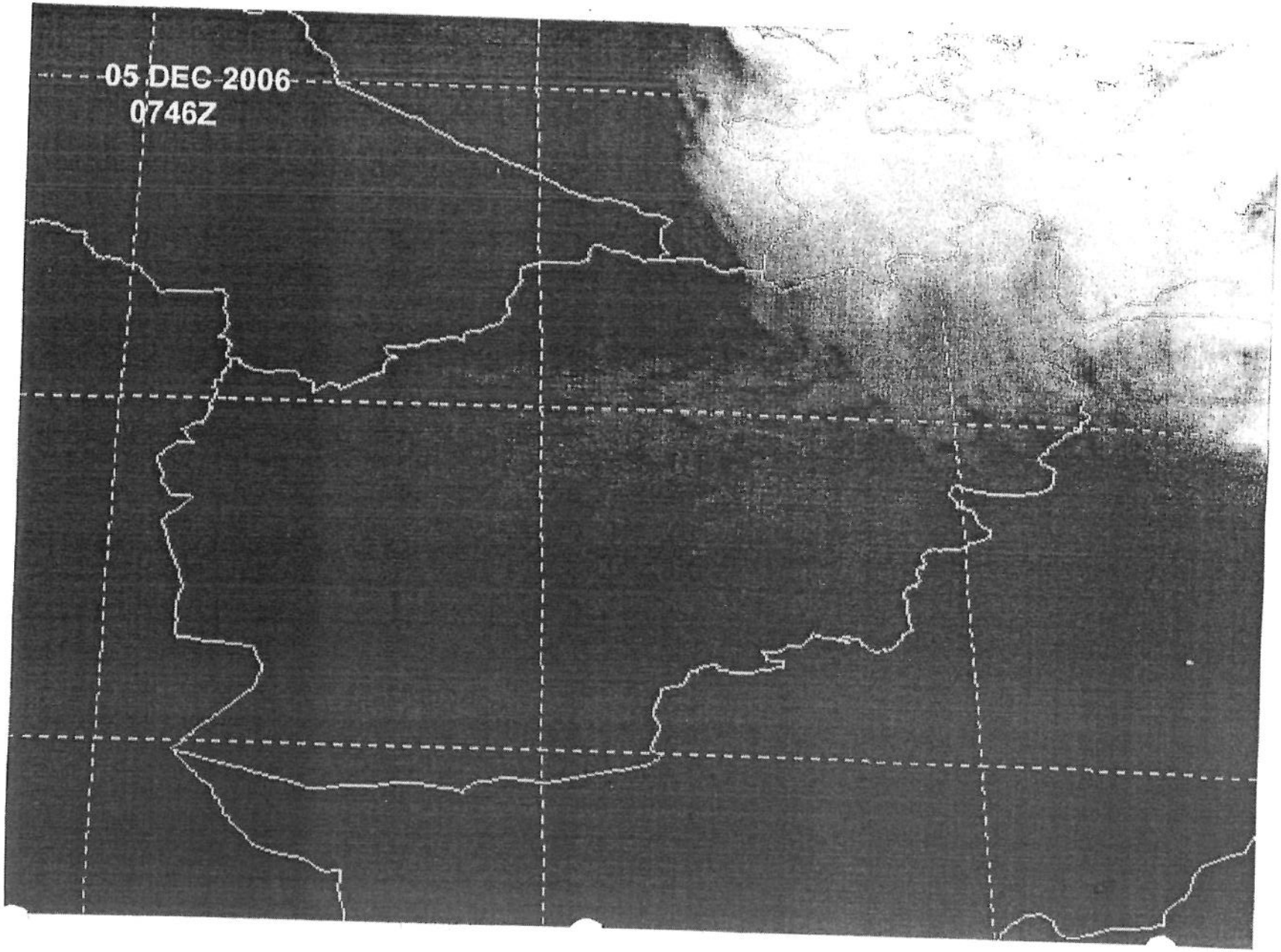
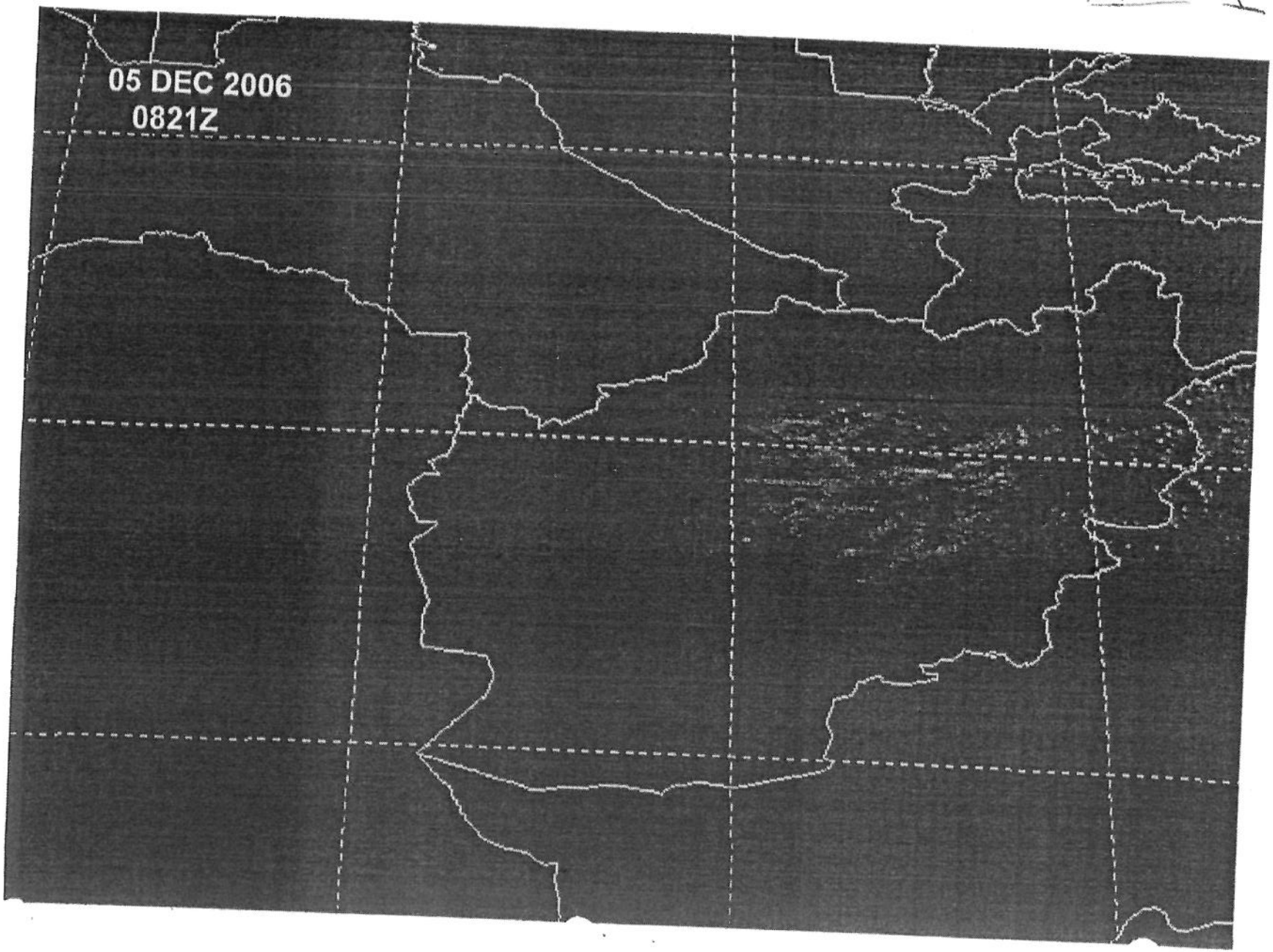
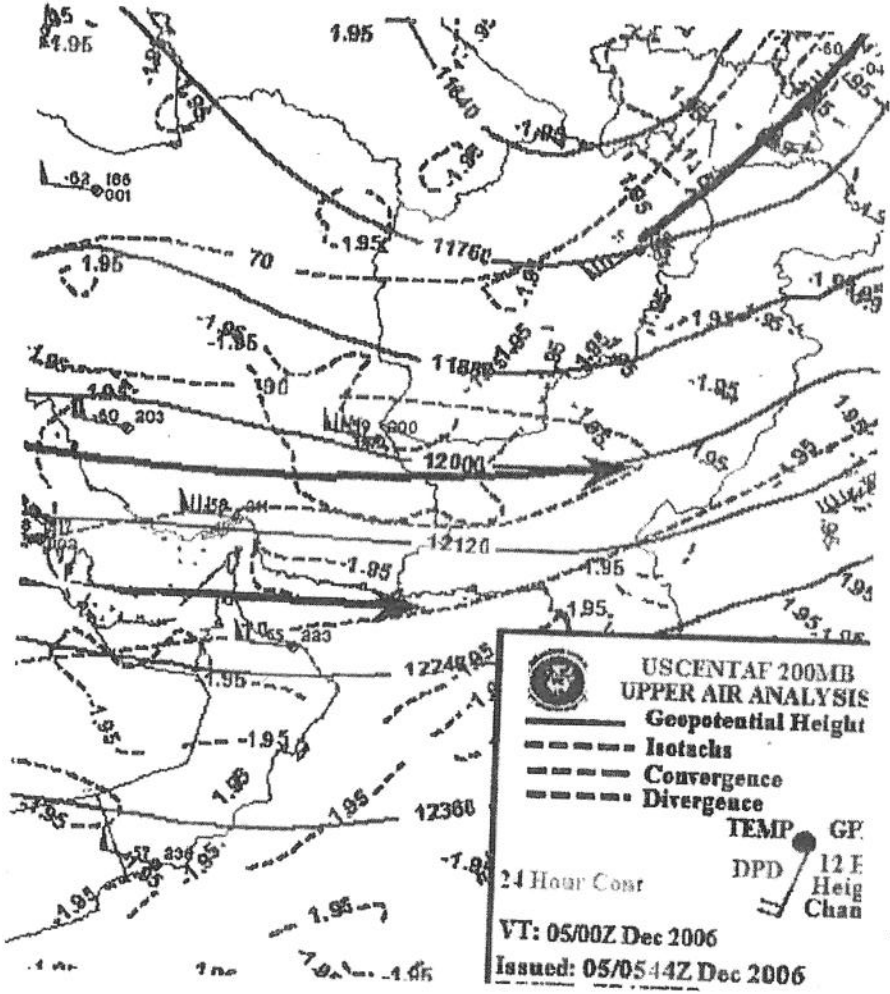
Weather Brief

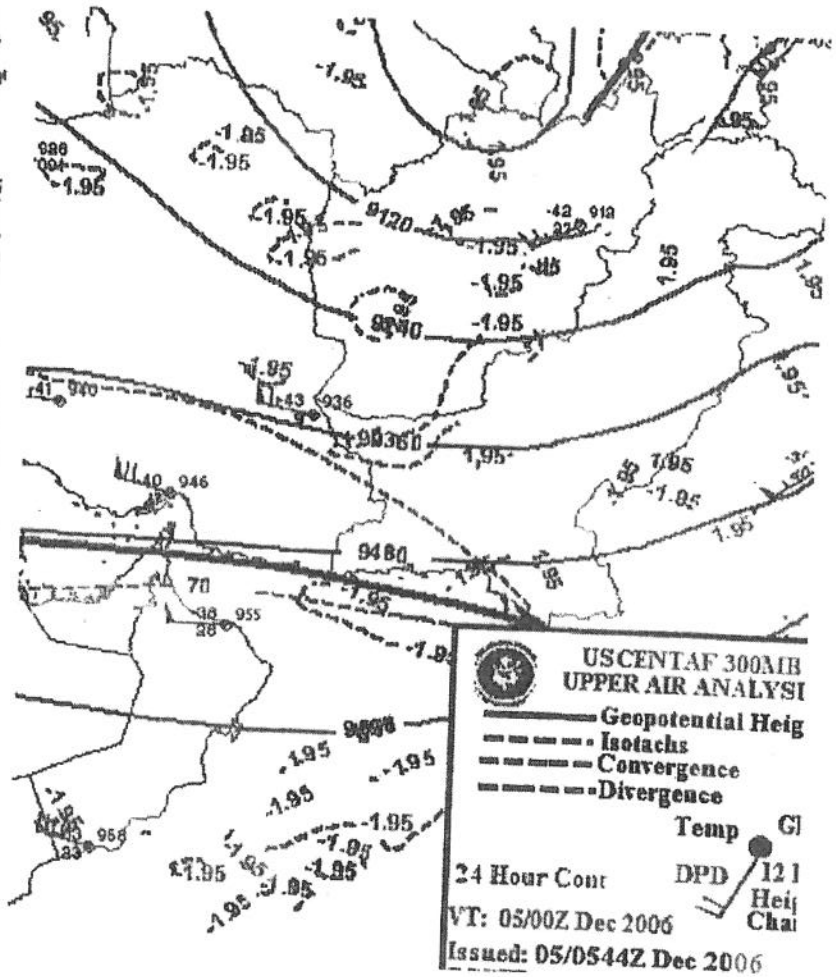
J-XXVII

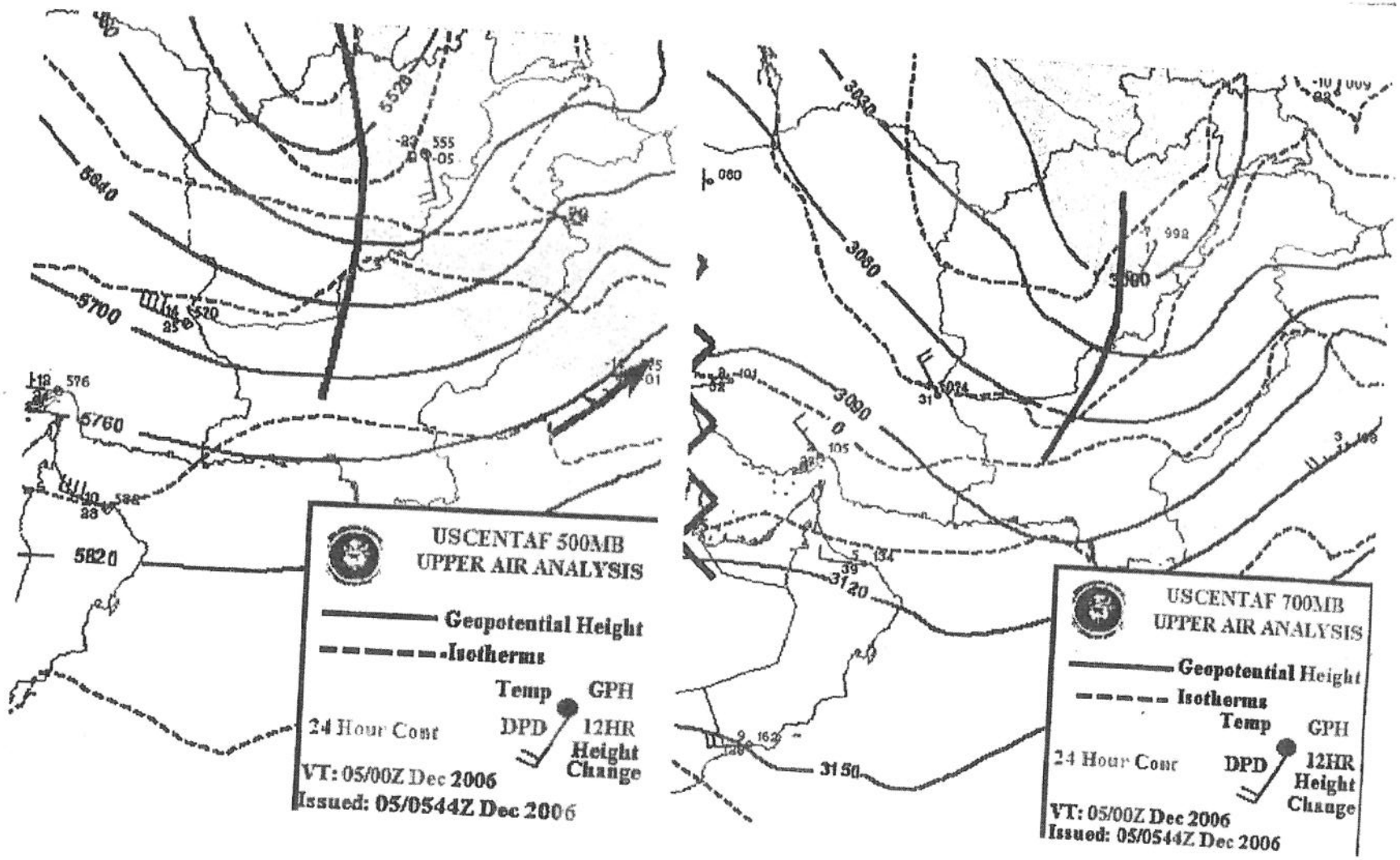
KQHN 052355Z 03005KT 9999 SKC 00/00 A3026 RMK SLP289 WND DATA ESTMD ALSTG/SLP ESTMD 54002 QNH1024.7;
KQHN 052255Z 03003KT 9999 SKC 00/00 A3026 RMK SLP288 WND DATA ESTMD ALSTG/SLP ESTMD QNH1024.7;
KQHN 052155Z 04003KT 9999 FEW001 01/00 A3026 RMK FU FEW001 SLP289 WND DATA ESTMD ALSTG/SLP ESTMD QNH1024.7;
KQHN 052055Z 08003KT 9999 FEW001 01/00 A3026 RMK FU FEW001 SLP289 WND DATA ESTMD ALSTG/SLP ESTMD 58008 QNH1024.7;
KQHN 051955Z 13002KT 9999 SCT001 01/01 A3027 RMK FU SCT001 SLP295 WND DATA ESTMD ALSTG/SLP ESTMD QNH1025.1;
KQHN 051855Z 11001KT 9999 FEW001 02/01 A3029 RMK FU FEW001 SLP300 WND DATA ESTMD ALSTG/SLP ESTMD QNH1025.7;
KQHN 051755Z 12001KT 9999 SKC 02/01 A3029 RMK SLP301 WND DATA ESTMD ALSTG/SLP ESTMD 52005 QNH1025.7;
KQHN 051655Z 12002KT 9999 SKC 03/01 A3028 RMK SLP300 WND DATA ESTMD ALSTG/SLP ESTMD QNH1025.4;
KQHN 051555Z 00000KT 9999 SKC 04/00 A3028 RMK SLP299 WND DATA ESTMD ALSTG/SLP ESTMD QNH1025.4;
KQHN 051455Z VRB01KT 9999 SKC 04/01 A3027 RMK SLP299 WND DATA ESTMD ALSTG/SLP ESTMD 52010 QNH1025.1;
KQHN 051355Z 29003KT 9999 SKC 05/00 A3026 RMK SLP293 WND DATA ESTMD ALSTG/SLP ESTMD QNH1024.7;
KQHN 051255Z 28003KT 9999 FEW250 06/01 A3025 RMK SLP286 WND DATA ESTMD ALSTG/SLP ESTMD QNH1024.4;
KQHN 051155Z 27005KT 9999 FEW250 07/00 A3024 RMK SLP280 WND DATA ESTMD ALSTG/SLP ESTMD 55002 QNH1024.0;
KQHN 051055Z 22005KT 9999 FEW030 07/M01 A3023 RMK SLP275 WND DATA ESTMD ALSTG/SLP ESTMD QNH1023.7;
KQHN 050955Z VRB03KT 9999 FEW020 FEW250 07/M01 A3023 RMK SLP277 WND DATA ESTMD ALSTG/SLP ESTMD QNH1023.7;
KQHN 050855Z VRB02KT 9999 FEW020 FEW250 07/M03 A3024 RMK SLP280 WND DATA ESTMD ALSTG/SLP ESTMD 57010 QNH1024.0;
KQHN 050755Z 20004KT 9999 FEW250 06/M03 A3026 RMK SLP288 WND DATA ESTMD ALSTG/SLP ESTMD QNH1024.7;
KQHN 050655Z VRB02KT 9999 FEW250 05/M04 A3027 RMK SLP294 WND DATA ESTMD ALSTG/SLP ESTMD QNH1025.1;
KQHN 050555Z 24005KT 9999 FEW250 04/M04 A3028 RMK SLP296 WND DATA ESTMD ALSTG/SLP ESTMD 51024 QNH1025.4;
KQHN 050455Z 23006KT 9999 SKC 03/M03 A3026 RMK SLP293 WND DATA ESTMD ALSTG/SLP ESTMD QNH1024.7;
KQHN 050355Z 21007KT 9999 SKC 02/M03 A3024 RMK SLP285 WND DATA ESTMD ALSTG/SLP ESTMD QNH1024.0;
KQHN 050255Z 19002KT 9999 FEW000 00/M02 A3021 RMK BR FEW000 SLP276 WR// WND DATA ESTMD ALSTG/SLP ESTMD 53027 QNH1023.0;
KQHN 050155Z 22002KT 9999 SKC 01/M02 A3017 RMK SLP261 WR// WND DATA ESTMD ALSTG/SLP ESTMD QNH1021.7;
KQHN 050055Z 23003KT 9999 SKC 01/M02 A3014 RMK SLP249 WR// WND DATA ESTMD ALSTG/SLP ESTMD QNH1020.7;

