

Data list of upper wind

Observation point : Aghdasiyeh
Observation date : February 28, 1997

observation number	No. 45		No. 46		No. 47		No. 48		No. 50		No. 51		No. 52	
	3 h (3: 2)	6 h (6: 7)	9 h (8:59)	12 h (11:58)	15 h ()	18 h (18: 1)	21 h (20:53)	24 h (24: 7)	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)
surface	ENE (67)	NNE (30)	S (177)	S (188)		S W (225)	N E (53)	N E (38)						
50	0.7	1.1	0.7	1.5		1.5	1.3	0.8						
100	1.7	2.2	1.6	2.7		2.7	1.2	1.9						
150	1.6	1.9	2.0	4.0		4.0	2.1	1.2						
200	1.3	1.9	1.6	3.2		3.2	2.8	0.8						
250	1.9	1.1	1.1	3.4		3.4	1.8	2.1						
300	1.5	1.5	1.5	3.2		3.2	1.5	1.0						
350	0.8		1.1	4.0		4.0	1.8	1.4						
400	0.5		0.8	3.6		3.6	1.8	2.4						
450	1.1		1.3	3.0		3.0	2.2	2.2						
500	1.0		3.4	1.7		1.7	2.0	2.0						
550	1.2		2.9	4.2		4.2	1.5	1.3						
600			1.8	2.9		2.9	1.5	1.0						
650			2.3	2.9		2.9	2.5	0.8						
700			N W (304)	5.2		5.2	2.6	0.6						

note : Only the data obtained by ascending captive sonde are listed.

Data list of upper wind

Observation point : Aghdasiyeh
Observation date : March 1, 1997

observation number	No. 53		No. 54		No. 55		No. 56		No.		No.	
	3 h (3: 6)	wind direction (deg)	wind speed (m/s)	6 h (5:58)	wind direction (deg)	wind speed (m/s)	9 h (9:12)	wind direction (deg)	wind speed (m/s)	12 h (11:59)	wind direction (deg)	wind speed (m/s)
surface	N E (41)	1.8	0.4	CLM (44)	SSW (213)	1.5	SSW (213)	SSW (219)	1.3			
50	NNE (32)	1.2	1.1	N W (304)	S W (225)	3.7	S W (225)	SSW (210)	3.5			
100	SSE (164)	0.6	1.0	NNW (337)	S W (232)	2.6	S W (232)	S W (230)	5.1			
150	S W (224)	0.9	1.3	N (3)	S W (217)	3.5	S W (217)	S W (223)	3.7			
200	WSW (238)	1.5	1.3	N W (304)	S W (221)	3.1	S W (221)	S W (224)	3.9			
250	S W (229)	1.4			SSW (197)	2.2	SSW (197)	SSW (212)	4.7			
300	S W (214)	1.7	1.0	W (277)	SSW (211)	3.0	SSW (211)	S W (232)	4.3			
350	SSW (206)	1.4	0.9	W (261)	SSW (213)	3.2	SSW (213)	S W (229)	4.6			
400	S (171)	0.9	0.8	W (271)	S W (230)	2.0	S W (230)	S W (235)	4.6			
450	SSE (152)	1.2	0.6	S W (229)	W (276)	2.2	W (276)	SSW (211)	5.1			
500	SSE (154)	1.3	0.9	WSW (254)	N W (304)	2.3	N W (304)	SSW (199)	4.3			
550	S E (146)	1.0	1.4	S W (219)	N W (310)	3.2	N W (310)	S W (225)	4.4			
600	ESE (107)	1.2	2.0	SSW (210)	N W (311)	3.1	N W (311)	W (259)	3.5			
650	E (94)	1.0	1.9	SSW (213)	X W (322)	2.8	X W (322)	S W (230)	5.3			
700	E (97)	1.2	1.9	SSW (212)	N W (316)	2.4	N W (316)	S W (232)	2.9			

note : Only the data obtained by ascending captive sonde are listed.

Data list of upper air temperature

Observation point : Aghdasiyeh
Observation date : October 8, 1996

observation number	NO.	NO.	NO.	NO.	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8
time	(3 h)	(6 h)	(9 h)	(12 h)	(15 h)	(18 h)	(21 h)	(24 h)	
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface				16.6	19.3		12.3	11.4	
50				16.6	18.0	17.2	16.2	16.0	
100				15.9	17.6	16.9	15.9	15.7	
150				15.2	17.1	16.5	15.3	15.3	
200				14.7	16.5	16.0	14.9	14.8	
250				14.4	16.0	15.6	14.5	14.4	
300				13.7	15.6	15.1	14.1	14.0	
350				13.2	15.1	14.5	13.6	13.5	
400				12.9	14.7	14.1	13.1	13.0	
450				12.2	14.4	13.7	12.7	12.5	
500				11.8	14.0	13.1	12.2	12.2	
550				11.3	13.5	12.7	11.8	11.7	
600				10.9	13.0	12.2	11.2	11.3	
650				10.5	12.5	11.8	11.1	10.9	
700				10.3	12.1	11.4	10.6	10.4	

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point : Aghdasiyeh
Observation date : October 9, 1996

observation number	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16
time	3 h (3 : 3)	6 h (5 : 56)	9 h (8 : 54)	12 h (11 : 47)	15 h (14 : 48)	18 h (17 : 49)	21 h (21 : 1)	24 h (24 : 6)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	11.5	9.6	17.8	20.1	21.5	17.2	17.7	14.4
50	15.6	14.6	17.0	18.1	20.1	19.0	18.2	17.9
100	15.7	14.4	16.0	17.2	19.3	18.6	18.1	17.6
150	15.3	14.0	15.6	16.6	18.9	18.1	17.6	17.4
200	14.8	13.6	15.3	16.3	18.4	17.6	17.1	17.1
250	14.5	13.2	14.7	15.8	18.1	17.1	16.6	16.6
300	14.1	13.0	14.2	15.4	17.5	16.6	16.0	16.1
350	13.6	12.5	13.6	15.0	16.8	16.2	15.6	15.6
400	13.3	12.1	13.3	14.5	16.4	15.8	15.0	15.1
450	12.9	12.0	12.8	14.2	15.9	15.3	14.5	14.6
500	12.5	11.6	12.6	13.6	15.6	14.8	14.1	14.2
550	12.2	11.4	12.2	13.1	15.0	14.3	13.7	13.7
600	11.8	11.2	12.0	12.7	14.6	13.9	13.3	13.3
650	11.4		12.2	12.1	14.5	13.5	12.8	12.8
700	10.9		12.0	11.8	13.6	13.1	12.3	12.4

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point : Agbdasiyeh
Observation date : October 10, 1996

observation number	NO. 17	NO. 18	NO. 19	NO. 20	NO.	NO. 22	NO. 23	NO. 24
time	3 h (3: 0)	6 h (5:57)	9 h (9:16)	12 h (11:51)	()	18 h (18: 0)	21 h (20:50)	24 h (24:12)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	12.2	11.3	19.9	21.5		18.8	14.5	14.8
50	17.8	17.0	18.4	19.4		19.4	18.0	18.0
100	17.6	16.8	18.0	19.0		19.2	17.9	17.6
150	17.2	16.3	17.4	18.4		18.8	18.1	17.3
200	16.6	15.7	17.1	17.9		18.3	17.8	16.8
250	16.2	15.4	16.5	17.5		17.8	17.3	16.3
300	15.7	14.8	16.3	16.8		17.3	16.8	15.8
350	15.2	14.5	15.5	16.3		16.8	16.4	15.3
400	14.7	14.0	15.0	16.0		16.3	16.0	14.8
450	14.2	13.7	14.5	15.4		15.9	15.5	14.4
500	13.7	13.3	14.0	15.0		15.4	15.0	13.9
550	13.2	12.9	13.8	14.5		14.9	14.5	13.3
600	12.7	12.4	13.1	14.5		14.4	14.1	12.9
650	12.3	12.0	12.5	14.2		13.8	13.6	12.4
700	11.9	11.6	12.3	13.3		13.4	13.1	12.0

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point : Aghdasiyeh
 Observation date : October 11, 1996

observation number	NO.	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO.
time	(3 h)	6 h (6:11)	9 h (9: 2)	12 h (11:52)	15 h (14:54)	18 h (18:19)	21 h (20:53)	24 h ()
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface		14.8	18.4	21.0	21.2	15.3	14.0	
50		16.1	17.4	18.7	20.3	18.7	18.2	
100		15.8	16.8	18.3		18.3	18.0	
150		15.5	16.3	17.2		17.8	17.5	
200		15.3	15.9	16.8		17.3	17.1	
250		14.9	15.7	16.5		16.9	16.6	
300		14.5	15.0	15.9		16.4	16.2	
350		14.2	14.6	15.7		15.9	15.7	
400		13.8	14.2	15.3		15.4	15.2	
450		13.5	14.0			15.0	14.8	
500		13.1	13.3			14.5	14.4	
550		12.7	12.9			14.2	13.9	
600		12.3	12.5			13.7	13.5	
650		11.9	12.0			13.3	13.2	
700		11.4	11.4			12.9	12.7	

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
Observation date ; October 12, 1996

Observation number	NO.	NO. 34	NO. 35	NO. 36	NO.	NO. 38	NO. 39	NO. 40
time	(3 h)	6 h (6:4)	9 h (8:57)	12 h (12:12)	(15 h)	18 h (18:28)	21 h (20:53)	24 h (23:49)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface		12.5	18.5	21.4		18.3	15.3	14.7
50		16.2	16.9	19.5		18.3	17.2	16.8
100		16.1	16.4	19.0		17.9	17.7	17.2
150		15.7	15.1	18.6			17.4	16.9
200		15.3	15.6	18.0			16.9	16.5
250		14.8	15.3	17.4			16.4	16.4
300		14.5	14.6				15.9	15.9
350		14.1	14.1				15.4	15.4
400		13.5	13.5				15.3	15.1
450		13.0	13.1					14.7
500		12.5	12.6					14.7
550		12.1	12.1					14.3
600		11.9	11.6					14.1
650			11.2					13.7
700			10.8					13.1

