MID.	X	0	0	0	45	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0955	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.510	26.400	26.390
BAROGRAPH 64	26.445	26.505	26.390	26.385
BAR. CORR. 65	+.005	+.005	+.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 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
53	37	0	0	0	43	SW	2037					6	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0645 SUNSET 1711

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 TO NEAREST MINUTE AT: 10800 / 19001

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 4 1989

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	40SCT 150 SCT	20			066	44	30	20	22	G30	975	PK WND 2140/26 807 1570	HS
SA	0152	40 SCT 150 SCT	20			063	44	31	20	34	G40	974	PK WND 2040/43	HS
SA	0252	40 SCT 150 SCT	20			059	44	32	21	18	G34	973	PK WND 2138/32	HS
SA	0351	40 SCT 150 SCT 250-OVC	20			051	45	32	21	21 G 33		971	PK WND 2136/08 / 714 1577	CRD
/													43 RADAT 79059	/
SA	0454	M 35 BKN 150 OVC	20			044	46	33	20	23 G 37		969	PK WND 2037/49	CRD
SA	0552	M33 OVC	20			037	46	33	22	22 G 35		966	PK WND 2239/38	CRD
SA	0657	M35 OVC	20			026	47	34	22	21 G 41		963	PK WND 2241/53 / 724 15//	CRD
SA	0755	M35 OVC	20			023	47	35	21	30 G 41		962	SWU SE PK WND 2145/21	CRD
SA	0850	M33 OVC	20			022	48	35	21	32 G 49		962	SWU SE PK WND 2149/48	CRD
SP	0944	M 28 OVC	20		RW-				20	30 G 43		962	RB43 PCPN VRY LGT	CRD
SA	0954	M 28 OVC	20			024	47	36	21	30 G 43		962	RB43E48 SWU SE-S PK WND	CRD
/													2047/34/60300 15// 43	/
RS	1055	M35 BKN 250 BKN	20			023	47	31	24	17 G 30		962	PK WND 2236/16	CRD
SA	1150	35 SCT E250 BKN	20			022	49	30	25	14 G 24		962		CRD
SP	1233	35 SCT E250 BKN	20						36	12 G 23		964	WSHFT 30 APRNT FROPA	CRD
SA	1250	M35 BKN 250 OVC	20			028	38	25	02	25 G 33		962	500 1501	CRD
SA	1351	M45 OVC	20			038	35	22	03	17 G 34		964	SWU N-E	CRD
SA	1450	M33 BKN 250 OVC	20		SW-	054	34	24	05	20 G 27		968	SB02E35B45	CRD
SA	1550	M40 BKN 120 BKN 250 OVC	20			056	36	18	05	16		970	SE03/22400 1572 51	AD
/	/		/			/	/	/	/	/	/	/	RADAT 55041	/
SA	1650	M45 BKN 120 OVC	20			068	35	17	05	16		973	SWU S	AD
SA	1750	M48 BKN 120 OVC	20			080	33	26	10	11		976		AD
SA	1850	M 50 OVC	20			086	35	22	08	12		979	227 15//	AD
SA	1950	M 50 OVC	20			095	33	18	05	08		981		AD
SA	2050	M 50 OVC	20			102	32	17	05	10		983		AD
SA	2150	50 SCT E120 BKN	20			111	31	15	04	11		985	220 157/ 51	AD
SA	2250	M 50 BKN 120 OVC	20			111	31	16	01	12		985		AD
SA	2350	M 50 BKN 120 OVC	20			115	30	15	03	11		986		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 4 1989

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	26.370	40		58	2	1	Sc	40	1	Ac	150	2								2	8	.020			00-01
01 52	26.360	44		61	2															2					01-02
02 52	26.350	44		63	2															2					02-03
03 51	26.330	45		60	10	3	Sc	40	2	Ac	150	5	5	Cs	250	10				5	7	.040			03-04
04 54	26.310	46		60	10															10					04-05
05 52	26.290	46		60	10															10					05-06
06 57	26.260	47		61	10	10	Sc	M35												10	7	.070			06-07
07 55	26.250	47		63	10															10					07-08
08 50	26.250	48		61	10															10					08-09
09 54	26.250	47		65	10	10	Sc	M28												10	6	.010			09-10
10 55	26.245	47		54	8															8					10-11
11 50	26.245	49		48	7															6					11-12
12 50	26.250	38		59	10	7	Sc	M35	3	Cl	250	10								8	5	.000			12-13
13 51	26.270	35		59	10															10					13-14
14 50	26.305	34		67	10															10					14-15
15 50	26.320	36		48	10	7	Sc	M40	2	Ac	120	9	1	Ci	250	10				10	2	.070			15-16
16 50	26.350	35		48	10															10					16-17
17 50	26.380	33		75	10															10					17-18
18 50	26.400	35		58	10	10	Sc	M50												10	2	.080			18-19
19 50	26.420	33		54	10															10					19-20
20 50	26.440	32		54	10															10					20-21
21 50	26.460	31		51	8	5	Sc	50	3	Ac	E120	8								8	2	.060			21-22
22 50	26.460	31		53	10															10					22-23
23 50	26.470	30		53	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	45	43	X	X						X		
	0347	1	0	0	0	45	43		0								
	0946	2	T	0	0	49	45		0								
	1550	3	T	T	0	51	33		1								
	2150	4	0	0	0	37	31		0								
	MID.	X	0	0	0	31	30	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.330	26.250	26.320	26.460
BAROGRAPH 64	26.325	26.245	26.330	26.450
BAR. CORR. 65	+.005	+.005	-.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	0400 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
51	30	T	T	0	49	SW	0848					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0943	0948			
SP-	1402	1435			
SW-	1445	503			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0644 SUNSET 1712

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 TO NEAREST MINUTE AT: / 0100 / 1700 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 5, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	30 SCT E100 OVC	20			127	28	17	03	14		987	307 1571	AD
SA	0150	25 SCT E100 OVC	20			134	28	10	04	11		988		AD
SA	0250	25 SCT E80 OVC	20			139	27	9	06	14		990		AD
SA	0356	20 SCT E80 OVC	20			141	26	5	06	14		991	210 1511 26 RADAT ZERO	EP
RS	0451	M23 BKN 45 OVC	20			150	25	5	04	16		993		EP
RS	0552	M30 BKN 80 OVC	20			157	24	5	04	19		994		EP
SA	0654	M30 BKN 80 BKN	20			165	22	4	04	17		997	320 1500	EP
SA	0753	M32 BKN 80 BKN	20			181	22	4	06	13		001		EP
SA	0852	M38 BKN 90 BKN	20			190	22	3	05	18		003		EP
SA	0958	40 SCT 100 SCT E200 BKN	20			196	25	3	03	18 G23		005	124 1538 22	EP
SA	1052	80 SCT E200 OVC	20			198	27	2	03	18		006		EP
SA	1152	E200 BKN	20			189	29	2	02	18		004		EP
SA	1251	40 SCT 200 SCT	20			187	30	3	02	18		003	807 1501	EP
SA	1351	40 SCT E200 BKN	20			185	31	1	04	16		003		EP
SA	1450	200 - BKN	20			188	30	1	01	15 G21		003	FEW SC	EP
SA	1551	200 - SCT	20			192	30	2	03	15		004	SC SE-SW/303 1501 31	Oca
													RADAT ZERO	
SA	1650	CLR	20			203	27	1	03	16		006	FEW SC CI	Oca
SA	1753	CLR	20			210	25	0	03	19		007	SC W	Oca
SA	1852	CLR	20			219	23	0	03	21 G30		009	217	Oca
SA	1954	CLR	20			226	21	1	04	15 G27		012		Oca
SA	2050	CLR	20			246	19	0	05	12		016		Oca
SA	2152	CLR	20			255	19	-1	05	10 G20		019	230 31	Oca
SA	2250	CLR	20			266	17	-3	04	13		023		Oca
SA	2350	CLR	20			265	16	-5	04	15		023		Oca

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE FEB. 5, 1989

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	26.480	28		63	10	4	Sc	30	6	Ac	E100	10								10	3	.020			00-01
01 50	26.490	28		46	10															10					01-02
02 50	26.500	27		46	10															10					02-03
03 56	26.510	26		40	10	4	Sc	20	6	Sc	E80	10								10	2	.030			03-04
04 51	26.530	25		42	10															10					04-05
05 52	26.540	24		44	10															10					05-06
06 54	26.570	22		45	9	6	Sc	M30	3	Sc	80	9								9	3	.060			06-07
07 53	26.600	22		45	9															9					07-08
08 52	26.620	22		42	8															8					08-09
09 58	26.640	23		38	9	1	Sc	40	2	Ac	100	3	6	Cs	E200	9				7	1	.070			09-10
10 52	26.650	27		34	10															8					10-11
11 52	26.630	29		31	9															8					11-12
12 51	26.620	30		31	3	1	Sc	40	3	Ci	200	3								2	8	.020			12-13
13 51	26.620	31		27	7															5					13-14
14 50	26.620	30		28	8															3					14-15
15 51	26.630	30		30	2	0	Sc	60	2	Ci	200	2								1	3	.010			15-16
16 50	26.650	27		32	0															0					16-17
17 53	26.660	25		33	0															0					17-18
18 52	26.680	23		36	0															0	2	.050			18-19
19 54	26.700	21		41	0															0					19-20
20 50	26.740	19		43	0															0					20-21
21 52	26.770	19		41	0															0	2	.090			21-22
22 50	26.800	17		41	0															0					22-23
23 50	26.800	16		38	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	30	26	X	X						X		
	0351	1	0	0	0	31	26		0								
	0953	2	0	0	0	26	22		0								
	1549	3	0	0	0	31	25		0								
	2148	4	0	0	0	30	18		0								
	MID.	X	0	0	0	19	16	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0954	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.640	26.630	26.770
BAROGRAPH 64	26.510	26.635	26.630	26.770
BAR. CORR. 65	0	+.005	0*	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM 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
31	16	0	0	0	33	NE	1901					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0643 SUNSET 1713

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 TO NEAREST MINUTE AT: 10905 / 1559P /

*RESET MIROBAROGRAPH.

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 06 1989

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	0052	CLR	20			270	15	-6	03	16		024	314	Dca
SA	0153	CLR	20			273	14	-6	06	15		025		Dca
SA	0250	CLR	20			274	13	-7	04	18		025		Dca
SA	0354	CLR	20			280	12	-7	05	17		026	207 12 RADAT ZERO	EP
SA	0450	CLR	20			282	11	-8	06	15		026		EP
SA	0550	CLR	20			287	12	-8	05	14		027		EP
SA	0652	CLR	20			305	12	-9	04	14		032	317	EP
SA	0753	CLR	20			308	14	-8	04	15		033		EP
SA	0851	CLR	20			313	16	-8	04	16		034		EP
SA	0953	CLR	20			301	20	-7	02	14		032	000 11	EP
SA	1054	CLR	20			299	25	-7	04	10		032		EP
SA	1151	CLR	20			282	28	-10	06	10		027		EP
SA	1251	CLR	20			270	29	-11	09	14		024	824	EP
SA	1351	CLR	20			266	30	-8	06	14		023		EP
SA	1454	CLR	20			263	30	-8	02	16	G23	022		EP
SA	1550	CLR	20			266	29	-8	04	13		022	607 100130 RADAT ZERO	Dca
SA	1651	250-SCT	20			267	27	-7	04	15		022		Dca
SA	1750	CLR	20			272	24	-4	05	15		023		Dca
SA	1851	CLR	20			281	23	-3	05	12		025	310	Dca
SA	1954	CLR	20			285	22	-4	05	10		026		Dca
SA	2050	CLR	20			289	19	-4	05	11		027	1	Dca
SA	2150	CLR	20			287	18	-4	05	10		027	207 30	Dca
SA	2250	CLR	20			282	19	-5	05	10		027		Dca
SA	2351	CLR	20			281	17	-5	09	07		027		Dca

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII [illegible]

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE FEB 06 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.810	15		38	0															0	3	.040			00-01
01 53	26.820	14		40	0															0					01-02
02 50	26.820	13		40	0															0					02-03
03 54	26.830	12		42	0															0	2	.020			03-04
04 50	26.830	11		41	0															0					04-05
05 50	26.840	12		40	0															0					05-06
06 52	26.880	12		38	0															0	3	.050			06-07
07 53	26.890	14		36	0															0					07-08
08 51	26.900	16		33	0															0					08-09
09 53	26.880	26		29	0															0	0	.000			09-10
10 54	26.880	25		24	0															0					10-11
11 51	26.840	28		18	0															0					11-12
12 51	26.810	29		17	0															0	8	?.070			12-13
13 51	26.800	30		18	0															0					13-14
14 54	26.790	30		18	0															0					14-15
15 50	26.790	29		19	0	0	Ci	250												0	6	.020			15-16
16 51	26.790	27		22	1															0					16-17
17 50	26.800	24		29	0															0					17-18
18 51	26.820	23		31	0															0	3	.030			18-19
19 54	26.830	22		31	0															0					19-20
20 50	26.840	19		35	0															0					20-21
21 50	26.840	18		37	0															0	1	.020			21-22
22 50	26.840	19		34	0															0					22-23
23 51	26.840	17		37	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	16	12	X	X						X		
	0351	1	0	0	0	19	12		0								
	0951	2	0	0	0	20	11		0								
	1548	3	0	0	0	30	20		0								
	2148	4	0	0	0	29	18		0								
	MID.	X	0	0	0	19	16	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0951	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.880	26.790	26.840
BAROGRAPH 64	26.825	26.895	26.800	26.850
BAR. CORR. 65	+.005	-.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 UNMLTD (Ins.) 69	4AM 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 TOP (Ins.) 75	FROZEN GROUND LAYER BASE (Ins.) 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
30	11	0	0	0	26	NE	1123					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 06:43 SUNSET 17:13

