



PEACE Project

"Reducing Risk for the Kuchi People"

*Afghanistan Historical Climate Data
Ministry of Transportation*

Afghanistan PEACE Project

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Agricultural Research Department-Meteorological Department and FAO Agrometeorological Component

Historical Data Sheet

South Salang Mean Relative Humidity

No	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	1960												
2	1961												
3	1962			73						39	43	47	44
4	1963	35	57	38	71	61	40	35	31	27	40	52	45
5	1964	53	61	55	68	55	43	44	30	44	36	42	61
6	1965	68	62	62	71	57	52	50	49	49	57	54	40
7	1966	43	76	75	69	63	54	58	59	58	72	36	59
8	1967	42	70	60	66	56	44	44	40	40	50	52	59
9	1968	49	49	60	56	66	43	39	30	29	45	50	68
10	1969	57	62	59	56	49	51	49	42	41	44	45	42
11	1970	56	43	56	57	46	38	54	33	29	35	33	42
12	1971	38	50	50	49	40	31	26	30	34	27	37	35
13	1972	58	53	57	47	58	46	39	36	33	38	37	58
14	1973	56	60	59	48	53	32	37	29	31	32	33	45
15	1974	54	62	51	63	55	58	40	33	36	39	38	56
16	1975	52	56	53	64	51	35	31	33	36	41	41	46
17	1976	52	57	60	61	58	50	32	33	33	49	48	52
18	1977	66	43	50	60	57	40	33	33	30	41	54	56

Agricultural Research Department-Meteorological Department and FAO Agrometeorological Component
Historical Data Sheet
South Salang Mean Pressure in mb

No	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1													
2													
3	1961												
4	1962	-	689.0	689.5	640.7	691.9	691.8	691.3	692.3	692.3	694.1	690.6	690.0
5	1963	690.2	690.8	688.7	691.0	691.4	693.1	691.4	691.9	688.1	695.3	692.3	690.7
6	1964	684.5	687.3	691.1	690.2	692.2	691.6	691.3	691.6	692.6	693.2	691.7	689.2
7	1965	689.2	685.9	688.5	690.0	692.4	692.2	691.8	693.0	693.5	644.9	693.6	689.6
8	1966	691.7	689.1	687.5	690.1	692.8	693.1	691.1	691.6	693.1	693.2	692.4	688.7
9	1967	687.5	687.4	688.0	690.0	691.2	691.8	691.3	691.2	692.2	692.4	690.0	687.8
10	1968	685.0	685.1	687.9	690.7	689.8	691.2	690.5	690.0	692.8	692.5	692.7	687.6
11	1969	685.0	686.1	690.8	690.2	691.7	691.0	690.7	691.1	692.0	693.4	691.2	690.9
12	1970	686.5	687.2	687.1	692.2	691.6	691.2	689.4	691.3	691.0	692.7	692.0	689.2
13	1971	686.3	684.8	690.4	690.3	691.0	689.1	689.0	689.9	690.9	692.7	692.7	690.4
14	1972	686.0	682.2	688.2	X	690.5	690.9	689.1	690.4	692.3	693.0	691.9	687.6
15	1973	684.5	687.2	X	691.6	692.4	692.6	691.3	692.5	693.6	694.5	693.4	690.3
16	1974	686.1	685.8	690.9	691.8	692.1	678.0	591.0	691.2	693.2	693.2	692.5	688.1
17	1975	687.6	686.7	688.6	690.3	691.7	691.3	691.4	691.7	693.0	692.7	691.6	690.3
18	1976	688.4	686.2	687.4	691.3	692.5	691.8	691.4	691.9	694.0	693.3	691.5	689.1
19	1977	685.0	688.9	693.5	690.0	691.3	691.5	690.0	691.7	693.0	695.0	692.6	689.8

Agricultural Research Department-Meteorological Department and FAO Agrometeorological Component
Historical Data Sheet
South Salang Maximum Pressure in mb