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point : Achdasiyeh
Observation date : October 13, 1996

observation number	NO. 41	NO.	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48
time	3 h (2:47)	(6 h)	9 h (8:53)	12 h (12: 1)	15 h (14:46)	18 h (18:34)	21 h (20:59)	24 h (23:52)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	12.7		18.9	22.8	21.8	18.6	17.6	15.1
50	17.7		18.5	20.1	21.2	20.4	20.7	20.9
100	17.3		18.0	19.8	20.6	20.1	20.5	20.8
150	16.8		17.6	19.5	20.2	19.8	20.3	20.3
200	16.4		17.1	18.6	19.7	19.3	20.0	19.9
250	16.0		16.8	18.3	19.3	19.0	19.5	19.3
300	15.5		16.3	17.9	18.9	18.5	19.0	18.8
350	15.2		16.0	17.4	18.4	18.0	18.6	18.3
400	14.9		15.7	17.1	17.9	17.5	18.1	17.8
450	15.4		15.1	16.4	17.3	17.1	17.7	17.3
500	15.1		14.8	16.2	16.9	16.7	17.1	16.9
550	14.7		14.4	15.5	16.4	16.4	16.6	16.4
600	14.4		13.7	14.8	16.0	15.8	16.2	15.9
650			13.3	14.5		15.5	15.7	15.4
700			12.9	13.9		15.1	15.3	14.9

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
Observation date ; October 14, 1996

observation number	NO. 49	NO. 50	NO. 51	NO. 52	NO.	NO. 54	NO. 55	NO. 56
time	3 h (2:53)	6 h (5:53)	9 h (8:52)	12 h (11:57)	15 h ()	18 h (18: 6)	21 h (21: 5)	24 h (24:51)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	14.8	14.0	19.6	22.1		18.3	13.2	10.3
50	20.1	18.5	19.3	20.9		18.3	15.7	14.2
100	20.1	19.8	18.7	20.3			15.4	13.9
150	19.7	19.6	18.2				14.9	13.7
200	19.2	19.1	17.7				14.6	13.2
250	18.7	18.6	17.2				14.1	13.1
300	18.2	18.1	16.6				13.7	13.4
350	17.9	17.6	16.0				13.3	13.1
400	17.3	17.2	15.6				13.3	12.6
450	16.9	16.8	15.3				13.2	12.5
500	16.4	16.2	14.8				12.9	12.0
550	15.9						12.4	11.5
600	15.4						11.9	10.9
650	15.0						11.3	11.5
700	14.5						10.8	

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point : Aghdasiyeh
 Observation date : October 15, 1996

Observation number	NO. 57	NO. 58	NO. 59	NO.	NO.	NO.	NO.
time	3 h (3 : 5)	6 h (5 : 51)	9 h (8 : 50)	h ()	h ()	h ()	h ()
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	11.3	8.5	16.9				
50	15.1	14.5	15.8				
100	14.5	14.2	15.2				
150	15.1	13.7	14.6				
200	14.4	13.5	14.3				
250	13.8	12.9	13.7				
300	13.4	13.2	13.3				
350	13.2	13.2	13.0				
400	12.9	12.7	12.3				
450		11.8	11.9				
500		11.5	11.5				
550		11.0	11.2				
600		10.5	10.9				
650		10.3	10.9				
700		9.8	10.5				

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point : Aghdasiyeh
 Observation date : October 8, 1996

observation number	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
time	3 h	6 h	9 h	12 h	15 h	18 h	21 h	24 h		
	()	()	()	(11:55)	(15:17)	(18: 8)	(20:49)	(23:56)		
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface				18.2	18.8	14.0	12.6	11.3		
50				16.5	17.9	17.0	15.9	15.9		
100				15.8	17.2	16.6	15.5	15.6		
150				15.3	16.8	16.1	15.1	15.3		
200				14.7	16.3	15.7	14.7	15.8		
250				14.2	15.8	15.3	14.3	14.4		
300				13.6	15.4	14.8	13.9	14.0		
350				13.2	15.0	14.3	13.5	13.5		
400				12.9	14.6	13.9	13.1	13.1		
450				12.2	14.1	13.5	12.6	12.7		
500				11.9	13.8	13.0	12.1	12.3		
550				11.2	13.2	12.6	11.6	11.8		
600				11.1	12.9	12.2	11.3	11.3		
650				10.7	12.3	11.8	11.0	11.0		
700				10.3	12.1	11.4	10.6	10.4		

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point : Aghdasiyeh
Observation date : October 9, 1996

observation number	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16
time	3 h (3: 3)	6 h (5:56)	9 h (8:54)	12 h (11:47)	15 h (14:48)	18 h (17:49)	21 h (21: 1)	24 h (24: 6)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	10.3		19.0	20.7	20.9	16.8	15.9	14.9
50	15.0		16.8	19.0	19.5	18.5	17.9	17.7
100	14.6		16.3	18.0	19.1	18.2	17.5	17.9
150	14.5		15.7	17.3	18.7	17.7	17.0	17.5
200	14.1		15.2	16.6	18.1	17.4	16.6	17.1
250	13.8		14.9	16.1	17.6	16.9	16.2	16.6
300	13.8		14.3	15.6	17.1	16.6	15.8	16.2
350	13.6		13.8	15.1	16.6	16.1	15.3	15.7
400	13.4		13.2	14.7	16.1	15.6	14.9	15.2
450	13.1		12.8	14.1	15.6	15.2	14.5	14.7
500	12.7		12.5	13.6	15.2	14.7	14.1	14.2
550	12.4		12.2	13.1	14.7	14.3	13.7	13.8
600	11.9		12.1	12.6	14.3	13.8	13.2	13.3
650	11.5		11.9	12.2	13.8	13.4	12.8	12.8
700	10.9		12.0	11.8	13.6	13.1	12.3	12.4

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point : Aghdasiyeh
Observation date : October 10, 1996

observation number	NO. 17	NO. 18	NO. 19	NO. 20	NO.	NO. 22	NO. 23	NO. 24
time	3 h (3:0)	6 h (5:57)	9 h (9:16)	12 h (11:51)	15 h ()	18 h (18:0)	21 h (20:50)	24 h (24:12)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	11.9	13.0	20.6	22.5		17.5	15.0	14.4
50	15.9	17.0	18.3	20.1		19.1	18.7	18.0
100	16.0	16.9	17.9	19.2		18.8	18.4	17.5
150	16.3	16.6	17.5	18.7		18.4	18.0	17.1
200	16.4	16.1	17.0	18.2		17.9	17.7	16.6
250	16.1	15.7	16.4	17.5		17.4	17.2	16.1
300	15.6	15.2	16.0	17.0		16.9	16.8	15.6
350	15.2	14.7	15.6	16.7		16.7	16.4	15.1
400	14.7	14.3	15.1	15.9		16.1	15.9	14.7
450	14.2	13.9	14.4	15.9		15.8	15.5	14.2
500	13.8	13.4	14.1	15.3		15.2	15.1	13.7
550	13.3	12.9	13.6	14.8		14.7	14.7	13.2
600	12.9	12.5	13.1	14.5		14.3	14.2	12.7
650	12.3	12.0	12.7	13.7		13.9	13.7	12.3
700	11.9	11.6	12.3	13.3		13.4	13.1	12.0

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point : Aghdasiyeh
Observation date : October 11, 1996

Observation number	NO.	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO.
time	(3 h)	6 h (6:11)	9 h (9: 2)	12 h (11:52)	15 h (14:54)	18 h (18:19)	21 h (20:53)	24 h ()
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface		15.3	19.6	19.6	20.9	15.0	13.8	
50		16.1	17.4	18.3	20.2	18.5	18.0	
100		16.1	17.2	17.8		18.1	17.9	
150		15.8	16.5	17.2		17.7	17.5	
200		15.5	16.0	17.0		17.2	17.0	
250		15.1	15.6	16.6		16.7	16.6	
300		14.8	15.1	16.0		16.2	16.1	
350		14.3	14.5	15.5		15.8	15.7	
400		14.1	14.1	15.3		15.3	15.3	
450		13.5	13.5			14.9	14.9	
500		13.1	13.1			14.4	14.5	
550		12.7	12.5			14.1	14.0	
600		12.2	12.0			13.6	13.5	
650		11.8	11.7			13.1	13.3	
700		11.4	11.4			12.9	12.7	

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point : Agbdasiyeh
Observation date : October 12, 1996

observation number	NO.	NO. 34	NO. 35	NO. 36	NO.	NO. 38	NO. 39	NO. 40
time	(3 h)	6 h (6:4)	9 h (8:57)	12 h (12:12)	15 h ()	18 h (18:28)	21 h (20:53)	24 h (23:49)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface		12.4	19.0	21.8		18.3	15.4	14.2
50		15.8	17.4	19.7		18.2	16.9	17.6
100		15.7	16.7	19.1		17.9	17.2	17.4
150		15.3	16.1	18.5			16.9	17.0
200		14.8	15.7	18.2			16.6	16.5
250		14.5	15.2	17.8			16.3	16.1
300		14.1	14.7				16.0	15.6
350		13.7	14.1				15.6	15.2
400		13.1	13.6				15.5	14.9
450		12.7	13.2					14.7
500		12.2	12.7					14.2
550		11.9	12.2					13.9
600		11.9	11.7					13.5
650			11.3					13.1
700			10.8					13.1

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
Observation date ; October 13, 1996

