

Annex 1:

Agromet Network Agromet Project Situation

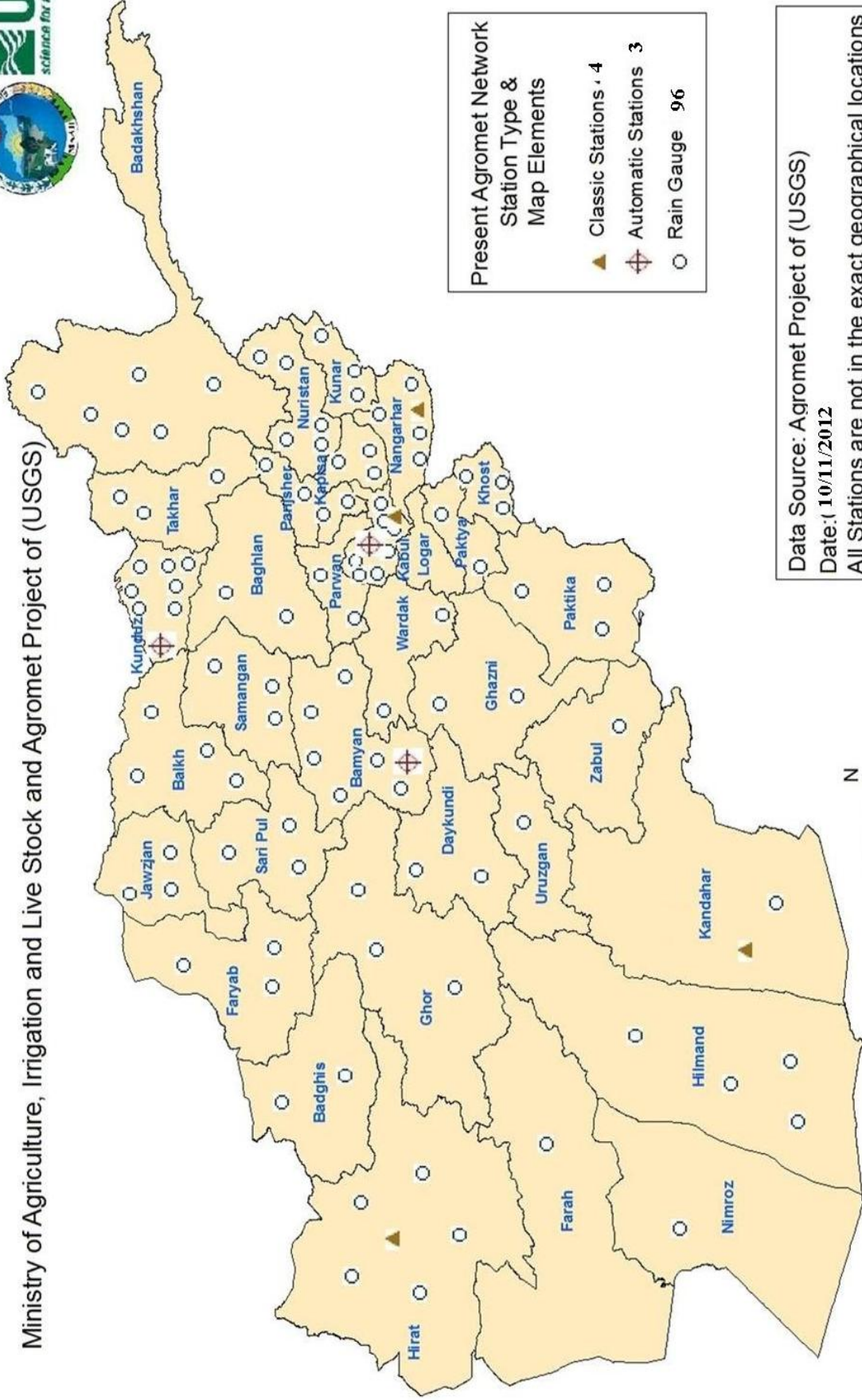
A: Weather Stations

B: Crop Monitoring

MAIL/USGS Agromet Project: Status as of September 2012

- 1) **MAIL/USGS** Agromet Project was established in Afghanistan 1st January 2004 to install a network of Agrometeorological stations and develop a complete Agromet services. To date, the Agromet Project has installed and is managing 102 sites. All 102 sites record rainfall and snowfall. In addition to rainfall and snowfall, 92 out of 102 report on crop (wheat, maize, rice and barley), pasture and grazing conditions twice a month. The information collected includes all adverse weather conditions, shortage of agricultural inputs, weeds, pests, diseases etc. Other recorded information includes crop phenological stages(land preparation), planting and harvesting dates, expected and actual The Agromet project receive data from 18 classic station from AMA which consist 8 meteorological parameter and publish on its monthly bulletins. providing observations three times a day.
- 2) The Agromet project has developed an Agrometeorological database and information system. Information in the data base includes data from past 7 years (taken from 102 stations), historical data from 1942 to 1993 (depending on sites) with up to 29 weather parameters. The data base heart was built using the “Agrometshell” which includes around 20 Agrometeorological applications fully integrated into the database.