No	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	1962	X	693.6/2	694.4/15	696.2/22	694.5/27	694.2/3	693.9/15	698.2/25	695.0/9	698.3/21	697.9/8	694.2/5
2	1963	694.8/21	695.8/2.7	695.9/28	695.4/11	694.9/24	697.8/2	694.7/16.	695.3/4	700.1/23	697.9/21	696.9/2	694.5/3
3	1964	690.7/1	691.1/12	699.1/12	694.4/21	696.2/16	694.7/2	696.0/21	694.9/31	698.2/29	696.7/8	695.2/9	693.9/17
4	1965	696.2/13	695.4/12	696.9/11	695.4/29	696.9/19	696.0/2	694.8/24	696.4/18	698.5/14	699.1/11	698.6/17	693.9/29
5	1966	.	694.3/1	694.3/11	695.0/30	697.3/3	695.8/2	695.2/8	694.0/17	698.0/26	696.6/17	6972.0	693.5/7
6	1967	693.1/21	692.8/14	693.5/8	695.0/22	695.4/30,31	694.9/24	695.3/20	694.1/29	695.8/20	697.6/27,28	693.9/2	693.4/16
7	1968	691.7/15	691.7/24	693.8/2	695.8/19	693.9/12	694.8/7	693.6/17	695.1/30	696.5/9,20	697.2/10,22	698.2/15	692.7/18
8	1969	689.3/8	691.6/8	695.5/11	696.9/5	695.2/4	693.6/26	693.1/3	694.8/24	695.8/28	697.6/25	6977/6	695.0/17
9	1970	692.3/1	692.8/15	691.8/23	673.7.5	694.8/21	695.1/26	692.4/31	694.1/9	694.1/27	696.5/10	696.9/2	693.2/12
10	1971	696.0/6	692.6/15	696.0/15	694.1/24	695.2/28	692.0/22	691.6/12	693.1/26	693.2/21	695.1/25	699.5/20	695.1/30
11	1972	692.2/17	689.8/8	692.6/24	X	695.0/31	694.4/16	693.1/9	693.5/3	696.0/15	696.5/21	697.9/5	696.1/1
12	1973	689.6/28	692.4/9	X	695.6/17	696.8/25	697.8/3	695.3/4	696.0/6	697.4/10	699.2/22	698.3/14	695.1/14
13	1974	693.7/1	692.2/28	697.7/21	697.1/17	694.6/7	683.2/27	694.1/1	694.5/24	697.4/22	697.3/23	696.3/21	691.8/20
14	1975	691.1/27	694.6/24	695.9/28	695.0/17	695.0/28	694.8/16	693.4/23	694.6/18	687.4/17	696.7/28	696.2/23	694.2/21
15	1976	692.6/22	691.7/9	691.4/25	696.2/20	696.7/9	694.8/1	694.9/5	695.5/14	697.9/10	697.2/4	696.8/3	695.0/13
16	1977	690.4/1	695.2/16	696.8/24	694.9/20	695.3/23	694.1/5	694.1/12	694.6/23	697.6/28	697.7/19	699.7/1	695.0/1
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Agricultural Research Department-Meteorological Department and FAO Agrometeorological Component