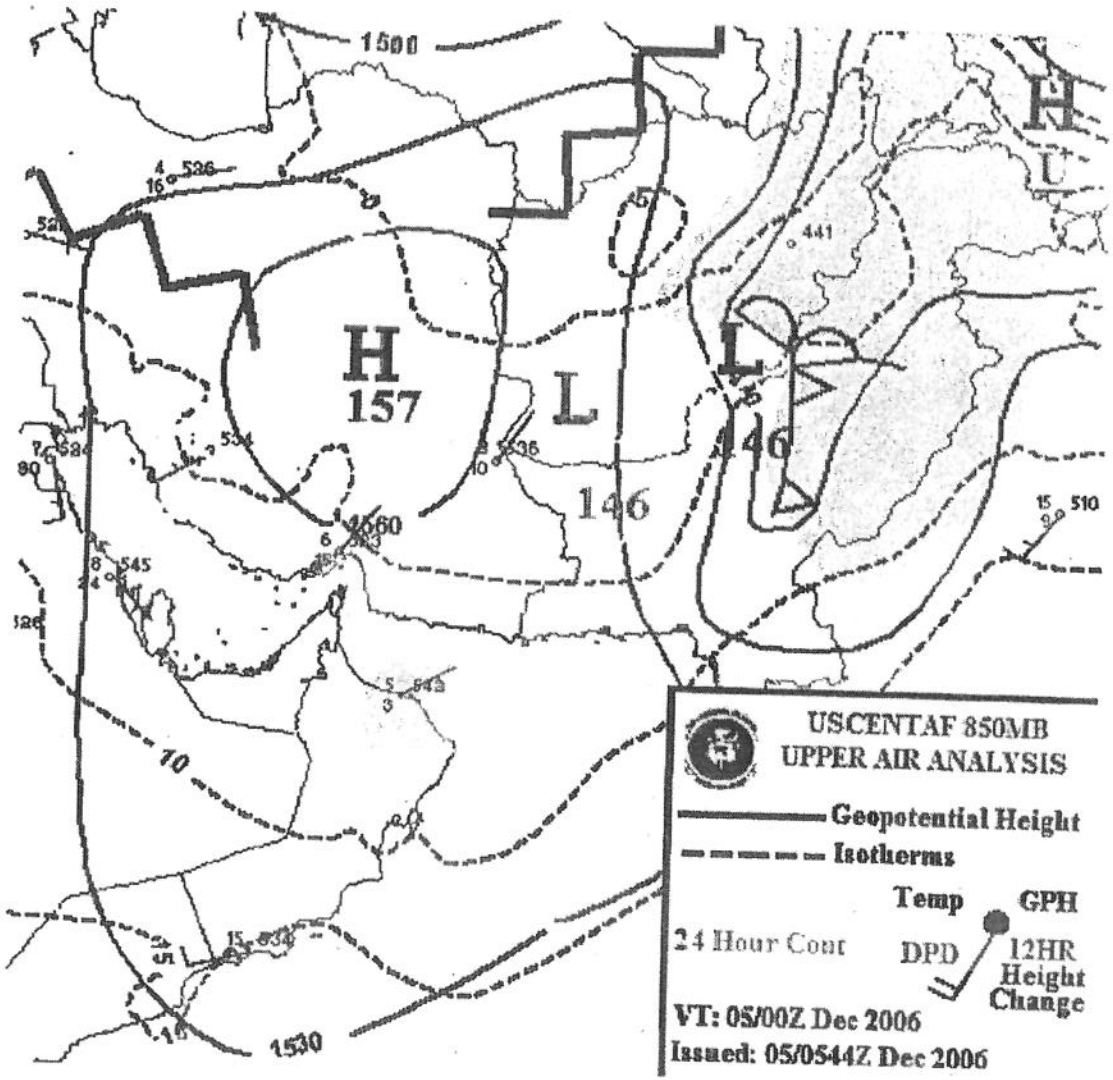

05 DEC 2006
0746Z

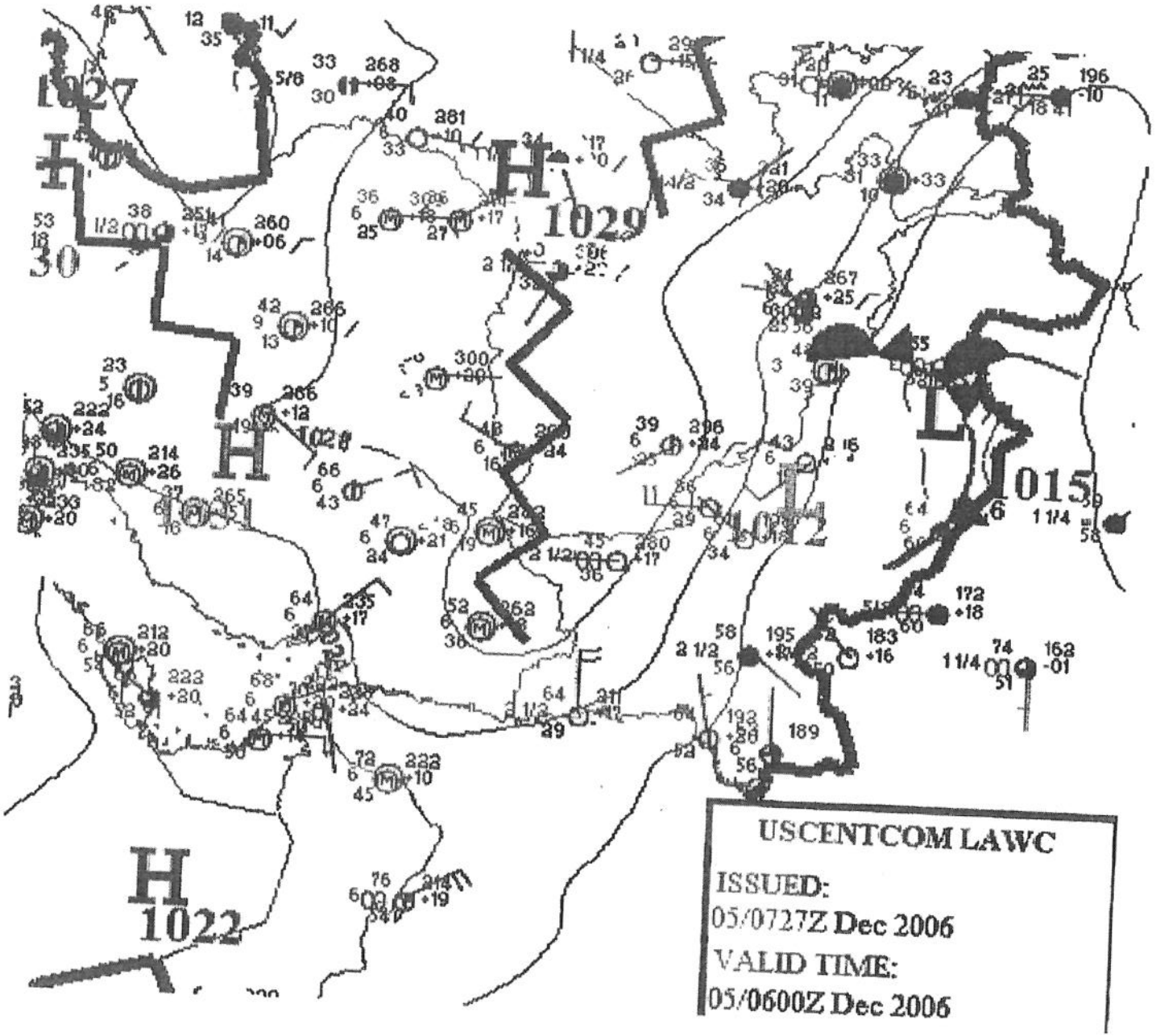

05 DEC 2006
0821Z


USCENTAF 200MB
UPPER AIR ANALYSIS
Geopotential Height
Isotachs
Convergence
Divergence
TEMP
DPD
24 Hour Cont
VT: 05/00Z Dec 2006
Issued: 05/0544Z Dec 2006


USCENTAF 300MB
UPPER AIR ANALYSIS
Geopotential Height
Isotachs
Convergence
Divergence
Temp
DPD
24 Hour Cont
VT: 05/00Z Dec 2006
Issued: 05/0544Z Dec 2006


5520
5640
5700
5760
5820
5880
3030
3060
3090
3120
3150
USCENTAF 500MB
UPPER AIR ANALYSIS
Geopotential Height
Isotherms
Temp
GPH
24 Hour Cont
DPD
12HR
Height
Change
VT: 05/00Z Dec 2006
Issued: 05/0544Z Dec 2006
USCENTAF 700MB
UPPER AIR ANALYSIS
Geopotential Height
Isotherms
Temp
GPH
24 Hour Cont
DPD
12HR
Height
Change
VT: 05/00Z Dec 2006
Issued: 05/0544Z Dec 2006

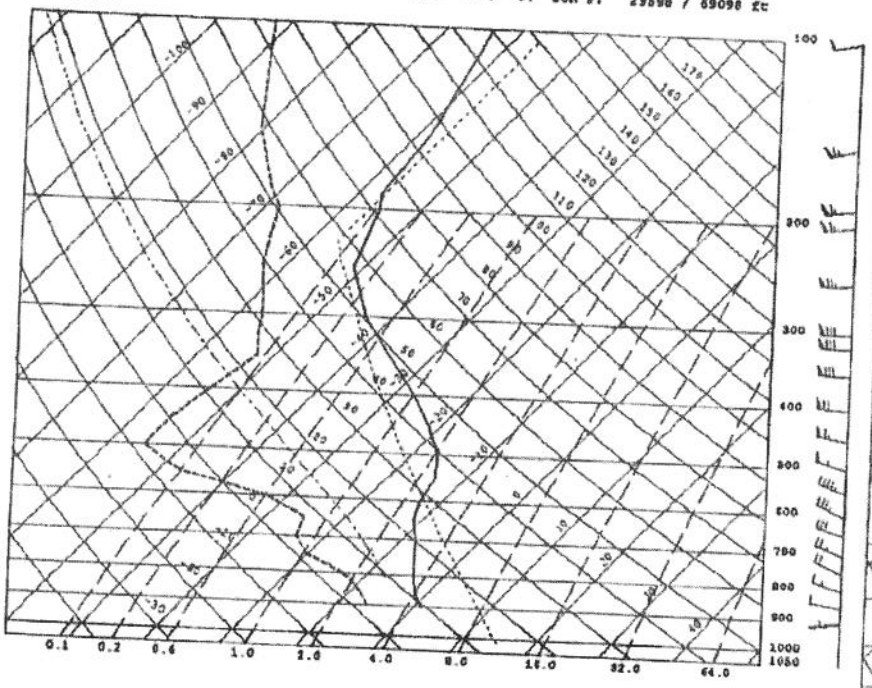

1500
H
157
L
146
L
146
H
1530
USCENTAF 850MB
UPPER AIR ANALYSIS
Geopotential Height
Isotherms
Temp
GPH
24 Hour Cont
DPD
12HR
Height
Change
VT: 05/00Z Dec 2006
Issued: 05/0544Z Dec 2006


H
1027
H
1029
H
1028
H
1022
L
1012
L
1015
USCENTCOM LAWC
ISSUED:
05/0727Z Dec 2006
VALID TIME:
05/0600Z Dec 2006

Summary Text for GFS GRID KQHN 693144 31.62 68.70 00HR VALID Tue 05 Dec 2006 00:00

LI:	18.9	KI:	-9	LCL:	808 mb/ 6248 ft/ -7.2 C	THK 1000-850:	1313 m		
SHOW:	18.8	THI:	-28	CCL:	561 mb/15473 ft/-13.7 C	THK 1000-700:	2888 m		
TTI:	22	SCTI:	10	LFC:	M mb/ M / M C	THK 1000-500:	5404 m		
VTI:	15	HAIL:	M	TROP:	166 mb/40788 ft/-57.0 C	THK 850-700:	1525 m		
CTI:	7	CGT1:	0	MAXWIND:	272/ 82kt at 31dmb	THK 850-500:	4091 m		
SWI:	76	CGT2:	9	EQP:	Mmb/ M PI: 31	LPR 850-500:	3.7C/km		
CAPE:	0	BRN:	0.0	STMH:	307/ 41kt LSI: 11.0	FOGP:-11.1	FOGT: 14.8 C		
CINH:	0	WBO:	0	DCAPE:	3 VGP: 0.00	FSI: 29.1	FRZ: 707 ft		
MLCAPE:	0	MXI:	0	CONVT:	23.9 C PW: 0.15 in	CON C:	38170 / 56723 ft		
EHI:	0.0	CAP:	M	SRH 1/2/3km:	20 / 36 / 64	CON P:	29598 / 69098 ft		

NO ICING

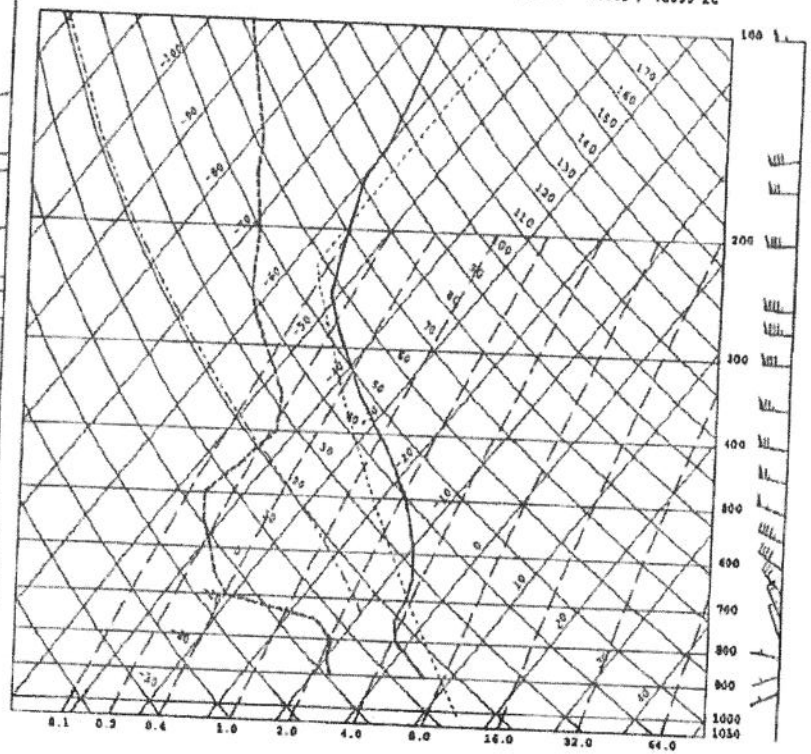


SkewT Form
GFS GRID SKEWT KQHN 693144 31.62 68.70 00HR VALID Tue 05 Dec 2006 00:00

Summary Text for GFS GRID KQHN 693144 31.62 68.70 12HR VALID Tue 05 Dec 2006 12:00

LI:	15.9	KI:	-16	LCL:	752 mb/ 8865 ft/ -9.9 C	THK 1000-850:	1336 m		
SHOW:	18.9	THI:	-32	CCL:	519 mb/17632 ft/-15.0 C	THK 1000-700:	2875 m		
TTI:	25	SCTI:	9	LFC:	M mb/ M / M C	THK 1000-500:	5460 m		
VTI:	19	HAIL:	M	TROP:	168 mb/43586 ft/-58.6 C	THK 850-700:	1539 m		
CTI:	6	CGT1:	0	MAXWIND:	272/ 85kt at 270mb	THK 850-500:	4132 m		
SHT:	70	CGT2:	20	EQP:	Mmb/ M PI: 13	LPR 850-500:	4.6C/km		
CAPE:	0	BRN:	0.0	STMH:	313/ 40kt LSI: 9.5	FOGP:-19.1	FOGT: 24.6 C		
CINH:	0	WBO:	479	DCAPE:	0 VGP: 0.00	FSI: 42.3	FRZ: 2562 ft		
MLCAPE:	0	MXI:	0	CONVT:	28.9 C PW: 0.13 in	CON C:	37510 / 60686 ft		
EHI:	0.0	CAP:	M	SRH 1/2/3km:	-85 /-112 / -82	CON P:	29963 / 70099 ft		

NO ICING

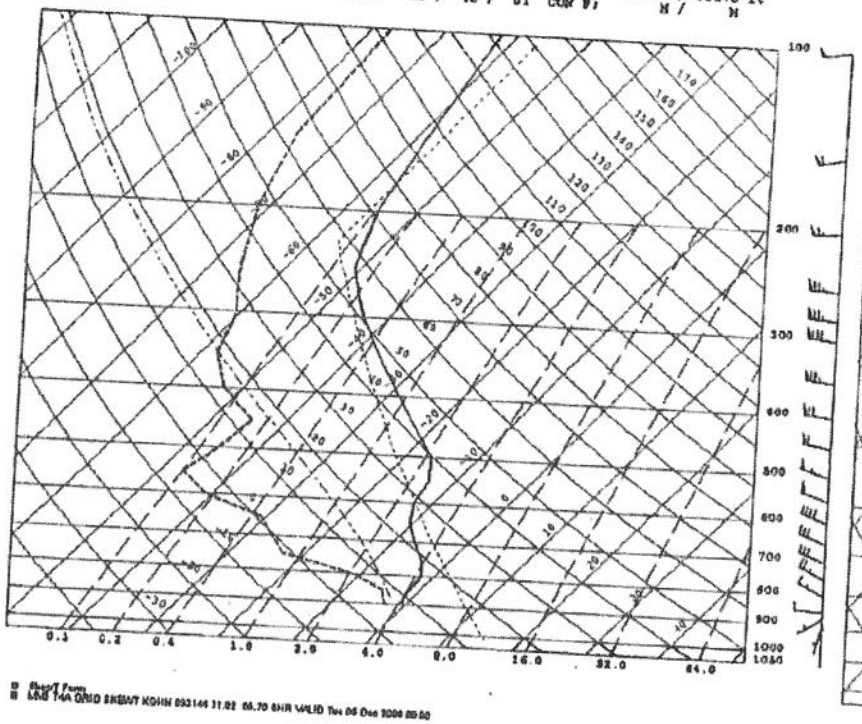


SkewT Form
GFS GRID SKEWT KQHN 693144 31.62 68.70 12HR VALID Tue 05 Dec 2006 12:00

EQCA / KQHN SKEW-Ts

Summary Text for NMS T4A GRID KQHN 693144 31.62 88.70 6HR VALID Tue 06 Dec 2006 06:00