- 3) Agromet Project has trained 260 observers, including people from different Government and Non Government Organizations, although some of the ministry national Agromet counterpart had been sent to abroad for getting knowledge in the Agromet field.
- 4) Agromet Project has some 102 Observers paid through incentives, Four national MAIL/AMA counterpart and 3 USGS Agro meteorological staff.
- 5) Agromet Project currently prepares weekly reports, monthly Agromet bulletins and Seasonal Bulletins based on Ground and Satellites observation., water balance model and rainfall probabilities and so on, with updated Agrometeorological situation analysis and graphs, maps etc. the bulletin is transmitted to key players in English and dari, the Agromet project has also produced papers for technical meeting, press releases and special newflashes throughout the agricultural year.
- 6) The Agromet project is working closely with the united States Geological Survey (USGS), regular data and analysis are also transmitted regularly to over 1150 local and international users around the country and outside the country as well.
- 7) In general, the Agromet Project provides timely information and data related to the impact of climate on agriculture and food security to the decision makers in the government and to the aid community.

Ministry of Agriculture, Irrigation and Live Stock and Agromet Project of (USGS)



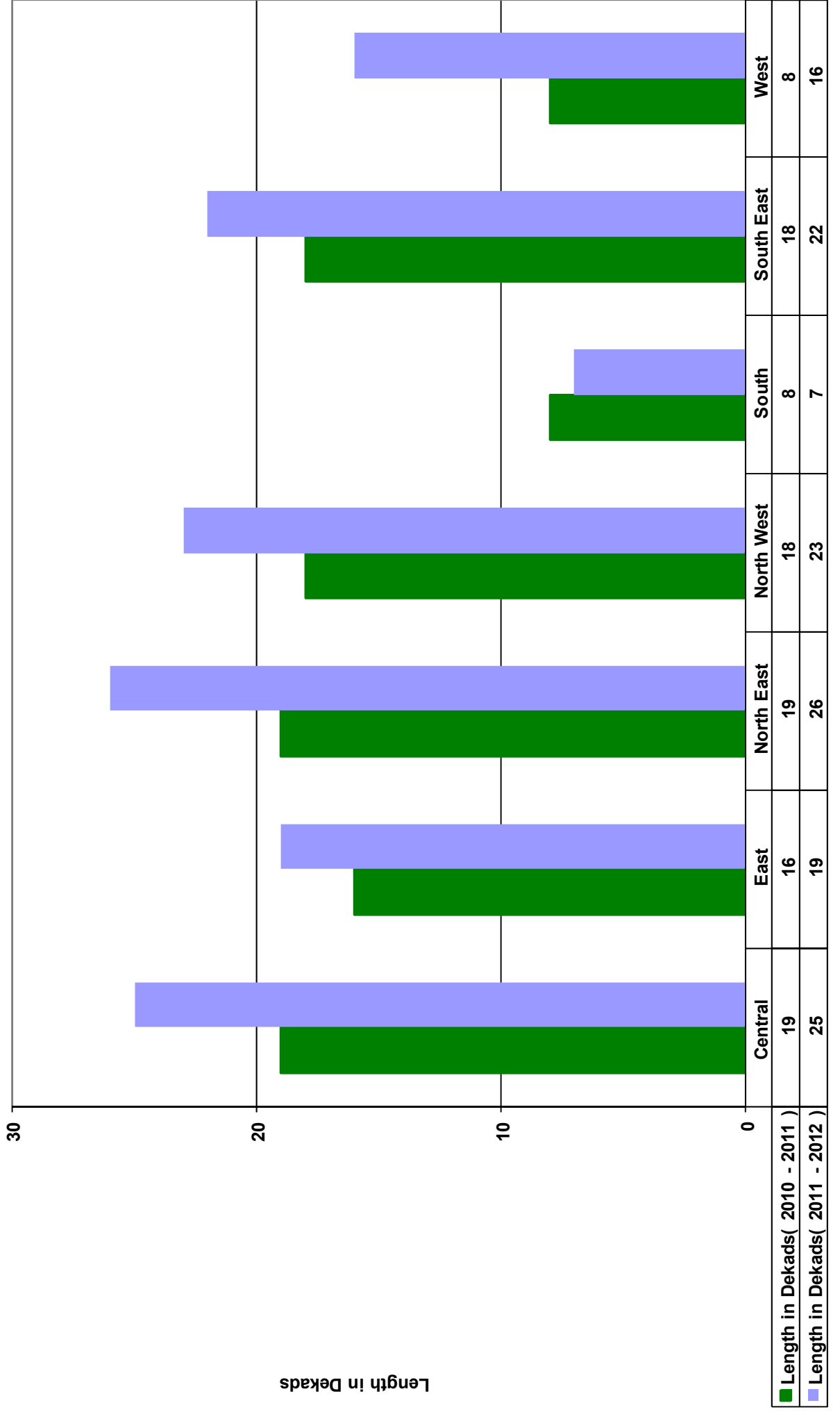
**Present Agromet Network
Station Type &
Map Elements**