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

FASTEST OBSERVED 1MIN/1E WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1085TP / 1557P /

~~2150/2150~~

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 07 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			280	16	-6	05	09		027	400	Dca
SA	0154	CLR	20			276	16	-6	07	07		026		Dca
SA	0250	CLR	20			273	14	-7	06	08		025		Dca
SA	0353	CLR	20			274	16	-6	05	10		025	~~608~~ 167 14 RADAT ZERO	EP
SA	0450	CLR	20			280	15	-7	04	07		026		EP
SA	0554	CLR	20			286	15	-7	04	09		027		EP
SA	0651	200- BKN	20			286	16	-6	03	10		027	107 1008	EP
SA	0754	E150 BKN 200 OVC	20			290	18	-6	03	11		028		EP
SA	0852	E170 OVC	20			297	20	-5	03	11		030		EP
SA	0952	170 SCT E200 OVC	20			294	24	-5	12	10		029	007 1037 14	EP
SA	1052	E200 OVC	20			289	26	-7	11	11		029		EP
SA	1151	E200 OVC	20			272	30	-5	12	15		025		EP
SA	1254	E200 BKN	20			268	32	-6	08	11		024	817 1002	EP
SA	1351	E200 BKN	20			259	33	-8	10	06		022		EP
SA	1451	200- BKN	20			256	33	-7	11	15		020		EP
SA	1551	200- SCT	20			260	32	-6	12	17		022	507 1001 34 RADATZERO	Dca
SA	1650	200- BKN	20			257	31	-7	12	15		020		Dca
SA	1753	200- SCT	20			267	29	-5	10	11		023		Dca
SA	1850	CLR	20			271	27	-4	11	10		024	307	Dca
SA	1951	CLR	20			279	25	-4	04	06		026		Dca
SA	2050	CLR	20			285	25	-2	04	06		028		Dca
SA	2150	CLR	20			283	25	0	07	07		028	114 34	Dca
SA	2251	CLR	20			281	24	-1	05	07		028		Dca
SA	2350	CLR	20			270	26	~~24~~ -1	03	07		026		Dca

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII [illegible] IIIIW Nddff 1sn TTT 2sn T'T'T'D 3P P P P 4PPPP 5appp 6RRRt 7wwW1W2 8N Ch CmCL plus regional and national data groups.

MF-1100
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE FEB 07 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.840	16		37	0															0	4	.000			00-01
01 54	26.830	16		37	0															0					01-02
02 50	26.820	19		38	0															0					02-03
03 53	26.820	16		37	0															0	6	.020			03-04
04 50	26.830	15		36	0															0					04-05
05 54	26.840	15		36	0															0					05-06
06 51	26.840	16		37	9	9	Cs	200												4	1	.020			06-07
07 54	26.850	18		34	10															9					07-08
08 52	26.870	20		32	10															10					08-09
09 52	26.860	24		27	10	2	Ac	170	10	Cs	E200	10								7	0	.020			09-10
10 52	26.860	26		28	10															8					10-11
11 51	26.820	30		21	10															6					11-12
12 54	26.810	32		19	9	9	Ci	E200												7	8	.050			12-13
13 51	26.790	33		16	9															5					13-14
14 51	26.780	33		17	9															4					14-15
15 51	26.790	32		18	3	3	Ci	200												1	5	.020			15-16
16 50	26.780	31		18	6															2					16-17
17 53	26.800	29		22	1															0					17-18
18 50	26.810	27		25	0															0	3	.020			18-19
19 51	26.830	25		28	0															0					19-20
20 50	26.850	23		30	0															0					20-21
21 50	26.850	23		33	0															0	1	.040			21-22
22 51	26.850	24		34	0															0					22-23
23 50	26.835	26		31	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	18	14	X	X						X		
	0350	1	0	0	0	19	14		0								
	0950	2	0	0	0	24	14		0								
	1549	3	0	0	0	34	24		0								
	2148	4	0	0	0	32	24		0								
	MID.	X	0	0	0	26	24	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.860	26.790	26.850
BAROGRAPH 64	26.830	26.870	26.800	26.855
BAR. CORR. 65	-.010	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4 AM 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
34	14	0	0	0	22	SE	1601					9	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 06:41 SUNSET 17:15

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 TO NEAREST MINUTE AT: / 0830 / 1559 P /

~~2350 / 2350~~

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: ~~VGMC~~ DESERT ROCK NEVADA

DATE: FEB 08 1989

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 INITIALS (15)
SA	0050	CLR	20			275	26	0	07	07		028	500	Oca
SA	0153	170 SCT E200 BKN	20			279	25	1	05	10		029		Oca
SA	0250	170 SCT E200 OVC	20			273	27	0	09	12		028		Oca
SA	0358	50 SCT E120 OVC	20			279	26	1	06	07		029	303 152/24 RADAT ZERO	EP
SP	0436	M28 BKN 1000 OVC	20						11	08		029		EP
SA	0450	M27 OVC	20			279	27	0	03	07		029		EP
SA	0554	M25 OVC	20			288	27	1	06	06		032		EP
SA	0653	M18 OVC	~~20~~ 10			292	28	2	11	10		033	310 16 //	EP
SP	0734	E12 OVC	7		S-				10	07		034	CIG RGD MTN TPS OBSCD	EP
SA	0751	E12 BKN 30 OVC	7		S-	299	27	8	10	10		034	* CIG RGD CLDS OBSCNG	EP
													MTN TPS ALODS PCPN VAYLGT	
													* SB 22	
SP	0818	15 SCT E30 OVC	20						11	09		037	VSBY LWR NW SE05	EP
RS	0856	-X E15 OVC	5		S-	313	29	7	13	10		038	* S1 MTN TPS OBSCD E-S	EP
													SB45 * SE05 SB45	
SP	0939	W8X	1½		S-				12	13		038		EP
SA	~~18~~ 0955	W5X	1		S-	319	26	18	12	13		039	12000 ~~1444~~ 24	EP
SP	~~18~~ 1011	-X E10 BKN 300 OVC	2		S-				07	07		039	S2	EP
SP	1033	E15 BKN 350 VC	3		S-				08	09		039		EP
SA	1057	M18 BKN 35 OVC	3		S-	~~318~~	28	20	11	07		039		EP
1154 SA	~~12~~ 1154	E15 ~~BKN~~ OVC	3		S-	305 ~~318~~	29	22	09	08		036	VSBY N 2	EP
1256 SA	~~12~~ 1256	11 SCT E17 ~~BKN~~ OVC	3		S-	296	29	24	06	05		034	VSBY N 2/8 17 16 //	EP
1355 SA	~~12~~ 1352	11 SCT M17 OVC	3		S-	290	28	25	13	13		032		EP
1454 SP	~~14~~ 1414	W8X	1		S-		~~29~~ ~~26~~		12	11		032		EP
RS SP	~~14~~ 1554	-X M14 OVC	1		S-	284	29	26	12	13		030	S3 VSBY S 2½	EP
SP	~~16~~ 1619	14 SCT M30 OVC	20				~~30~~ ~~25~~		12	11		030	VSBY LWR N SE12	EP
SA	1553	14 SCT M30 OVC	20			284	30	25	11	13		030	SE12/61002 16// 30	Oca
													RADAT ~~DEAD~~ ZERO	
SA	1652	15 SCT M30 OVC	20			283	31	28	05	09		030		Oca
SP	1706	15 SCT M25 OVC	20						07	08		030		Oca
SA	1750	15 SCT M25 OVC	20			290	32	22	10	07		033		Oca
SA	1850	M25 OVC	20			293	32	22	09	11		034	310 15 //	Oca
SP	1929	20 SCT M30 OVC	20						10	10		034		Oca
SA	1957	20 SCT M30 OVC	20			297	31	24	10	10		032		Oca
SP	2019	M23 OVC	20						10	10		033		Oca
SA	2053	M23 OVC	20			292	32	23	10	05		034		Oca
SA	2150	M23 OVC	20			295	31	24	11	10		034	500 15// 32	Oca
SA	2250	M23 BKN 30 BKN 250 BKN	20			294	31	23	10	08		034		Oca
SP	2306	30 SCT E250 BKN	20				3		09	10		034		Oca
SA	2351	M30 OVC	20			293	31	23	10	10		034		Oca

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on lines following related Basic observation.

(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: NTS MAG, DESERT ROCK NEVADA

DATE FEB 08 1989

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 30	26.850	26		32	0															0	5	.000			00-01
01 53	26.860	25		35	6															5					01-02
02 50	26.850	27		31	10															10					02-03
03 58	26.860	26		33	10	4	Sc	50	10	As	E120	10								10	3	.010			03-04
04 50	26.860	27		31	10															10					04-05
05 54	26.880	27		32	10															10					05-06
06 53	26.890	28		32	10	10	ST	M18												10	3	.030			06-07
07 51	26.900	27		44	10															10					07-08
08 56	26.940	29		39	10															10					08-09
09 55	26.950	26		71	10	10	S	W5												10	1	.060			09-10
10 57	26.950	28		72	10															10					10-11
11 54	26.920	29		75	10															10					11-12
12 56	26.900	29		82	10	2	STFRA	11	10	ST	E17	10								10	8	.050			12-13
13 52	26.880	28		88	10															10					13-14
14 54	26.870	29		89	10															10					14-15
15 53	26.870	30		82	10	2	ST	14	10	SC	M30	10								10	6	.030			15-16
16 52	26.870	31		89	10															10					16-17
17 50	26.890	32		66	10															10					17-18
18 50	26.900	32		66	10	10	SC	M25												10	3	.030			18-19
19 57	26.880	31		75	10															10					19-20
20 53	26.900	32		69	10															10					20-21
21 50	26.900	31		75	10	10	Sc	M23												10	5	.000			21-22
22 50	26.900	31		72	8															8					22-23
23 51	26.900	31		72	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353	X	0	0	X	27	24	X	X						X		
	0353	1	0	0	0	27	24		0								
	0950	2	T	T	T	29	26		1								
	1550	3	.02	T	T	30	26		5								
	2148	4	0	0	T	32	30		5								
	MID.	X	0	0	T	31	30	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0951	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.950	26.870	26.900
BAROGRAPH 64	26.860	26.950	26.890	26.920
BAR. CORR. 65	0	0	-.020	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM 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
32	24	.02	T	0	17	E	2002*					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
S-	0722	0805			
S-	0845	1512			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 06:40 SUNSET 17:16

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 TO NEAREST MINUTE AT: 0858P / 1558P

*LAST OF SEVERALL OCCURRENCES

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 09 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. ETER SET-TING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0051	3 0SCT E100BKN	20			288	31	22	11	10		033	803 1530	Dca
SA	0151	M 50BKN 100BKN	20			285	31	23	11	12		032		Dca
SA	0250	M 60 OVC	20			284	32	24	12	11		032		Dca
SA	0355	60 SCT 200 - OVC	20			276	31	23	11	14		029	710 1501 34 20002 RMKT 81L061077	008
SA	0450	M 70 BKN 2000 VC	20			277	32	24	09	12		030		008
SA	0555	M 70 BKN 200 OVC	20			282	32	24	11	13		032		008
SA	0655	70SCT 45 E150 BKN 250 OVC	20			281	33	24	11	10		032	107 1551	008
SA	0755	E 70BKN 150BKN 250 OVC	20			288	35	24	10	10		034		008
SA	0855	70SCT E120BKN250OVC	20			290	36	26	10	11		035		008
SA	0955	70SCT E120 BKN 200 OVC	20			290	37	30	11	12		035	110 1557 26	008
SA	1056	E60 BKN 120 OVC	20			279	41	28	12	11		033		008
SA	1158	E60BKN 120 OVC	20			275	43	28	12	10		032		008
SA	1253	E50BKN 120 OVC	20			263	44	32	07	04		028	720 172 /	008
SA	1350	E 35 OVC	15		R-	256	43	34	01	09		026	RB45	008
SA	1450	E 35 OVC	20			258	44	36	03	09		027	RE 40	008
SA	1550	E 35 OVC	20			259	44	36	03	12		027	50302 17// 45 RADAT 94085	CH
SA	1650	M 33 OVC	20			263	43	37	03	10		028		CH
SA	1750	M 33 OVC	20		R-	268	42	38	02	08		029	RB 32	CH
SA	1850	M 32 OVC	7		R-	272	41	38	02	10		030	21002 17//	CH
SA	1950	M 32 OVC	7			270	41	38	04	10		030	RE 41	CH
SA	2050	M 32 OVC	7			273	41	38	09	05		032		CH
SA	2150	M 32 OVC	7		R-	280	40	39	00	00		033	^30705 17// 45 ^ RB 23	CH
SA	2250	M 32 OVC	7		R-	274	40	40	07	05		033		CH
SA	2350	M 31 OVC	7		R-	273	41	38	00	00		033		CH
		~~M 31 0~~												