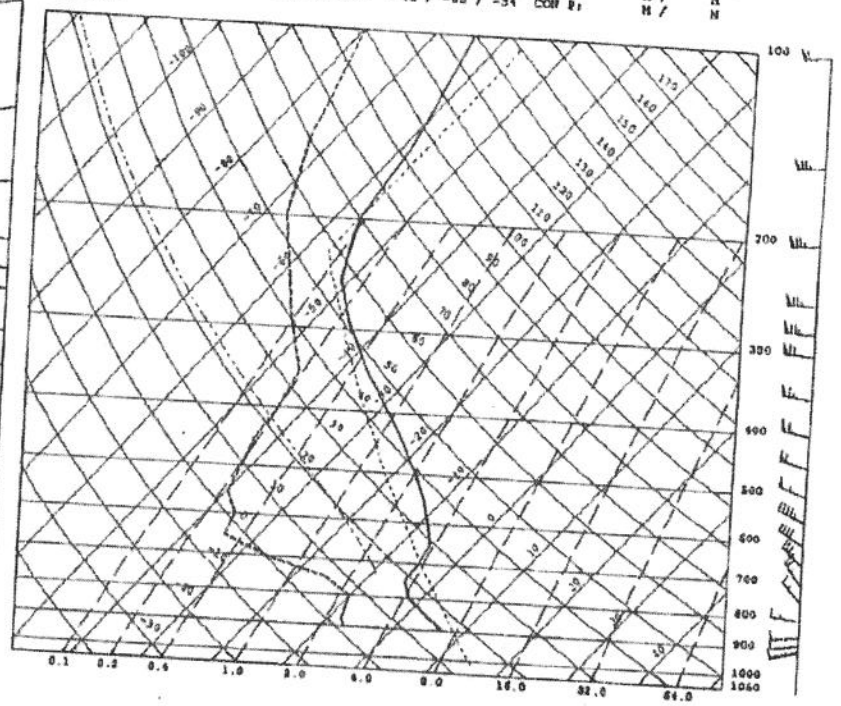
LI:	17.6	KI:	-9	LCL:	872 mb/ 4168 ft/ -2.8 C	THK 1000-850:	1307 m		
SHOW:	17.1	THI:	-27	CCL:	678 mb/10708 ft/ -8.8 C	THK 1000-700:	2844 m		
VTI:	26	SCTI:	13	LFC:	M mb/ M / M C	THK 1000-500:	5418 m		
CTI:	11	HAIL:	M	TROP:	278 mb/31900 ft/ M C	THK 850-700:	1537 m		
SWI:	72	CGT1:	0	MAXWIND:	M/ M at Mmb	THK 850-500:	4109 m		
CAPE:	0	CGT2:	M	EQP:	Mmb/ M PI: 33	LPR 850-500:	3.8C/km		
CINH:	0	BRN:	0.0	STMH:	306/ 42kt LSI:	FOGP: -3.6	FOGT:	8.6 C	
MLCAPE:	0	MBO:	M	DCAPE:	0 VGP: 0.00	FSI: 14.3	FRZ:	0 ft	
EHI:	0.0	MXZ:	0	CONVT:	13.8 C PW: 0.16 in	CON C:	38526 / 38175 ft		
NO ICING		CAP:	M	SRH 1/2/3km:	22 / 48 / 61	CON F:	M / M		



Skew-T Form
LMS T4A GRID SKEWT KQHN 693144 31.62 88.70 6HR VALID Tue 06 Dec 2006 06:00

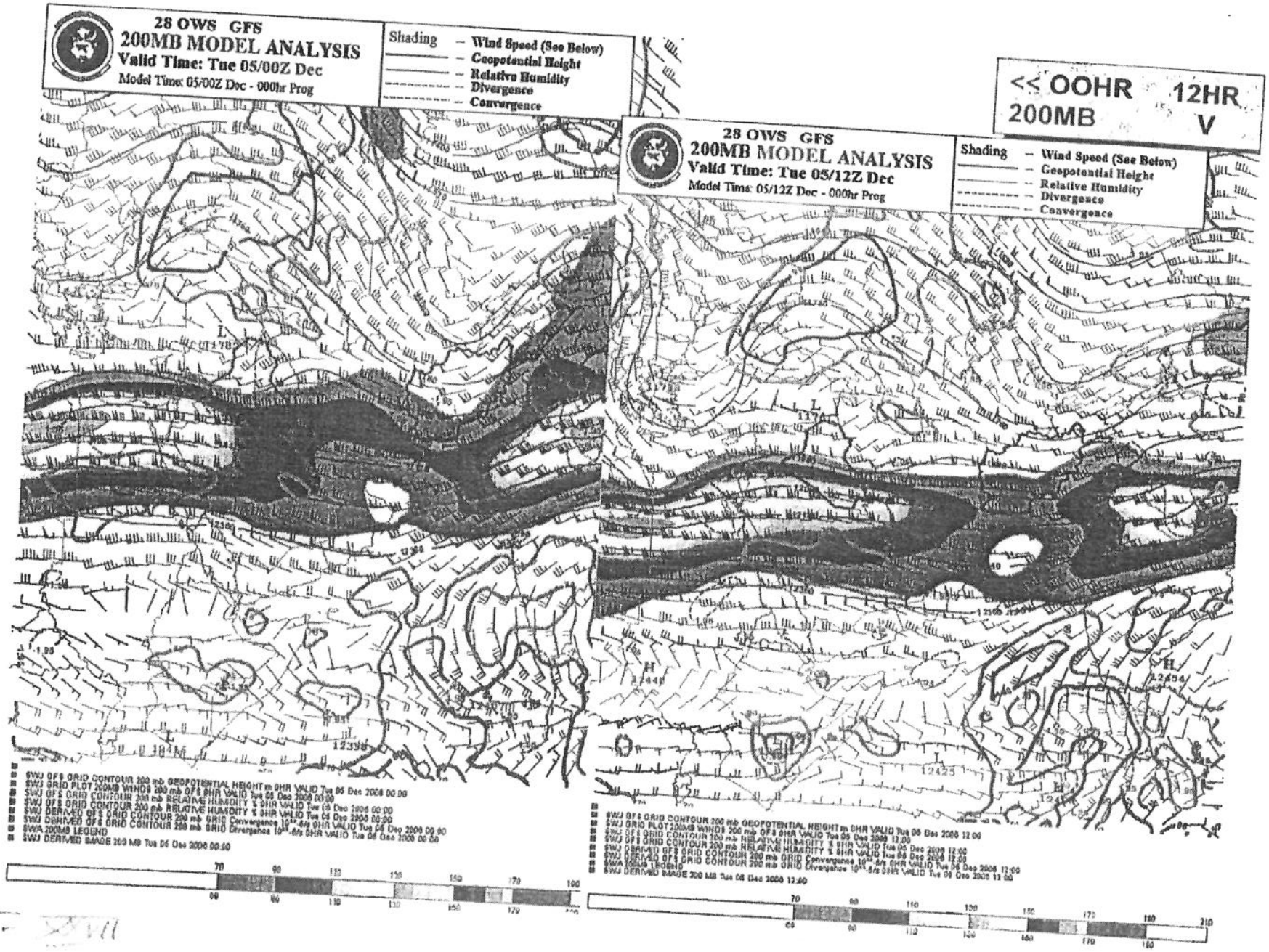
Summary Text for NMS T4A GRID KQHN 693144 31.62 88.70 18HR VALID Tue 05 Dec 2006 12:00

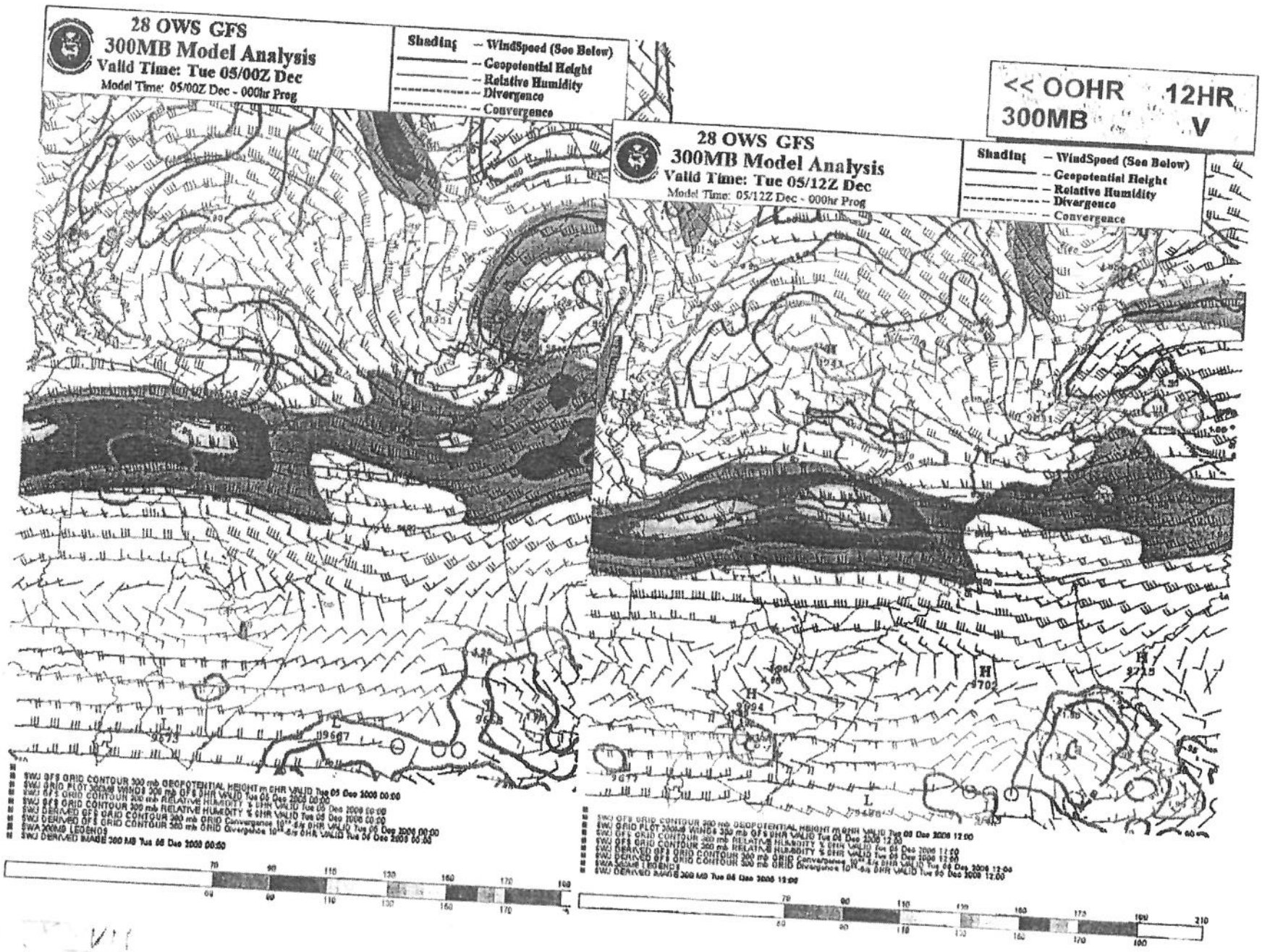
LI:	14.9	KI:	-10	LCL:	731 mb/ 8903 ft/ -9.3 C	THK 1000-850:	1339 m		
SHOW:	14.9	THI:	-28	CCL:	534 mb/16954 ft/-13.9 C	THK 1000-700:	2878 m		
VTI:	27	SCTI:	10	LFC:	M mb/ M / M C	THK 1000-500:	5475 m		
CTI:	9	CGT1:	0	HAIL:	M TROP: 277 mb/32201 ft/ M C	THK 850-700:	1539 m		
SWI:	78	CGT2:	20	MAXWIND:	M/ M at Mmb	THK 850-500:	4136 m		
CAPE:	0	BRN:	0.0	EQP:	Mmb/ M PI: 35	LPR 850-500:	4.8C/km		
CINH:	0	MBO:	736	STMH:	314/ 41kt LSI:	FOGP: -17.2	FOGT:	29.1 C	
MLCAPE:	0	MXZ:	0	DCAPE:	82 VGP: 0.00	FSI: 48.1	FRZ:	2671 ft	
EHI:	0.0	CAP:	M	CONVT:	28.1 C PW: 0.16 in	CON C:	M / M		
NO ICING				SRH 1/2/3km:	-41 / -65 / -34	CON F:	M / M		

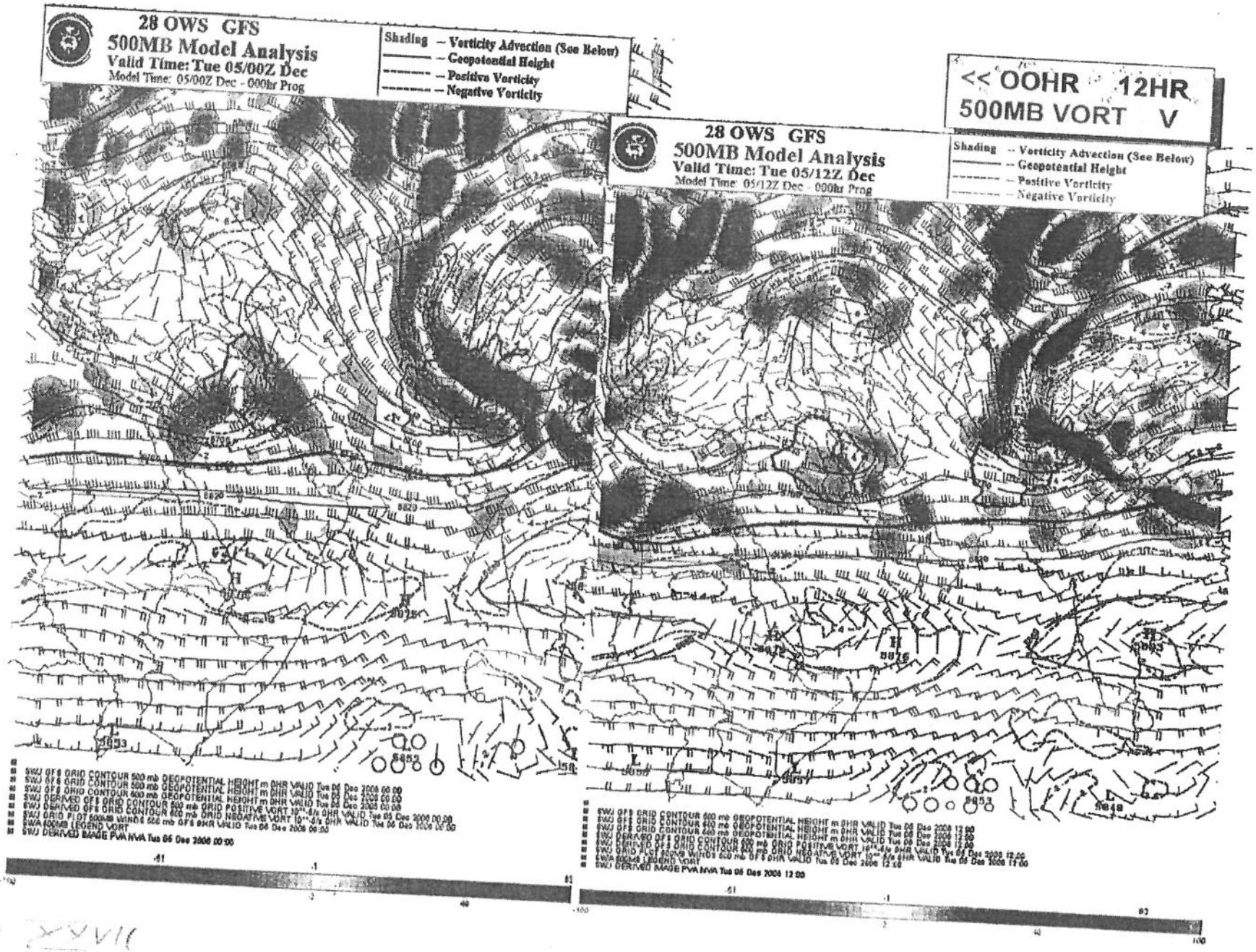


Skew-T Form
LMS T4A GRID SKEWT KQHN 693144 31.62 88.70 18HR VALID Tue 05 Dec 2006 12:00