- ▲ Classic Stations : 4
- ⊕ Automatic Stations : 3
- Rain Gauge : 96

Data Source: Agromet Project of (USGS)
Date: 10/11/2012
All Stations are not in the exact geographical locations



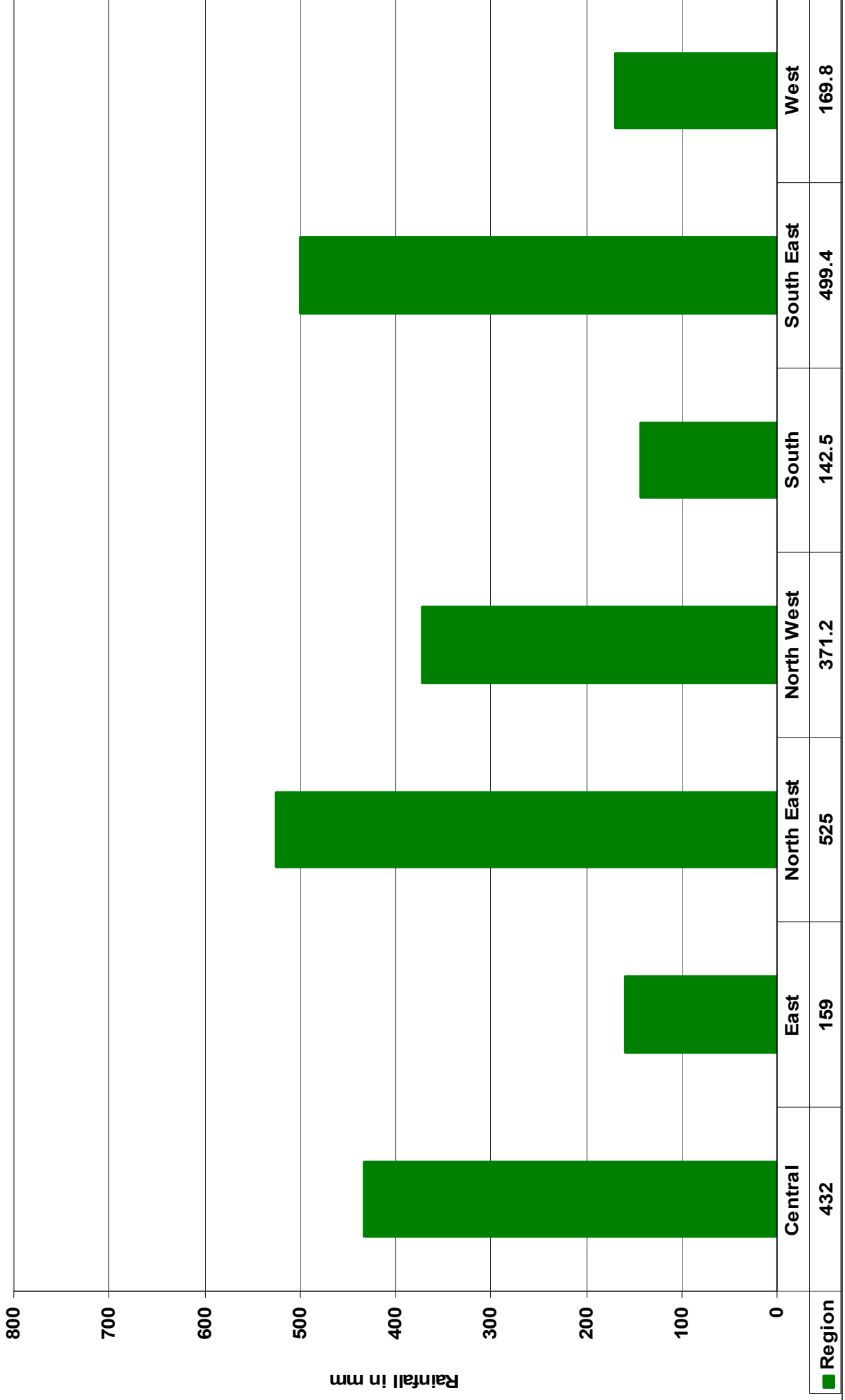
Length of Rainfall Season in Dekads by Region (2011 - 2012) Compared to (2010 - 2011)