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

...NO, DESERT ROCK NEVADA

DATE FEB 09 1989

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	26.890	31		69	8	3	Sc	30	5	Ac	E100	8								8	8	.010			00-01
01 51	26.880	31		72	8															8					01-02
02 50	26.880	32		72	10															10					02-03
03 55	26.860	31		72	10	1	Sc	60	10	ci	200	10								3	7	.030			03-04
04 50	26.865	32		72	10															8					04-05
05 55	26.880	34		72	10															8					05-06
06 55	26.880	33		69	10	4	Sc	70	3	Ac	E150	7	3	ci	250	10				8	1	.020			06-07
07 55	26.900	33		64	10															9					07-08
08 55	26.910	36		67	10															10					08-09
09 55	26.910	37		76	10	5	Sc	70	2	Ac	E120	7	3	cs	200	10				10	1	.030			09-10
10 56	26.890	41		60	10															10					10-11
11 58	26.880	43		55	10															10					11-12
12 53	26.850	44		63	10	7	CUFRA	E50	3	As	120	10								10	7	.060			12-13
13 50	26.830	43		70	10															10					13-14
14 50	26.840	44		73	10															10					14-15
15 50	26.840	44		73	10	10	CUFRA	E35												10	5	.010			15-16
16 50	26.850	43		79	10															10					16-17
17 50	26.860	42		86	10															10					17-18
18 50	26.870	41		89	10	10	STFRA	M32												10	2	.030			18-19
19 50	26.870	41		89	10															10					19-20
20 50	26.880	41		89	10															10					20-21
21 50	26.890	40		98	10	10	STFRA	M32												10	3	.020			21-22
22 50	26.890	40		99	10															10					22-23
23 50	26.890	41		89	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0354	X	0	0	X	32	31	X	X						X		
	0354	1	0	0	T	32	30		5								
	0954	2	0	0	T	38	31		5								
	1548	3	.02	0	.0	45	37		2								
	2148	4	.05	0	0	44	40		2								
	MID.	X	.01	0	0	41	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.910	26.840	26.890
BAROGRAPH 64	26.880	26.930	26.820	26.860
BAR. CORR. 65	-.020	-.020	+.020	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0900 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
45	31	.08	0	T	19	E	1101					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	1345	1440			
R-	1732	1941			
R-	2123	CONT.			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 06:39 SUNSET 17:18

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 TO NEAREST MINUTE AT: 1044P / 1852P /

1000 P - CHANGED BAROGRAM

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB. 10, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	M 31 OVC	7		R-	269	40	39	02	06		032	80302 17//	CH
SA	0150	M 31 OVC	7		R-	270	39	38	00	00		032		CH
SA	0250	M 31 OVC	7		R-	265	39	38	05	07		030		CH
RS	0350	M23 OVC	7		R-	265	39	39	02	05		030	60306 17// 39 20013	—
													RADAT 94073	008
SA	0450	M23 OVC	7		R-	261	40	38	06	05		029		008
SA	0550	M22 OVC	10			264	40	37	07	08		030	RE 30	008
SA	0650	M23 OVC	10			270	40	37	11	04		032	30300 17//	008
SA	0750	M25 OVC	20			269	41	37	19	04		032	BINOVC	008
SA	0859	M25 OVC	20			277	42	37	04	06		034	BINOVC	008
SA	0955	M26 OVC	20			277	44	37	35	05		034	10700 17// ~~37~~ T	008
SA	1052	M26 OVC	20			274	47	38	30	04		034		008
RS	1155	30SCT60SCT E200 BKN	20			258	52	38	27	06		030		008
SA	1250	25SCTE60 BKN 200BKN	20			247	53	39	24	11		027	820 1802	008
SA	1356	25SCT E60 BKN 200BKN	20			241	52	40	24	10		025		008
SA	1452	30SCT E60 BKN	20			242	50	39	26	10		025		008
SA	1550	30 SCT E60 BKN	20			245	53	38	24	06		026	503 180053 RADAT 91070	CH
SA	1650	E 33 BKN	20			245	51	37	23	10		026		CH
SA	1750	M 32 BKN	20			250	48	37	28	04		027		CH
SA	1850	M 33 BKN	20			253	45	37	33	05		027	103 1500	CH
SA	1950	E 35 BKN	20			256	44	35	35	08		028		CH
SA	2050	E40 BKN	20			258	40	35	35	07		028		CH
SA	2150	40 SCT	20			255	37	34	03	07		027	000 1500 53	CH
SA	2250	40 SCT	20			254	37	34	00	00		027		CH
SA	2350	M 38 BKN	20			251	36	34	00	00		027		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

SURFACE WEATHER OBSERVATIONS

DATE FEB. 10, 1989

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	26.880	40		97	10	10	STFRA	M31												10	8	.010			00-01
01 50	26.880	39		97	10															10					01-02
02 50	26.870	39		97	10															10					02-03
03 50	26.870	39		100	10	10	STFRA	M23												10	6	.010			03-04
04 50	26.860	40		93	10															10					04-05
05 50	26.865	40		89	10															10					05-06
06 50	26.880	40		89	10	10	CUFRA	M23												10	3	.010			06-07
07 50	26.880	41		86	10															10					07-08
08 59	26.900	42		82	10															10					08-09
09 55	26.900	44		76	10	10	CUFRA	M26												10	1	.020			09-10
10 52	26.900	47		71	10															10					10-11
11 55	26.870	52		59	7															6					11-12
12 50	26.840	52		59	8	2	SC	25	5	CU	E60	7	1	CI	200	8				7	8	.060			12-13
13 56	26.820	51		63	8	.														7					13-14
14 52	26.820	50		66	7															7					14-15
15 50	26.830	53		57	7	3	SC	30	4	CU	E60	7								7	5	.010			15-16
16 50	26.830	51		59	7															7					16-17
17 50	26.840	48		66	7															7					17-18
18 50	26.840	45		73	7	7	SC	M33												7	1	.010			18-19
19 50	26.850	44		71	7															7					19-20
20 50	26.850	40		82	7															7					20-21
21 50	26.840	37		89	4	4	SC	40												4	0	.000			21-22
22 50	26.840	37		89	2															2					22-23
23 50	26.840	36		93	7															7					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	.05	0	X	41	39	X	X						X		
	0349	1	.06	0	0	41	39		2								
	0954	2	T	0	0	44	39		2								
	1548	3	0	0	0	53	44		0								
	2148	4	0	0	0	53	37		0								
	MID.	X	0	0	0	38	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0954	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.870	26.900	26.830	26.840
BAROGRAPH 64	26.870	26.900	26.815	26.830
BAR. CORR. 65	±0	±0	+.015	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	35	.05	0	0	14	SW	1358					9	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	CONT	0530			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 06:38 SUNSET 17:19

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 TO NEAREST MINUTE AT: 1044P / 1810P /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB. 11, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0050	M 38 BKN	20			247	35	33	00	00		026	803 1500	CH
SA	0150	M 38 BKN	20			247	35	33	00	00		026		CH
SA	0250	M 38 BKN	20			245	36	33	00	00		025		CH
SA	0350	M 35 BKN	20			239	34	32	12	03		024	807 1500 33 RADAT 85062	~~008~~
SA	0450	35 SCT 200 SCT	20			239	32	31	07	04		023		~~008~~
SA	0555	35 SCT 200 SCT	20			240	32	31	35	03		023		~~008~~
SA	0656	E50 BKN	20			242	33	31	12	07		023	603 1500	~~008~~
SA	0750	80 SCT	20			241	35	32	11	04		023		~~008~~
SA	0850	100 SCT	20			240	40	32	13	03		023		~~008~~
SA	0950	60 SCT 180 SCT 200 - OVC	20			244	47	32	22	05		025	305 1261 31	~~008~~
SA	1050	50 SCT 170 SCT 220 - OVC	20			227	48	32	31	04		019		~~008~~
SA	1152	50 SCT 150 SCT E220 BKN	20			214	50	32	30	05		016		~~008~~
SA	1255	50 SCT E120 BKN	20			200	51	33	31	08		013	737 1260	~~008~~
SA	1358	50 SCT 120 SCT	20			191	51	32	24	10		009		~~008~~
SA	1450	50 SCT 120 SCT	20			185	51	30	21	07		008		~~008~~
SA	1550	50 SCT 120 SCT	20			184	51	30	26	10		007	715 1260 52 RADAT 71064	CH
SA	1650	50 SCT	20			185	50	28	24	08		007		CH
SA	1750	50 SCT	20			193	45	29	26	05		008		CH
SA	1850	50 SCT	20			195	40	29	00	00		008	103 1500	CH
SA	1950	50 SCT	20			195	40	29	35	06		008		CH
SA	2050	50 SCT	20			186	41	33	03	10		007		CH
SA	2150	50 SCT	20			182	41	33	04	12		007	603 1500 52	CH
SA	2250	50 SCT	20			183	38	33	35	06		007		CH
SA	2350	40 SCT	20			180	36	32	05	06		006		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5oppp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

[illegible], DESERT ROCK NEVADA

DATE FEB. 11, 1989

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	26.830	35		92	6	6	SC	M38												6	8	.010			00-01
01 50	26.830	35		92	7															7					01-02
02 50	26.820	36		89	7															7					02-03
03 50	26.810	34		92	7	7	SC	M35												7	8	.020			03-04
04 50	26.800	32		96	4															3					04-05
05 55	26.800	32		96	4															3					05-06
06 56	26.800	33		92	6	6	SC	650												6	6	.010			06-07
07 50	26.800	36		89	4															4					07-08
08 50	26.800	40		73	5															5					08-09
09 50	26.815	47		56	10	2	cu	60	2	AC	180	4	6	ci	200	10				5	3	.015			09-10
10 50	26.770	48		54	10															5					10-11
11 52	26.740	50		50	9															8					11-12
12 55	26.705	51		50	6	4	cu	50	2	AC	E120	6								6	7	.110			12-13
13 58	26.680	51		48	5															5					13-14
14 50	26.670	51		44	5															5					14-15
15 50	26.660	51		44	5	4	cu	50	1	AC	120	5								5	7	.045			15-16
16 50	26.660	50		43	4															4					16-17
17 50	26.670	45		53	4															4					17-18
18 50	26.670	40		65	4	4	SC	50												4	1	.010			18-19
19 50	26.670	40		65	4															4					19-20
20 50	26.660	41		73	4															4					20-21
21 50	26.660	41		73	4	4	SC	50												4	6	.010			21-22
22 50	26.660	35		82	2															2					22-23
23 50	26.650	36		85	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	36	33	X	X						X		
	0349	1	0	0	0	38	33		0								
	0949	2	0	0	0	47	31		0								
	1548	3	0	0	0	52	47		0								
	2148	4	0	0	0	51	37		0								
	MID.	X	0	0	0	41	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.815	26.660	26.660
BAROGRAPH 64	26.810	26.800	26.660	26.660
BAR. CORR. 65	±0	+.015	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMELTED (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
52	31	0	0	0	16	N1	2253					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 06:37 SUNSET 17:20

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 TO NEAREST MINUTE AT: 1045GP / 1900PI

(5-83)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE FEB. 12, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	40 SCT	20			177	32	30	14	05		005	807 1500	CH
SA	0150	40 SCT	20			177	32	30	00	00		005		CH
SA	0250	40 SCT	20			175	31	30	00	00		004		CH
SA	0358	CLR	20			176	28	27	00	00		004	703 28 RADAT	DC
													80L034052	
SA	0453	CLR	20			174	28	26	02	03		003		DC
SA	0553	CLR	20			177	27	26	00	00		003	SC SW-N	DC
SA	0658	50 SCT 100 SCT	20			184	30	28	36	03		005	302 1570	DC
SA	0757	70 SCT 250-BKN	20			185	32	28	00	00		005		DC
SA	0856	70 SCT 140 SCT 250-BKN	20			178	40	24	02	09		005		DC
SA	0958	140 SCT 250-BKN	20			178	42	23	04	08		005	102 1238 26	DC
SA	1055	50 SCT 140 SCT 250-BKN	20			172	43	23	01	11		004		DC
SA	1156	50 SCT 250-BKN	20			163	46	23	06	09		001		DC
SA	1258	E 50 BKN 250 BKN	20			159	46	22	34	10		999	CB RWU W-N /	DC
													720 1308	
SA	1357	M45 BKN	20			150	47	25	25	10		996	CB E AND SW SHWRS	DC
													VIRGA ALQDS RS B01	
													E20	
SA	1455	45 SCT	20			145	48	20	36	08		995	SHWRS SE AND W	DC
													VIRGA ALQDS	
SA	1554	45 SCT	20			150	47	19	35	10		996	SWU SE VIRGA ALQDS	MS
—	—												50800 1200 48 RADAT	—
—	—												45060	—
SA	1650	45 SCT	20			149	46	17	02	10		995	SWU SE	MS
SA	1752	45 SCT	20			155	43	21	01	10		996	VIRGA S	MS
SA	1852	45 SCT	20			158	38	22	28	05		997	303 1400	MS
SA	1952	CLR	20			158	34	21	10	05		996		MS
SA	2050	CLR	20			155	33	20	07	05		997		MS
SA	2158	CLR	20			154	33	21	04	05		997	500 1400 48	MS
SA	2250	CLR	20			156	31	20	00	00		997		MS
SA	2353	CLR	20			154	29	20	00	00		997		MS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