Observation number	NO. 41	NO.	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48
time	3 h (2:47)	6 h ()	9 h (8:53)	12 h (12: 1)	15 h (14:46)	18 h (18:34)	21 h (20:59)	24 h (23:52)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	12.9		18.7	22.6	20.8	17.6	17.5	16.3
50	17.6		18.9	21.1	20.8	20.2	20.8	20.2
100	17.5		18.5	20.1	20.4	20.0	20.6	20.3
150	17.0		17.9	19.6	20.0	19.7	20.3	20.2
200	16.5		17.5	19.0	19.5	19.3	19.9	19.7
250	16.2		17.1	18.7	18.8	18.8	19.5	19.3
300	16.1		16.6	18.1	18.3	18.4	19.1	18.8
350	15.8		16.0	17.5	17.8	17.9	18.6	18.4
400	15.6		15.7	17.0	17.3	17.5	18.1	17.9
450	15.4		15.4	16.4	17.0	17.1	17.6	17.4
500	14.9		15.0	15.8	16.6	16.6	17.1	16.9
550	14.7		14.4	15.3	16.2	16.2	16.7	16.6
600	14.1		14.2	14.8	16.0	15.8	16.2	16.0
650			13.7	14.4		15.4	15.8	15.5
700			12.9	13.9		15.1	15.3	14.9

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point : Aghdaslyeh
Observation date : October 14, 1996

observation number	NO. 49	NO. 50	NO. 51	NO. 52	NO.	NO. 54	NO. 55	NO. 56
time	3 h (2:53)	6 h (5:53)	9 h (8:52)	12 h (11:57)	15 h ()	18 h (18: 6)	21 h (21: 5)	24 h (24:51)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	17.4	16.2	20.0	22.2		18.2	13.6	10.1
50	20.0	20.0	18.7	20.8		18.2	15.0	14.2
100	20.0	19.9	18.2	20.1			14.4	14.0
150	19.5	19.5	17.8				13.9	13.9
200	19.1	19.1	17.4				13.8	13.8
250	18.7	18.5	16.9				13.5	13.8
300	18.3	18.1	16.7				13.2	13.4
350	17.8	17.6	16.2				13.0	12.9
400	17.3	17.1	15.8				12.8	12.6
450	16.9	16.7	15.3				12.5	12.2
500	16.3	16.2	14.9				12.6	12.1
550	16.0						12.2	11.6
600	15.5						11.8	
650	15.0						11.3	
700	14.5						10.8	

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point : Aghdasiyeh
Observation date : October 15, 1996

observation number	NO. 57	NO. 58	NO. 59	NO.	NO.	NO.
time	3 h (3:5)	6 h (5:51)	9 h (8:50)	()	()	()
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	10.1	10.1	17.5			
50	14.7	13.6	15.3			
100	14.5	13.8	14.9			
150	14.2	13.3	14.3			
200	13.8	13.2	13.9			
250	13.4	12.6	13.5			
300	13.2	12.2	13.2			
350	12.9	12.0	12.7			
400	12.7	11.3	12.3			
450		11.9	12.1			
500		11.7	11.7			
550		11.2	11.4			
600		10.8	11.1			
650		10.4	10.6			
700		9.8	10.5			

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point : Aghdasiyeh
 Observation date : February 22, 1997

Observation number	NO.	h	NO.	h	NO.	h	NO.	h	NO.	
time	()	()	()	()	()
altitude (m)	temp.	(°C)	temp.	(°C)	temp.	(°C)	temp.	(°C)	temp.	(°C)
surface										
50							11.6		9.9	
100							10.4		9.4	
150							10.0			
200										
250										
300										
350										
400										
450										
500										
550										
600										
650										
700										

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
 Observation date ; February 23, 1997

Observation number	NO. 5 NO. 6 NO. 7 NO. 10 NO. 11 NO. 112	NO. 5 NO. 6 NO. 7 NO. 10 NO. 11 NO. 112	NO. 5 NO. 6 NO. 7 NO. 10 NO. 11 NO. 112	NO. 5 NO. 6 NO. 7 NO. 10 NO. 11 NO. 112	NO. 5 NO. 6 NO. 7 NO. 10 NO. 11 NO. 112	NO. 5 NO. 6 NO. 7 NO. 10 NO. 11 NO. 112		
time	3 h (2:58)	6 h (6: 4)	9 h (9:19)	12 h ()	15 h ()	18 h (18:14)	21 h (20:58)	24 h (24:37)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	7.3	5.9	6.0			7.6	6.3	3.9
50	7.2	5.3	5.2			6.9	6.5	6.1
100	7.0	4.7	4.6			6.4	6.4	5.6
150			4.1			6.0	5.9	5.2
200			3.7			5.6	5.4	4.7
250			3.3			5.1	4.9	4.1
300			2.8				4.4	3.6
350			2.5				3.9	3.2
400			1.8				3.5	2.7
450			1.4				3.1	2.2
500			0.9				2.7	1.6
550			0.6				2.1	1.0
600			0.2				1.8	0.5
650			-0.3				1.5	0.0
700			-0.6				1.3	-0.3

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
Observation date ; February 24, 1997

observation number	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20
time	3 h (2:57)	6 h (6: 8)	9 h (9: 7)	12 h (12: 5)	15 h (15: 7)	18 h (18: 1)	21 h (20:55)	24 h (24:37)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	1.8	1.7	6.5	8.1	9.2	8.7	8.1	5.6
50	5.1	4.4	5.6	6.9	7.8	8.3	7.8	7.0
100	4.8	4.1	4.9		7.8	7.5	7.3	6.6
150	4.3	3.8	4.4		7.3	7.0	6.7	6.2
200	3.8	3.3	4.0		6.6	6.6	6.3	5.7
250	3.4	2.8	3.5		6.0	6.1	5.8	5.3
300	2.9	2.3	2.9		5.4	5.6	5.4	4.8
350	2.5	1.9	2.5		4.9	5.2	4.9	4.3
400	2.0	1.4	2.1		4.5	4.7	4.4	3.8
450	1.6	1.0	1.5		4.2	4.2	3.8	3.4
500	1.1	0.5	1.2		3.7	3.7	3.3	2.9
550	0.6	0.1	0.7		3.3	3.2	2.8	2.5
600	0.1	-0.3	0.3		2.7	2.7	2.4	2.0
650	-0.2	-0.8	-0.3		2.4	2.2	2.0	1.5
700	-0.6	-1.2	-0.7		2.1	1.8	1.6	1.0

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
Observation date ; February 25, 1997

observation number	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28
time	3 h (2:48)	6 h (6: 0)	9 h (8:57)	12 h (12: 2)	15 h (15: 3)	18 h (17:49)	21 h (20:58)	24 h (23:55)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	5.1	3.7	7.0	9.5	10.2	9.5	7.7	7.3
50	6.5	5.8	5.9	7.9	9.3	8.9	8.2	7.9
100	6.1	5.8	5.6		8.7	8.3	7.7	7.6
150	5.6	5.4	5.0		7.9	7.7	7.3	7.1
200	5.1	4.9	4.6		7.6	7.2	6.8	6.7
250	4.6	4.4	4.2		7.1	6.8	6.4	6.2
300	4.1	3.9	3.7		6.5	6.2	5.9	5.8
350	3.7	3.5	3.2		6.0	5.8	5.4	5.3
400	3.2	2.9	2.7		5.6	5.3	4.9	4.8
450	2.7	2.4	2.3		5.2	4.8	4.4	4.3
500	2.2	2.0	1.8			4.4	3.9	
550	1.7	1.4	1.3			3.9	3.5	
600	1.3	1.1	0.9			3.3	3.0	
650	0.8	0.7	0.5			2.9	2.5	
700	0.3	0.5	-0.1			2.4	2.1	

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
Observation date ; February 26, 1997

observation number	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36
time	3 h (3:14)	6 h (6:27)	9 h (9:15)	12 h (11:57)	15 h (15: 5)	18 h (18: 1)	21 h (20:52)	24 h (24: 8)
altitude (M)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	7.4	7.6	8.0	10.2	11.1	10.1	8.7	7.6
50	8.1	8.2	7.1	9.2	10.5	10.0	8.6	7.1
100	7.7	7.9	6.6	8.8	10.0	9.5	8.2	6.5
150	7.2		5.9	8.4	9.4	9.1		
200	6.7		5.2	7.8	9.0			
250	6.5		4.5	7.4	8.3			
300	6.1		4.3	7.0	7.9			
350	5.5		3.3	6.7	7.3			
400	5.0		3.8	6.2	6.8			
450	4.7		3.8	5.7	6.3			
500	4.4		2.9	5.2	5.8			
550	4.0		2.4		5.4			
600	3.4		2.7		4.9			
650	2.9		2.4		4.5			
700	2.8		2.1		4.1			

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
Observation date ; February 27, 1997

observation number	NO. 37	NO. 38	NO. 39	NO.	NO.	NO. 42	NO. 43	NO. 44
time	3 h (2:53)	6 h (6:11)	9 h (9: 0)	12 h ()	15 h ()	18 h (18:21)	21 h (20:59)	24 h (24: 7)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	6.3	3.4	5.8			3.6	1.9	-0.7
50	6.4	4.3	4.4			3.0	1.5	-1.3
100	5.8	3.6	4.0			2.5	0.9	-1.9
150	5.4	3.3	3.5			2.2		-2.4
200	4.9	2.8	3.0			1.6		-2.8
250	4.5	2.3	2.8					-3.2
300	4.0	1.8						-3.7
350	3.5	1.2						-3.4
400	3.0	0.8						-3.9
450	2.5	0.5						-3.6
500	2.1	0.0						-4.0
550	1.7	-0.6						-4.3
600	1.2	-0.9						-4.5
650		-1.2						-4.8
700		-1.4						-5.2