Average Recorded Rainfall (mm) By Regions (2011 - 2012) Season

Region	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Central	15	54	38	0	40	78	48	119	28	0	2	10
East	28	24	3	0	14	23	20	41	4	0	2	0
North east	4	64	66	28	48.5	71	57	68	88.5	30	0	0
North west	2	17	46.5	20.5	41	32.5	89	57	58.5	7.2	0	0
South	0	17.4	0	0	73.2	44.9	0	7	0	0	0	0
South East	28	80	2	0	21	28	29	122	0	0	95	94.4
West	0	0	47.5	0	26.5	58.5	13.5	17.8	6	0	0	0
Minimum	0	0	0	0	14	23	0	7	0	0	0	0
Maximum	28	80	66	28	73.2	78	89	122	88.5	30	95	94.4
Average	11	36.6	29	6.9	37.7	48.0	36.6	61.7	26.4	5.3	14.1	14.9

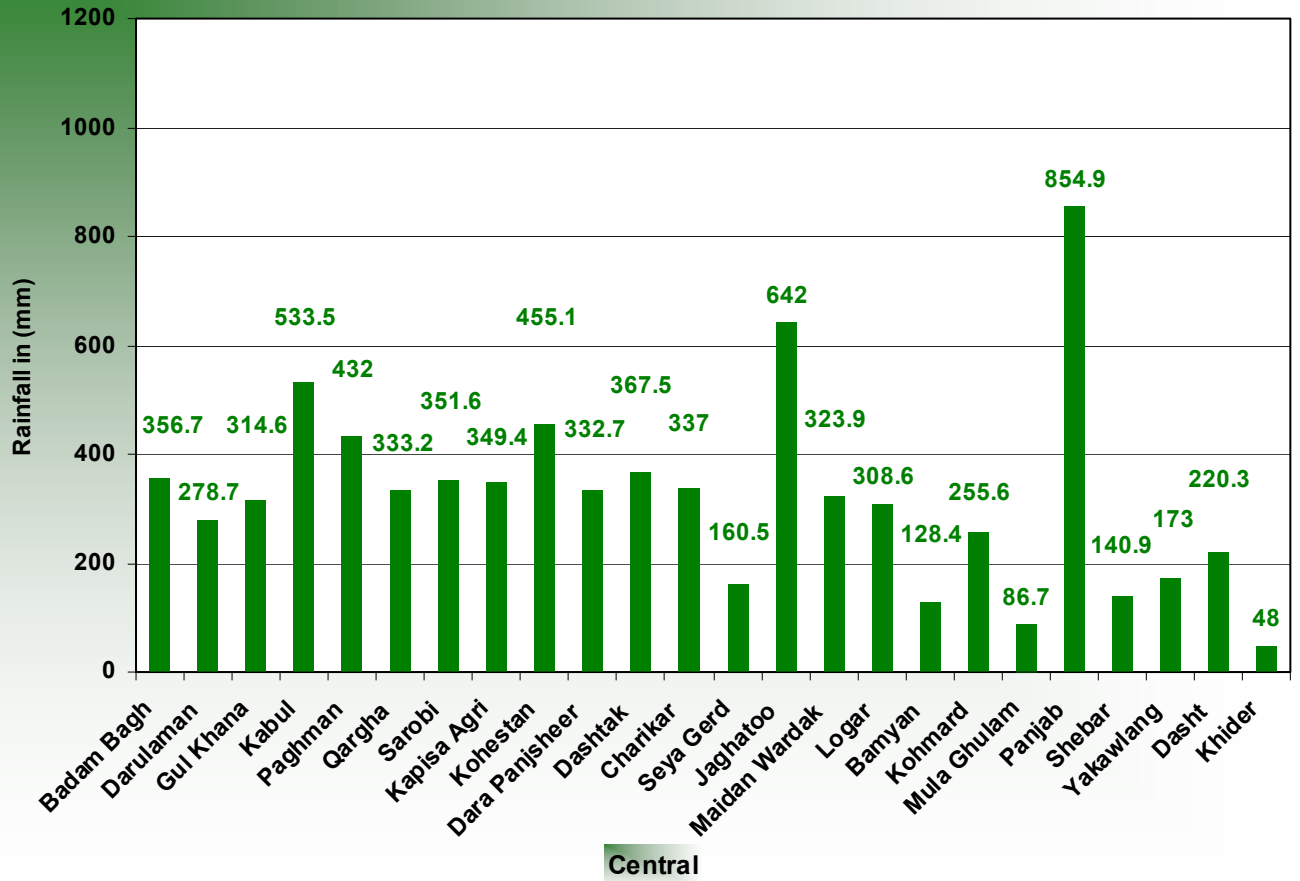
Accumulated Yearly Rainfall By Region (2011 - 2012)