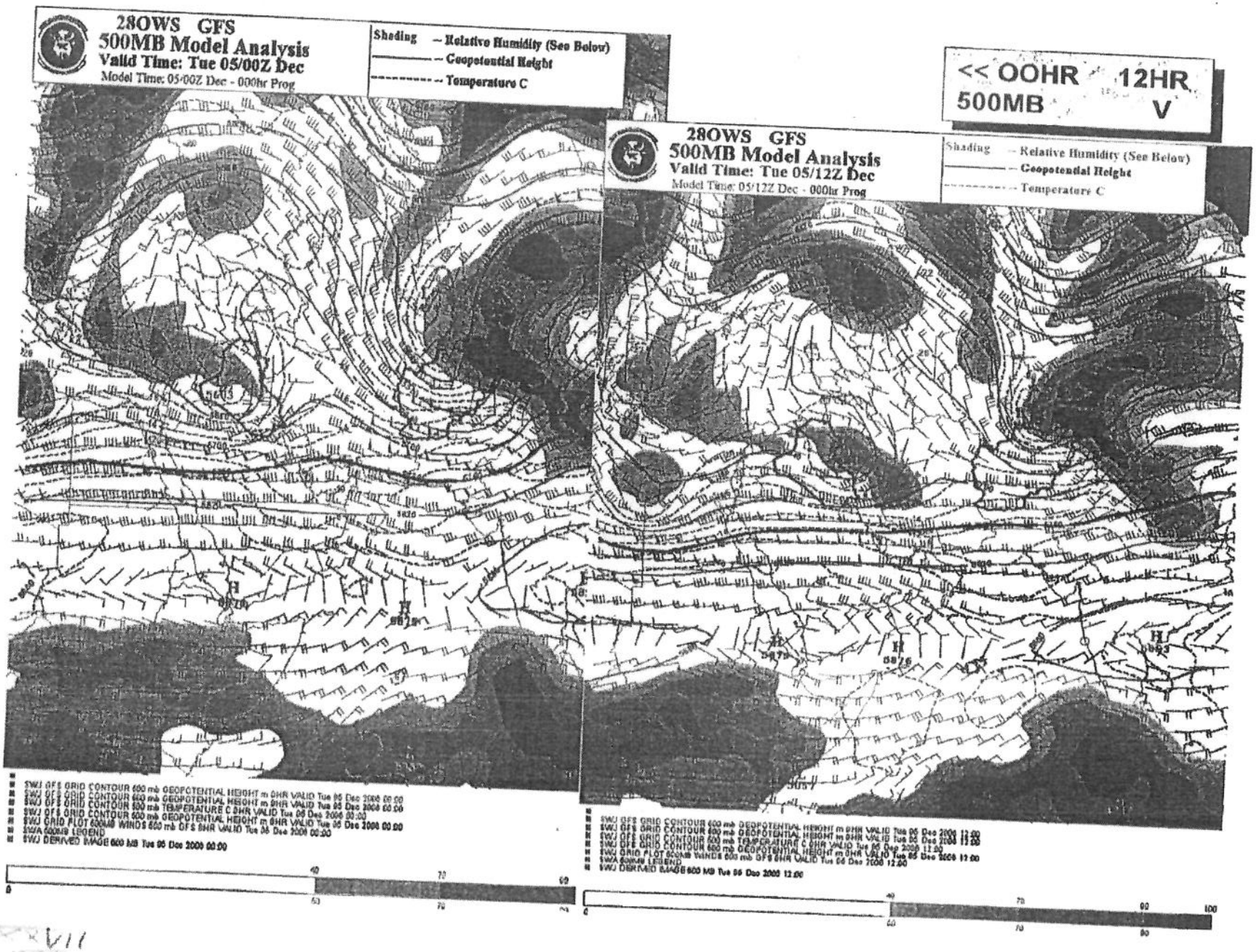
J-2771

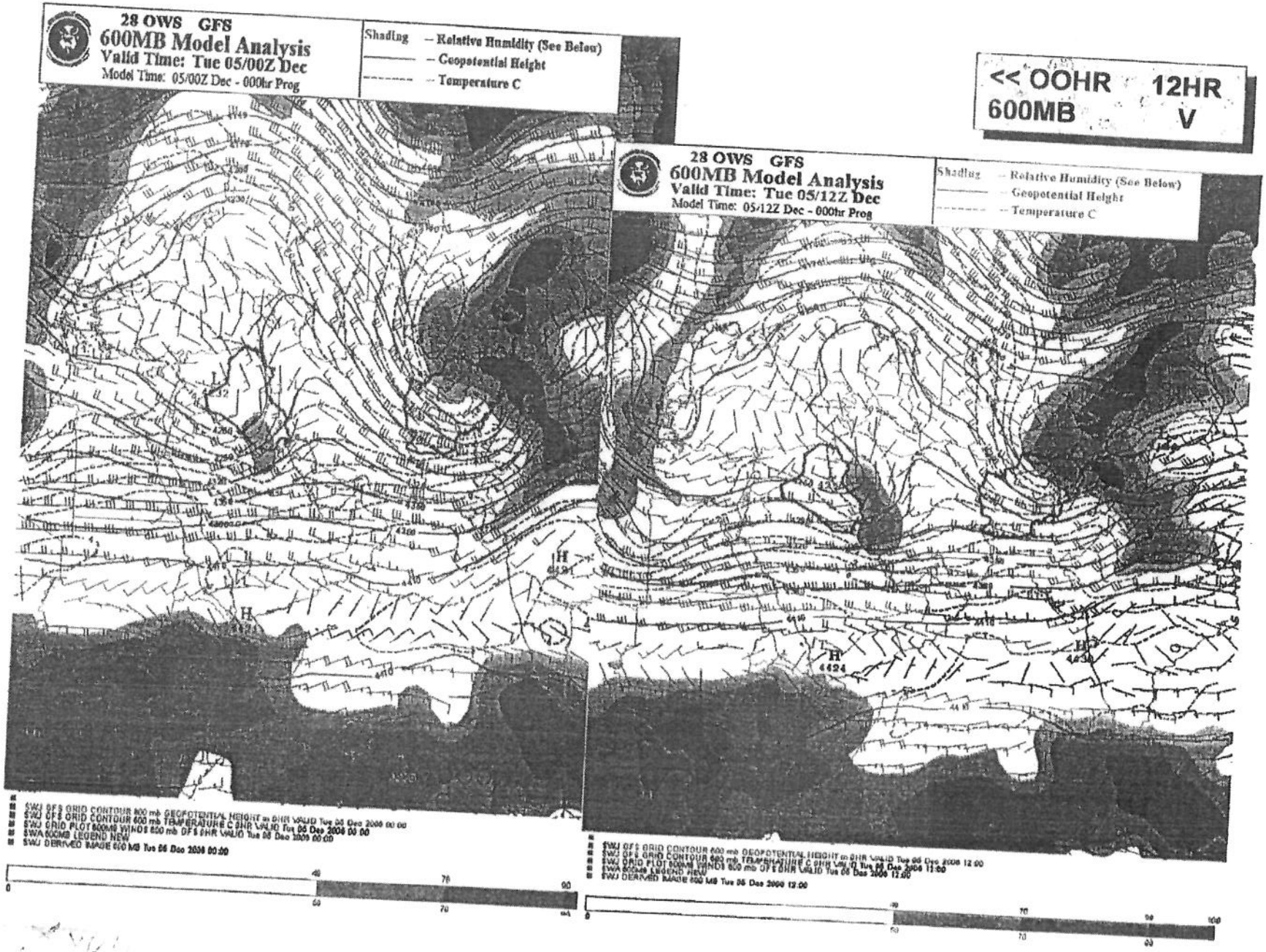

28 OWS GFS
200MB MODEL ANALYSIS
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading – Wind Speed (See Below)
– Geopotential Height
– Relative Humidity
– Divergence
– Convergence
28 OWS GFS
200MB MODEL ANALYSIS
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading – Wind Speed (See Below)
– Geopotential Height
– Relative Humidity
– Divergence
– Convergence
<< OOHR 12HR
200MB V

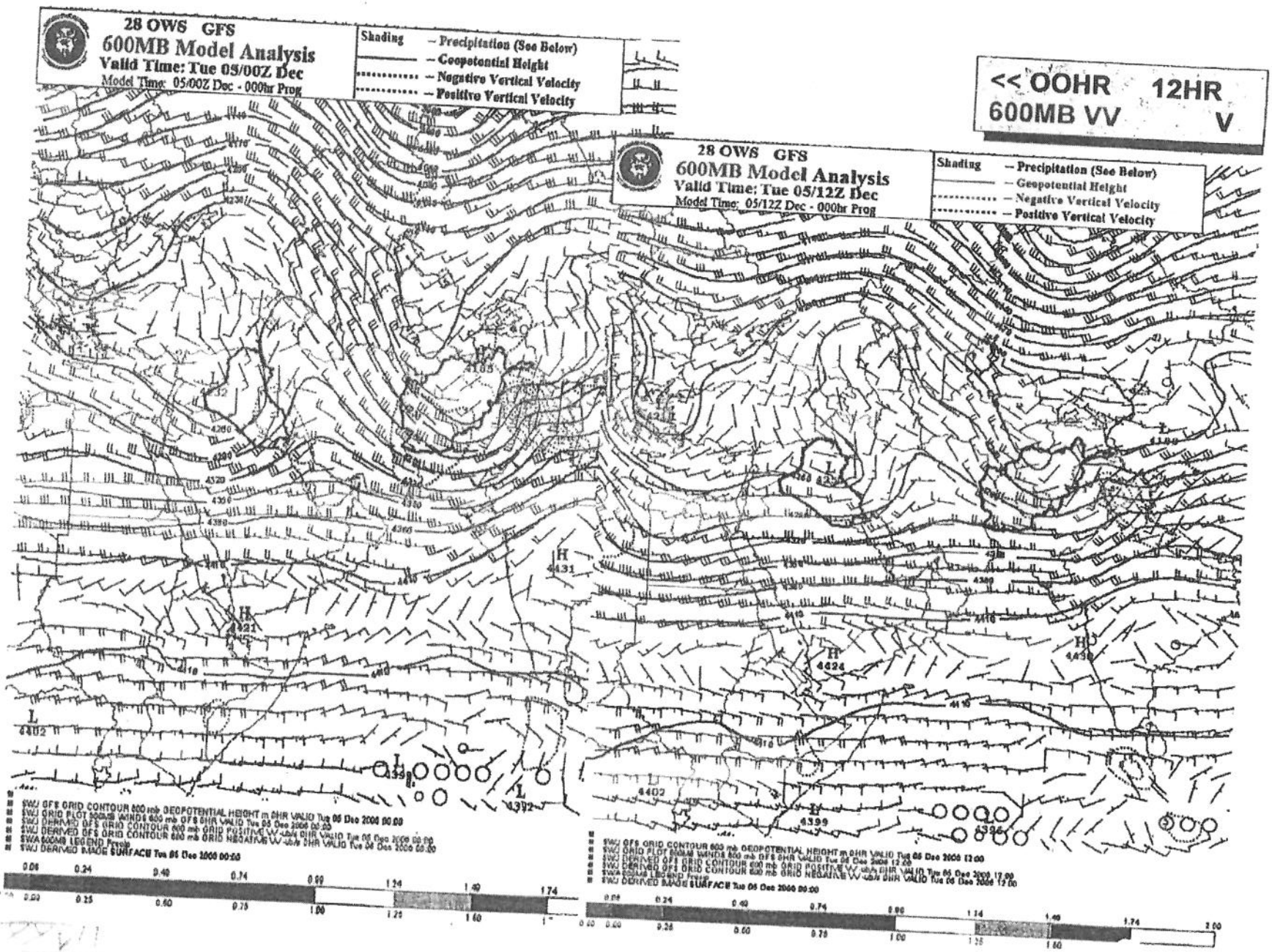

28 OWS GFS
300MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading -- WindSpeed (See Below)
-- Geopotential Height
-- Relative Humidity
-- Divergence
-- Convergence
<< OOHR 12HR
300MB V
28 OWS GFS
300MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading -- WindSpeed (See Below)
-- Geopotential Height
-- Relative Humidity
-- Divergence
-- Convergence

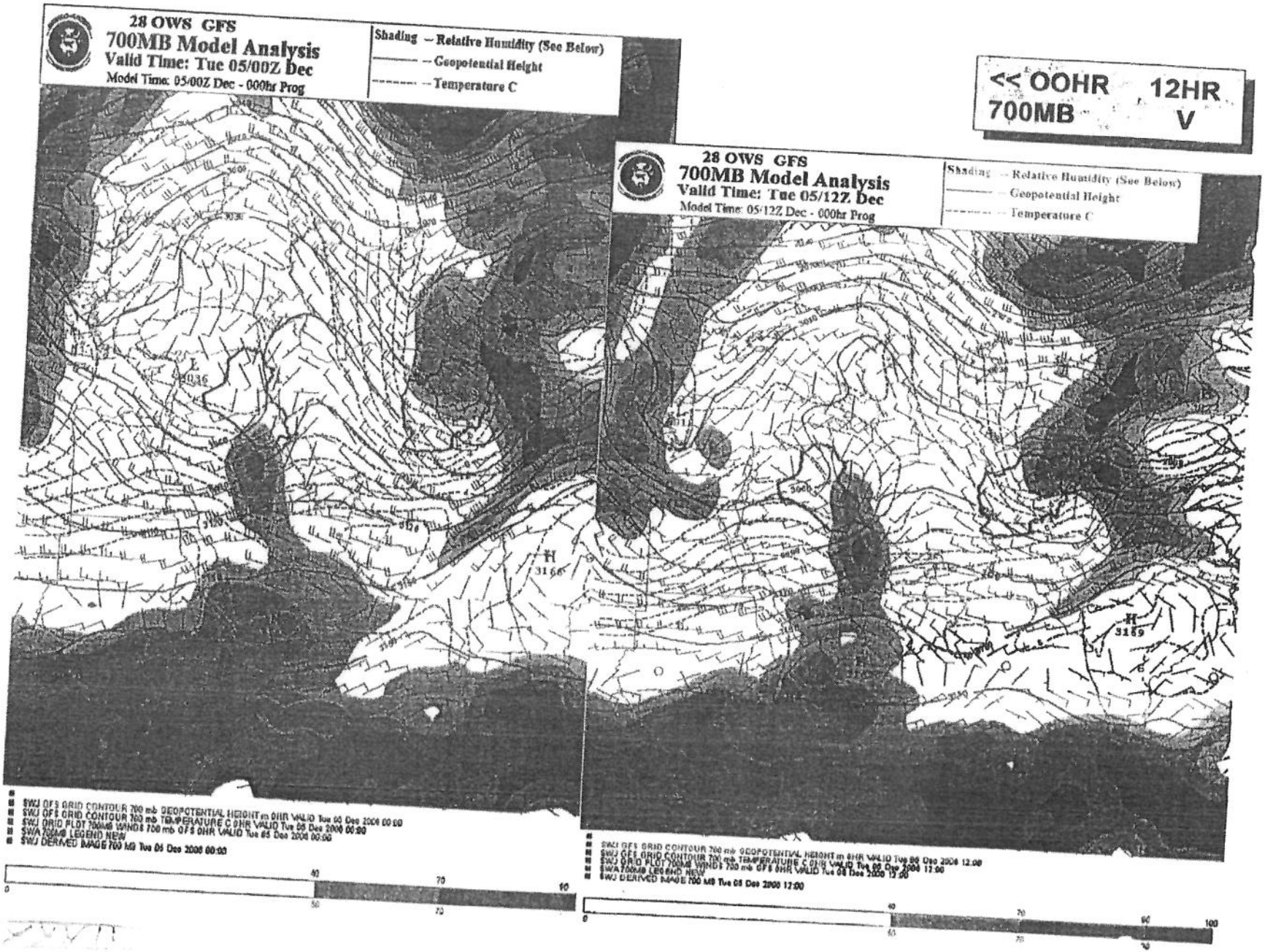

28 OWS GFS
500MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading -- Vorticity Advection (See Below)
-- Geopotential Height
-- Positive Vorticity
-- Negative Vorticity
<< 00HR 12HR
500MB VORT V
28 OWS GFS
500MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading -- Vorticity Advection (See Below)
-- Geopotential Height
-- Positive Vorticity
-- Negative Vorticity

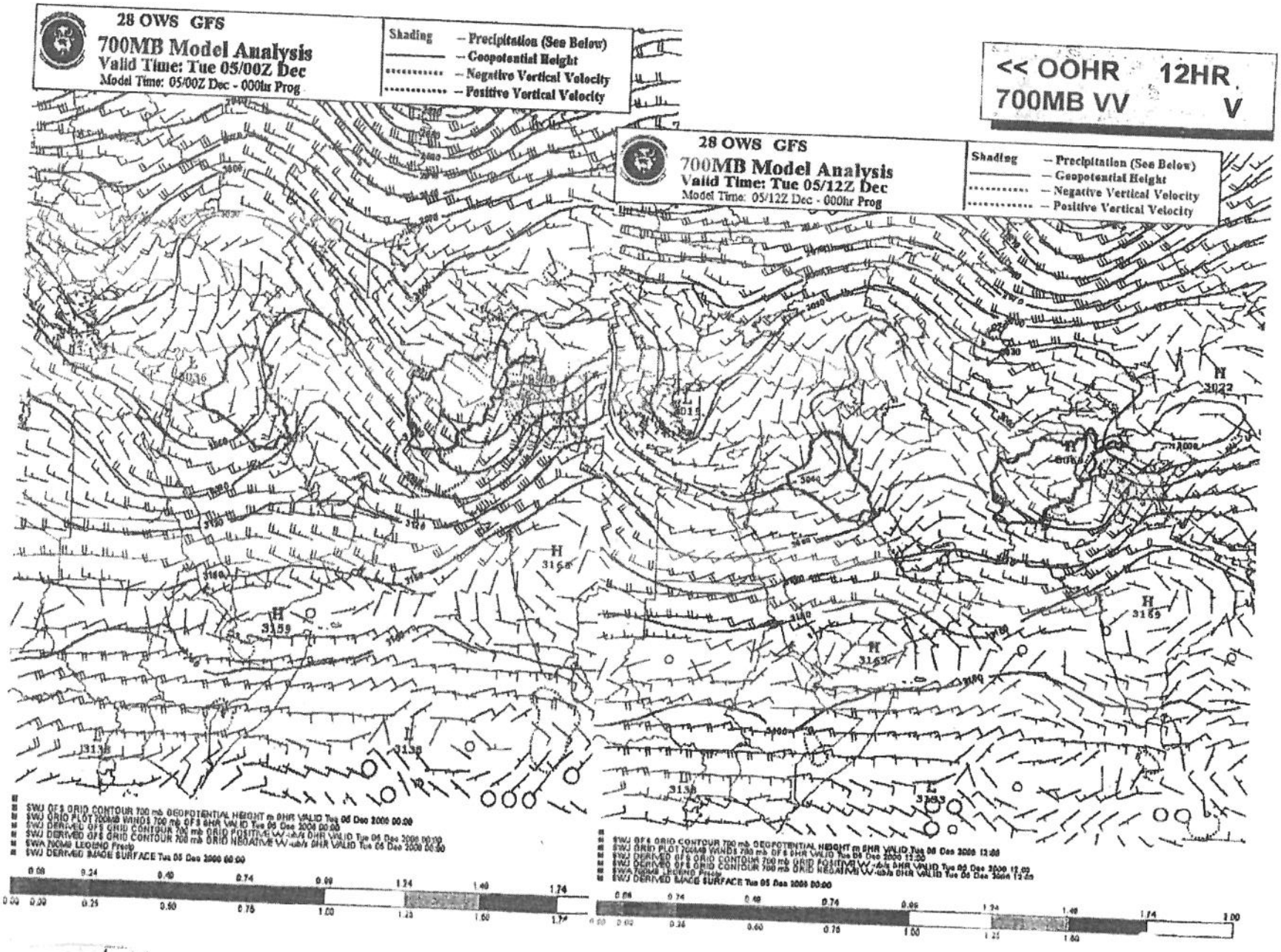
J - XXVII

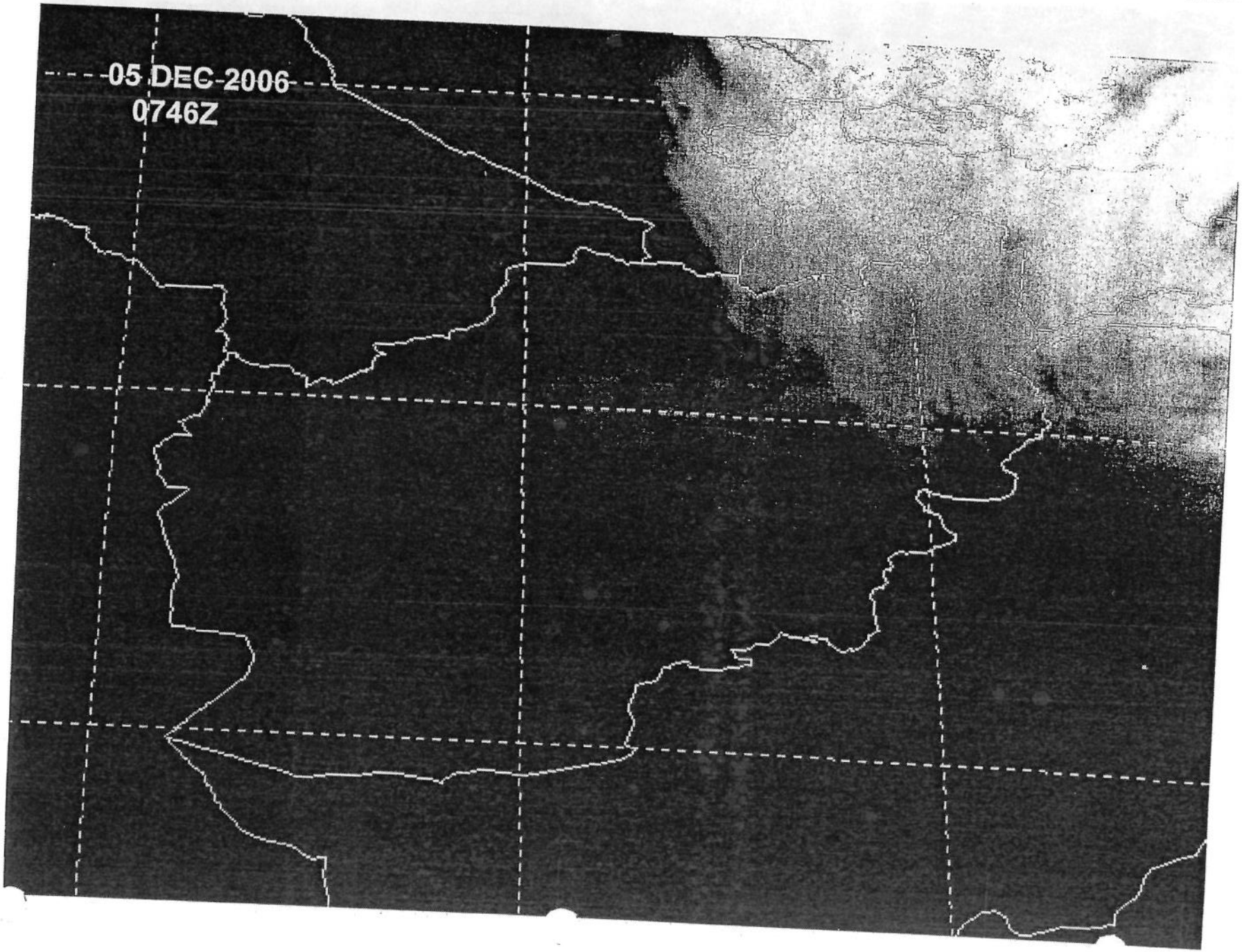

28OWS GFS
500MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading -- Relative Humidity (See Below)
-- Geopotential Height
-- Temperature C
<< OOHR 12HR
500MB V
28OWS GFS
500MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading -- Relative Humidity (See Below)
-- Geopotential Height
-- Temperature C