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
Observation date ; February 28, 1997

observation number	NO. 45	NO. 46	NO. 47	NO. 48	NO.	NO. 50	NO. 51	NO. 52
time	3 h (3: 2)	6 h (6: 7)	9 h (8: 59)	12 h (11: 58)	15 h ()	18 h (18: 1)	21 h (20: 53)	24 h (24: 7)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	-1.9	-2.7	0.4	4.9		5.5	2.7	1.4
50	-1.3	-1.8	-0.7	3.1		5.4	3.7	4.0
100	-1.6	-2.1	-1.3	2.3		5.0	4.3	3.6
150	-2.0	-2.6	-1.8	1.7		4.6	3.9	3.1
200	-2.5	-3.1	-2.2	1.2		4.1	3.7	2.7
250	-2.9	-3.7	-2.6	1.0		3.5	3.3	2.3
300	-3.4	-3.7	-3.1	0.6		3.1	2.8	2.3
350	-3.9		-3.4	0.1		2.6	2.4	1.8
400	-4.4		-3.8	-0.3		2.1	1.8	1.3
450	-4.8		-4.2	-0.7		1.7	1.3	1.0
500	-5.3		-4.0	-1.2		1.2	1.0	0.8
550			-4.4	-1.5		0.8	0.5	0.4
600			-4.9	-2.1		0.2	0.0	-0.1
650				-1.9		-0.3	-0.4	-0.7
700						-0.8	-0.7	-1.2

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point : Aghdasiyeh
Observation date ; March 1, 1997

observation number	NO. 53	NO. 54	NO. 55	NO. 56	NO.	NO.	NO.
time	3 h (3 : 6)	6 h (5 : 58)	9 h (9 : 12)	12 h (11 : 59)	()	()	()
altitude (m)	temp. ($^{\circ}$ C)	temp. ($^{\circ}$ C)	temp. ($^{\circ}$ C)	temp. ($^{\circ}$ C)	temp. ($^{\circ}$ C)	temp. ($^{\circ}$ C)	temp. ($^{\circ}$ C)
surface	-0.2	-1.6	5.3	8.1			
50	3.6	2.8	3.9	6.5			
100	3.2	2.5	3.5	5.9			
150	2.9	2.5	2.9	5.2			
200	2.7	2.4	2.6	4.7			
250	2.3	2.1	2.1	4.2			
300	2.1	2.0	1.7	3.7			
350	1.7	1.6	1.2	3.2			
400	1.3	1.2	0.7	2.8			
450	1.0	1.0	0.3	2.4			
500	0.5	0.7	0.1	1.9			
550	0.1	0.3	-0.4	1.5			
600	0.0	-0.2	-0.6	1.1			
650	-0.4	-0.5	-0.3	0.4			
700	-0.6	-1.0	-0.7	0.0			

note : The data on the list are obtained when the captive sonde is ascending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
Observation date ; February 22, 1997

observation number	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	(h)	(h)	(h)	(h)	(h)	(h)	(h)
	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
altitude (m)							
surface							
50				11.7	9.6		8.2
100				10.7	9.5		8.7
150				9.8			
200							
250							
300							
350							
400							
450							
500							
550							
600							
650							
700							

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point : Agdasiyeh
 Observation date : February 23, 1997

Observation number	NO. 5	NO. 6	NO. 7	NO.	NO. 10	NO. 11	NO. 112
time	3 h (2:58)	6 h (6: 4)	9 h (9:19)	12 h ()	15 h ()	18 h (18:14)	21 h (20:58)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	7.2	5.4	6.9			6.9	4.7
50	7.3	4.9	5.7			6.9	5.3
100	6.9	4.7	5.1			6.5	5.0
150			4.6			6.0	4.6
200			4.1			5.5	4.2
250			3.6			5.1	3.7
300			3.1			4.4	3.2
350			2.6			4.0	2.8
400			2.2			3.4	2.2
450			1.6			3.1	1.8
500			1.1			2.6	1.3
550			0.7			2.3	0.9
600			0.0			1.8	0.3
650			-0.4			1.4	-0.2
700			-0.6			1.3	-0.3

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point : Aghdasiyeh
 Observation date : February 24, 1997

observation number	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20
time	3 h (2:57)	6 h (6: 8)	9 h (9: 7)	12 h (12: 5)	15 h (15: 7)	18 h (18: 1)	21 h (20:55)	24 h (24:37)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	3.5	2.7	7.1	8.3	9.8	7.9	7.9	4.9
50	4.8	4.5	5.4	6.7	8.4	7.7	7.3	6.3
100	4.5	4.1	5.3		7.5	7.2	6.7	6.1
150	4.2	3.7	4.8		7.1	6.8	6.4	5.8
200	3.7	3.2	3.9		6.7	6.4	5.8	5.4
250	3.4	2.7	3.5		5.8	5.8	5.4	5.1
300	2.8	2.2	2.9		5.5	5.4	4.9	4.6
350	2.4	1.8	2.5		5.0	5.0	4.5	4.1
400	2.0	1.3	2.0		4.6	4.5	4.1	3.6
450	1.5	0.9	1.6		4.0	4.0	3.6	3.1
500	1.1	0.6	1.0		3.6	3.5	3.1	2.7
550	0.6	0.2	0.5		2.9	3.0	2.6	2.2
600	0.1	-0.3	0.0		2.5	2.5	2.1	1.7
650	-0.3	-0.7	-0.5		2.1	2.1	1.7	1.2
700	-0.6	-1.2	-0.7		2.1	1.8	1.6	1.0

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point : Aghdasiyeh
Observation date : February 25, 1997

observation number	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28
time	3 h (2:48)	6 h (6: 0)	9 h (8:57)	12 h (12: 2)	15 h (15: 3)	18 h (17:49)	21 h (20:58)	24 h (23:55)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	5.4	3.4	8.3	11.9	10.8	8.8	7.7	
50	6.4	5.4	6.5	7.7	8.8	8.4	8.0	
100	6.1	5.1	6.0		8.3	7.9	7.6	
150	5.6	4.8	5.4		7.8	7.4	7.1	
200	5.1	4.2	4.8		7.2	7.1	6.7	
250	4.6	3.8	4.4		6.7	6.6	6.2	
300	4.1	3.4	3.8		6.1	6.1	5.8	
350	3.7	2.9	3.4		5.8	5.5	5.3	
400	3.2	2.5	2.8		5.4	5.0	4.8	
450	2.8	2.0	2.3		5.2	4.6	4.4	
500	2.2	1.5	1.8		4.1	4.1	3.9	
550	1.8	1.2	1.4		3.6	3.6	3.4	
600	1.3	0.8	0.9		3.1	3.1	2.9	
650	0.9	0.5	0.5		2.7	2.7	2.6	
700	0.3	0.5	-0.1		2.4	2.4	2.1	

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
Observation date ; February 26, 1997

observation number	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36
time	3 h (3:14)	6 h (6:27)	9 h (9:15)	12 h (11:57)	15 h (15: 5)	18 h (18: 1)	21 h (20:52)	24 h (24: 8)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	7.1	7.6	6.6	11.1	11.0	10.2	8.6	7.6
50	8.0	8.2	5.8	9.5	10.3	9.9	8.6	6.9
100	7.7		5.3	8.9	9.6	9.5		6.4
150	7.4		4.9	8.4	9.1	9.0		
200	6.9		4.4	7.9	8.6			
250	6.5		4.0	7.3	8.2			
300	5.9		3.5	6.8	7.6			
350	5.4		3.3	6.4	7.2			
400	5.1		3.9	6.1	6.8			
450	4.6		3.7	5.3	6.4			
500	4.1		3.6	5.1	5.9			
550	3.7		3.5	5.3	5.3			
600	3.1		3.0	4.8	4.8			
650	2.9		2.5	4.4	4.4			
700	2.8		2.1	4.1	4.1			

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
Observation date ; February 27, 1997

Observation number	NO. 37	NO. 38	NO. 39	NO.	NO. 42	NO. 43	NO. 44	
time	3 h (2:53)	6 h (6:11)	9 h (9: 0)	12 h ()	15 h ()	18 h (18:21)	21 h (20:59)	24 h (24: 7)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	5.1	2.2	6.9		3.8	1.6	-1.2	
50	6.1	3.5	4.7		2.6	1.3	-1.6	
100	5.6	3.0	4.1		2.3	0.9	-2.0	
150	4.9	2.8	3.5		1.8		-2.4	
200	4.6	2.7	3.0		1.5		-2.8	
250	4.2	2.3	2.7				-3.2	
300	3.6	1.7					-3.2	
350	3.1	1.3					-3.2	
400	2.6	1.0					-3.4	
450	2.1	0.4					-3.4	
500	1.7	0.2					-3.8	
550	1.3	-0.3					-4.1	
600		-0.9					-4.4	
650		-1.4					-4.8	
700		-1.4					-5.2	

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
Observation date ; February 28, 1997

observation number	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52
time	3 h (3: 2)	6 h (6: 7)	9 h (8:59)	12 h (11:58)	15 h ()	18 h (18: 1)	21 h (20:53)	24 h (24: 7)
altitude (m.)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	-2.3		2.6	6.2		4.8	2.6	0.4
50	-1.1		0.1	4.1		4.6	3.9	2.9
100	-1.6		-0.4	3.4		4.2	3.8	2.5
150	-2.1		-0.9	2.9		3.9	3.8	2.3
200	-2.6		-1.2	2.4		3.4	3.3	2.0
250	-3.1		-1.7	2.2		3.1	3.0	1.7
300	-3.5		-2.2	1.3		2.8	2.5	1.4
350	-3.9		-2.9	1.2		2.3	2.1	1.0
400	-4.3		-3.3	0.6		1.9	1.7	0.7
450	-4.9		-3.8	0.0		1.6	1.3	0.7
500	-5.2		-4.1	-0.4		1.0	0.9	0.4
550			-4.4	-0.9		0.6	0.4	0.0
600			-4.9	-1.5		-0.1	0.0	-0.3
650				-2.4		-0.3	-0.3	-0.7
700						-0.8	-0.7	-1.2

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper air temperature

Observation point ; Aghdasiyeh
 Observation date ; March 1, 1997

observation number	NO. 53	NO. 54	NO. 55	NO. 56	NO.	NO.
time	3 h (3 : 6)	6 h (5 : 58)	9 h (9 : 12)	12 h (11 : 59)	()	()
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	0.1	-0.7	6.9	9.2		
50	3.3	2.8	4.3	6.0		
100	3.1	2.3	3.8	5.8		
150	2.8	2.0	3.3	4.9		
200	2.5	1.7	2.9	4.5		
250	2.1	1.4	2.6	4.1		
300	1.8	1.3	2.1	3.6		
350	1.3	1.0	1.3	3.2		
400	1.1	0.9	0.9	2.7		
450	0.9	0.7	0.4	2.2		
500	0.7	0.4	-0.1	1.7		
550	0.4	0.1	-0.4	1.2		
600	0.1	-0.3	-0.5	0.8		
650	-0.2	-0.6	-0.9	0.5		
700	-0.6	-1.0	-0.7	0.0		

note : The data on the list are obtained when the captive sonde is descending.