Historical Data Sheet

South Salang Mean Precipitations in mm

No	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	1962	40.9	111.3	200.2	340.7	66.2	10.3	0.6	0.0	2.2	6.9	152.4	90.7
2	1963	28.9	158.3	243.4	326.8	335.4	2.8	11.5	2.0	1.0	15.5	60.6	107.4
3	1964	206.6	225.2	191.6	408.7	39.2	0.9	5.5	0.0	Tr	4.7	101.9	174.1
4	1965	255.2	200.3	200.8	412.2	54.1	0.0	Tr	0.0	0.0	5.2	52.1	41.6
5	1966	20.5	357.6	329.7	242.5	33.9	0.0	1.3	0.0	25.7	55.0	5.4	74.9
6	1967	41.6	280.9	418.4	333.8	18.1	22.6	5.4	0.0	Tr	25.6	60.9	213.5
7	1968	136.1	125.9	115.3	105.6	106.0	5.9	0.0	4.5	0.0	22.8	56.0	214.6
8	1969	78.0	140.8	180.6	269.5	73.2	2.0	1.3	0.0	0.0	43.2	155.1	49.1
9	1970	175.4	46.6	180.7	145.3	41.6	0.0	21.8	0.0	1.0	5.0	10.6	70.9
10	1971	56.6	175.8	414.1	60.3	2.0	0.0	0.0	0.0	0.0	9.0	31.6	78.8
11	1972	180.9	139.5	236.1	222.2	270.4	17.4	5.2	3.6	18.7	82.4	50.0	211.1
12	1973	110.9	228.8	303.9	94.0	41.7	0.0	0.0	0.0	Tr	0.0	30.9	70.6
13	1974	114.0	123.6	124.3	396.1	53.1	24.2	0.0	0.0	13.1	0.0	6.3	92.3
14	1975	99.6	180.2	168.7	254.8	78.4	2.9	0.2	0.0	Tr	4.8	49.0	73.2
15	1976	137.3	220.8	255.8	196.8	29.7	4.6	0.0	0.0	0.0	17.2	27.2	50.4
16	1977	269.9	21.8	75.6	160.6	48.9	5.8	0.0	0.0	Tr	1.2	173.8	93.3
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data good

Agricultural Research Department-Meteorological Department and FAO Agrometeorological Component

Historical Data Sheet

South Salang Max Precipitations in 24 hours

No	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	1962	21.8/10	29.7/6	72.5/30	69.1/13	43.3/12	4.9/29	0.6/10	0.0	2.1/10	4.0/12	58.3/16	21.1/2.5
2	1963	15.6/9	37.0/15	65.5/3	70.0/6	73.0/12	2.8/1	9.6/2	2.0/28	1.0/11	8.8/31	35.7/13	33.4/11
3	1964	50.8/6	42.4/16	52.4/30	75.0/9	17.5/21	0.7/2	3.7/15	0.0	Tr/27	2.6/12	43.2/28	68.0/20
4	1965	54.9/16	51.7/2	36.8/14	46.5/22	27.2/4	0.0	Tr/8, 9	0.0	0.0	3.7/5	27.0/12	35.0/8
5	1966	13.3/15	86.0/5	56.5/21	46.5/14	9.1/7	0.0	1.3/15	0.0	24.6/4	9.9/27	5.2/10	27.4/28
6	1967	20.8/23	32.0/13	45.3/31	62.5/27	6.0/9	18.8/15	5.2/2	0.0	0.5/ 14	11.7/22	22.0/30	31.1/24
7	1968	29.0/23	37.4/25	33.0/10	28.4/5	19.0/24	4.3/3	0.0	3.7/27	0.0	16.2/28	19.0/11	34.1/5
8	1969	31.0/31	34.0/16	40.5/2	87.6/14	20.0/17	1.0/2,14	1.0/9	0.0	0.0	11.3/28	42.5/11	22.2/25
9	1970	31.6/2	21.0/24	37.2/8	70.0/14	11.0/5	0.0	9.0/22	0.0	1.0/20	5.0/26	10.6/30	20.6/2
10	1971	24.6/14	39.8/16	90.3/24	13.7/9	2.0/12	0.0	0.0	0.0	0.0	8.0/2	16.8/13	36.4/31
11	1972	27.6/30	36.4/21	31.3/18	61.4/3	67.0/4	10.4/13	5.2/31	2.6/23	8.8/19	61.0/20	34.0/21	50.0/8
12	1973	29.0/5	75.0/23	74.5/30	28.3/13	7.6/9	0.0	0.0	0.0	0.0	0.0	18.0/30	20.3/11
13	1974	27.0/25	22.4/1	27.0/14	80.7/2	17.2/13	13.0/5	0.0	0.0	5.2/16	0.0	1.7/28	24.5/27
14	1975	27.9/28	37.0/27	44.4/3	34.1/25	51.0/15	1.4/11	0.2/15	0.0	Tr/9	4.3/16	27.0/30	17.5/4
15	1976	20.7/23	51.3/14	38.6/26	32.0/23	8.0/22	4.2/14	0.0	0.0	0.0	12.6/30	27.2/30	15.2/24
16	1977	44.8/9	20.0/20	24.9/24	40.5/4	7.8/26	2.4/11	0.0	0.0	Tr/8	0.7/15	38.7/18	21.2/10
17													