28 OWS GFS
600MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading – Relative Humidity (See Below)
– Geopotential Height
– Temperature C
<< OOHR 12HR
600MB V
28 OWS GFS
600MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading – Relative Humidity (See Below)
– Geopotential Height
– Temperature C

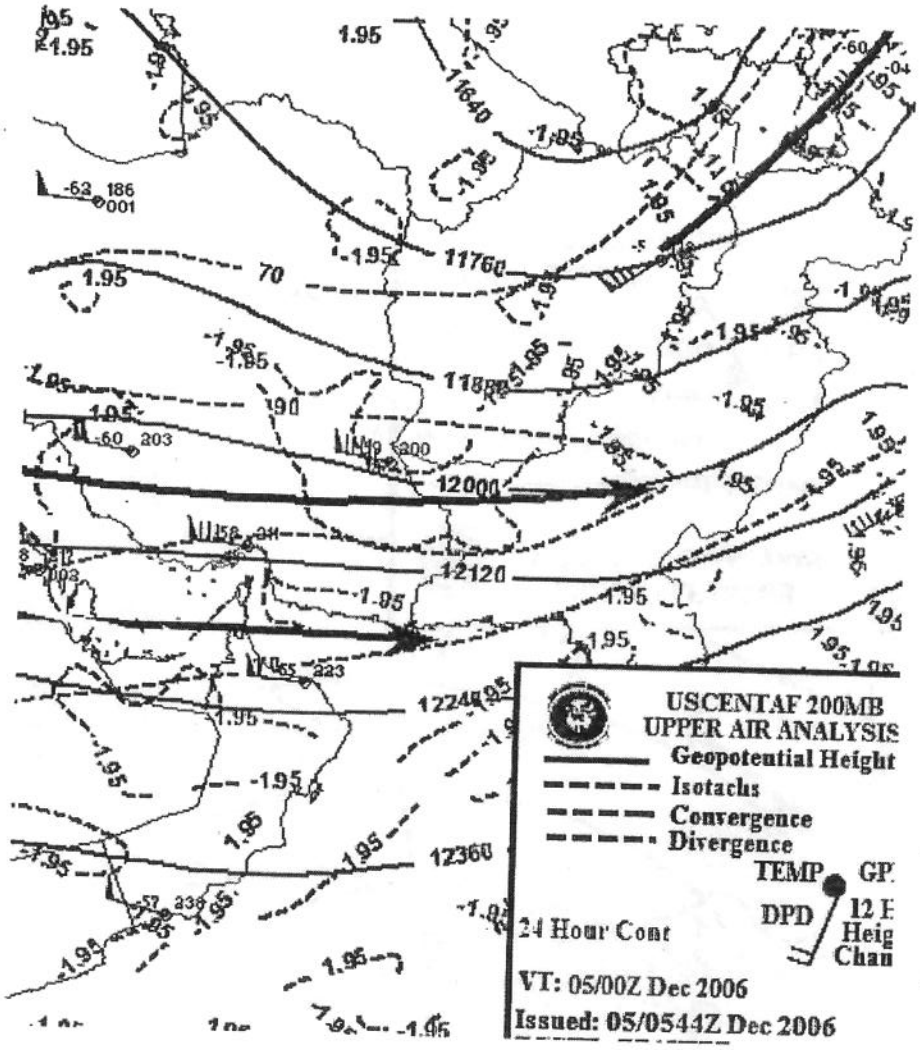

28 OWS GFS
600MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading -- Precipitation (See Below)
-- Geopotential Height
-- Negative Vertical Velocity
-- Positive Vertical Velocity
<< 00HR 12HR
600MB VV V
28 OWS GFS
600MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading -- Precipitation (See Below)
-- Geopotential Height
-- Negative Vertical Velocity
-- Positive Vertical Velocity

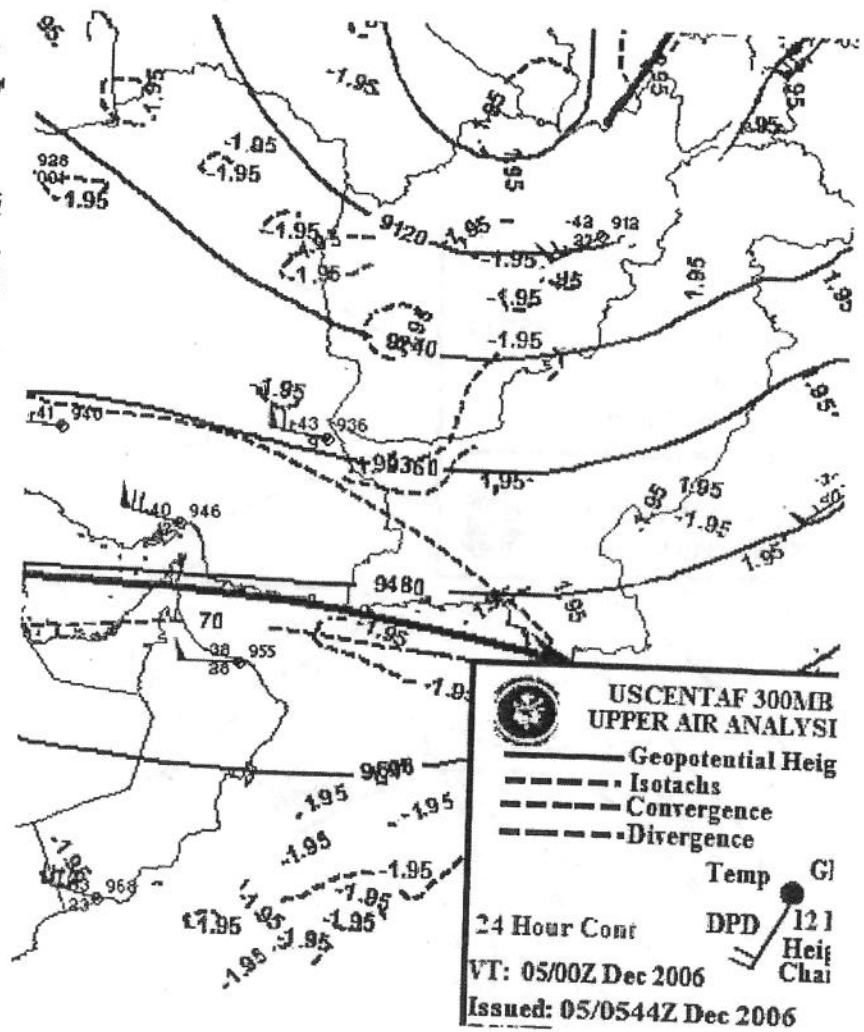

28 OWS GFS
700MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading -- Relative Humidity (See Below)
-- Geopotential Height
-- Temperature C
<< 00HR 12HR
700MB V
28 OWS GFS
700MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading -- Relative Humidity (See Below)
-- Geopotential Height
-- Temperature C


28 OWS GFS
700MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading – Precipitation (See Below)
– Geopotential Height
– Negative Vertical Velocity
– Positive Vertical Velocity
<< OOHR 12HR
700MB VV V
28 OWS GFS
700MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading – Precipitation (See Below)
– Geopotential Height
– Negative Vertical Velocity
– Positive Vertical Velocity

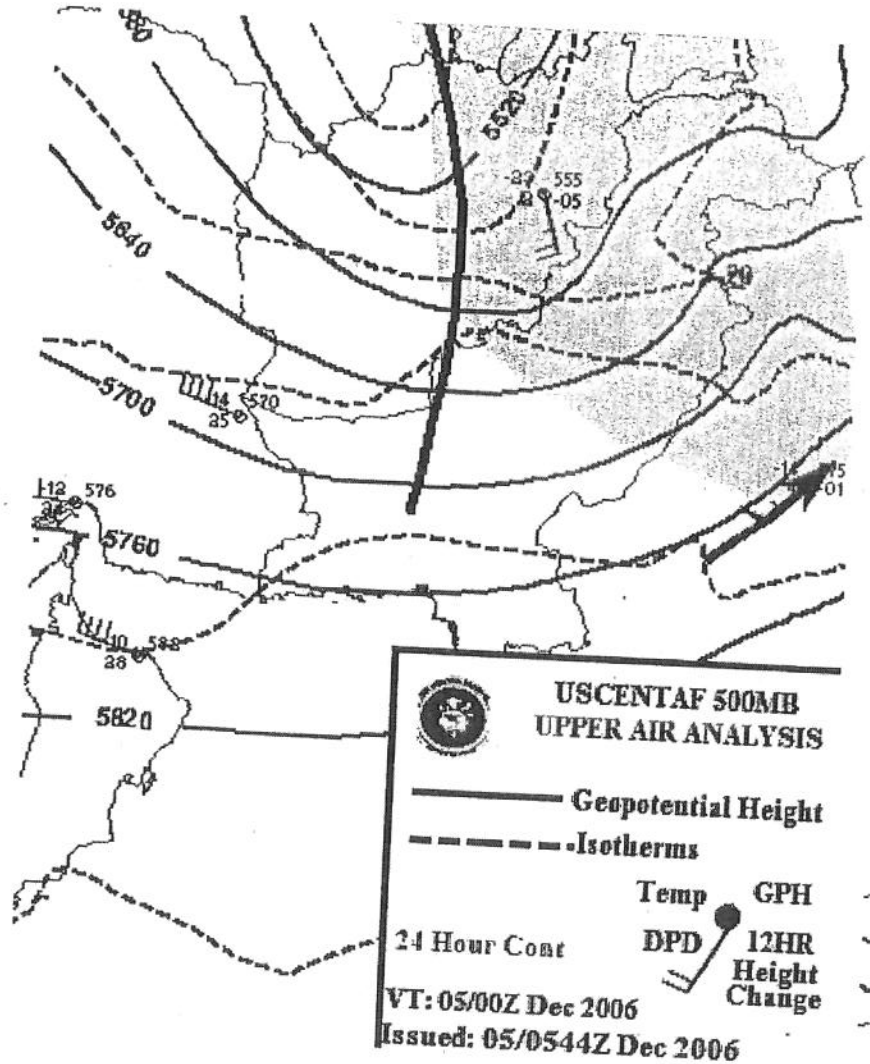

05 DEC 2006
0746Z

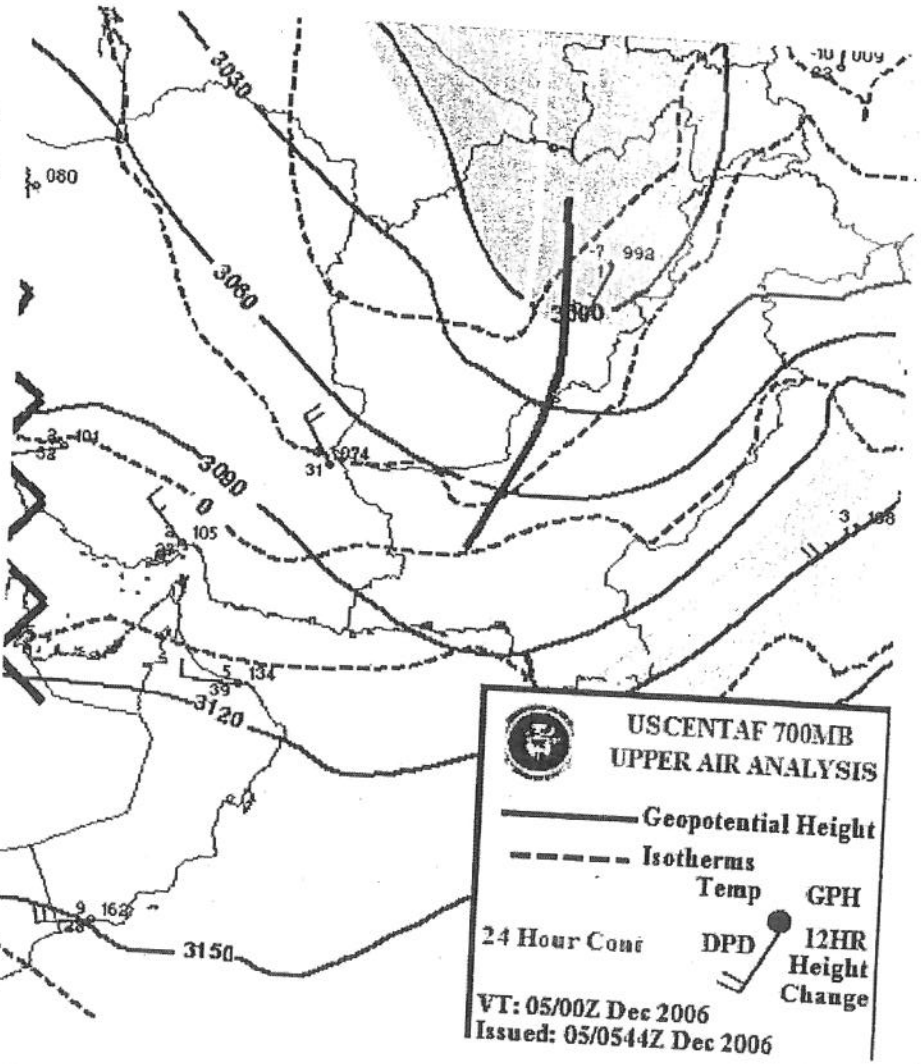
図XVII

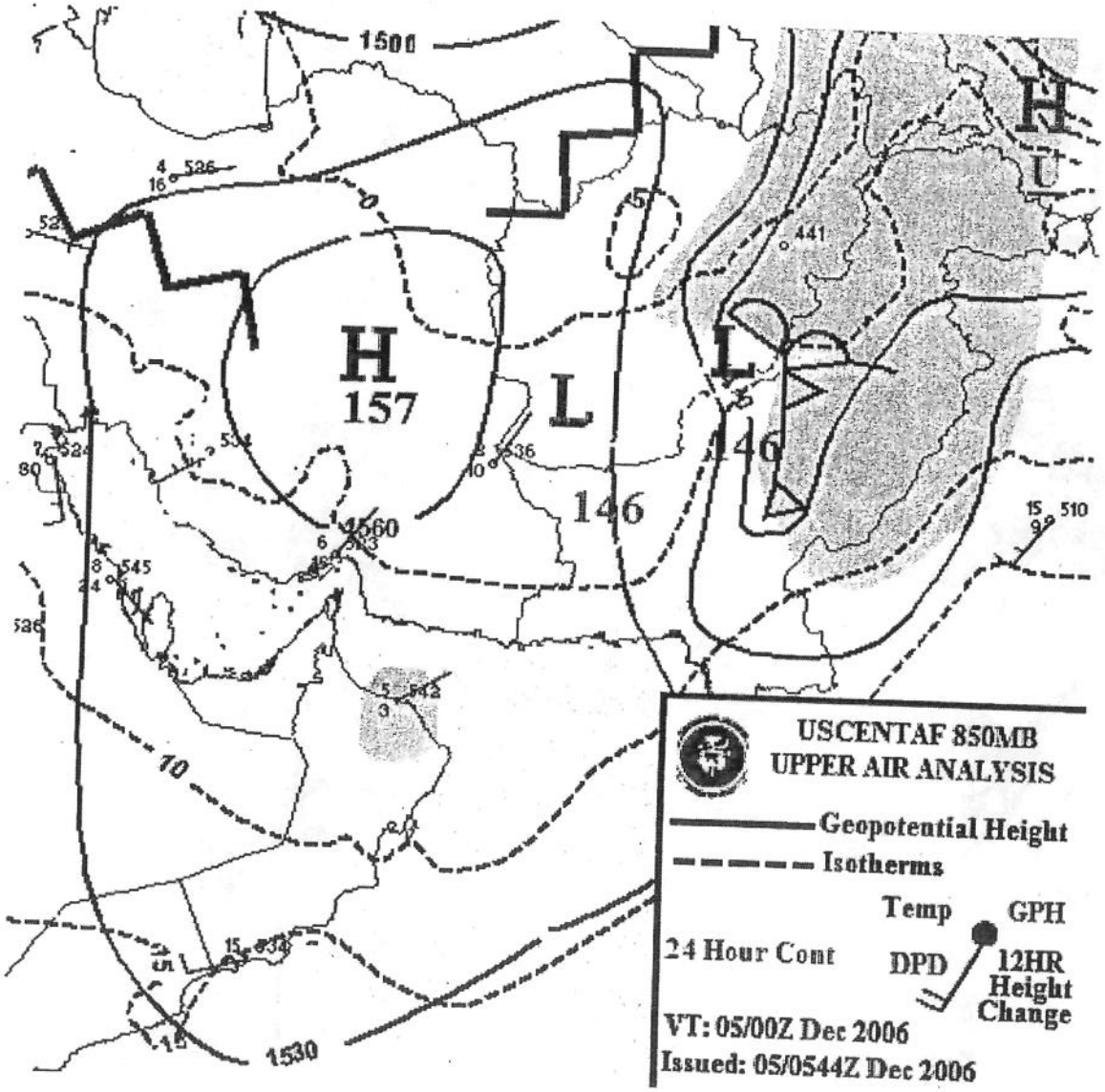

USCENTAF 200MB
UPPER AIR ANALYSIS
Geopotential Height
Isotachs
Convergence
Divergence
TEMP
DPD
24 Hour Cont
VT: 05/00Z Dec 2006
Issued: 05/0544Z Dec 2006

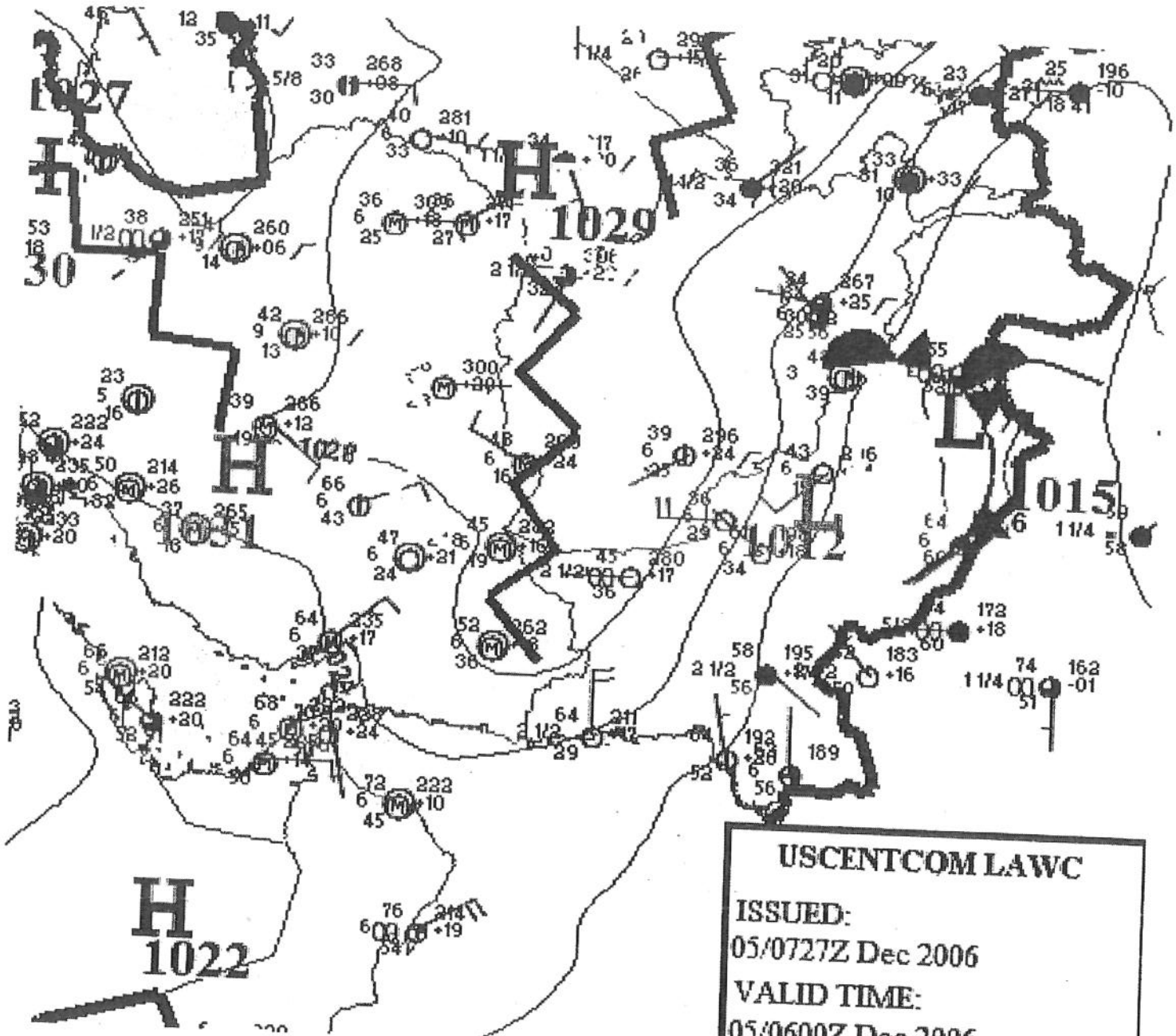

USCENTAF 300MB
UPPER AIR ANALYSI
Geopotential Heig
Isotachs
Convergence
Divergence
Temp
DPD
24 Hour Cont
VT: 05/00Z Dec 2006
Issued: 05/0544Z Dec 2006