*U.S. GPO: 1987-754-006 61236

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE FEB. 12, 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.640	32		92	2	2	SC	40												2	8	.020			00-01
01 50	26.640	32		92	2															2					01-02
02 50	26.630	31		96	1															1					02-03
03 58	26.630	28		96	0															0	7	.010			03-04
04 53	26.620	28		92	0															0					04-05
05 53	26.620	27		96	0															0					05-06
06 58	26.635	30		92	3	1	SC	50	2	AC	100	3								3	3	.005			06-07
07 57	26.640	32		85	9															4					07-08
08 56	26.640	40		53	8															4					08-09
09 58	26.640	42		47	7	0	CU	60	2	AC	140	2	5	CS	250	7				3	1	.005			09-10
10 55	26.625	43		45	8															4					10-11
11 56	26.600	46		40	8															3					11-12
12 58	26.580	46		38	9	8	CB	E50	1	CS	250	9								8	7	.060			12-13
13 57	26.560	47		42	8															8					13-14
14 55	26.550	48		33	3															3					14-15
15 54	26.555	47		33	4	4	CU	45												4	5	.025			15-16
16 50	26.550	46		31	2															2					16-17
17 52	26.560	43		41	3															3					17-18
18 52	26.565	35		52	2	2	SC	45												2	3	.010			18-19
19 52	26.560	34		59	0															0					19-20
20 50	26.565	33		59	0															0					20-21
21 58	26.565	33		61	0	0	SC	45												0	5	.000			21-22
22 50	26.570	31		63	0															0					22-23
23 53	26.565	29		69	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		36	28										
	0350	1	0	0	0	41	28		0								
	0950	2	0	0	0	42	26		0								
	1550	3	T	T	0	48	41		0								
	2154	4	0	0	0	48	31		0								
	MID.		0	0	0	33	28										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.640	26.555	26.565
BAROGRAPH 64	26.610	26.625	26.540	26.545
BAR. CORR. 65	+.020	+.015	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	0400 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
48	26	T	T	0	22	NW	1308					6	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1301	1320			
SW-	1301	1320			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0636 SUNSET 1721

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1000 1653

T – MELTED AS IT FELL

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE FEB. 13 - 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			152	31	20	09	05		997	000	[illegible]
SA	0150	CLR	20			152	28	20	00	00		996		[illegible]
SA	0253	CLR	20			144	33	20	05	09		995		[illegible]
SA	0355	CLR	20			145	34	20	06	09		996	503 28 RADAT 48051	DC
SA	0452	CLR	20			149	31	20	15	05		996		DC
SA	0556	CLR	20			151	32	18	36	05		996		DC
SA	0656	CLR	20			161	32	17	03	11		998	307	DC
SA	0751	CLR	20			166	34	18	04	11		000		DC
SA	0857	250-SCT	20			167	38	17	03	11		001		DC
SA	0958	CLR	20			168	40	17	05	12		001	108 1101 26	DC
SA	1055	CLR	20			165	43	18	36	05		001	CU OMTNS FEW CI	DC
SA	1157	60 SCT 90 SCT	20			161	45	17	09	05		000	SWU OBSCG MTN TPS	DC
/													SE	/
SA	1257	60 SCT	20			148	45	15	01	08		995	SWU OMTNS SE /	DC
/													817 1200	/
SA	1356	60 SCT	20			140	47	17	03	05		993	SWU OMTNS SE NW	DC
SA	1454	60 SCT	20			136	48	16	35	06		993	SWU OMTNS SE NW	DC
SA	1553	60 SCT	20			132	47	16	02	05		992	SWU NW / 610 1100 49	[illegible]
—	—												RADAT 41057	—
SA	1651	60 SCT	20			136	45	14	01	04		992	VIRGA W-NW	[illegible]
SA	1754	60 SCT	20			141	42	16	04	14		993	VIRGA W	[illegible]
SA	1851	CLR	20			148	39	16	03	12		995	308 1400	[illegible]
SA	1951	CLR	20			154	37	17	06	11		996		[illegible]
SA	2058	CLR	20			160	36	16	05	12		999	FEW SC	[illegible]
SA	2150	60 SCT	20			161	35	16	05	09		000	114 1400 49	[illegible]
SA	2256	CLR	20			164	34	15	35	05		001	FEW SC	[illegible]
SA	2350	CLR	20			165	34	15	02	09		001		[illegible]

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S. GPO: 1987-754-000 61236

(4-80)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE FEB. 13-1989

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	26.565	31		64	0															0	0	.000			00-01
01 50	26.560	28		72	0															0					01-02
02 53	26.550	33		59	0															0					02-03
03 55	26.555	34		56	0															0	5	.010			03-04
04 52	26.555	31		63	0															0					04-05
05 56	26.560	32		56	0															0					05-06
06 56	26.575	32		54	0															0	3	.020			06-07
07 51	26.585	34		52	0															0					07-08
08 57	26.595	38		42	1															0					08-09
09 58	26.600	40		39	0	0	CU	60	0	CI	250	0								0	1	.025			09-10
10 55	26.595	43		36	0															0					10-11
11 57	26.585	45		32	2															2					11-12
12 57	26.550	45		30	1	1	CU	60												1	8	.050			12-13
13 56	26.530	47		30	1															1					13-14
14 54	26.530	48		28	1															1					14-15
15 53	26.520	47		29	1	1	CU	60												1	6	.030			15-16
16 51	26.520	43		30	1															1					16-17
17 52	26.530	42		35	1															1					17-18
18 51	26.545	37		39	0	0	SC	60												0	3	.025			18-19
19 51	26.560	37		44	0															0					19-20
20 58	26.580	36		44	0															0					20-21
21 50	26.585	35		45	2	2	SC	60												2	1	.040			21-22
22 56	26.595	34		45	0															0					22-23
23 50	26.600	34		45	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	34	28	X	X						X		
	0348	1	0	0	0	34	28		0								
	0950	2	0	0	0	40	26		0								
	1549	3	0	0	0	49	40		0								
	2146	4	0	0	0	48	35		0								
	MID.	X	0	0	0	35	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0954	1553	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.555	26.600	26.520	26.585
BAROGRAPH 64	26.540	26.590	26.520	26.575
BAR. CORR. 65	+.015	+.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 UNML'TD (Ins.) 69	0400 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
49	26	0	0	0	18	NE	1938 *					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 0635 SUNSET 1722

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 TO NEAREST MINUTE AT: 1040 / 1545 /

* LAST OF SEVERAL OCCURANCES

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: FEB. 14-1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			167	30	15	06	06		001	105	[illegible]
SA	0156	CLR	20			165	32	15	03	10		001		[illegible]
SA	0250	CLR	20			165	31	15	09	07		001		[illegible]
SA	0358	CLR	20			169	30	14	04	07		002	302 30 RADAT 38042	DC
SA	0456	CLR	20			173	30	15	06	06		003		DC
SA	0557	CLR	20			185	28	15	00	00		005		DC
SA	0653	CLR	20			190	28	14	04	06		006	214	DC
SA	0756	CLR	20			190	34	14	04	13		007		DC
SA	0856	CLR	20			190	37	14	04	11		007		DC
SA	0958	CLR	20			193	39	14	04	10		008	107 25	DC
SA	1055	CLR	20			190	42	13	04	06		007		DC
SA	1155	CLR	20			182	46	13	27	07		006		DC
SA	1258	CLR	20			181	46	13	01	05		005	808	DC
SA	1357	CLR	20			176	49	12	20	03		005		DC
SA	1455	CLR	20			179	49	13	19	05		005		DC
SA	1553	CLR	20			185	48	12	29	03		006	303 1100 49 RADAT 28061	[illegible]
SA	1652	CLR	20			189	47	12	22	07		007		[illegible]
SA	1750	CLR	20			197	42	13	25	04		008		[illegible]
SA	1853	CLR	20			212	37	13	02	06		012	317	[illegible]
SA	1953	CLR	20			214	34	12	07	06		013		[illegible]
SA	2050	CLR	20			217	32	11	09	04		014		[illegible]
SA	2152	CLR	20			225	29	11	03	03		016	214 49	[illegible]
SA	2252	CLR	20			228	28	12	05	04		017		[illegible]
SA	2355	CLR	20			232	30	12	12	05		019		[illegible]

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: $IIiii\ i_R i_x hVV\ Ndd ff\ 1s_n TTT\ 2s_n T_d T_d T_d\ 3P_o P_o P_o P_o\ 4PPPP\ 5appp\ 6RRRt_R\ 7wwW_1W_2\ 8N_h C_L C_M C_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE FEB. 14-1989

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	26.600	30		53	0															0	1	.015			00-01
01 56	26.600	32		49	0															0					01-02
02 50	26.600	31		51	0															0					02-03
03 58	26.605	30		51	0															0	3	.005			03-04
04 56	26.615	30		53	0															0					04-05
05 57	26.635	28		58	0															0					05-06
06 53	26.645	28		55	0															0	2	.040			06-07
07 56	26.655	34		43	0															0					07-08
08 56	26.660	37		39	0															0					08-09
09 58	26.665	39		36	0															0	1	.020			09-10
10 55	26.660	42		30	0															0					10-11
11 55	26.650	46		26	0															0					11-12
12 58	26.640	46		26	0															0	8	.025			12-13
13 57	26.635	49		22	0															0					13-14
14 55	26.640	49		23	0															0					14-15
15 53	26.650	48		23	0	0	CU	80												0	3	.010			15-16
16 52	26.660	47		24	0															0					16-17
17 50	26.670	42		30	0															0					17-18
18 53	26.700	37		37	0															0	3	.050			18-19
19 53	26.710	34		40	0															0					19-20
20 50	26.720	34		41	0															0					20-21
21 52	26.740	34		47	0															0	2	.040			21-22
22 52	26.750	28		51	0															0					22-23
23 55	26.770	30		47	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	34	30	X	X						X		
	0350	1	0	0	0	35	30		0								
	0950	2	0	0	0	39	25		0								
	1549	3	0	0	0	49	39		0								
	2148	4	0	0	0	49	29		0								
	MID.	X	0	0	0	31	28	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.605	26.665	26.650	26.740
BAROGRAPH 64	26.600	26.665	26.640	26.730
BAR. CORR. 65	+.005	0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 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
49	25	0	0	0	17	NE	0804					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 0634 SUNSET 1723

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10500 / 1558 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB. 15 - 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			237	28	14	10	06		020	214	
SA	0155	CLR	20			235	28	13	10	06		020		
SA	0251	CLR	20			233	30	13	12	03		020		
SA	0358	CLR	20			239	29	13	00	00		022	303 26	DC
SA	0457	CLR	20			251	26	13	09	03		025	RADAT 43L 036061	DC
SA	0550	CLR	20			259	28	13	00	00		026		DC
SA	0654	CLR	20			271	24	13	12	03		028	220	DC
SA	0755	CLR	20			277	32	15	14	03		030		DC
SA	0856	CLR	20			275	42	14	11	04		032		DC
SA	0958	CLR	20			276	45	14	03	07		033	112 1001 24	DC
SA	1054	CLR	20			274	48	14	35	04		032		DC
SA	1157	CLR	20			264	51	11	21	03		030		DC
SA	1256	CLR	20			255	53	10	16	04		027	815 1005	DC
SA	1353	250 - SCT	20			252	54	11	25	07		027		DC
SA	1457	250 - BKN	20			250	53	11	05	02		026		DC
SA	1550	250 - BKN	20			250	54	12	24	06		026	603 1006 55 RADAT 31070	AD
SA	1650	250 - SCT	20			254	52	10	23	08		026		AD
SA	1750	250 - SCT	20			264	46	12	24	04		028		AD
SA	1850	CLR	20			276	43	12	12	07		030	314	AD
SA	1950	CLR	20			281	38	13	00	00		033		AD
SA	2050	CLR	20			276	35	14	03	05		033		AD
SA	2150	CLR	20			275	35	13	00	00		033	107 55	AD
SA	2250	CLR	20			277	33	13	02	04		034		AD
SA	2350	CLR	20			277	31	13	03	05		034		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_X hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

SURFACE WEATHER OBSERVATIONS

DATE FEB. 15-1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0050	26.780	28		55	0															0	2	.040			00-01
0155	26.780	28		53	0															0					01-02
0251	26.780	32		49	0															0					02-03
0358	26.790	29		51	0															0	3	.010			03-04
0457	26.820	26		57	0															0					04-05
0550	26.830	28		53	0															0					05-06
0654	26.850	24		63	0															0	2	.060			06-07
0755	26.870	26		49	0															0					07-08
0856	26.880	42		32	0															0					08-09
0958	26.885	45		28	0	0	CI	250												0	1	.035			09-10
1054	26.880	48		25	0															0					10-11
1157	26.865	51		20	0															0					11-12
1256	26.840	53		18	0	0	CS	250												0	8	.045			12-13
1353	26.835	54		18	1															0					13-14
1457	26.830	53		18	7															0					14-15
1550	26.830	54		19	7	7	CS	250												1	6	.010			15-16
1650	26.830	52		18	4															1					16-17
1750	26.850	46		25	1															0					17-18
1850	26.870	43		28	0															0	3	.040			18-19
1950	26.890	38		35	0															0					19-20
2050	26.890	35		42	0															0					20-21
2150	26.890	35		40	0															0	1	.020			21-22
2250	26.900	33		43	0															0					22-23
2350	26.900	31		47	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	31	26	X	X						X		
	0350	1	0	0	0	31	26		0								
	0950	2	0	0	0	45	24		0								
	1550	3	0	0	0	55	45		0								
	2150	4	0	0	0	54	34		0								
	MID.	X	0	0	0	37	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.885	26.830	26.890
BAROGRAPH 64	26.785	26.885	26.830	26.890
BAR. CORR. 65	+.005	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	0400 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
55	24	0	0	0	14	SE	0806					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 0633 SUNSET 1724