Data list of upper wind

Observation point : Ahdasiyeh
 Observation date : October 8 - October 12, 1995

observation number	No. 2		No. 3		No. 4		No. 5		No. 6		No. 8		No. 9		No. 10		
	date time	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)
surface																	
50	S W (225)	0.8	CIW (24)	0.2	WSW (239)	1.3	CIW (360)	0.0	SSW (210)	1.6	S W (220)	1.8	ESE (122)	7.0	SSW (209)	1.9	
100	WSW (237)	4.0	WSW (244)	2.3	W (271)	1.6	S (189)	1.6	WSW (241)	4.4	S (190)	4.7	SSE (160)	1.6	S W (216)	6.3	
150	S W (224)	3.6	WSW (239)	1.8	S W (218)	2.4	S (189)	1.5	S W (220)	4.6	SSW (201)	5.7	S E (134)	1.8	S W (226)	8.3	
200	S W (214)	3.9	WSW (255)	1.7	SSW (197)	3.3	S (187)	1.5	SSW (204)	5.1	SSW (210)	5.2	S E (138)	3.1	S W (233)	8.2	
250	SSW (212)	3.6	W (260)	1.9	SSW (206)	3.3	S (187)	1.5	SSW (208)	4.0	S W (216)	6.1	S E (139)	2.8	WSW (239)	8.5	
300	SSW (200)	3.4	W (264)	1.7	SSW (196)	3.1	S (186)	1.3	SSW (190)	3.6	S W (219)	6.4	ESE (121)	2.0	WSW (247)	8.7	
350	SSW (210)	3.0	W (262)	1.5	SSW (193)	2.8	S (182)	1.4	S (187)	3.5	S W (217)	6.3	ESE (104)	2.0	WSW (245)	8.5	
400	S (184)	2.5	W (266)	1.3	SSW (195)	2.8	S (183)	1.8	S (176)	3.5	S W (218)	6.7	ESE (106)	2.3	WSW (242)	8.0	
450	S (188)	2.2	W (269)	1.6	SSW (200)	2.6	S (176)	1.7	S (189)	3.1	S W (227)	5.3	E (98)	2.1	WSW (241)	7.9	
500	S (189)	2.6	W (268)	1.8	SSW (208)	2.3	S (182)	1.6	S (189)	3.1	S W (234)	5.3	E (95)	1.5	WSW (243)	7.9	
	SSK (195)	3.5	W (266)	1.7	S W (214)	2.4	S (188)	2.3	S W (217)	4.4	S W (227)	4.2	E (98)	0.7	WSW (243)	7.2	
550	SSW (202)	3.6	W (260)	1.9	S W (233)	1.8	SSW (194)	1.6	WSW (239)	4.0	S W (219)	2.9	E (81)	0.6	WSW (247)	6.6	
600	SSW (209)	3.6	W (259)	1.7	WSW (238)	1.6	SSW (209)	1.9	WSW (247)	3.5	S W (219)	3.4	E (94)	0.5	WSW (249)	7.3	
650	S W (218)	3.6	WSW (242)	1.6	S W (218)	1.3	S W (227)	2.1	WSW (242)	3.9	S W (230)	3.8	ESE (108)	0.7	WSW (249)	7.2	
700	S W (222)	4.0	S W (230)	1.8	SSW (199)	1.4	WSW (244)	3.0	S W (225)	4.5	S W (216)	4.9	SSE (159)	0.8	WSW (250)	6.1	
750	S W (225)	3.5	S W (227)	1.7	SSW (193)	1.7	WSW (248)	3.7	SSW (211)	4.4	SSW (213)	4.5	WSW (237)	2.5	WSW (249)	5.7	
800	S W (227)	3.5	S W (227)	2.0	SSW (205)	1.4	WSW (247)	4.1	SSW (200)	4.4	S W (222)	4.2	W (259)	3.6	WSW (249)	5.5	
850	S W (233)	2.2	S W (224)	1.4	WSW (244)	0.6	WSW (250)	4.0	SSW (200)	3.7	S W (231)	4.0	WSW (254)	4.8	WSW (255)	4.8	
900	WSW (246)	1.7	S W (220)	1.8	W (308)	0.8	WSW (253)	3.8	S W (214)	3.2	WSW (241)	4.6	WSW (251)	4.8	W (260)	4.3	
950	W (277)	2.3	S W (216)	1.7	N W (308)	1.8	WSW (254)	3.7	S W (229)	2.7	WSW (241)	5.7	WSW (258)	5.8	W (263)	4.2	
1000	WNW (296)	2.7	SSW (213)	0.8	WNW (299)	2.7	WSW (257)	3.3	S W (235)	2.4	WSW (246)	5.9	W (268)	5.9	W (264)	4.4	
1050	WNW (292)	2.1	WSW (244)	1.2	WNW (285)	3.5	W (267)	2.6	S W (223)	2.3	WSW (252)	5.8	W (271)	5.4	W (266)	4.2	
1100	N W (308)	2.6	W (264)	1.4	WNW (284)	4.3	W (270)	2.2	SSW (200)	2.0	WSW (284)	6.0	W (272)	5.3	W (272)	4.0	
1150	WNW (296)	3.5	WNW (286)	3.9	W (271)	5.7	W (271)	2.4	S (181)	1.2	WSW (257)	6.3	W (270)	7.4	W (274)	4.5	
1200	WNW (289)	3.6	WNW (285)	4.4	W (276)	5.7	WNW (287)	2.6	SSE (152)	0.8	WSW (257)	6.8	W (267)	7.5	W (274)	5.0	
1250	W (269)	3.5	WNW (292)	5.3	W (280)	7.8	WNW (294)	4.3	SSE (152)	0.8	WSW (251)	7.0	W (262)	6.7	W (276)	4.8	
1300	W (270)	4.4	WNW (294)	6.0	WNW (283)	9.8	N W (308)	2.2	NNE (30)	1.5	WSW (265)	5.9	W (261)	6.9	W (276)	5.3	
1350	W (271)	5.5	WNW (291)	6.2	WNW (282)	10.1	N W (311)	2.0	NNE (30)	1.4	WSW (267)	4.7	W (263)	7.6	W (275)	6.8	
1400	W (259)	6.8	WNW (291)	6.7	WNW (288)	10.2	N W (312)	2.2	WNW (283)	0.8	WSW (268)	4.2	W (263)	8.3	W (277)	7.7	
1450	W (265)	7.6	WNW (295)	6.5	WNW (289)	9.5	N W (316)	2.2	WNW (283)	0.7	W (259)	4.9	W (264)	8.3	W (281)	6.9	
1500	W (263)	6.8	WNW (299)	7.9	WNW (284)	10.3	N W (306)	2.6	WNW (303)	0.8	WSW (257)	5.8	W (264)	7.6	WNW (281)	6.7	
1550	W (265)	6.2	WNW (295)	9.5	WNW (284)	11.5	N W (306)	2.8	N W (314)	1.2	WSW (258)	6.2	W (266)	7.9	W (280)	5.6	
1600	W (273)	6.0	WNW (289)	10.8	W (280)	10.7	N W (309)	3.8	N W (315)	1.5	WSW (255)	5.7	W (268)	7.8	WNW (288)	5.3	
1650	WNW (283)	5.8	WNW (286)	10.6	W (279)	9.7	WNW (297)	4.2	N W (313)	1.3	WSW (255)	5.0	W (262)	9.0	WNW (287)	6.2	
1700	WNW (290)	7.0	WNW (289)	10.5	W (279)	9.5	WNW (294)	4.3	WNW (334)	2.3	W (280)	6.3	W (264)	8.9	WNW (286)	6.8	
1750	WNW (289)	6.3	WNW (291)	10.6	W (274)	9.1	WNW (291)	3.9	N W (326)	2.6	W (271)	5.5	W (264)	8.9	WNW (286)	5.6	
1800	WNW (289)	7.5	WNW (291)	11.0	W (272)	11.4	WNW (293)	4.3	N W (313)	2.9	W (270)	5.4	W (269)	8.5	WNW (286)	7.0	
1850	WNW (291)	8.2	WNW (291)	11.6	W (272)	12.1	WNW (297)	4.8	N W (313)	2.9	W (280)	5.3	W (266)	9.6	WNW (282)	7.3	
1900	WNW (284)	8.2	WNW (291)	11.8	W (271)	11.7	WNW (291)	4.7	WNW (292)	3.2	W (280)	5.6	W (271)	9.8	WNW (287)	7.6	
1950	W (281)	8.2	WNW (287)	12.3	W (272)	12.4	WNW (288)	4.3	W (275)	4.3	W (280)	6.2	W (266)	10.0	WNW (287)	8.4	
2000	W (278)	8.2	WNW (285)	12.3	W (271)	13.2	WNW (289)	4.2	WSW (243)	4.2	W (273)	6.5	W (265)	10.7	WNW (294)	7.4	