MAXX - 2


5580
5640
5700
5760
5820
555
-05
570
576
588
USCENTAF 500MB
UPPER AIR ANALYSIS
Geopotential Height
Isotherms
Temp
GPH
DPD
12HR
Height
Change
24 Hour Cont
VT: 05/00Z Dec 2006
Issued: 05/0544Z Dec 2006


3030
3060
3090
3120
3150
080
992
974
105
163
USCENTAF 700MB
UPPER AIR ANALYSIS
Geopotential Height
Isotherms
Temp
GPH
DPD
12HR
Height
Change
24 Hour Cont
VT: 05/00Z Dec 2006
Issued: 05/0544Z Dec 2006


1500
H
157
L
146
L
146
H
1560
1530
10
USCENTAF 850MB
UPPER AIR ANALYSIS
Geopotential Height
Isotherms
Temp
GPH
24 Hour Cont
DPD
12HR
Height
Change
VT: 05/00Z Dec 2006
Issued: 05/0544Z Dec 2006

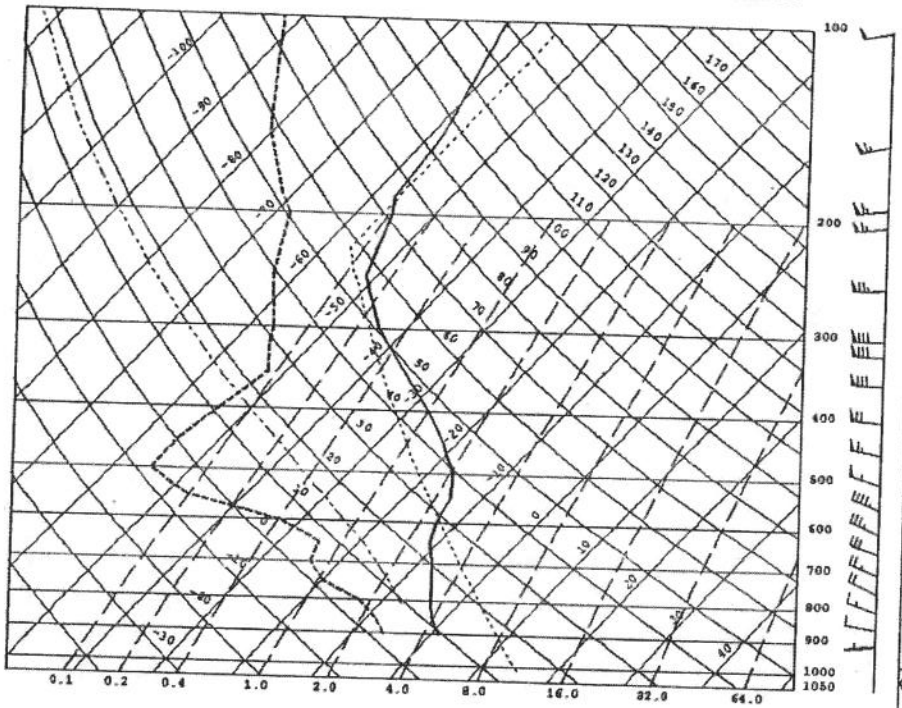

USCENTCOM LAWC
ISSUED:
05/0727Z Dec 2006
VALID TIME:
05/0600Z Dec 2006
H
1029
H
1031
H
1022
L
1015
1012

J - XXVII

Summary Text for GFS GRID KQHN 693144 31.62 65.70 0HR VALID Tue 05 Dec 2006 00:00

LI:	18.9	KI:	-9	LCL:	808 mb/ 6245 ft/ -7.9 C	THK 1000-850:	1313 m
SHOW:	18.8	THI:	-28	CCL:	561 mb/15473 ft/-13.7 C	THK 1000-700:	2838 m
TTI:	22	SCTI:	10	LFC:	M mb/ M / M C	THK 1000-500:	5404 m
VTI:	15	HAIL:	M	TROP:	188 mb/40755 ft/-57.0 C	THK 850-700:	1525 m
CTI:	7	CGT1:	0	MAXWIND:	272/ 62kt at 316mb	THK 850-500:	4091 m
SWI:	74	CGT2:	9	EQP:	Mmb/ M PI: 31	LPR 850-500:	3.7C/km
CAPE:	0	BRN:	0.0	STMN:	307/ 41kt LSI: 11.0	FOGP:-11.1	FOGT: 14.6 C
CINH:	0	WBO:	0	DCAPE:	3 VGP: 0.00	FSI: 29.1	FRZ: 707 ft
MLCAPE:	0	MXZ:	0	CONVT:	23.9 C PW: 0.15 in	CON C:	38170 / 56723 ft
EHI:	0.0	CAP:	M	SRH 1/2/3km:	20 / 36 / 64	CON P:	29598 / 69098 ft

NO ICING

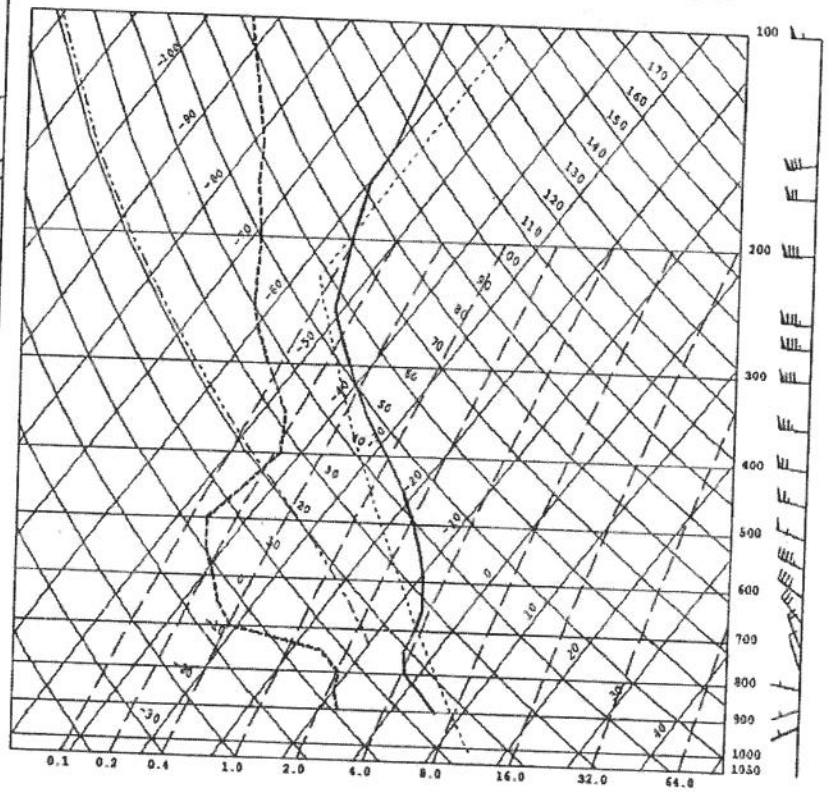


SkewT Form
GFS GRID SKEWT KQHN 693144 31.62 65.70 0HR VALID Tue 05 Dec 2006 00:00

Summary Text for GFS GRID KQHN 693144 31.62 65.70 12HR VALID Tue 05 Dec 2006 12:00

LI:	15.9	KI:	-16	LCL:	732 mb/ 8865 ft/ -9.9 C	THK 1000-850:	1336 m
SHOW:	15.9	THI:	-32	CCL:	519 mb/17632 ft/-15.0 C	THK 1000-700:	2875 m
TTI:	25	SCTI:	9	LFC:	M mb/ M / M C	THK 1000-500:	5468 m
VTI:	19	HAIL:	M	TROP:	168 mb/43586 ft/-59.6 C	THK 850-700:	1539 m
CTI:	6	CGT1:	0	MAXWIND:	272/ 85kt at 270mb	THK 850-500:	4132 m
SWI:	70	CGT2:	20	EQP:	Mmb/ M PI: 12	LPR 850-500:	4.6C/km
CAPE:	0	BRN:	0.0	STMN:	313/ 40kt LSI: 9.5	FOGP:-19.1	FOGT: 24.6 C
CINH:	0	WBO:	479	DCAPE:	0 VGP: 0.00	FSI: 42.3	FRZ: 2562 ft
MLCAPE:	0	MXZ:	0	CONVT:	29.3 C PW: 0.15 in	CON C:	37519 / 60635 ft
EHI:	0.0	CAP:	M	SRH 1/2/3km:	-85 /-112 / -82	CON P:	29963 / 70099 ft

NO ICING



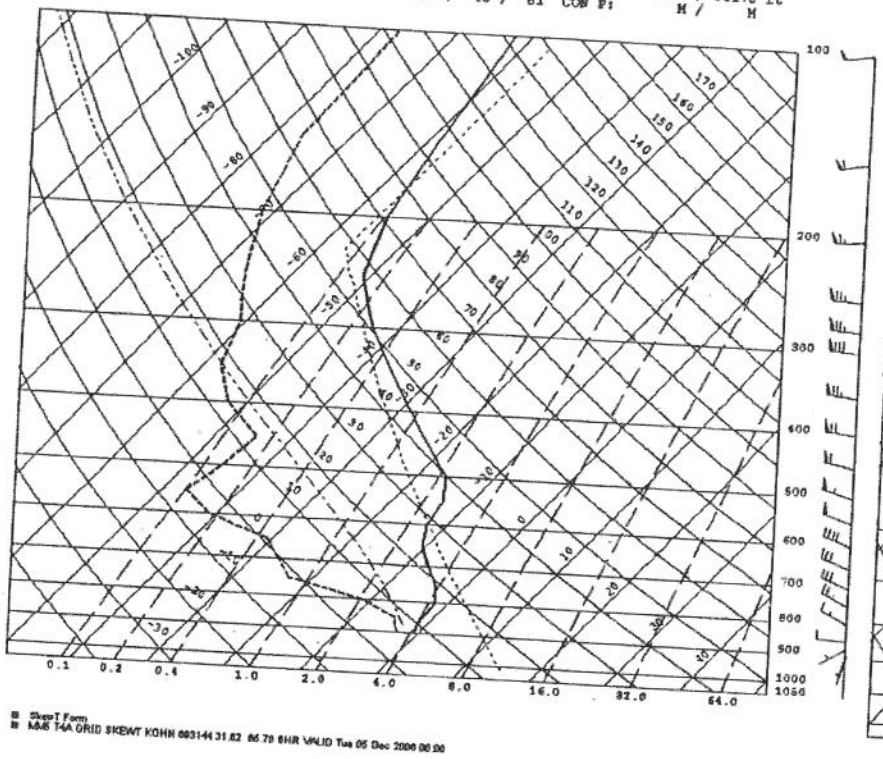
SkewT Form
GFS GRID SKEWT KQHN 693144 31.62 65.70 12HR VALID Tue 05 Dec 2006 12:00

EQCA / KQHN SKEW-Ts

Summary Text for MM5 T4A GRID KQHN 693144 31.62 85.70 6HR VALID Tue 05 Dec 2006 00:00

LI:	17.6	KI:	-9	LCL:	872 mb/ 5168 ft/	-2.8 C	THK 1000-850:	1307 m
SHOW:	17.1	THI:	-27	CCL:	678 mb/10708 ft/	-8.5 C	THK 1000-700:	2844 m
TTI:	26	SCTI:	13	LFC:	M mb/ M /	M C	THK 1000-500:	5416 m
VTI:	14	HAIL:	M	TROP:	278 mb/31900 ft/	M C	THK 850-700:	1537 m
CTI:	11	CGI1:	0	MAXWIND:	M/ M at	Kmb	THK 850-500:	4109 m
SWI:	72	CGI2:	M	EQP:	Kmb/ M PI:	35	LPR 850-500:	3.6C/km
CAPE:	0	BRN:	0.0	STMN:	306/ 42kt LSI:	9.6	FOGP: -3.6 FOGT:	8.6 C
CINH:	0	WBO:	M	DCAPE:	0 VGP:	0.00	FSI: 14.3 FRZ:	0 ft
MLCAPE:	0	MXZ:	0	CONVT:	13.8 C PW:	0.16 in	CON C:	38326 / 55175 ft
EHI:	0.0	CAP:	M	SRH 1/2/3km:	22 / 45 / 61		CON F:	M / M

NO ICING

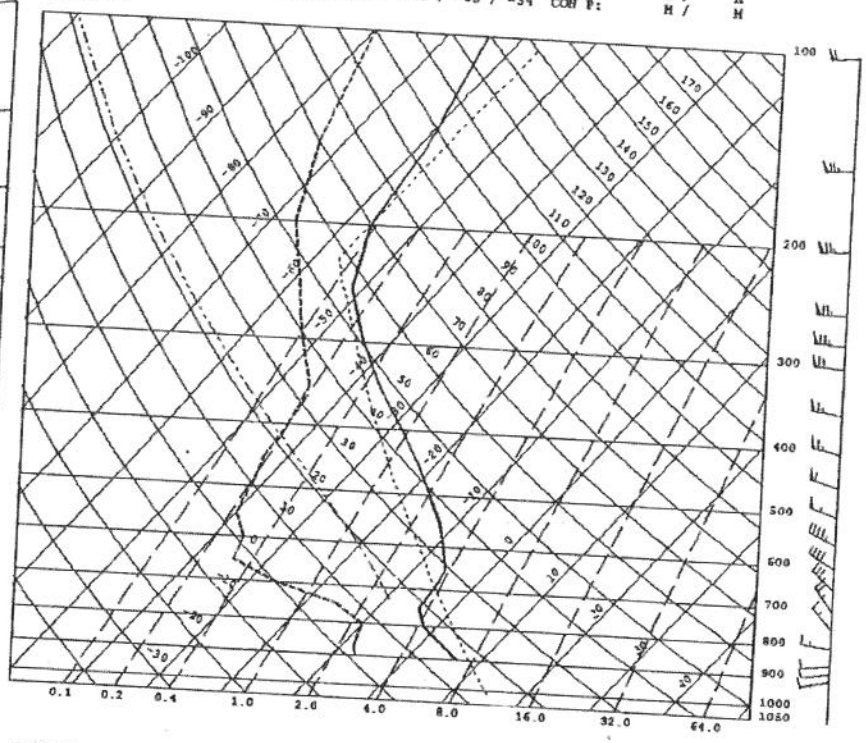


SkewT Form
MM5 T4A GRID SKEWT KQHN 693144 31.62 85.70 6HR VALID Tue 05 Dec 2006 00:00

Summary Text for MM5 T4A GRID KQHN 693144 31.62 85.70 18HR VALID Tue 05 Dec 2006 12:00

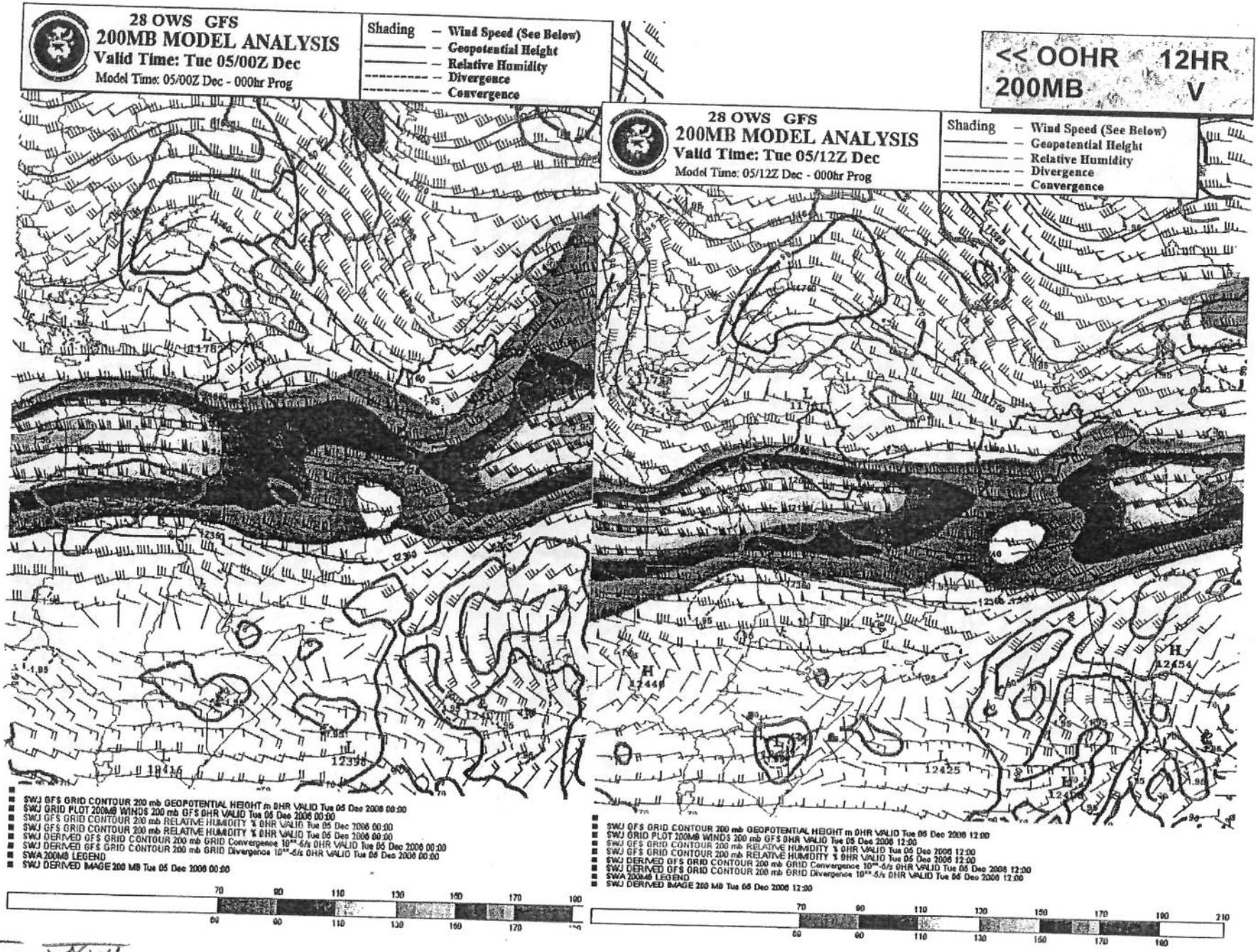
LI:	14.9	KI:	-10	LCL:	731 mb/ 8903 ft/	-9.3 C	THK 1000-850:	1339 m
SHOW:	14.9	THI:	-25	CCL:	534 mb/16954 ft/	-13.9 C	THK 1000-700:	2878 m
TTI:	27	SCTI:	10	LFC:	M mb/ M /	M C	THK 1000-500:	5475 m
VTI:	19	HAIL:	M	TROP:	277 mb/32201 ft/	M C	THK 850-700:	1539 m
CTI:	8	CGI1:	0	MAXWIND:	M/ M at	Kmb	THK 850-500:	4136 m
SWI:	78	CGI2:	20	EQP:	Kmb/ M PI:	35	LPR 850-500:	4.8C/km
CAPE:	0	BRN:	0.0	STMN:	314/ 41kt LSI:	8.9	FOGP: -17.2 FOGT:	23.1 C
CINH:	0	WBO:	736	DCAPE:	52 VGP:	0.00	FSI: 48.1 FRZ:	2671 ft
MLCAPE:	0	MXZ:	0	CONVT:	28.1 C PW:	0.16 in	CON C:	M / M
EHI:	0.0	CAP:	M	SRH 1/2/3km:	-41 / -65 / -34		CON F:	M / M