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 TO NEAREST MINUTE AT: 1 0700 / 1700 /

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB. 16, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			274	35	14	00	00		034	103	AO
SA	0150	CLR	20			270	30	13	07	04		032		AO
SA	0250	CLR	20			264	32	13	08	06		030		AO
SA	0355	CLR	20			259	33	14	36	04		029	614 29 RADAT 25072	JP
SA	0457	200 - SCT	20			265	30	13	08	05		030		JP
SA	0554	200 - SCT	20			269	31	13	23	03		030		JP
SA	0655	E70 BKN 200 BKN	20			277	33	14	08	03		033	310 1501	JP
SA	0756	70 SCT E120 OVC	20			281	38	14	12	07		034		JP
SA	0853	E120 BKN 200 OVC	20			276	42	15	12	05		033		JP
SA	0958	120 SCT E200 OVC	20			276	50	15	32	03		034	303 1078 28	JP
SA	1057	E130 BKN 200 OVC	20			273	48	14	03	10		033		JP
SA	1154	E130 BKN 200 OVC	20			265	50	15	02	09		030		JP
SA	1255	E130 BKN 200 OVC	20			255	53	14	13	06		028	8/NOVC / 817 1078	JP
SA	1356	130 SCT 200 - OVC	20			245	55	15	09	06		025		JP
SA	1450	130 SCT 200 - BKN	20			243	56	14	10	03		025		JP
SA	1550	130 SCT 200 - BKN	20			242	56	16	09	03		025	610 1071 58 RADAT 20093	AO
SA	1650	200 - SCT	20			245	55	15	00	00		025		AO
SA	1750	200 - SCT	20			246	51	15	00	00		025		AO
SA	1850	200 - SCT	20			254	44	15	10	05		026	303 1001	AO
SA	1950	200 - SCT	20			255	42	15	10	08		027		AO
SA	2050	CLR	20			259	38	15	02	05		028		AO
SA	2150	CLR	20			258	40	15	03	05		029	210 58	AO
SA	2250	CLR	20			258	41	16	10	05		029		AO
SA	2350	CLR	20			258	40	17	35	05		029		AO

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE FEB 16, 1989

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	26.900	35		42	0															0	1	.010			00-01
01 50	26.880	36		49	0															0					01-02
02 50	26.870	32		45	0															0					02-03
03 55	26.860	33		45	0															0	6	040			03-04
04 57	26.870	36		49	1															0					04-05
05 54	26.870	31		47	1															0					05-06
06 55	26.890	33		45	8	7	Sc	E70	1	Ci	200	8								7	3	030			06-07
07 56	26.900	38		37	10															10					07-08
08 53	26.890	42		33	10															10					08-09
09 58	26.900	50		24	10	3	Ac	120	7	Cs	E200	10								10	3	.010			09-10
10 57	26.890	48		25	10															10					10-11
11 54	26.870	50		24	10															10					11-12
12 55	26.850	54		21	10	8	Ac	E130	2	Cs	200	10								10	8	050			12-13
13 56	26.820	55		20	10															4					13-14
14 50	26.820	56		19	6															2					14-15
15 50	26.820	56		20	8	3	Ac	130	5	Ci	200	8								3	6	.030			15-16
16 50	26.820	55		20	5															1					16-17
17 50	26.820	51		23	3															0					17-18
18 50	26.830	44		31	3	3	Ci	200												0	3	.010			18-19
19 50	26.840	42		33	2															0					19-20
20 50	26.850	38		39	0															0					20-21
21 50	26.860	40		36	0															0	2	.030			21-22
22 50	26.860	41		36	0															0					22-23
23 50	26.860	40		39	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353	X	0	0	X	36	29	X	X						X		
	0353	1	0	0	0	37	29		0								
	0956	2	0	0	0	50	28		0								
	1550	3	0	0	6	58	48		0								
	2150	4	0	0	0	58	38		0								
	MID.	X	0	0	0	42	36	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0958	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.900	26.820	26.860
BAROGRAPH 64	26.860	26.890	26.810	26.860
BAR. CORR. 65	0	+.010	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	28	0	0	0	13	E	0717					9	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0631 SUNSET 1725

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 TO NEAREST MINUTE AT: 1053 7P1 1706 1

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 17, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			261	38	16	06	05		030	303	AD
SA	0150	200 SCT	20			254	39	17	11	05		029		AD
SA	0250	200 - SCT	20			253	41	18	05	09		029		AD
SA	0354	200 - BKN	20			249	41	18	12	04		028	707 1006 36	JP
													RADAT 53094	
SA	0455	200 - OVC	20			246	40	18	03	08		027		JP
SA	0556	200 - OVC	20			257	40	18	04	07		029		JP
SA	0657	200 - BKN	20			270	37	17	08	06		032	310 1006	JP
SA	0758	200 - SCT	20			271	44	18	13	06		033		JP
SA	0855	200 - SCT	20			270	50	17	02	05		033		JP
SA	0953	200 - BKN	20			262	53	16	02	07		032	000 1006 36	JP
SA	1055	200 - BKN	20			256	57	17	21	03		030		JP
SA	1156	200 - OVC	20			242	61	18	31	04		027		JP
SA	1252	200 - OVC	20			236	62	17	30	05		025	820 1007	JP
SA	1354	200 - OVC	20			225	61	16	20	11		022		JP
SA	1450	200 - OVC	20			220	61	16	19	07		020		JP
SA	1550	200 - OVC	20			211	62	16	23	07		018	720 1007 63 RADAT 20116	AD
SA	1650	200 - OVC	20			214	60	16	22	07		018		AD
SA	1750	200 - OVC	20			216	55	16	00	00		018		AD
SA	1850	200 - OVC	20			219	48	17	10	05		017	863 1007	AD
SA	1950	200 - OVC	20			216	44	16	06	05		017		AD
SA	2050	200 - OVC	20			211	45	16	00	00		017		AD
SA	2150	200 - OVC	20			216	43	17	02	08		017	400 1007 63	AD
SA	2250	200 - OVC	20			202	43	16	00	00		015		AD
SA	2350	200 - OVC	20			202	39	17	36	05		015		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 17, 1989

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	26.870	38		40	0															0	3	.010			00-01
01 50	26.860	39		41	1															1					01-02
02 50	26.860	41		39	4															1					02-03
03 54	26.850	41		39	9	9	CI	200												2	7	020			03-04
04 55	26.840	40		41	10															4					04-05
05 56	26.860	40		41	10															4					05-06
06 57	26.880	37		44	6	6	CI	200												2	3	030			06-07
07 58	26.890	44		35	3															0					07-08
08 55	26.890	50		27	4															0					08-09
09 53	26.880	53		23	7	7	CI	200												0	0	000			09-10
10 55	26.870	57		21	9															1					10-11
11 56	26.840	61		19	10															1					11-12
12 52	26.830	66		17	10	10	CS	200												5	8	060			12-13
13 54	26.790	61		17	10															5					13-14
14 50	26.780	61		17	10															2					14-15
15 50	26.760	66		17	10	10	CS	200												3	7	.060			15-16
16 50	26.760	66		18	10															4					16-17
17 50	26.760	55		21	10															4					17-18
18 50	26.750	48		29	10	10	CS	200												4	8	.010			18-19
19 50	26.750	44		32	10															3					19-20
20 50	26.750	45		31	10															2					20-21
21 50	26.750	43		35	10	10	CS	200												3	4	.000			21-22
22 50	26.730	43		33	10															3					22-23
23 50	26.730	39		41	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	42	37	X	X						X		
	0352	1	0	0	0	42	36		0								
	0951	2	0	0	0	53	36		0								
	1550	3	0	0	0	63	53		0								
	2150	4	0	0	0	62	43		0								
	MID.	X	0	0	0	47	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.850	26.880	26.760	26.750
BAROGRAPH 64	26.850	26.870	26.770	26.760
BAR. CORR. 65	0	+.010	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
63	36	0	0	0	13	NE	0545					8	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0630 SUNSET 1726

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 TO NEAREST MINUTE AT: 1061 9P/ 1700/

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 18, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	200 - BKN	20			198	37	16	34	04		014	710 1008	AD
SA	0150	200 - SCT	20			190	38	16	08	04		012		AD
SA	0250	200 - SCT	20			191	36	17	00	00		012		AD
SA	0355	200 - SCT	20			184	35	18	15	03		009	714 1008 35 RADAT 21117	JP
SA	0458	200 - SCT	20			186	32	17	00	00		009		JP
SA	0556	130 SCT 200 - SCT	20			185	32	18	36	04		008		JP
SA	0657	200 - BKN	20			183	38	19	29	03		007	FEW AC NW / 807 1078	JP
SA	0755	130 SCT E200 BKN	20			182	44	20	33	05		007		JP
SA	0853	60 SCT 130 SCT E200 BKN	20			172	52	20	00	00		006		JP
SA	0954	60 SCT 130 SCT 200 - BKN	20			173	55	21	00	00		005	807 1578 31	JP
SA	1059	200 - OVC	20			158	60	21	21	06		003	FEW SCW AC N	JP
SA	1155	80 SCT 200 - OVC	20			143	62	20	00	00		999		JP
SA	1256	80 SCT E200 OVC	20			137	61	18	21	06		996	727 1078	JP
SA	1355	80 SCT 200 - OVC	20			129	62	18	21	08		994		JP
SA	1450	200 - BKN	20			116	65	17	22	14		991	FEW AC	JP
SA	1550	200 - SCT	20			114	64	18	22	09		990	720 1001 66 RADAT 20103	AD
SA	1650	200 - SCT	20			113	62	18	23	12		988		AD
SA	1750	140 SCT E200 BKN	20			116	57	17	22	08		988		AD
SA	1850	140 SCT 200 - OVC	20			119	54	21	11	06		990	500 1071	AD
SA	1950	140 SCT 200 - BKN	20			117	50	21	04	10		990		AD
SA	2050	200 SCT	20			114	48	18	05	09		990		AD
SA	2150	200 - ~~SCT~~ BKN	20			111	48	18	00	00		990	400 1001 66	AD
SA	2250	200 - BKN	20			105	44	18	02	07		987		AD
SA	2350	200 - OVC	20			102	46	20	05	07		987		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE FEB. 18, 1989

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	26.720	37		42	7	7	CS	200												1	7	.030			00-01
01 50	26.700	38		40	5															1					01-02
02 50	26.700	36		46	3															0					02-03
03 55	26.680	35		50	3	3	CS	200												0	7	040			03-04
04 58	26.680	32		54	3															0					04-05
05 56	26.670	36		56	3															1					05-06
06 57	26.660	38		46	7	0	Ac	130	7	Cs	200	7								1	8	020			06-07
07 55	26.660	44		38	9															7					07-08
08 53	26.650	52		28	9															7					08-09
09 54	26.640	55		26	8	1	Sc	60	2	Ac	130	3	5	Cs	200	8				4	8	020			09-10
10 59	26.620	60		22	10															2					10-11
11 55	26.580	62		20	10															3					11-12
12 56	26.560	61		19	10	3	Ac	80	7	Cs	E200	10								8	7	080			12-13
13 55	26.540	62		18	10															3					13-14
14 50	26.510	65		16	6															1					14-15
15 50	26.500	64		17	4	4	Ci	200												1	7	.060			15-16
16 50	26.490	62		18	3															0					16-17
17 50	26.490	57		21	9															6					17-18
18 50	26.500	54		27	10	3	Ac	140	7	Ci	200	10								5	5	.000			18-19
19 50	26.500	50		32	6															2					19-20
20 50	26.500	48		30	2															2					20-21
21 50	26.500	48		30	6	6	Ci	200												2	4	.000			21-22
22 50	26.480	44		35	9															3					22-23
23 50	26.480	46		35	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353	X	0	0	X	40	35	X	X						X		
	0353	1	0	0	0	47	35		0								
	0952	2	0	0	0	55	31		0								
	1550	3	0	0	0	66	55		0								
	2150	4	0	0	0	65	46		0								
	MID.	X	0	0	0	49	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.640	26.500	26.500
BAROGRAPH 64	26.680	26.640	26.500	26.500
BAR. CORR. 65	0	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	4 Any 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
66	31	0	0	0	22	SW	1517					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0629 SUNSET 1727