Data list of upper wind

Observation point : Aghdasiyeh
 Observation date : October 13 - October 15, 1996

observation number	No. 11	No. 12	No. 13	No. 14	No. 15
date time	8 h Oct 13 (8:0)	13 h Oct 13 (13:12)	8 h Oct 14 (8:0)	13 h Oct 14 (13:12)	8 h Oct 15 (8:6)
altitude (m)	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)	wind direction (deg)
surface	wind speed (m/s)	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)
50	NNE (26)	2.1	S (192)	SSW (237)	SSW (195)
100	N (4)	2.7	MSW (241)	S W (227)	SSW (196)
150	N (4)	3.0	S W (222)	S W (229)	SSE (165)
200	NNE (12)	2.3	SSW (202)	S W (235)	S E (146)
250	NNE (26)	1.5	S (190)	MSW (237)	S E (132)
300	N E (44)	1.2	S (184)	MSW (248)	S E (134)
350	ENE (61)	0.8	S (186)	S W (235)	S E (132)
400	NNE (32)	0.6	S (186)	S W (234)	SSE (165)
450	NNW (33)	1.0	S (178)	S W (236)	S (185)
500	N W (308)	1.6	S (170)	MSW (238)	MSW (244)
	N W (313)	2.3	SSE (163)	MSW (237)	W (268)
550	N W (314)	3.2	SSE (166)	S W (236)	W (276)
600	N W (312)	3.7	SSE (166)	S W (236)	W (275)
650	N W (304)	3.6	S (176)	S W (235)	W (274)
700	NNW (298)	4.4	S (190)	S W (234)	W (275)
750	NNW (303)	4.1	S W (233)	MSW (239)	W (276)
800	N W (304)	3.7	S W (235)	MSW (247)	W (277)
850	N W (306)	3.3	S W (236)	MSW (246)	WNW (286)
900	N W (312)	3.2	S W (218)	MSW (245)	WNW (287)
950	N W (314)	3.5	SSW (204)	MSW (244)	WNW (283)
1000	N W (307)	3.4	SSW (210)	MSW (244)	W (281)
1050	N W (304)	3.1	SSW (212)	MSW (242)	W (277)
1100	NNW (294)	3.4	SSW (213)	MSW (242)	W (279)
1150	NNW (295)	3.2	S W (215)	MSW (241)	W (278)
1200	NNW (298)	3.1	S W (220)	MSW (240)	W (275)
1250	NNW (293)	3.3	S W (223)	MSW (244)	W (276)
1300	NNW (301)	3.7	S W (222)	MSW (249)	W (275)
1350	NNW (301)	5.2	S W (222)	MSW (244)	W (272)
1400	NNW (302)	5.5	S W (225)	MSW (243)	W (276)
1450	NNW (295)	5.0	S W (225)	MSW (244)	W (272)
1500	NNW (285)	5.2	S W (222)	MSW (242)	W (272)
1550	W (280)	5.5	S W (220)	MSW (244)	W (277)
1600	W (277)	6.7	S W (219)	MSW (247)	W (278)
1650	W (278)	6.8	S W (217)	MSW (247)	W (277)
1700	W (274)	8.2	S W (218)	MSW (246)	W (279)
1750	W (277)	9.4	S W (221)	MSW (246)	WNW (282)
1800	W (278)	9.6	S W (220)	MSW (244)	W (272)
1850	W (273)	9.6	S W (220)	MSW (242)	W (274)
1900	W (268)	8.6	S W (220)	MSW (242)	W (270)
1950	W (261)	9.7	S W (225)	MSW (241)	W (273)
2000	W (265)	10.0	S W (224)	MSW (240)	W (269)

Data list of upper air temperature

Observation point : Agbdasiyeh
Observation date : October 8 - October 12, 1996

observation number	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 8	NO. 9	NO. 10
date time	Oct 8 13 h (13:17)	Oct 9 8 h (8:13)	Oct 9 14 h (13:55)	Oct 10 9 h (8:49)	Oct 10 13 h (13: 0)	Oct 11 13 h (12:55)	Oct 12 8 h (7:54)	Oct 12 13 h (13: 0)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	19.0	15.8	21.2	19.6	22.6	21.9	16.4	21.7
50	16.5	15.2	19.2	18.1	19.8	19.0	16.4	20.3
100	16.1	14.7	18.7	17.7	19.0	17.8	15.8	19.7
150	15.6	14.2	18.2	17.2	18.4	17.7	15.4	19.1
200	15.1	13.8	17.8	16.7	18.0	17.0	15.0	18.6
250	14.7	13.3	17.3	16.3	17.5	16.3	14.6	18.1
300	14.3	12.9	16.8	15.8	17.1	15.8	14.2	17.7
350	13.9	12.4	16.3	15.4	16.6	15.3	13.9	17.2
400	13.5	11.9	15.7	14.9	16.1	14.8	13.5	16.7
450	13.0	11.5	15.2	14.4	15.6	14.3	13.1	16.2
500	12.5	11.1	14.7	13.9	15.1	13.8	12.5	15.7
550	12.0	10.8	14.3	13.5	14.6	13.4	12.1	15.2
600	11.5	10.4	13.8	13.0	14.1	12.9	11.6	14.7
650	10.9	10.3	13.3	12.5	13.6	12.4	11.1	14.2
700	10.3	10.1	12.8	12.0	13.2	11.9	10.7	13.8
750	9.8	9.7	12.4	11.9	12.7	11.5	10.5	13.3
800	9.3	9.4	11.9	11.5	12.3	11.0	10.1	12.8
850	8.9	9.3	11.5	10.9	11.8	10.5	9.9	12.3
900	8.5	9.4	11.3	10.5	11.3	10.0	9.6	11.8
950	8.1	9.6	11.0	10.0	10.9	9.5	9.2	11.4
1000	7.6	9.7	11.4	9.5	10.4	9.0	8.7	10.9
1050	7.2	9.3	11.1	9.1	9.9	8.6	8.3	10.4
1100	6.9	9.0	11.0	8.7	9.4	8.1	7.8	9.9
1150	6.5	8.6	10.7	8.3	8.9	7.7	7.4	9.5
1200	6.9	8.4	10.5	8.0	8.5	7.3	6.9	9.0
1250	6.4	8.2	10.0	7.5	8.0	6.8	6.5	8.5
1300	6.1	7.9	9.5	7.0	7.6	6.3	6.0	8.0
1350	6.2	7.4	9.1	6.6	7.3	5.8	5.7	7.5
1400	6.0	7.0	8.6	6.3	7.4	5.3	5.3	7.0
1450	5.7	6.6	8.1	6.0	7.0	4.8	4.8	6.6
1500	5.3	6.1	7.6	5.5	6.5	4.4	4.3	6.1
1550	4.9	5.8	7.3	5.2	6.1	3.9	3.9	5.6
1600	4.5	5.3	6.8	5.0	5.5	3.4	3.4	5.1
1650	4.4	4.8	6.4	4.6	5.1	3.0	3.0	4.6
1700	4.4	4.3	6.0	4.1	4.6	2.6	2.5	4.1
1750	4.1	3.8	5.5	3.7	4.1	2.3	2.2	3.7
1800	3.7	3.3	5.1	3.2	3.6	1.9	1.8	3.3
1850	3.4	2.9	4.7	2.7	3.1	1.7	1.4	2.8
1900	3.0	2.6	4.2	2.3	2.8	1.3	0.9	2.5
1950	2.6	2.1	3.7	1.8	2.5	1.6	0.4	2.0
2000	2.1	1.6	3.2	1.4	2.2	1.2	0.0	1.6

Data list of upper air temperature

Observation point : Aghdasiyeh
Observation date : October 13 - October 15, 1996

observation number	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15
date time	Oct 13 8 h (8 : 0)	Oct 13 13 h (13 : 12)	Oct 14 8 h (8 : 0)	Oct 14 13 h (13 : 12)	Oct 15 8 h (8 : 6)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	18.6	23.7	16.8	21.0	16.0
50	18.1	20.6	18.5	20.2	14.9
100	17.6	20.1	18.1	19.6	14.4
150	17.2	19.6	17.8	19.1	14.0
200	16.7	19.2	17.4	18.6	13.5
250	16.3	18.8	17.3	18.2	13.1
300	15.9	18.3	17.0	17.7	12.9
350	15.4	17.8	16.6	17.3	12.5
400	15.0	17.3	16.4	16.8	12.3
450	14.5	16.8	16.1	16.3	12.0
500	14.2	16.3	15.8	15.8	11.6
550	13.7	15.8	15.4	15.3	11.2
600	13.2	15.3	14.9	14.9	10.7
650	12.8	14.9	14.5	14.3	10.2
700	12.3	14.4	14.0	13.8	9.8
750	11.8	13.9	13.5	13.3	9.3
800	11.3	13.4	13.0	12.8	8.8
850	10.8	12.9	12.5	12.3	8.3
900	10.3	12.4	12.1	11.8	7.9
950	9.8	11.9	11.6	11.3	7.4
1000	9.3	11.4	11.2	10.8	7.0
1050	8.9	11.0	11.1	10.3	6.5
1100	8.5	10.5	10.7	9.8	6.0
1150	7.9	10.0	10.3	9.4	5.5
1200	7.4	9.6	9.8	8.9	5.1
1250	7.0	9.1	9.4	8.4	4.7
1300	6.5	8.6	8.9	7.9	4.2
1350	6.1	8.2	8.4	7.4	3.7
1400	5.6	7.8	8.0	6.9	3.2
1450	5.2	7.4	7.6	6.5	2.7
1500	4.8	7.0	7.2	6.0	2.2
1550	4.5	6.6	6.8	5.5	1.8
1600	4.2	6.2	6.3	5.0	1.3
1650	3.7	5.7	5.8	4.5	0.8
1700	3.3	5.3	5.4	4.1	0.4
1750	2.8	4.7	4.9	3.6	-0.1
1800	2.4	4.3	4.5	3.1	-0.6
1850	1.9	3.9	4.0	2.6	-1.1
1900	1.5	3.5	3.6	2.1	-1.6
1950	1.1	3.1	3.1	1.6	-2.0
2000	0.7	2.8	2.6	1.1	-2.4