NO ICING

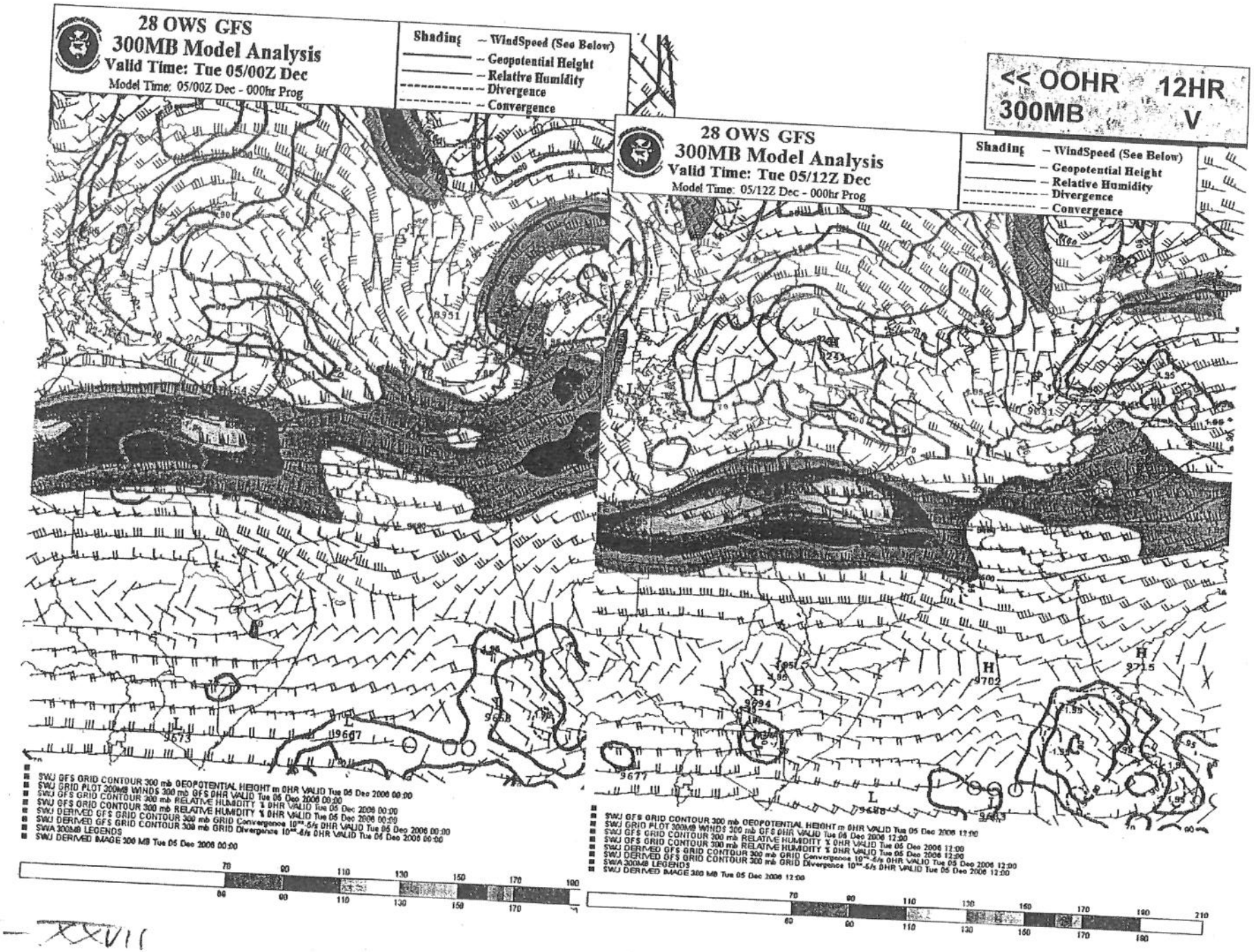


SkewT Form
MM5 T4A GRID SKEWT KQHN 693144 31.62 85.70 18HR VALID Tue 05 Dec 2006 12:00

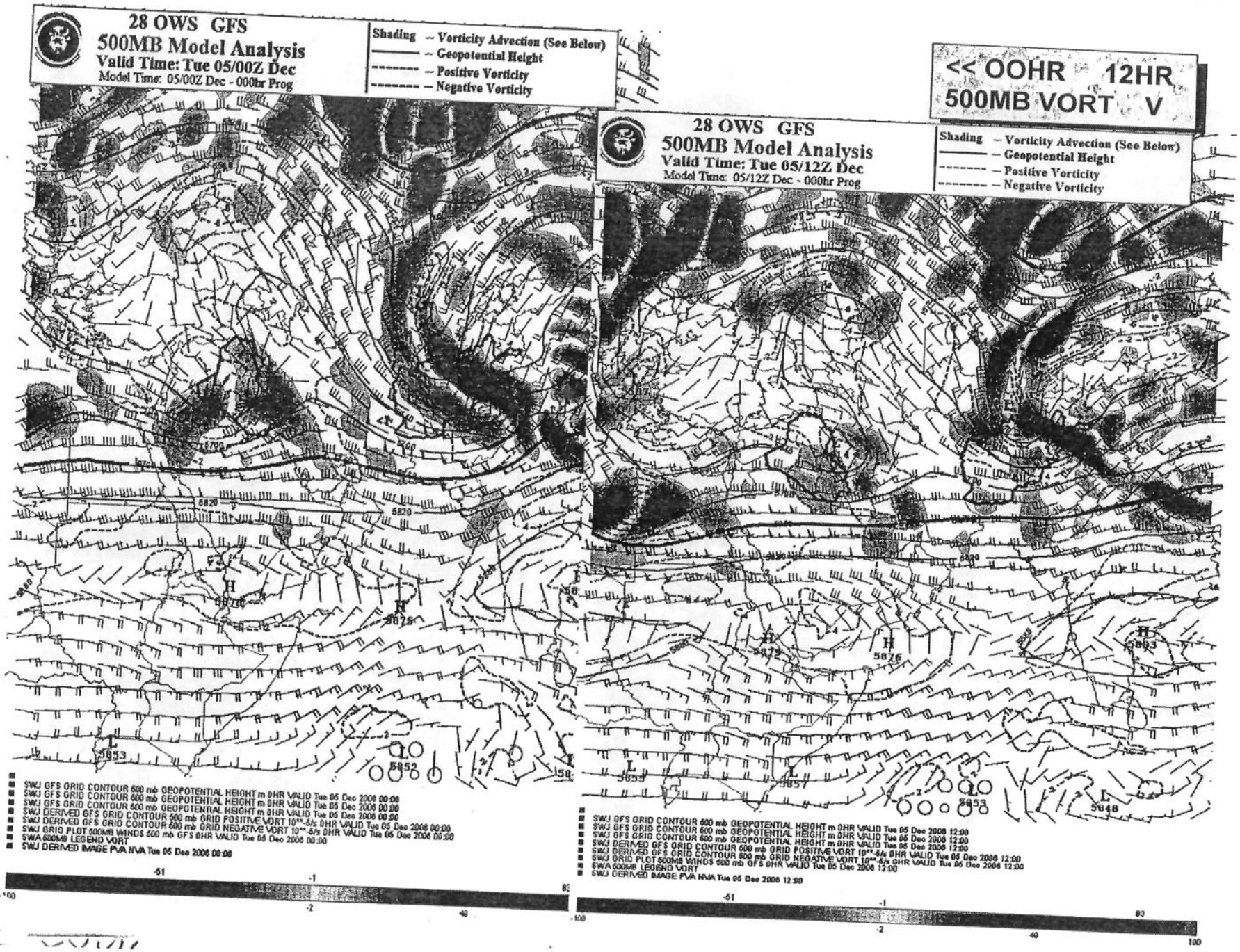
J-XXVII

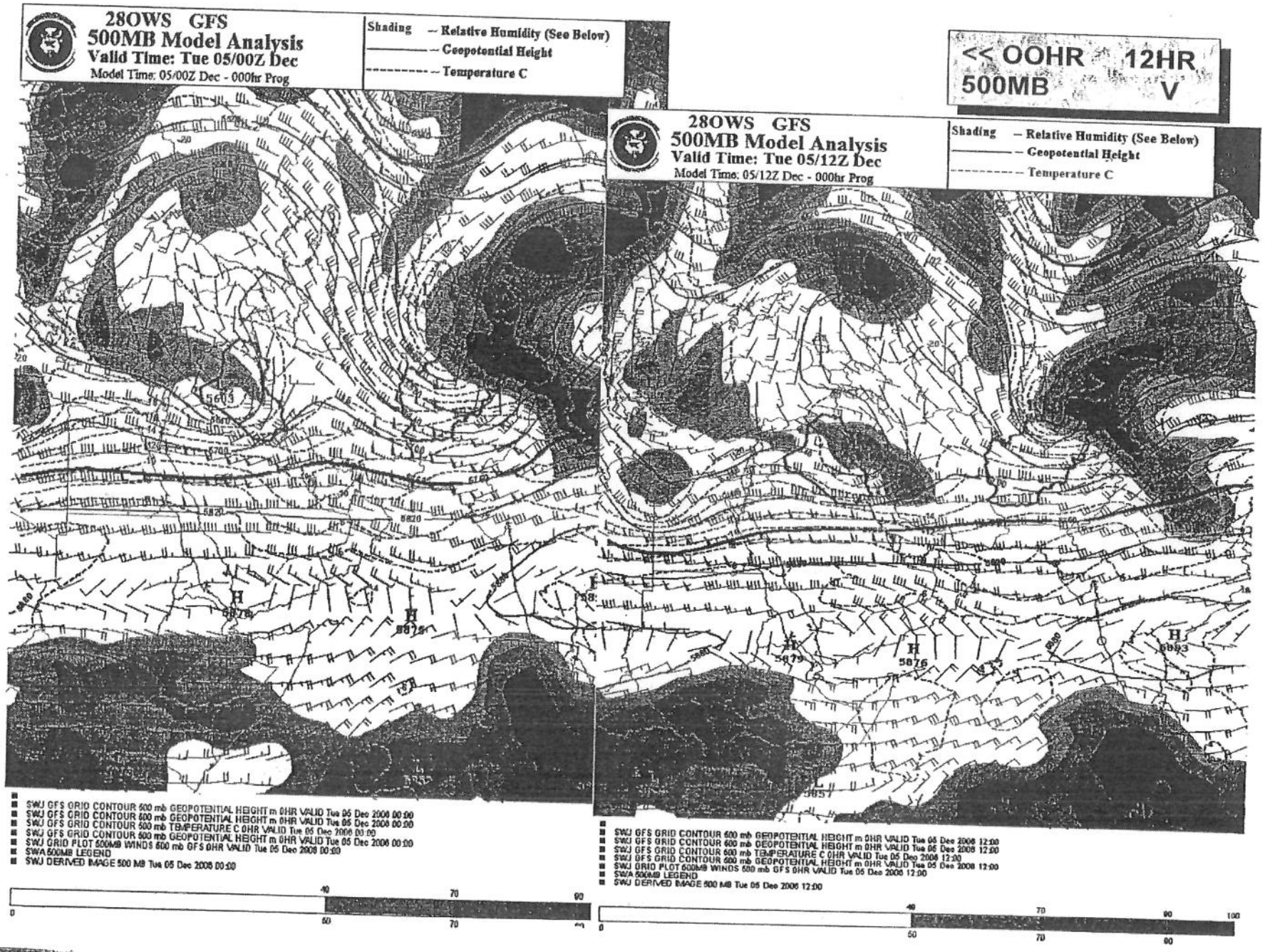

28 OWS GFS
200MB MODEL ANALYSIS
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading – Wind Speed (See Below)
– Geopotential Height
– Relative Humidity
– Divergence
– Convergence
<< OOHR 12HR
200MB V
28 OWS GFS
200MB MODEL ANALYSIS
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading – Wind Speed (See Below)
– Geopotential Height
– Relative Humidity
– Divergence
– Convergence
SWJ GFS GRID CONTOUR 200 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 00:00
SWJ GRID PLOT 200MB WINDS 200 mb GFS 0HR VALID Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 200 mb RELATIVE HUMIDITY % 0HR VALID Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 200 mb RELATIVE HUMIDITY % 0HR VALID Tue 05 Dec 2006 00:00
SWJ DERIVED GFS GRID CONTOUR 200 mb GRID Convergence 10**-6/s 0HR VALID Tue 05 Dec 2006 00:00
SWJ DERIVED GFS GRID CONTOUR 200 mb GRID Divergence 10**-6/s 0HR VALID Tue 05 Dec 2006 00:00
SWA 200MB LEGEND
SWJ DERIVED IMAGE 200 MB Tue 05 Dec 2006 00:00
70 90 110 130 150 170 190
60 90 110 130 150 170
SWJ GFS GRID CONTOUR 200 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 12:00
SWJ GRID PLOT 200MB WINDS 200 mb GFS 0HR VALID Tue 05 Dec 2006 12:00
SWJ GFS GRID CONTOUR 200 mb RELATIVE HUMIDITY % 0HR VALID Tue 05 Dec 2006 12:00
SWJ GFS GRID CONTOUR 200 mb RELATIVE HUMIDITY % 0HR VALID Tue 05 Dec 2006 12:00
SWJ DERIVED GFS GRID CONTOUR 200 mb GRID Convergence 10**-6/s 0HR VALID Tue 05 Dec 2006 12:00
SWJ DERIVED GFS GRID CONTOUR 200 mb GRID Divergence 10**-6/s 0HR VALID Tue 05 Dec 2006 12:00
SWA 200MB LEGEND
SWJ DERIVED IMAGE 200 MB Tue 05 Dec 2006 12:00
70 90 110 130 150 170 190 210
60 90 110 130 150 170 190

T - XXVII

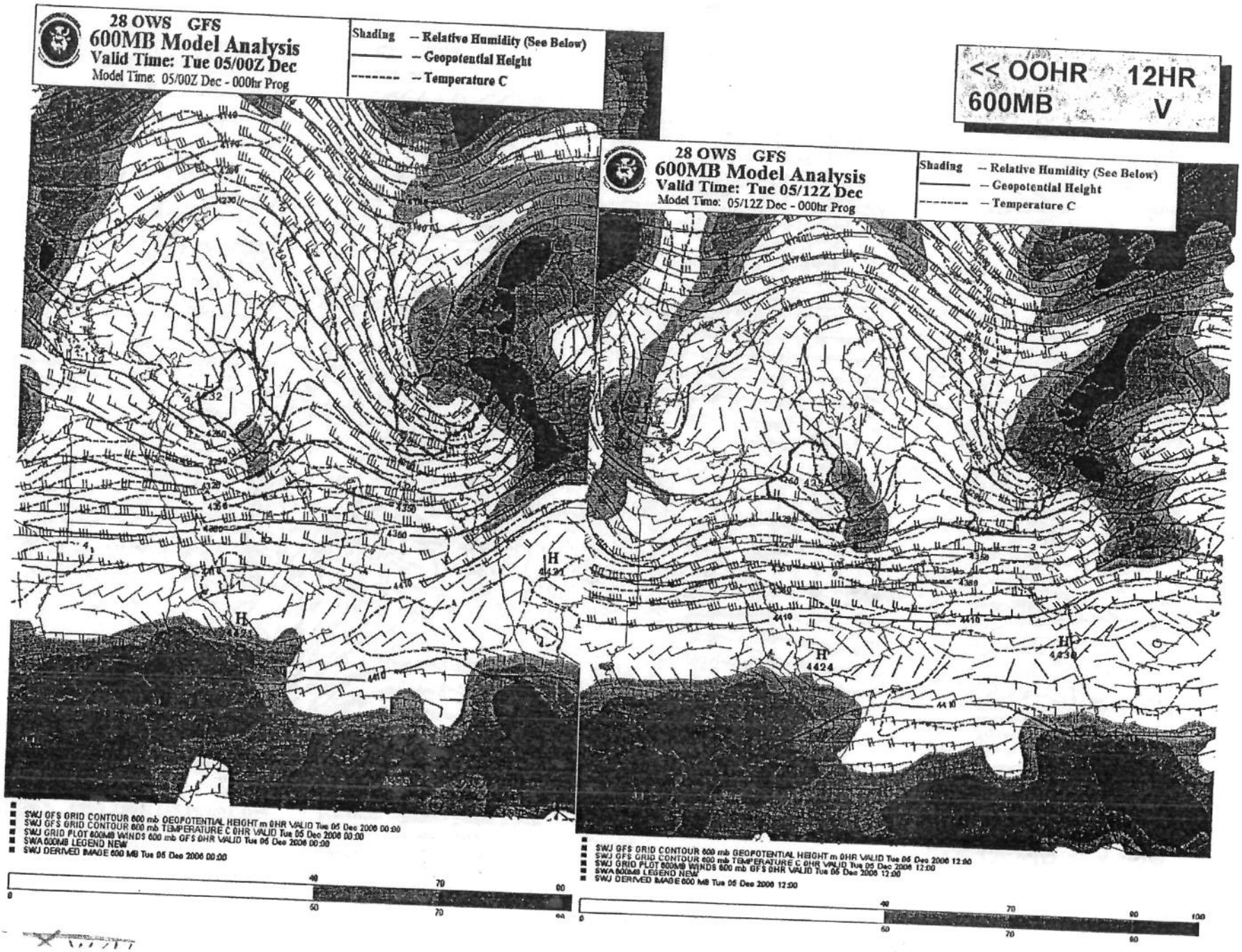

28 OWS GFS
300MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading – WindSpeed (See Below)
– Geopotential Height
– Relative Humidity
– Divergence
– Convergence
<< OOHR 12HR
300MB V
28 OWS GFS
300MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading – WindSpeed (See Below)
– Geopotential Height
– Relative Humidity
– Divergence
– Convergence
SWJ GFS GRID CONTOUR 300 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 00:00
SWJ GRID PLOT 300MB WINDS 300 mb GFS 0HR VALID Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 300 mb RELATIVE HUMIDITY % 0HR VALID Tue 05 Dec 2006 00:00
SWJ DERIVED GFS GRID CONTOUR 300 mb RELATIVE HUMIDITY % 0HR VALID Tue 05 Dec 2006 00:00
SWJ DERIVED GFS GRID CONTOUR 300 mb GRID Convergence 10**-5/s 0HR VALID Tue 05 Dec 2006 00:00
SWA 300MB LEGENDS
SWJ DERIVED IMAGE 300 MB Tue 05 Dec 2006 00:00
70 90 110 130 150 170 190
60 90 110 130 150 170
SWJ GFS GRID CONTOUR 300 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 12:00
SWJ GRID PLOT 300MB WINDS 300 mb GFS 0HR VALID Tue 05 Dec 2006 12:00
SWJ GFS GRID CONTOUR 300 mb RELATIVE HUMIDITY % 0HR VALID Tue 05 Dec 2006 12:00
SWJ DERIVED GFS GRID CONTOUR 300 mb RELATIVE HUMIDITY % 0HR VALID Tue 05 Dec 2006 12:00
SWJ DERIVED GFS GRID CONTOUR 300 mb GRID Convergence 10**-5/s 0HR VALID Tue 05 Dec 2006 12:00
SWA 300MB LEGENDS
SWJ DERIVED IMAGE 300 MB Tue 05 Dec 2006 12:00
70 90 110 130 150 170 190 210
60 90 110 130 150 170 190