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1061 7P/ 1700/

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: FEB. 19, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0050	200 - OVC	20			098	47	19	02	07		986	710 1001	AD
SA	0150	200 - BKN	20			098	46	18	04	07		986		AD
SA	0250	200 - OVC	20			085	46	18	14	05		983		AD
SA	0350	200 - OVC	20			086	44	19	02	08		983	610 1007 43 RADAT 35101	HS
SA	0451	250 - BKN	20			088	44	19	32	07		983		HS
SA	0550	250 - SCT	20			096	40	19	06	03		984		HS
SA	0650	250 SCT	20			103	38	20	06	05		985	307 1008	HS
SA	0750	250 - SCT	20			107	48	21	35	03		987		HS
SA	0850	250 - BKN	20			105	54	25	27	09		987		HS
SA	0950	250 - BKN	20			111	55	27	25	12		990	214 1008 37	HS
SA	1050	250 - BKN	20			106	57	27	25	10		987	CU SE	HS
SA	1150	250 - SCT	20			091	60	26	22	11		984	FEW CU	HS
SA	1250	CLR	20			086	62	23	25	08		983	CU ALQDS 720 1001 COR 2126	HS
SA	1350	CLR	20			081	63	24	23	14		982	CU ALQDS	HS
SA	1450	60SCT	20			077	66	24	26	09		981		HS
SA	1555	100 SCT	20			078	67	22	23	07		982	605 1100 67	JS
													RADAT 29093	
SA	1650	100 SCT	20			083	64	25	30	09		982		JS
SA	1750	100 SCT	20			085	60	23	22	05		984		JS
SA	1850	CLR	20			103	57	22	01	08		986	314 1500	JS
SA	1957	CLR	20			108	56	22	02	15		988	Few Sc	JS
SA	2053	CLR	20			116	54	21	01	11		992	Sc E	JS
SA	2151	CLR	20			130	50	19	17	04		995	229 67	JS
SA	2253	CLR	20			136	49	18	06	06		997		JS
SA	2356	CLR	20			144	44	20	03	09		000		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

(4-80)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE FEB, 19 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.470	47		32	10	10	Ci	200												3	7	.030			00-01
01 50	26.470	46		32	8															2					01-02
02 50	26.440	46		32	10															2					02-03
03 50	26.440	44		37	10	10	Cs	200												3	6	.030			03-04
04 51	26.440	44		36	7															3					04-05
05 50	26.450	46		43	5															1					05-06
06 50	26.460	38		48	3	3	Cs	250												2	3	.020			06-07
07 50	26.480	43		33	3															1					07-08
08 50	26.480	54		33	8															2					08-09
09 50	26.500	55		33	6	6	Cs	250												1	2	.040			09-10
10 50	26.480	57		32	6															2					10-11
11 50	26.450	60		28	2															1					11-12
12 50	26.440	62		23	0	0	Cu	60	0	Ci	250	0								0	7	.060			12-13
13 50	26.430	63		22	0															0					13-14
14 50	26.420	66		20	1															1					14-15
15 55	26.425	67		18	2	2	Cu	100												2	6	.015			15-16
16 50	26.430	64		22	2															2					16-17
17 50	26.450	60		24	2															2					17-18
18 50	26.465	57		26	0	0	Sc	80												0	3	.040			18-19
19 57	26.490	56		27	0															0					19-20
20 53	26.520	54		27	0															0					20-21
21 51	26.550	50		29	0															0	2	.085			21-22
22 53	26.570	49		29	0															0					22-23
23 56	26.585	44		38	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TOD 0348	X	0	0	X	48	43	X	X						X		
	0348	1	0	0	0	49	43		0								
	0948	2	0	0	0	55	37		0								
	1550	3	0	0	0	67	55		0								
	2149	4	0	0	0	67	50		0								
	MID.	X	0	0	0	52	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1555	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.500	26.425	26.550
BAROGRAPH 64	26.430	26.490	26.420	26.540
BAR. CORR. 65	+.010	+.010	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	37	0	0	0	20	SW	1354					3	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0628 SUNSET 1728

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 TO NEAREST MINUTE AT: 10852 12008 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 20 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			144	42	20	04	08		000	114	JS
SA	0151	CLR	20			150	41	20	07	05		061		JS
SA	0250	CLR	20			154	41	24	11	05		003		JS
SA	0351	CLR	20			157	38	21	28	06		003	210 38 RADAT 32077	HS
SA	0453	CLR	20			167	39	23	06	05		006		HS
SA	0553	CLR	20			177	36	20	15	04		007		HS
SA	0650	CLR	20			191	35	21	07	03		011	224	HS
SA	0750	CLR	20			196	47	24	36	08		014		HS
SA	0850	CLR	20			199	51	22	03	09		015		HS
SA	0952	CLR	20			204	54	20	03	11		016	117 34	HS
SA	1050	CLR	20			211	55	19	36	13		018		HS
SA	1150	CLR	20			205	57	18	05	14		016		HS
SA	1250	CLR	20			197	59	18	14	05		014	807	HS
SA	1350	CLR	20			193	60	17	05	09	G19	013		HS
SA	1450	CLR	20			190	61	17	02	12		012		HS
SA	1550	CLR	20			194	61	17	03	12		013	603 62	JS
SA	1650	CLR	20			202	60	15	05	12		015	RADAT 35084	JS
SA	1751	CLR	20			213	55	15	05	09		017		JS
SA	1850	CLR	20			224	52	15	06	13		019	220	JS
SA	1952	CLR	20			225	51	17	03	12		022		JS
SA	2051	CLR	20			229	48	21	02	13		023		JS
SA	2152	CLR	20			235	47	22	05	11		025	217 62	JS
SA	2250	CLR	20			243	47	21	03	12		027		JS
SA	2351	CLR	20			245	45	21	08	09		028		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 20 1989

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	26.590	42		42	0															0	1	.040			00-01
01 51	26.600	41		42	0															0					01-02
02 50	26.615	41		50	0															0					02-03
03 51	26.620	38		51	0															0	2	.030			03-04
04 53	26.645	39		52	0															0					04-05
05 53	26.660	36		54	0															0					05-06
06 50	26.690	35		56	0															0	2	.070			06-07
07 50	26.720	47		40	0															0					07-08
08 50	26.730	51		31	0															0					08-09
09 52	26.740	54		26	0															0	1	.050			09-10
10 50	26.760	55		24	0															0					10-11
11 50	26.740	57		22	0															0					11-12
12 50	26.720	59		20	0															0	8	.020			12-13
13 50	26.710	60		19	0															0					13-14
14 50	26.700	61		18	0															0					14-15
15 50	26.710	61		18	0															0	6	.010			15-16
16 50	26.730	60		17	0															0					16-17
17 51	26.745	58		20	0															0					17-18
18 50	26.770	52		23	0															0	2	.060			18-19
19 52	26.790	51		26	0															0					19-20
20 51	26.800	48		34	0															0					20-21
21 52	26.820	47		36	0															0	2	.050			21-22
22 50	26.840	47		36	0															0					22-23
23 51	26.845	45		38	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	44	38	X	X						X		
	0349	1	0	0	0	52	38		0								
	0950	2	0	0	0	55	34		0								
	1548	3	0	0	0	62	54		0								
	2149	4	0	0	0	61	47		0								
	MID.	X	0	0	0	47	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1550	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.740	26.710	26.820
BAROGRAPH 64	26.630	26.750	26.720	26.825
BAR. CORR. 65	-.010	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	34	0	0	0	19	NE	1345 ‡					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 0627 SUNSET 1729

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 TO NEAREST MINUTE AT: 10900 / 1956 /

‡ Last of Several Occurrences

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 21 1989

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			245	45	21	06	08		028	210	JS
SA	0151	CLR	20			249	44	22	05	18		029		JS
SA	0250	CLR	20			244	44	21	06	12		028		JS
SA	0350	CLR	20			245	43	22	05	13		028	000 1030 43 RADAT 20105	HS
SA	0450	CLR	20			254	42	22	04	15		030	AC NW	HS
SA	0550	CLR	20			264	42	21	07	08		033	FEW AC	HS
SA	0650	CLR	20			269	43	21	02	09		034	217	HS
SA	0750	CLR	20			279	47	21	05	12		037	AC NW	HS
SA	0850	CLR	20			283	50	20	04	08		038	CI W	HS
SA	0950	250 - BKN	20			282	53	21	02	10		038	114 1001 41	HS
SA	1050	250 - BKN	20			276	57	20	11	05		037		HS
SA	1150	250 - SCT	20			271	60	19	11	04		036		HS
SA	1250	250 - SCT	20			259	62	18	29	05		033	817 1001	HS
SA	1350	250 - SCT	20			247	64	18	00	00		029		HS
SA	1450	250 - SCT	20			240	65	18	26	03		028		HS
SA	1550	250 SCT	20			242	64	18	31	04		028	615 1001 66	JS
													RADAT 67112	
SA	1651	250 SCT	20			243	63	19	21	08		028		JS
SA	1756	CLR	20			252	57	19	20	04		029	FEW CI	JS
SA	1855	CLR	20			258	54	18	12	05		031	310	JS
SA	1950	CLR	20			265	48	18	05	06		033		JS
SA	2050	CLR	20			272	47	18	10	07		035		JS
SA	2150	~~CLR~~ 250 SCT	20			275	47	18	10	06		036	215 1001 66	JS
SA	2251	250 - SCT	20			275	48	19	05	04		037		JS
SA	2350	250 - SCT	20			274	43	19	09	03		037		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 21 1989

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	26.850	45		40	0															0	2	.030			00-01
01 51	26.860	44		40	0															0					01-02
02 50	26.850	44		41	0															0					02-03
03 50	26.850	43		42	0	0	Ac	150												0	0	.000			03-04
→ 04 50	26.870	42		45	0															0					04-05
05 50	26.890	42		43	0															0					05-06
06 50	26.900	43		42	0															0	2	.050			06-07
07 50	26.930	47		36	0															0					07-08
08 50	26.940	50		31	0															0					08-09
09 50	26.940	53		28	6	6	Ci	250												0	1	.040			09-10
10 50	26.930	57		23	6															0					10-11
11 50	26.920	60		19	2															0					11-12
12 50	26.890	62		19	3	3	Ci	250												0	8	.050			12-13
13 50	26.860	64		17	4															0					13-14
14 50	26.845	65		16	4															0					14-15
15 50	26.845	64		17	1	1	Ci	250												1	6	.045			15-16
16 51	26.845	63		18	1															1					16-17
17 56	26.860	57		22	0															0					17-18
18 55	26.875	54		25	0															0	3	.030			18-19
19 50	26.890	48		30	0															0					19-20
20 50	26.910	47		31	0															0					20-21
21 50	26.920	47		32	1	1	Ci	250												1	2	.045			21-22
22 51	26.930	48		31	1															0					22-23
23 50	26.925	43		37	2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	45	43	X	X						X		
	0348	1	0	0	0	47	43		0								
	0948	2	0	0	0	53	41		0								
	1548	3	0	0	0	66	53		0								
	2148	4	0	0	0	66	45		0								
	MID.	X	0	0	0	48	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.850	26.940	26.845	26.920
BAROGRAPH 64	26.870	26.950	26.840	26.890
BAR. CORR. 65	+.020	-.010 *	+.005	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
66	41	0	0	0	20	NE	0209					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 0625 SUNSET 1730

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 TO NEAREST MINUTE AT: 10530 / 1954 /

* BAROGRAPH CHANGED

// LAST OF Several Occurrences

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 22 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 - BKN	20			275	44	19	07	05		037	103 1001	JS
SA	0153	250 - SCT	20			274	41	19	34	06		037		JS
SA	0250	150 SCT 250 SCT	20			266	42	20	07	04		035		JS
SA	0350	250 SCT	20			267	42	20	05	03		035	607 1032 41 RADAT 58109	HS
SA	0450	250 SCT	20			270	39	19	01	04		035	FEW AC	HS
SA	0551	250 - SCT	20			274	43	21	08	07		036		HS
SA	0651	250 - OVC	20			275	44	20	00	00		036	103 1002	HS
SA	0750	250 - OVC	20			283	50	23	21	03		038	FEW AC	HS
SA	0850	250 - BKN	20			285	54	24	01	04		039		HS
SA	0951	250 - BKN	20			278	60	21	13	06		038	007 1008 38	HS
SA	1050	250 - OVC	20			268	63	21	15	06		036		HS
SA	1155	250 - OVC	20			254	66	21	12	11		032		HS
SA	1252	250 - OVC	20			241	68	22	09	04		028	730 1007	HS
SA	1350	250 - OVC	20			226	70	22	12	11		024		HS
SA	1451	250 - OVC	20			218	69	24	18	05		022		HS
SA	1553	250 - OVC	20			217	70	25	15	09		022	620 1007 71 RADAT	JS
													27123	
SA	1652	250 - BKN	20			220	69	26	17	05		022		JS
SA	1750	250 - BKN	20			220	65	24	21	05		022		JS
SA	1852	250 - SCT	20			222	59	27	11	08		022	400 1008	JS
SA	1950	250 SCT	20			220	58	28	10	06		022		JS
SA	2055	250 - BKN	20			220	54	28	09	07		022		JS
SA	2150	250 - OVC	20			221	50	26	00	00		023	302 1007 71	JS
SA	2250	250 - OVC	20			217	49	27	00	00		022		JS
SA	2352	250 - OVC	20			216	46	26	05	05		021		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