good data

Agricultural Research Department-Meteorological Department and FAO Agrometeorological Component

Historical Data Sheet

South Salang Sunshine Hours

No	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	1960						279.2						
2	1961					221.5	272.7	299.2	274.1				
3	1962		144.0	182.0	165.0	295.0	310.4		295.0	243.8	250.6	202.0	170.0
4	1963	206.6	152.5	178.9	193.2	214.7	325.9	342.2	344.5	314.2	253.5	174.9	186.7
5	1964	177.9	137.1	186.1	194.0	285.6	346.4	347.6	363.2	283.6	261.3	213.0	126.6
6	1965	84.7	155.9	154.8	150.4	303.0	360.0	333.2	332.6	295.7	247.7	178.2	197.0
7	1966	199.2	75.9	128.9	201.6	313.1	363.5	334.4	333.4	268.3	208.7	251.5	161.4
8	1967	202.7	122.7	180.0	167.1	287.1	325.6	341.3			200.9	157.1	102.1
9	1968	147.4	150.8	163.2	217.2	206.2	343.0	358.9	341.9	304.6	241.7	190.8	99.8
10	1969	125.7	121.1	169.0	174.5	257.2	329.1	347.6	337.2	289.1	216.2	137.4	162.0
11	1970	101.4	157.7	179.5	216.8	306.0	350.9	332.9	349.0	293.8	261.6	223.1	138.9
12	1971	160.4	108.6	185.3	211.8	323.5				275.6			
13	1972			146.0	230.8	203.6		339.8	152.0	285.5	243.0	183.1	93.5
14	1973			140.2	215.7	258.1	360.2	360.7	357.2	281.3	272.6	186.7	158.1
15	1974	144.9	129.6	202.2	181.5	282.2	267.6	364.2	357.1	264.2	274.6	186.9	128.1
16	1975	130.4	146.8	182.9	162.3	281.8	356.7	350.0	321.0	283.0	230.0	213.3	148.7
17	1976	96.2	105.0	163.8	205.5	311.9	352.4	375.4	351.0	296.7	207.4	193.1	123.3
18	1977	72.5	190.8	237.7	204.7	236.5	356.6	371.6	332.9	306.0	226.3		131.3

Agricultural Research Department-Meteorological Department and FAO Agrometeorological Component