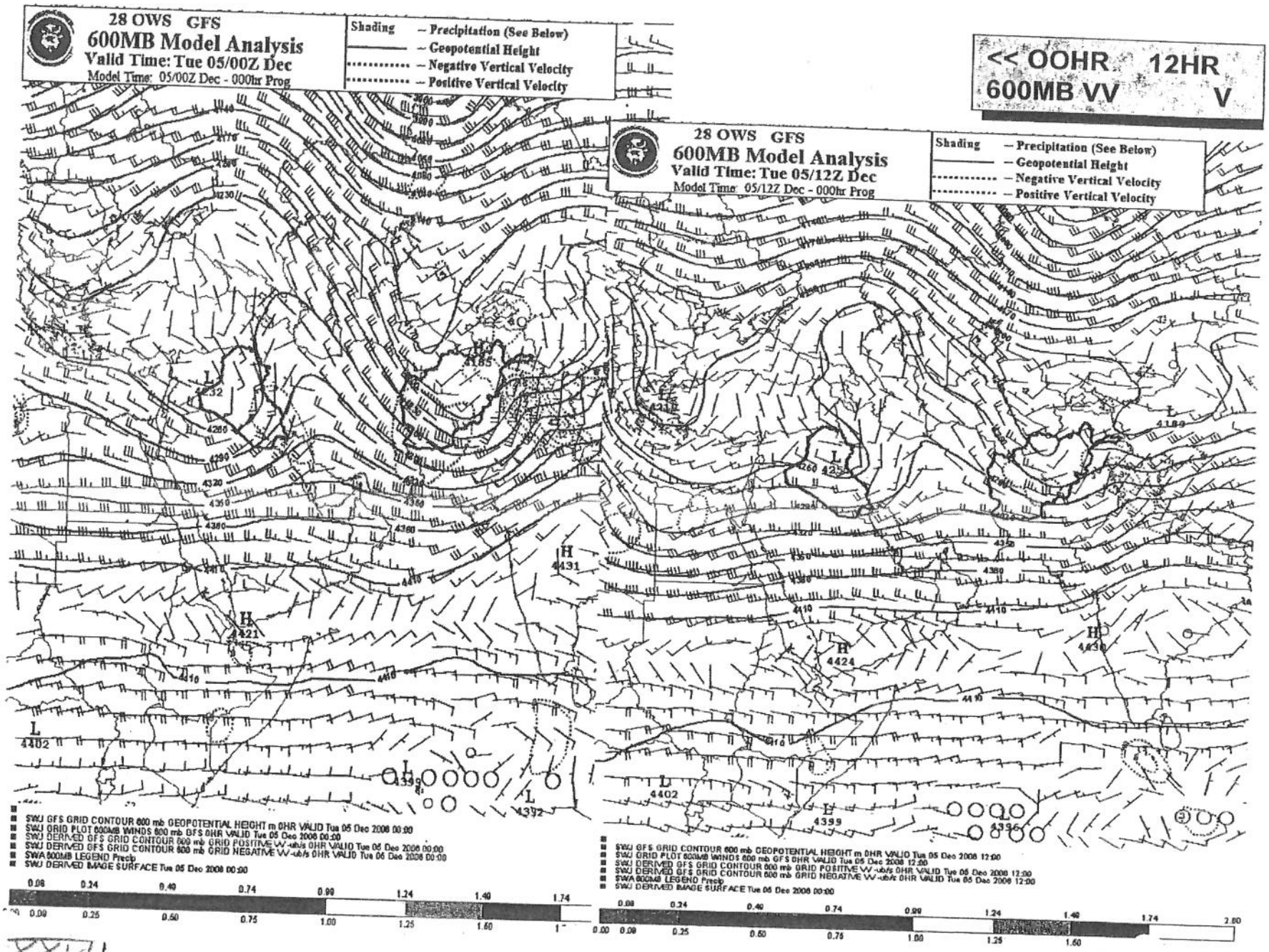
XXVII


28 OWS GFS
500MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading -- Vorticity Advection (See Below)
-- Geopotential Height
-- Positive Vorticity
-- Negative Vorticity
<< OOHR 12HR
500MB VORT V
28 OWS GFS
500MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading -- Vorticity Advection (See Below)
-- Geopotential Height
-- Positive Vorticity
-- Negative Vorticity
SWJ GFS GRID CONTOUR 500 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 500 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 500 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 00:00
SWJ DERIVED GFS GRID CONTOUR 500 mb GRID POSITIVE VORT 10**-5/s 0HR VALID Tue 05 Dec 2006 00:00
SWJ DERIVED GFS GRID CONTOUR 500 mb GRID NEGATIVE VORT 10**-5/s 0HR VALID Tue 05 Dec 2006 00:00
SWJ GRID PLOT 500MB WINDS 500 mb GFS 0HR VALID Tue 05 Dec 2006 00:00
SWA 500MB LEGEND VORT
SWJ DERIVED IMAGE PVA NVA Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 500 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 12:00
SWJ GFS GRID CONTOUR 500 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 12:00
SWJ GFS GRID CONTOUR 500 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 12:00
SWJ DERIVED GFS GRID CONTOUR 500 mb GRID POSITIVE VORT 10**-5/s 0HR VALID Tue 05 Dec 2006 12:00
SWJ DERIVED GFS GRID CONTOUR 500 mb GRID NEGATIVE VORT 10**-5/s 0HR VALID Tue 05 Dec 2006 12:00
SWJ GRID PLOT 500MB WINDS 500 mb GFS 0HR VALID Tue 05 Dec 2006 12:00
SWA 500MB LEGEND VORT
SWJ DERIVED IMAGE PVA NVA Tue 05 Dec 2006 12:00

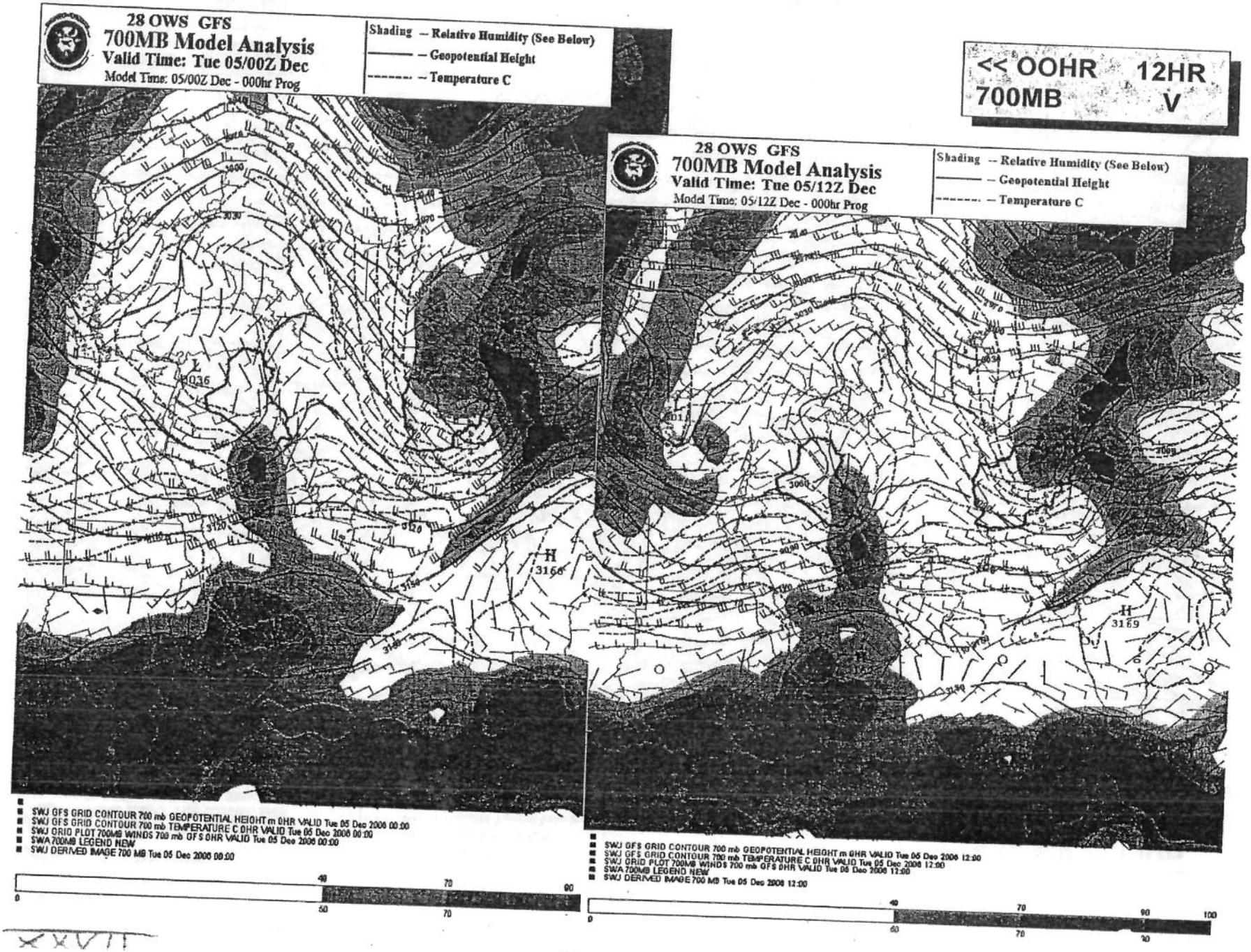

28OWS GFS
500MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading -- Relative Humidity (See Below)
-- Geopotential Height
-- Temperature C
<< OOHR 12HR
500MB V
28OWS GFS
500MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading -- Relative Humidity (See Below)
-- Geopotential Height
-- Temperature C
SWJ GFS GRID CONTOUR 500 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 500 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 500 mb TEMPERATURE C 0HR VALID Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 500 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 00:00
SWJ GRID PLOT 500MB WINDS 500 mb GFS 0HR VALID Tue 05 Dec 2006 00:00
SWA 500MB LEGEND
SWJ DERIVED IMAGE 500 MB Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 500 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 12:00
SWJ GFS GRID CONTOUR 500 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 12:00
SWJ GFS GRID CONTOUR 500 mb TEMPERATURE C 0HR VALID Tue 05 Dec 2006 12:00
SWJ GFS GRID CONTOUR 500 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 12:00
SWJ GRID PLOT 500MB WINDS 500 mb GFS 0HR VALID Tue 05 Dec 2006 12:00
SWA 500MB LEGEND
SWJ DERIVED IMAGE 500 MB Tue 05 Dec 2006 12:00

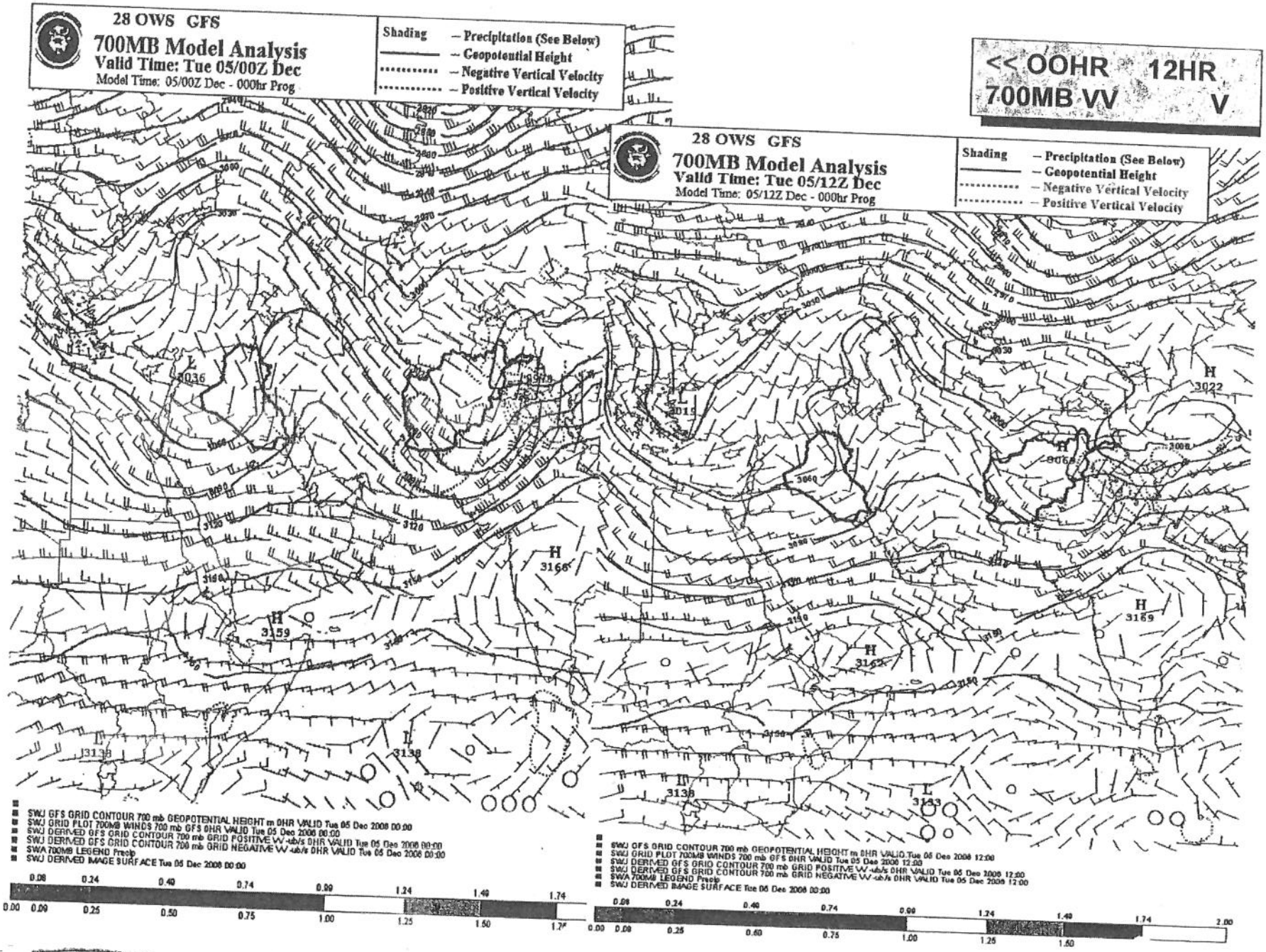
T-XXVII


28 OWS GFS
600MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading -- Relative Humidity (See Below)
-- Geopotential Height
-- Temperature C
<< OOHR 12HR
600MB V
28 OWS GFS
600MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading -- Relative Humidity (See Below)
-- Geopotential Height
-- Temperature C
SWJ GFS GRID CONTOUR 600 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 600 mb TEMPERATURE C 0HR VALID Tue 05 Dec 2006 00:00
SWJ GRID PLOT 600MB WINDS 600 mb GFS 0HR VALID Tue 05 Dec 2006 00:00
SWA600MB LEGEND NEW
SWJ DERIVED IMAGE 600 MB Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 600 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 12:00
SWJ GFS GRID CONTOUR 600 mb TEMPERATURE C 0HR VALID Tue 05 Dec 2006 12:00
SWJ GRID PLOT 600MB WINDS 600 mb GFS 0HR VALID Tue 05 Dec 2006 12:00
SWA600MB LEGEND NEW
SWJ DERIVED IMAGE 600 MB Tue 05 Dec 2006 12:00


28 OWS GFS
600MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading – Precipitation (See Below)
– Geopotential Height
– Negative Vertical Velocity
– Positive Vertical Velocity
<< OOHR 12HR
600MB VV V
28 OWS GFS
600MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading – Precipitation (See Below)
– Geopotential Height
– Negative Vertical Velocity
– Positive Vertical Velocity
SWJ GFS GRID CONTOUR 600 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 00:00
SWJ GRID PLOT 600MB WINDS 600 mb GFS 0HR VALID Tue 05 Dec 2006 00:00
SWJ DERIVED GFS GRID CONTOUR 600 mb GRID POSITIVE VV -ub/s 0HR VALID Tue 05 Dec 2006 00:00
SWA 600MB LEGEND Precip
SWJ DERIVED IMAGE SURFACE Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 600 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 12:00
SWJ GRID PLOT 600MB WINDS 600 mb GFS 0HR VALID Tue 05 Dec 2006 12:00
SWJ DERIVED GFS GRID CONTOUR 600 mb GRID POSITIVE VV -ub/s 0HR VALID Tue 05 Dec 2006 12:00
SWA 600MB LEGEND Precip
SWJ DERIVED IMAGE SURFACE Tue 05 Dec 2006 00:00

J-XXVII


28 OWS GFS
700MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading -- Relative Humidity (See Below)
-- Geopotential Height
-- Temperature C
<< OOHR 12HR
700MB V
28 OWS GFS
700MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading -- Relative Humidity (See Below)
-- Geopotential Height
-- Temperature C
SWJ GFS GRID CONTOUR 700 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 700 mb TEMPERATURE C 0HR VALID Tue 05 Dec 2006 00:00
SWJ GRID PLOT 700MB WINDS 700 mb GFS 0HR VALID Tue 05 Dec 2006 00:00
SWA 700MB LEGEND NEW
SWJ DERIVED IMAGE 700 MB Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 700 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 12:00
SWJ GFS GRID CONTOUR 700 mb TEMPERATURE C 0HR VALID Tue 05 Dec 2006 12:00
SWJ GRID PLOT 700MB WINDS 700 mb GFS 0HR VALID Tue 05 Dec 2006 12:00
SWA 700MB LEGEND NEW
SWJ DERIVED IMAGE 700 MB Tue 05 Dec 2006 12:00


28 OWS GFS
700MB Model Analysis
Valid Time: Tue 05/00Z Dec
Model Time: 05/00Z Dec - 000hr Prog
Shading – Precipitation (See Below)
– Geopotential Height
– Negative Vertical Velocity
– Positive Vertical Velocity
<< 00HR 12HR
700MB VV V
28 OWS GFS
700MB Model Analysis
Valid Time: Tue 05/12Z Dec
Model Time: 05/12Z Dec - 000hr Prog
Shading – Precipitation (See Below)
– Geopotential Height
– Negative Vertical Velocity
– Positive Vertical Velocity
SWJ GFS GRID CONTOUR 700 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 00:00
SWJ GRID PLOT 700MB WINDS 700 mb GFS 0HR VALID Tue 05 Dec 2006 00:00
SWJ DERIVED GFS GRID CONTOUR 700 mb GRID POSITIVE W -ub/s 0HR VALID Tue 05 Dec 2006 00:00
SWJ DERIVED GFS GRID CONTOUR 700 mb GRID NEGATIVE W -ub/s 0HR VALID Tue 05 Dec 2006 00:00
SWA 700MB LEGEND Precip
SWJ DERIVED IMAGE SURFACE Tue 05 Dec 2006 00:00
SWJ GFS GRID CONTOUR 700 mb GEOPOTENTIAL HEIGHT m 0HR VALID Tue 05 Dec 2006 12:00
SWJ GRID PLOT 700MB WINDS 700 mb GFS 0HR VALID Tue 05 Dec 2006 12:00
SWJ DERIVED GFS GRID CONTOUR 700 mb GRID POSITIVE W -ub/s 0HR VALID Tue 05 Dec 2006 12:00
SWJ DERIVED GFS GRID CONTOUR 700 mb GRID NEGATIVE W -ub/s 0HR VALID Tue 05 Dec 2006 12:00
SWA 700MB LEGEND Precip
SWJ DERIVED IMAGE SURFACE Tue 05 Dec 2006 00:00

J-2 XXVII