NATIONAL WEATHER SERVICE

NASA, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE FEB 22 1989

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	26.930	44		37	7	7	Ci	250												1	1	.010			00-01
01 53	26.925	41		41	3															1					01-02
02 50	26.910	41		41	3															2					02-03
03 50	26.910	42		41	3	0	Ac	150	3	Ci	250	3								2	6	.020			03-04
04 50	26.910	39		45	5															3					04-05
05 51	26.920	43		41	4															2					05-06
06 51	26.920	44		39	10	10	Ci	250												4	1	.010			06-07
07 50	26.940	50		35	10															5					07-08
08 50	26.950	54		31	9															3					08-09
09 51	26.940	60		22	9	9	Cs	250												3	0	.020			09-10
10 50	26.920	63		21	10															2					10-11
11 55	26.880	66		18	10															2					11-12
12 52	26.850	68		17	10	10	Cs	250												2	7	.090			12-13
13 50	26.810	70		17	10															3					13-14
14 51	26.790	74		18	10															2					14-15
15 53	26.790	76		18	10	10	Cs	250												3	6	.060			15-16
16 52	26.790	69		20	9															3					16-17
17 50	26.790	63		21	8															2					17-18
18 52	26.790	59		29	4	4	Cs	250												1	4	.000			18-19
19 50	26.790	55		32	4															3					19-20
20 55	26.790	54		36	8															3					20-21
21 50	26.795	50		39	10	10	Cs	250												4	3	.005			21-22
22 50	26.790	49		42	10															4					22-23
23 52	26.785	46		46	10															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	46	41	X	X						X		
	0348	1	0	0	0	48	41		0								
	0949	2	0	0	0	60	38		0								
	1549	3	0	0	0	71	60		0								
	2148	4	0	0	0	71	50		0								
	MID.	X	0	0	0	52	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1553	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.910	26.940	26.790	26.795
BAROGRAPH 64	26.890	26.920	26.775	26.780
BAR. CORR. 65	+.020	+.020	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
71	38	0	0	0	15	SE	1145					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0624 SUNSET 1731

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 TO NEAREST MINUTE AT: 1 0845 / 1953 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION

DATE FEB 23 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 - OVC	20			213	46	27	07	04		020	705 1007	JS
SA	0150	250 - OVC	20			209	44	26	00	00		019		JS
SA	0250	250 - OVC	20			202	43	26	02	07		017		JS
SA	0350	250 - OVC	20			202	44	27	07	04		017	610 1007 42	SH
	—		—			—						—	RADAT 21120	—
SA	0454	250 - BKN	20			202	43	27	08	04		017		SH
SA	0554	250 - OVC	20			200	44	26	27	03		016		SH
SA	0658	E250 OVC	20			207	44	27	04	08		017	ACSL SE/ 500 1047	SH
SA	0752	150 SCT 250 - OVC	20			206	53	28	03	03		018		SH
SA	0852	150 SCT 250 - BKN	20			210	59	28	33	05		019		SH
SA	0955	150 SCT 250 - OVC	20			210	62	28	33	04		019	107 1057 42	SH
SA	1055	150 SCT E250 BKN	20			201	66	27	11	13		017		SH
SA	1157	150 SCT 250 - OVC	20			194	69	29	14	10		015		SH
SA	1255	E150 BKN 250 OVC	20			180	71	28	14	10		012	724 1057	SH
SA	1354	E150 BKN 250 OVC	20			175	71	30	20	07		009		SH
SA	1448	E150 BKN 250 OVC	20			171	71	29	18	08		008		SH
SA	1552	E170 BKN 250 OVC	20			162	72	30	18	16		006	717 1077 72 RADAT 26116	CRD
SA	1659	E170 BKN 250 BKN	20			165	69	27	17	08		006		CRD
SA	1750	E170 BKN 250 BKN	20			165	65	27	11	12		006		CRD
SA	1858	170 SCT E250 BKN	20			173	61	28	12	11		007	303 1078	CRD
SA	1955	170 SCT 250 SCT	20			171	60	28	11	12		008		CRD
SA	2050	250 SCT	20			170	59	28	11	11		008		CRD
SA	2151	250 SCT	20			172	57	28	12	10		009	307 1008 72	CRD
SA	2250	170 SCT E250 BKN	20			171	54	28	35	03		009		CRD
SA	2352	250 - BKN	20			174	53	28	08	05		010		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: FEB 23 1989

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	26.780	46		46	10	10	CS	250												4	7	.015			00-01
01 50	26.770	44		49	10															4					01-02
02 50	26.750	43		51	10															5					02-03
03 50	26.750	44		51	10	10	CS	250												5	6	.030			03-04
04 54	26.750	43		52	8															3					04-05
05 54	26.740	44		51	10															5					05-06
06 58	26.750	44		51	10	0	ACSL	140	10	CS	E250	10								6	5	.000			06-07
07 52	26.760	53		38	10															4					07-08
08 52	26.770	59		29	8															4					08-09
09 55	26.770	62		27	10	2	AC	150	8	CS	250	10								3	1	.020			09-10
10 55	26.750	66		23	9															5					10-11
11 57	26.730	69		22	10															4					11-12
12 55	26.700	71		21	10	6	AC	E150	4	CS	250	10								8	7	.070			12-13
13 54	26.680	71		22	10															8					13-14
14 48	26.670	71		21	10															9					14-15
15 52	26.650	72		21	10	6	AC	E170	4	CS	250	10								9	7	.050			15-16
16 59	26.650	67		21	8															8					16-17
17 50	26.650	65		24	8															8					17-18
18 58	26.660	61		28	7	4	AC	170	3	CS	E250	7								7	3	.010			18-19
19 55	26.670	60		30	3															3					19-20
20 50	26.670	59		31	3															3					20-21
21 51	26.680	57		33	3	3	CS	250												3	3	.020			21-22
22 50	26.680	54		37	7															4					22-23
23 52	26.685	53		38	7															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		47	42										
	0347	1	0	0	0	52	42		0								
	0953	2	0	0	0	62	42		0								
	1549	3	0	0	0	72	62		0								
	2147	4	0	0	0	72	57		0								
	MID.		0	0	0	57	51										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0953	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.770	26.650	26.680
BAROGRAPH 64	26.730	26.750	26.640	26.670
BAR. CORR. 65	+.020	+.020	+.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	4PM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	42	0	0	0	21	5	1553					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0623 SUNSET 1732

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1065 / 1800 /

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 24 1989

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	0054	250-BKN	20			172	49	28	03	06		009	000 1008	CRD
SA	0151	250-BKN	20			171	48	27	09	07		009		CRD
SA	0251	250-BKN	20			171	48	28	36	08		009		CRD
SA	0353	250-BKN	20			171	48	27	08	04		009	500 1008 47	SH
	—		—			—						—	RADAT 31121	—
SA	0452	E250 OVC	20			174	48	28	09	06		011		SH
SA	0550	E250 OVC	20			180	46	27	36	05		011		SH
SA	0654	E250 OVC	20			190	46	28	02	07		013	310 1007	SH
SA	0753	E250 BKN	20			195	52	29	00	00		015	FEW AC	SH
SA	0854	160 SCT 250 SCT	20			191	61	28	04	03		015		SH
SA	0952	160 SCT 250 SCT	20			189	65	28	07	04		015	107 1078 44	SH
SA	1051	250 SCT	20			185	72	28	19	04		015	ACSLSE	SH
SA	1151	160 SCT 250-BKN	20			178	75	17	21	13	G24	013		SH
SA	1255	160 SCT E250 BKN	20			170	78	25	21	12	G21	011	814 1078	SH
SA	1355	160 SCT 250-OVC	20			168	77	25	22	15		009		SH
SA	1449	160 SCT E250 BKN	20			165	77	24	20	15	G22	008		SH
SA	1550	160 SCT E250 BKN	20			164	75	23	21	14	G19	008	708 1078 78 RADAT 22117	CRD
SA	1652	160 SCT E250 BKN	20			168	74	22	21	09		008		CRD
SA	1753	160 SCT E250 BKN	20			176	71	18	21	09		011		CRD
SA	1851	160 SCT E250 BKN	20			180	64	13	09	03		011	208 1078	CRD
SA	1956	160 SCT E250 BKN	20			182	63	12	18	03		013		CRD
SA	2055	160 SCT E250 OVC	20			186	62	11	13	04		014		CRD
SA	2150	160 SCT E250 OVC	20			186	65	12	31	03		015	214 1077 78	CRD
SA	2252	160 SCT E250 BKN	20			186	59	15	05	05		015		CRD
SA	2352	160 SCT 250 SCT	20			184	58	17	07	03		015		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Hiii $i_R i_x$ hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_L C_L C_M C_H$ plus regional and national data groups.

MF 1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 24 1989

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 54	26.680	49		44	6	6	CS	250												3	0	.000			00-01
01 51	26.675	48		44	7															3					01-02
02 51	26.675	48		46	7															3					02-03
03 53	26.680	48		44	7	7	CS	250												3	5	.000			03-04
04 52	26.685	48		45	10															6					04-05
05 50	26.690	46		49	10															6					05-06
06 54	26.710	46		50	10	10	CS	E250												6	3	.030			06-07
07 53	26.730	52		40	6															5					07-08
08 54	26.730	61		29	3															3					08-09
09 56	26.730	65		25	3	1	AC	160	2	CS	250	3								2	1	.020			09-10
10 51	26.725	76		20	3															3					10-11
11 51	26.710	75		12	6															1					11-12
12 55	26.690	78		14	8	4	AC	160	4	CS	E250	8								5	8	.040			12-13
13 55	26.680	77		14	10															2					13-14
14 49	26.670	77		14	9															6					14-15
15 50	26.665	75		14	8	3	AC	160	5	CS	E250	8								5	7	.025			15-16
16 52	26.670	74		14	8															5					16-17
17 53	26.685	71		13	8															5					17-18
18 51	26.690	62		13	7	3	AC	160	4	CS	E250	7								5	2	.025			18-19
19 56	26.710	63		13	7															5					19-20
20 55	26.720	62		13	10															7					20-21
21 50	26.730	65		12	10	3	AC	160	7	CS	E250	10								10	2	.040			21-22
22 52	26.730	59		18	7															4					22-23
23 52	26.730	58		20	5															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	54	47	X	X						X		
	0349	1	0	0	0	57	47		0								
	0952	2	0	0	0	66	44		0								
	1548	3	0	0	0	78	65		0								
	2147	4	0	0	0	75	60		0								
	MID.	X	0	0	0	65	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.730	26.665	26.730
BAROGRAPH 64	26.660	26.720	26.675	26.735
BAR. CORR. 65	+.020	+.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	44	0	0	0	29	SW	1234					7	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0622 SUNSET 1733

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 TO NEAREST MINUTE AT: 1094011800 1

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 25 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0054	E250 BKN	20			175	65	21	12	07		014	803 1008	CRD
SA	0154	E250 BKN	20			173	63	21	07	07		013		CRD
SA	0250	250 SCT	20			171	65	20	32	04		013		CRD
SA	0352	250 SCT	20			179	60	19	31	05		014	500 1008 58 RADAT 46110	SH
SA	0452	250 - BKN	20			186	54	20	03	06		015		SH
SA	0554	160 SCT E250 OVC	20			189	51	20	07	04		015		SH
SA	0655	160 SCT E250 OVC	20			196	53	21	06	06		016	207 1077	SH
SA	0754	160 SCT 250 - BKN	20			199	63	22	00	00		018		SH
SA	0852	250 - BKN	20			200	68	21	29	02		019	FEW AC	SH
SA	0955	250 - BKN	20			197	71	20	24	09		019	110 1008 51	SH
SA	1053	250 - BKN	20			206	73	24	21	15		022		SH
SA	1154	160 SCT E250 BKN	20			196	75	28	21	14		018		SH
SA	1254	160 SCT E250 BKN	20			186	73	28	20	11		017	808 1078	SH
SA	1354	160 SCT 250 - OVC	20			181	75	28	22	13		015		SH
SA	1448	E160 BKN 250 OVC	20			180	76	28	22	12		015		SH
SA	1553	150 SCT 250 ~~OVC~~ BKN	20			175	75	28	18	14		013	812 1078 76 NDAT 53121	CRD
SA	1654	150 SCT 250 SCT	20			174	74	30	22	10		012		CRD
SA	1753	150 SCT 250 SCT	20			175	70	30	20	06		011		CRD
SA	1850	250 SCT	20			174	71	30	22	12		011	607 1008	CRD
SA	1955	250 SCT	20			173	68	30	19	12		012		CRD
SA	2055	250 SCT	20			170	68	28	20	10		012		CRD
SA	2151	250 SCT	20			174	67	27	20	09		013	307 1008 76	CRD
SA	2256	250 SCT	20			174	67	25	24	07		013		CRD
SA	2350	250 SCT	20			163	69	25	21	15		011		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 25 1989

