

# MOS FORECASTS

## Eta MOS (MET) Example

KBWI	ETA MOS GUIDANCE																		7/17/2008 0000 UTC					
DT	/JULY 17						/JULY 18						/JULY 19						/					
HR	06	09	12	15	18	21	00	03	06	09	12	15	18	21	00	03	06	09	12	18	00			
X/N							93								69									
TMP	68	66	73	86	91	91	85	77	73	71	76	87	92	92	85	78	75	72	77	93	86			
DPT	62	62	65	66	66	66	67	69	69	68	69	69	68	68	69	69	70	69	71	67	69			
CLD	CL	CL	CL	CL	SC	SC	FW	FW	CL	CL	CL	CL	SC	SC	FW	SC	CL	CL	FW	FW	SC			
WDR	25	26	28	31	31	19	17	20	23	23	24	25	23	22	16	20	22	22	23	23	17			
WSP	01	01	03	04	06	05	04	03	02	01	03	05	06	06	04	03	03	03	04	07	05			
P06			6		5		10		3		8		3		2		7		5	4	7			
P12							10				11				3				10		10			
Q06			0		0		0		0		0		0		0		0		0	0	0			
Q12							0				0				0				0		0			
T06		0/	0	0/	0	14/	7	7/	9	0/	0	0/	0	14/	6	7/	7	4/	0999/	99				
T12				4/	0		14/	10			0/	1			14/	9	999/	99						
CIG	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
VIS	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
OBV	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N			

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## NAM WRF-NMM MOS (MET) Example

KBWI	NAM MOS GUIDANCE																		7/17/2008 0000 UTC					
DT	/JULY 17						/JULY 18						/JULY 19						/					
HR	06	09	12	15	18	21	00	03	06	09	12	15	18	21	00	03	06	09	12	18	00			
X/N							94								92				69		96			
TMP	73	70	75	86	91	91	85	77	74	70	76	86	90	90	84	77	74	71	77	93	86			
DPT	63	62	63	62	61	61	62	63	62	60	62	61	60	60	61	63	63	63	64	60	63			
CLD	CL	CL	CL	CL	FW	SC	CL	FW	CL	CL	CL	CL	FW	FW	FW	SC	FW	CL	CL	FW	SC			
WDR	24	00	33	04	29	13	16	23	00	00	21	22	16	16	17	21	23	23	24	21	14			
WSP	01	00	01	04	05	06	04	02	00	00	02	02	06	09	06	03	02	01	03	09	06			
P06			3		1		2		3		8		2		4		4		9	4	5			
P12							5				8				5				9		8			
Q06			0		0		0		0		0		0		0		0		0	0	0			
Q12							0				0				0				0		0			
T06		0/	0	0/	0	12/	7	10/	9	1/	0	1/	0	15/	5	9/	7	6/	1	5/	0			
T12				3/	0		12/	11			1/	0			15/	8	10/	4						
CIG	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
VIS	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
OBV	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N			

BLUE FONT Indicates weather elements which have been redeveloped with NAM WRF-NMM model data.

Elements in black in the NAM MOS package are generated from older equations developed from Eta model data and applied to the NAM WRF-NMM model output. These elements showed little to no degradation when the older equations were applied to NMM output. New equations will be developed using WRF-NMM model output. See Timeline on NAM MOS webpage.