Observation point ; Aghdasiyeh
 Observation date ; October 8 - October 12, 1996

observation number	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 8	NO. 9	NO. 10
date time	Oct 8 13 h	Oct 9 8 h	Oct 9 14 h	Oct 10 9 h	Oct 10 13 h	Oct 11 13 h	Oct 12 8 h	Oct 12 13 h
significant level	alt.temp. (m) (°C)	alt.temp. (m) (°C)	alt.temp. (m) (°C)	alt.temp. (m) (°C)	alt.temp. (m) (°C)	alt.temp. (m) (°C)	alt.temp. (m) (°C)	alt.temp. (m) (°C)
	15 17.2 20 16.8 1215 6.9	935 9.4 970 9.9	965 10.8 1030 11.6		30 19.8 1415 7.4	115 17.6 160 17.8 1890 1.2		

Observation point ; Achdasiyeh
 Observation date ; October 13 - October 15, 1996

observation number	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15
date time	Oct 13 8 h	Oct 13 13 h	Oct 14 8 h	Oct 14 13 h	Oct 15 8 h
significant level	alt. temp. (m) (°C)	alt. temp. (m) (°C)	alt. temp. (m) (°C)	alt. temp. (m) (°C)	alt. temp. (m) (°C)
			15 18.7		

Data list of upper wind

Observation point : Aghdasiyeh
 Observation date : February 23 - February 26, 1997

observation number	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8
date time	8 h Feb 23 (8:30)	13 h Feb 23 (12:30)	9 h Feb 24 (8:45)	13 h Feb 24 (12:49)	8 h Feb 25 (8:26)	13 h Feb 25 (12:50)	8 h Feb 26 (8:40)	13 h Feb 26 (13: 0)
altitude (m)	wind direction (deg)	wind direction (deg)	wind direction (deg)	wind direction (deg)	wind direction (deg)	wind direction (deg)	wind direction (deg)	wind direction (deg)
surface	wind speed (m/s)	wind speed (m/s)	wind speed (m/s)	wind speed (m/s)	wind speed (m/s)	wind speed (m/s)	wind speed (m/s)	wind speed (m/s)
	direction (deg)	direction (deg)	direction (deg)	direction (deg)	direction (deg)	direction (deg)	direction (deg)	direction (deg)
50	S (178)	S W (217)	S (189)	S W (226)	CLM (111)	SSW (200)	SSW (202)	ENE (75)
100	SSE (162)	S W (235)		W (267)	SSE (164)	2.7		ENE (72)
150	S (187)	WSW (240)		WSW (253)	SSE (168)	S (189)		ENE (74)
200	SSW (204)	WSW (242)		WSW (245)	S (171)	S (185)		ENE (75)
250	SSW (207)	WSW (241)		WSW (240)	S (178)	S (178)		ENE (78)
300	SSW (206)	WSW (246)		WSW (244)	SSE (165)	SSE (165)		E (82)
350	SSW (204)	WSW (248)		S W (234)	SSE (163)	SSE (163)		E (83)
400	SSW (205)	WSW (247)		S W (235)	SSE (165)	SSE (165)		E (84)
450	SSW (206)	WSW (250)		S W (218)	SSE (167)	SSE (167)		E (84)
500	SSW (211)	WSW (250)		S W (219)	SSE (162)	SSE (146)		E (85)
		WSW (252)		S W (216)	SSE (158)	SSE (141)		E (87)
550	SSW (209)	WSW (250)		SSW (208)	SSE (151)	SSE (143)		E (91)
600	SSW (206)	WSW (245)		SSW (201)	SSE (157)	SSE (150)		E (91)
650	SSW (207)	WSW (246)		SSW (194)	SSE (160)	SSE (162)		E (91)
700	SSW (203)	WSW (245)		SSW (197)	SSE (162)	SSE (162)		E (93)
750	SSW (209)	WSW (240)			S (178)	S (178)		E (93)
800	S W (233)	WSW (237)			SSE (156)	SSE (156)		E (101)
850	WSW (254)	S W (235)			SSE (164)	SSE (155)		ESE (105)
900	W (270)	S W (235)			SSE (163)	SSE (150)		ESE (110)
950	W (267)	S W (233)			SSE (160)	SSE (140)		ESE (118)
1000	W (259)	S W (232)			SSE (157)	SSE (137)		ESE (116)
1050	W (259)	S W (233)			SSE (155)	SSE (135)		ESE (117)
1100	W (260)	S W (231)			SSE (148)	SSE (130)		ESE (117)
1150	W (264)	S W (234)			SSE (150)	SSE (128)		ESE (121)
1200	W (265)	S W (236)			SSE (151)	SSE (121)		S E (127)
1250	W (277)	S W (235)			SSE (153)	SSE (113)		S E (131)
1300	WNW (285)	S W (230)			SSE (155)	SSE (121)		S E (132)
1350	WNW (292)	S W (226)			SSE (155)	SSE (123)		S E (135)
1400	WNW (289)	S W (224)			SSE (153)	SSE (124)		S E (138)
1450	WNW (298)	S W (224)			SSE (153)	SSE (124)		S E (137)
1500	WNW (302)	S W (228)			SSE (153)	SSE (123)		S E (138)
1550	WNW (297)	WSW (237)			SSE (155)	SSE (118)		SSE (143)
1600	WNW (287)	WSW (247)			SSE (148)	SSE (120)		SSE (141)
1650	W (277)	WSW (252)			SSE (150)	SSE (128)		SSE (147)
1700	W (278)	WSW (256)			SSE (151)	SSE (128)		SSE (147)
1750	W (281)	WSW (257)			SSE (153)	SSE (126)		SSE (150)
1800	W (276)	W (267)			SSE (153)	SSE (125)		SSE (151)
1850	W (273)	W (257)			SSE (153)	SSE (125)		SSE (151)
1900	W (277)	W (261)			SSE (153)	SSE (125)		SSE (154)
1950	W (278)	W (267)			SSE (153)	SSE (125)		SSE (153)
2000	W (278)	W (266)			SSE (153)	SSE (125)		SSE (155)

Data list of upper wind

Observation point : Agdashiyeh
 Observation date : February 27 - March 1, 1997

observation number	No. 9	No. 10	No. 11	No. 12	No. 13	No. 14
date time	8 h. Feb 27 (8:20)	13 h. Feb 27 (13: 8)	8 h. Feb 28 (8:22)	13 h. Feb 28 (13:40)	8 h. Mar 1 (8:18)	13 h. Mar 1 (13:14)
altitude (m)	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)	wind direction (deg)	wind speed (m/s)
surface	SSE (155)	3.5	SSE (154)	3.1	WSW (241)	0.7
50	S E (137)	2.0	S E (165)	4.0	WSW (252)	2.3
100	S E (143)	2.3	S E (135)	5.4	W (271)	2.1
150	SSE (152)	2.9	S E (125)	5.6	NNW (298)	1.9
200	SSE (160)	3.6	SSE (122)	7.1	N W (312)	1.7
250	SSE (165)	4.0	CLM (44)	7.4	N W (324)	1.5
300	SSE (167)	4.0	CLM (350)	8.0	N W (320)	1.2
350	S (170)	4.3	CLM (308)	8.7	N W (307)	1.2
400	S (175)	3.9	N W (308)	9.6	W (275)	0.9
450	S (188)	4.2	N W (306)	11.1	W (269)	2.1
500	SSW (193)	3.7	NNW (300)	11.4	W (264)	2.0
550	SSW (197)	3.5	NNW (299)	10.8	W (260)	1.4
600	SSW (199)	3.9	NNW (293)	10.8	WSW (244)	1.3
650	SSW (205)	3.9	W (281)	11.2	WSW (238)	1.4
700	SSW (205)	3.9	W (266)	11.5	S W (227)	1.4
750	SSW (209)	4.5	WSW (252)	10.7	S W (224)	2.3
800	S W (214)	4.0	WSW (242)	11.5	W (273)	2.4
850	S W (221)	3.9	WSW (237)	11.9	S (186)	0.7
900	S W (229)	3.6	WSW (245)	11.1	CLM (227)	0.2
950	WSW (238)	3.1	WSW (250)	9.9	NNW (128)	1.7
1000	WSW (247)	2.7	S W (236)	9.7	NNW (332)	2.0
1050	WSW (248)	2.2	SSW (207)	9.4	N W (316)	2.1
1100	WSW (253)	2.8	S (190)	7.2	W (274)	2.3
1150	W (261)	2.6	S (191)	5.8	W (265)	2.4
1200	W (260)	2.7	CLM (161)	6.8	WSW (257)	2.2
1250	W (260)	2.9	N W (314)	7.6	NNW (345)	3.6
1300	WSW (256)	3.3	N W (314)	9.2	NNW (337)	2.1
1350	WSW (256)	3.8	NNW (334)	9.0	W (280)	1.1
1400	WSW (256)	4.1	NNW (342)	10.3	S (180)	1.0
1450	W (261)	4.1	NNW (344)	10.5	S E (134)	1.2
1500	W (264)	4.5	NNW (344)	11.7	S E (137)	1.6
1550	W (270)	4.3	WSW (207)	11.4	SSW (195)	1.4
1600	W (272)	4.8	S (190)	10.5	WSW (248)	2.2
1650	W (274)	4.5	S (191)	10.5	W (280)	3.1
1700	W (280)	4.9	CLM (161)	8.7	NNW (284)	3.9
1750	W (274)	5.3	N W (359)	8.7	NNW (287)	4.6
1800	W (269)	6.4	N W (358)	8.7	NNW (284)	3.9
1850	W (273)	6.5	N W (358)	8.3	NNW (293)	5.9
1900	W (261)	5.6	N W (358)	8.0	NNW (298)	6.2
1950	W (259)	5.6	N W (358)	8.0	NNW (298)	6.7
2000	W (261)	5.9	N W (355)	9.6	NNW (298)	7.6
			N W (355)	9.9	NNW (301)	8.1
			N W (355)	10.2	NNW (302)	8.4
			N W (355)	10.2	NNW (300)	9.6