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 54	26.720	65		18	7	7	CS	E250												5	8	.010			00-01
01 54	26.710	63		20	6															4					01-02
02 50	26.710	65		18	4															4					02-03
03 52	26.720	66		20	5	5	CS	250												4	5	.000			03-04
04 52	26.730	64		26	8															4					04-05
05 54	26.730	61		29	10															6					05-06
06 55	26.740	58		28	10	2	AC	160	8	CS	E250	10								6	2	.020			06-07
07 54	26.760	66		20	8															4					07-08
08 52	26.770	68		17	6															2					08-09
09 55	26.770	71		14	8	8	CS	250												4	1	.030			09-10
10 53	26.785	73		16	7															3					10-11
11 54	26.760	75		17	6															5					11-12
12 54	26.745	73		18	8	1	AC	160	7	CS	E250	8								6	8	.025			12-13
13 54	26.730	75		18	10															4					13-14
14 48	26.730	76		17	10															6					14-15
15 53	26.710	75		18	6	2	AC	150	4	CS	250	6								3	8	.035			15-16
16 54	26.700	74		20	3															3					16-17
17 53	26.690	70		23	3															3					17-18
18 50	26.690	71		22	3	3	CS	250												2	6	.020			18-19
19 55	26.700	66		24	3															2					19-20
20 55	26.700	68		22	2															2					20-21
21 51	26.710	67		22	2	2	CS	250												2	3	.020			21-22
22 56	26.710	61		20	2															2					22-23
23 50	26.690	59		19	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	67	57	X	X						X		
	0348	1	0	0	0	67	57		0								
	0946	2	0	0	0	72	51		0								
	1548	3	0	0	0	76	71		0								
	2148	4	0	0	0	75	67		0								
	MID.	X	0	0	0	69	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.770	26.710	26.710
BAROGRAPH 64	26.710	26.760	26.720	26.705
BAR. CORR. 65	+.010	+.010	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
76	51	0	0	0	21	SW	1523					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0620 SUNSET 1734

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 TO NEAREST MINUTE AT: 1062O / 1830 /

0655/0655

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 26 1989

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 SCT	20			166	67	27	21	08		011	607 1008	CRD
SA	0151	250 SCT	20			166	63	27	23	10		011		CRD
SA	0250	250 SCT	20			162	62	28	24	07		009		CRD
SA	0353	250 SCT	20			164	60	30	24	07		009	603 1008 60 RADAT 33121	RD
SA	0452	250 SCT	20			166	55	29	02	07		010		RD
SA	0550	250 SCT	20			173	53	30	08	05		011	FEW AC	RD
SA	0653	250 SCT	20			176	53	30	05	10		012	207 1051	RD
SA	0752	250 SCT	20			176	64	32	33	03		013		RD
SA	0853	250 -BKN	20			176	66	32	28	04		014		RD
SA	0954	250 -BKN	20			175	70	34	22	10		014	105 1008 52	RD
SA	1052	250 -BKN	20			171	71	34	24	12		012		RD
SA	1151	250 -BKN	20			160	73	35	24	08		009	CU S	RD
SA	1254	250 -BKN	20			155	73	35	22	11		007	719 1108	RD
SA	1353	250 -BKN	20			144	74	34	22	10		004		RD
SA	1450	250 -BKN	20			136	74	34	24	08		002		RD
SA	1550	250 - BKN	20			138	73	32	21	08		002	617 1008 76 RADAT 38112	CH
SA	1650	250 - BKN	20			134	73	32	22	07		000		CH
SA	1750	250 - BKN	20			137	67	32	34	06		000		CH
SA	1850	250 - BKN	20			139	63	32	35	07		000	607 1008	CH
SA	1950	250 - BKN	20			134	62	32	04	08		000		CH
SA	2050	250 - BKN	20			136	62	32	00	00		001		CH
SA	2150	250 - BKN	20			138	63	30	04	10		002	307 1008 76	CH
SA	2250	250 - BKN	20			138	62	26	03	10		002		CH
SA	2350	250 - BKN	20			142	60	27	00	00		003		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIIII Ipi hVV Nddff 1s TTT 2s T T T 3P P P P 4PPPP 5appp 6RRRtp 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE FEB 26 1989

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	26.690	[illegible]		22	1	1	Cs	250												1	6	.020			00-01
01 51	26.690	[illegible]		25	1															1					01-02
02 50	26.680	[illegible]		27	1															1					02-03
03 53	26.680	60		32	1	1	Cs	250												1	6	.010			03-04
04 52	26.685	[illegible]		37	1															1					04-05
05 50	26.690	63		41	1															1					05-06
06 53	26.700	63		41	1	0	Ac	100	1	Ci	250	1								1	2	.020			06-07
07 52	26.710	64		30	1															1					07-08
08 53	26.715	66		28	6															3					08-09
09 54	26.715	76		27	6	6	Cs	250												2	1	.015			09-10
10 52	26.700	71		26	6															2					10-11
11 51	26.680	73		25	8															2					11-12
12 54	26.660	73		25	8	0	Cu	80	8	Cs	250	8								2	7	.055			12-13
13 53	26.630	74		23	8															2					13-14
14 50	26.610	74		23	8															2					14-15
15 50	26.610	73		22	8	8	Cs	250												1	6	.050			15-16
16 50	26.590	73		22	8															2					16-17
17 50	26.590	67		27	8															2					17-18
18 50	26.590	63		31	8	8	Cs	250												2	6	.020			18-19
19 50	26.590	61		32	7															2					19-20
20 50	26.600	61		32	7															2					20-21
21 50	26.610	63		30	7	7	Cs	250												2	3	.020			21-22
22 50	26.610	61		25	7															2					22-23
23 50	26.620	66		28	7															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	69	60	X	X						X		
	0345	1	0	0	0	69	60		0								
	0949	2	0	0	0	70	52		0								
	1548	3	0	0	0	76	69		0								
	2148	4	0	0	0	73	61		0								
	MID.	X	0	0	0	63	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.715	26.610	26.610
BAROGRAPH 64	26.675	26.710	26.600	26.590
BAR. CORR. 65	+.005	+.005	+.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 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
76	52	0	0	0	20	SW	0015					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0619 SUNSET 1735

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1045 6 / 1630 /

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **FEB 27 1989**

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	250-BKN	20			145	54	24	06	07		003	103 1008	CH
SA	0150	250-BKN	20			142	51	23	05	06		002		CH
SA	0250	250-BKN	20			141	54	22	01	05		002		CH
SA	0354	250-SCT	20			138	54	22	02	10		001	807 1008 50 RADAT 20106	RD
SA	0454	250-SCT	20			142	53	24	05	12		002		RD
SA	0553	CLR	20			147	51	23	03	10		002		RD
SA	0652	CLR	20			151	49	24	05	09		003	307 1008	RD
SA	0755	CLR	20			153	54	26	02	10		004		RD
SA	0859	CLR	20			150	58	23	02	11		003		RD
SA	0954	CLR	20			147	61	22	05	12		003	000 49	RD
SA	1050	CLR	20			136	64	19	03	08		001		RD
SA	1150	CLR	20			125	66	15	03	07		997		RD
SA	1252	CLR	20		112	~~122~~	68	16	27	05		993	732 1001	RD
SA	1355	CLR	20			094	71	16	28	09		987		RD
SA	1450	CLR	20			082	71	19	28	12		985		RD
SA	1550	CLR	20			074	70	18	27	14		982	732 72 RADAT 20101	CH
SA	1650	CLR	20			072	68	17	28	10		981		CH
SA	1750	CLR	20			077	60	12	33	07		981		CH
SA	1850	CLR	20			081	56	6	05	05		981	603	CH
SA	1950	CLR	20			080	53	6	05	08		981		CH
SA	2050	CLR	20			079	51	4	00	00		981		CH
SA	2150	CLR	20			082	48	6	08	04		982	303 72	CH
SA	2250	CLR	20			080	50	6	00	00		982		CH
SA	2350	CLR	20			085	46	4	14	05		983		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRiyhVV Nddff 1sn TTT 2sn TdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE FEB 27 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0050	26.620	[illegible]		31	7	7	CS	250												2	1	.010			00-01
0150	26.610	[illegible]		33	7															2					01-02
0250	26.610	[illegible]		29	7															2					02-03
0354	26.600	[illegible]		29	5	5	CS	250												1	8	.020			03-04
0454	26.610	[illegible]		32	3															1					04-05
0553	26.610	[illegible]		33	0															0					05-06
0652	26.620	[illegible]		38	0	0	CS	250												0	3	.020			06-07
0755	26.625	[illegible]		34	0															0					07-08
0859	26.620	[illegible]		26	0															0					08-09
0954	26.620	[illegible]		22	0															0	0	.000			09-10
1050	26.600	[illegible]		18	0															0					10-11
1150	26.565	[illegible]		14	0															0					11-12
1252	26.525	[illegible]		13	0	0	CI	250												0	7	.095			12-13
1355	26.480	[illegible]		12	0															0					13-14
1450	26.455	[illegible]		14	0															0					14-15
1550	26.430	[illegible]		14	0															0	7	.095			15-16
1650	26.420	[illegible]		14	0															0					16-17
1750	26.420	[illegible]		15	0															0					17-18
1850	26.420	[illegible]		13	0															0	6	.010			18-19
1950	26.420	[illegible]		15	0															0					19-20
2050	26.420	[illegible]		14	0															0					20-21
2150	26.430	[illegible]		18	0															0	3	.010			21-22
2250	26.430	[illegible]		16	0															0					22-23
2350	26.440	[illegible]		17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	62	50	X	X						X		
	0349	1	0	0	0	63	50		0								
	0950	2	0	0	0	61	49		0								
	1548	3	0	0		72	61		0								
	2148	4	0	0	0	70	48		0								
	MID.	X	0	0	0	51	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.620	26.430	26.430
BAROGRAPH 64	26.585	26.605	26.420	26.410
BAR. CORR. 65	+.015	+.015	+.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 UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	46	0	0	0	22	W	1456					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 0618 SUNSET 1736

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 TO NEAREST MINUTE AT: 0506 / 1710 /

~~1252 / 100 SLP 42 / 1345~~

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: FEB 28 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			085	43	4	02	05		983	103	CH
SA	0150	CLR	20			081	40	6	00	00		982		CH
SA	0250	CLR	20			077	40	6	00	00		981	~~607~~	CH
SA	0353	CLR	20			078	41	4	36	03		981	607 38 RADAT 44093	RD
SA	0455	CLR	20			082	40	5	11	06		982		RD
SA	0552	CLR	20			089	38	5	09	04		983		RD
SA	0652	CLR	20			094	41	9	10	05		984	208 1001	RD
SA	0750	CLR	20			097	47	9	21	04		985		RD
SA	0855	CLR	20			091	55	8	20	03		984		RD
SA	0954	CLR	20			092	62	10	34	03		985	303 36	RD
SA	1053	CLR	20			086	65	10	29	04		984		RD
SA	1152	CLR	20			080	66	11	28	04		982		RD
SA	1253	CLR	20			071	67	18	29	07		980	717 1101	RD
SA	1355	250 SCT	20			066	66	19	23	07		977	Cu N	RD
SA	1450	250 SCT	20			065	67	18	25	09		977		RD
SA	1550	250 SCT	20			068	67	20	25	08		977	505 1101 68 RADAT 39094	CH
SA	1650	250 SCT	20			074	65	20	26	06		979		CH
SA	1750	CLR	20			076	60	19	29	04		979		CH
SA	1850	CLR	20			081	54	16	00	00		980	207	CH
SA	1950	CLR	20			085	50	15	05	04		981		CH
SA	2050	CLR	20			090	47	14	09	04		983		CH
SA	2150	CLR	20			090	46	15	08	05		984	214 68	CH
SA	2250	CLR	20			084	48	15	00	00		983		CH
SA	2350	CLR	20			090	43	16	00	00		984		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii iρi hVV Nddff 1s₀TTT 2s₀T₀T₀T₀ 3P₀P₀P₀P₀ 4PPPP 5appp 6RRRtR 7wwW₁W₂ 8N_hC_LC_MC_H plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE FEB 28 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0050	26.440			20	0															0	1	.010			00-01
0150	26.430			24	0															0					01-02
0250	26.420			24	0															0					02-03
0353	26.420			21	0															0	6	.020			03-04
0455	26.425			23	0															0					04-05
0552	26.435			25	0															0					05-06
0652	26.445			27	0	0	C1	250												0	2	.025			06-07
0750	26.455			21	0															0					07-08
0855	26.450			15	0															0					08-09
0954	26.455			13	0															0	3	.010			09-10
1053	26.450			12	0															0					10-11
1152	26.430			12	0															0					11-12
1253	26.405			15	0	0	C4	80	0	C1	250	0								0	7	.050			12-13
1355	26.385			16	1															1					13-14
1450	26.385			15	1															1					14-15
1550	26.390			16	1	0	C4	80	1	C1	250	1								1	5	.015			15-16
1650	26.400			18	1															1					16-17
1750	26.400			20	0															0					17-18
1850	26.410			22	0															0	2	.020			18-19
1950	26.420			24	0															0					19-20
2050	26.440			26	0															0					20-21
2150	26.450			28	0															0	2	.040			21-22
2250	26.440			26	0															0					22-23
2350	26.450			33	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	46	38	X	X						X		
	0348	1	0	0	0	51	38		0								
	0950	2	0	0	0	62	36		0								
	1548	3	0	0	0	68	61		0								
	2148	4	0	0	0	67	45		0								
	MID.	X	0	0	0	50	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.455	26.390	26.450
BAROGRAPH 64	26.400	26.445	26.375	26.425
BAR. CORR. 65	+.020	+.010	+.015	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	36	0	0	0	17	SW	1454					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 06:16 SUNSET 17:37

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 TO NEAREST MINUTE AT: 1052 0 / 1710 /

0353/0353