Historical Data Sheet

South Salang Maximum Wind Speed

No	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	1962												
2	1963											NW SW/18/2,22	W/24/12
3	1964	W/28/14, 20	NW W/28/23, 27	E/24/30	NW/28/16	W/14/22	W/20/19	N NW W/16/25,28	NW/11/15	W/13/17,1	W/15/22	W/13/30	E/14/3
4	1965	NE/19/6	W/14/18	W/14/17	W/12/25	W/18/21	W/16/21	W/18/8	W/09/1	W/13/1	W/12/5	W/12/	W E/12/11,23
5	1966	W/12/4,16, 18	W/24/13	W/18/4	W/20/28	W/18/11	W/14/3,18	NW/17/31	W/13/18,1 3	W/18/2,3	W/16/10	W/25/21	W/24/24
6	1967	W/30/1	E/28/7	SE/22/24	S SE/12/4, 26	W/19/2	W/20/28,2 9	W/23/11,12	W/18/1,8	W/20/4	W/20/25	WNW N/10/13,28	N NW/16/1,2
7	1968	NW/25/15, 20	WSW/20/14	E/30/9	WNW/22/2	WNW NW/25/7, 8	W/23/11	W/25/13	W/22/28	W/15/9	WNW/18 /23	W/20/20	W/13/23
8	1969	W/25/26	W/17/1	W/15/26	W/20/29	W/18/22	W/18/21	W/15/28,30	W/18/20	W/21/14	W/18/1	W/12/18,23	W/10/24
9	1970	W/18/25	W/12/4	E/12/17	W/1/27	W/12/23	W/12/6	W/12/22	N/12/12	W/12/4	W/12/5	W/11/15	W/18/16
10	1971	W/12/6	W/12/27	WE/24/3	W/16/10	W/14/20	W/14/17	WSW/12/13	W/12/1	N/14/9	NW/13/3	W/12/7	SW/11/27
11	1972	NE/16/19	SW/19/19	NE/16/11	NW/16/19	SW/20/18	SE/14/18	NW/20/16	W/14/12	W/12/15	W/12/8	NW/14/22	W/16/17
12	1973	N/20/25	E/16/6	W/30/10	NNW/16/14	SW/18/9	WNW/16/ 10	W/16/13	W/18/6	W/15/6	NE/15/9	W/14/11	W/14/5
13	1974	W/18/13	NNW/25/4	WNN/15/20	E/24/2	NNW/25/26	N/25/21	NNW/17/15	N/18/16	N/14/11	WNW/14 /14	SW/15/18	W/16/31
14	1975	W/22/15	W/26/13	WNW/20/5	W/21/7	WNW/18/29	WSW/14/2	W/18/7	NNW/17/3	W/14/15	N/17/11	W/11/7	W/20/5
15	1976	W/15/26	W/26/25	W/14/12	W/15/30	W/18/14	N/20/21	W/15/8	W/19/11	NW/20/26	NW/14/6	W/14/19	W/11/13
16	1977	E/22/10	W/17/5	NW/15/10	W/23/29	WNW/24/2	NNW/20/1 4	W/23/29	W/20/15	NW/15/11	W/10/1	W/15/30	W/18/18

**Data Processing Form
Station (South Salang)**

Data Processing		Parameters	Duration
Starting Date	14/7/2003	1. Mean Temperature in °C	1962 - 1977
		2. Mean Maximum Temperature	1962 - 1977
		3. Mean Minimum Temperature	1962 - 1977
		4. Absolute Maximum Temperature	1961 - 1977
		5. Absolute Minimum Temperature	1961 - 1977
		6. Number of Days with Max, 30°C	1962 - 1977
		7. Number of Days with Min, 00°C	1962 - 1977
		8. Mean Relative Humidity in %	1962 - 1977
		9. Maximum Relative Humidity	1962 - 1977
		10. Minimum Relative Humidity	1962 - 1977
		11. Mean Pressure in mb	1962 - 1977
		12. Maximum Pressure in mb	1962 - 1977
Number of Pages	27	13. Minimum Pressure in mb	1962 - 1977
		14. Surface Ordinary Temp, 0300 GMT	1969 - 1977
		15. Surface Ordinary Temp, 0900 GMT	1969 - 1977
		16. Max Height of Snow	1962 - 1978
		17. Number of Days with Snow Fall	1962 - 1977
		18. Number of Days with 6-8 oktas	1962 - 1977
		19. Mean Precipitations in mm	1962 - 1977
		20. Max Precipitations in 24 Hours	1962 - 1977
		21. Number of Days with Rain	1962 - 1977
		22. Sun-Shine Hours	1960 - 1977
		23. Number of Days with Sand, Dust	1961 - 1977
		24. Number of Days with Thunder	1962 - 1977
		25. Number of Days with Hail	1962 - 1977
		26. Maximum Wind Speed	1963 - 1977
Completion Date	15/8/2003	27. Water Pressure	1964 - 1978