Data list of upper air temperature

Observation point : Aghdasiyeh
 Observation date : February 23 - February 26, 1997

observation number	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8
	Feb 23 8 h (8:30)	Feb 23 13 h (12:50)	Feb 24 9 h (8:45)	Feb 24 13 h (12:49)	Feb 25 8 h (8:26)	Feb 25 13 h (12:50)	Feb 26 8 h (8:40)	Feb 26 13 h (13: 0)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	6.8	9.3	6.2	8.4	6.7	11.7	8.5	10.8
50	4.5	7.5	5.1	7.2	5.8	7.7	8.0	10.0
100	4.1	7.0	4.6	6.3	5.3	7.1	7.5	9.3
150	3.7	6.5	4.1	5.7	4.9	6.6	7.0	8.7
200	3.3	6.0	3.6	5.2	4.4	6.2	6.5	8.2
250	2.8	5.5	3.1	4.7	3.9	5.8	6.0	7.7
300	2.3	5.0	2.6	4.2	3.4	5.3	5.5	7.2
350	1.8	4.5	2.1	3.7	2.9	4.8	5.1	6.7
400	1.3	4.0	1.6	3.1	2.4	4.1	4.7	6.2
450	0.8	3.5	1.1	2.8	1.9	3.8	4.2	5.8
500	0.4	3.0	0.7	2.3	1.4	3.3	4.0	5.3
550	-0.1	2.5	0.2	1.9	0.9	2.9	3.7	4.8
600	-0.5	2.0	-0.1	1.4	0.4	2.4	3.2	4.3
650	-0.9	1.5	-0.5	0.9	0.0	1.9	2.8	3.8
700	-1.3	1.1	-1.0	0.4	-0.4	1.4	2.4	3.3
750	-1.8	0.6	-1.3	0.0	-0.8	0.9	1.9	2.8
800	-2.3	0.1	-1.8	-0.5	-1.3	0.4	1.4	2.3
850	-2.8	-0.3	-2.1	-1.0	-1.7	0.0	1.0	1.8
900	-3.2	-0.7	-2.6	-1.5	-2.1	-0.5	0.5	1.3
950	-3.6	-1.1	-3.0	-2.0	-2.5	-1.0	0.2	0.8
1000	-4.0	-1.6	-3.5	-2.5	-2.9	-1.5	-0.2	0.3
1050	-4.5	-2.1	-3.9	-3.0	-3.4	-2.0	-0.7	-0.1
1100	-4.9	-2.6	-4.4	-3.5	-3.9	-2.5	-1.2	-0.5
1150	-5.3	-3.1	-4.9	-3.9	-4.3	-3.0	-1.6	-1.0
1200	-5.6	-3.6	-5.2	-4.4	-4.8	-3.4	-2.0	-1.4
1250	-6.0	-4.1	-5.6	-4.9	-5.3	-3.9	-2.4	-1.9
1300	-6.5	-4.6	-6.0	-5.4	-5.8	-4.3	-2.9	-2.3
1350	-7.0	-5.1	-6.2	-5.8	-6.2	-4.8	-3.3	-2.7
1400	-6.8	-5.6	-6.6	-6.3	-6.6	-5.3	-3.6	-3.2
1450	-7.2	-6.1	-7.0	-6.7	-7.1	-5.8	-3.9	-3.6
1500	-7.6	-6.6	-7.4	-7.2	-7.5	-6.3	-4.3	-4.1
1550	-8.1	-7.1	-7.9	-7.7	-7.9	-6.7	-4.7	-4.6
1600	-8.6	-7.6	-8.3	-8.1	-8.3	-7.2	-5.2	-5.0
1650	-9.0	-8.0	-8.8	-8.6	-8.6	-7.6	-5.6	-5.3
1700	-9.3	-8.3	-9.3	-9.1	-9.0	-8.1	-6.1	-5.7
1750	-9.7	-8.6	-9.8	-9.6	-9.4	-8.6	-6.5	-6.1
1800	-10.2	-9.0	-10.2	-10.0	-9.8	-9.1	-7.0	-6.5
1850	-10.7	-9.4	-10.6	-10.5	-10.2	-9.6	-7.4	-6.9
1900	-11.2	-9.9	-11.0	-10.9	-10.6	-10.1	-7.8	-7.3
1950	-11.7	-10.3	-11.5	-11.4	-11.0	-10.6	-8.3	-7.7
2000	-12.2	-10.7	-12.0	-11.8	-11.5	-11.1	-8.8	-8.1

Data list of upper air temperature

Observation point : Aghdasiveh
 Observation date : February 27 - March 1, 1997

observation number	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14
date time	Feb 27 8 h (8:20)	Feb 27 13 h (13: 8)	Feb 28 8 h (8:22)	Feb 28 13 h (13:40)	Mar 1 8 h (8:18)	Mar 1 13 h (13:14)
altitude (m)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)	temp. (°C)
surface	5.1	8.8	0.0	7.6	3.4	9.8
50	4.1	5.5	-1.7	5.5	2.7	6.7
100	3.3	4.5	-2.2	4.6	2.3	6.0
150	2.7	3.8	-2.5	4.0	1.8	5.4
200	2.2	3.4	-2.9	3.6	1.8	4.9
250	1.9	2.9	-3.3	3.1	1.5	4.4
300	1.4	2.4	-3.7	2.6	1.2	3.9
350	0.9	1.9	-4.1	2.1	0.9	3.4
400	0.4	1.4	-4.5	1.5	0.7	2.9
450	0.0	0.9	-4.7	0.9	0.3	2.4
500	-0.4	0.6	-4.7	0.4	0.0	1.9
550	-0.9	0.2	-5.1	-0.1	-0.2	1.6
600	-1.3	-0.3	-5.6	-0.5	-0.3	1.2
650	-1.7	-0.8	-6.1	-1.0	-0.3	0.7
700	-2.2	-1.4	-6.6	-1.6	-0.6	0.3
750	-2.7	-1.9	-7.2	-2.0	-0.9	-0.1
800	-3.1	-2.4	-7.5	-2.5	-1.2	-0.5
850	-3.4	-2.9	-7.8	-3.0	-1.3	-1.0
900	-3.8	-3.4	-8.1	-3.4	-1.6	-1.5
950	-4.2	-3.9	-8.4	-3.8	-1.9	-1.9
1000	-4.6	-4.4	-8.7	-4.1	-2.1	-2.3
1050	-5.0	-4.9	-8.5	-4.5	-2.0	-2.7
1100	-5.5	-5.4	-8.1	-4.9	-1.9	-2.8
1150	-6.0	-5.9	-8.4	-5.4	-1.8	-2.4
1200	-6.4	-6.3	-8.9	-5.9	-1.9	-2.9
1250	-6.9	-6.8	-9.3	-6.4	-2.1	-2.3
1300	-7.3	-7.3	-9.8	-6.9	-2.4	-2.6
1350	-7.8	-7.7	-10.1	-7.3	-2.5	-3.0
1400	-8.3	-8.2	-10.2	-7.8	-2.9	-3.3
1450	-8.8	-8.7	-10.5	-8.4	-3.4	-3.6
1500	-9.2	-9.2	-10.8	-8.9	-3.4	-3.9
1550	-9.6	-9.7	-11.2	-9.4	-3.6	-4.4
1600	-10.1	-10.1	-11.6	-9.9	-3.8	-4.8
1650	-10.7	-10.6	-12.1	-10.4	-4.1	-5.1
1700	-11.2	-11.0	-12.7	-10.8	-4.3	-5.5
1750	-11.7	-11.5	-13.1	-11.3	-4.5	-5.1
1800	-12.1	-11.9	-13.5	-11.8	-4.9	-5.4
1850	-12.5	-12.4	-13.9	-12.2	-5.2	-5.7
1900	-13.0	-12.9	-14.3	-12.8	-5.4	-6.1
1950	-13.3	-13.4	-14.8	-13.2	-5.6	-6.4
2000	-13.7	-13.9	-15.3	-13.7	-5.8	-6.5

Observation point : Aghdasiyeh
 Observation date : February 27 - March 1, 1997

Observation number	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14
date time	Feb 27 8 h	Feb 27 13 h	Feb 28 8 h	Feb 28 13 h	Mar 1 8 h	Mar 1 13 h
significant level	alt.temp. (m) (°C)	alt.temp. (m) (°C)	alt.temp. (m) (°C)	alt.temp. (m) (°C)	alt.temp. (m) (°C)	alt.temp. (m) (°C)
			720 -6.0	10 5.8	780 -0.8 910 -1.7 975 -1.5 1170 -1.7 1485 -3.7 1485 -3.7	5 7.5 25 7.9 1760 -5.1

Observation point ; Aghdasiyeh
 Observation date ; February 23 - February 26, 1997

observation number	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8
date time	Feb 23 8 h	Feb 23 13 h	Feb 24 9 h	Feb 24 13 h	Feb 25 8 h	Feb 25 13 h	Feb 26 8 h	Feb 26 13 h
significant level	alt. temp. (m) (°C)	alt. temp. (m) (°C)	alt. temp. (m) (°C)	alt. temp. (m) (°C)	alt. temp. (m) (°C)	alt. temp. (m) (°C)	alt. temp. (m) (°C)	alt. temp. (m) (°C)
	1360 -7.1 1380 -6.7							