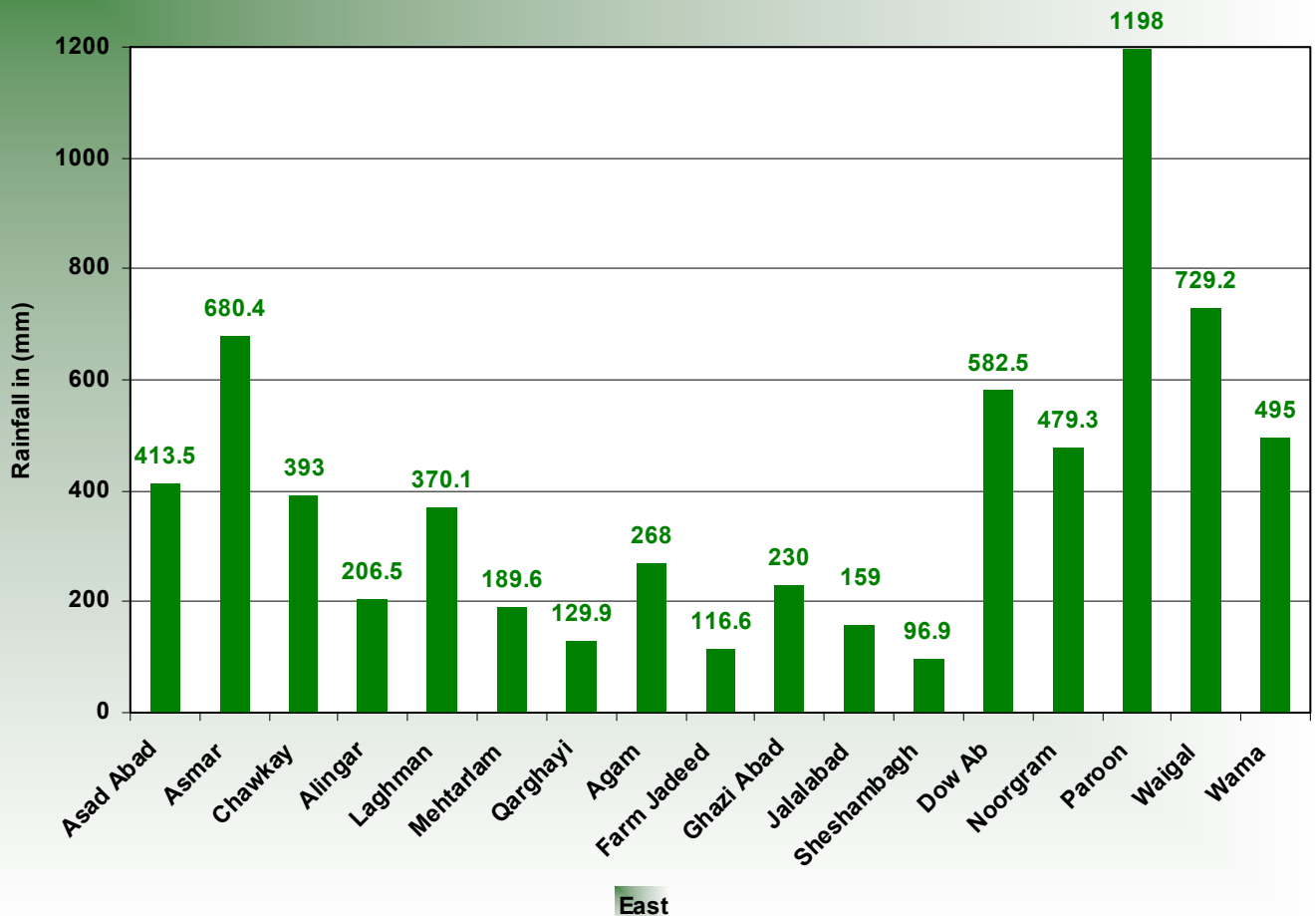
Accumulated Yearly Rainfall By Region (2011 - 2012)



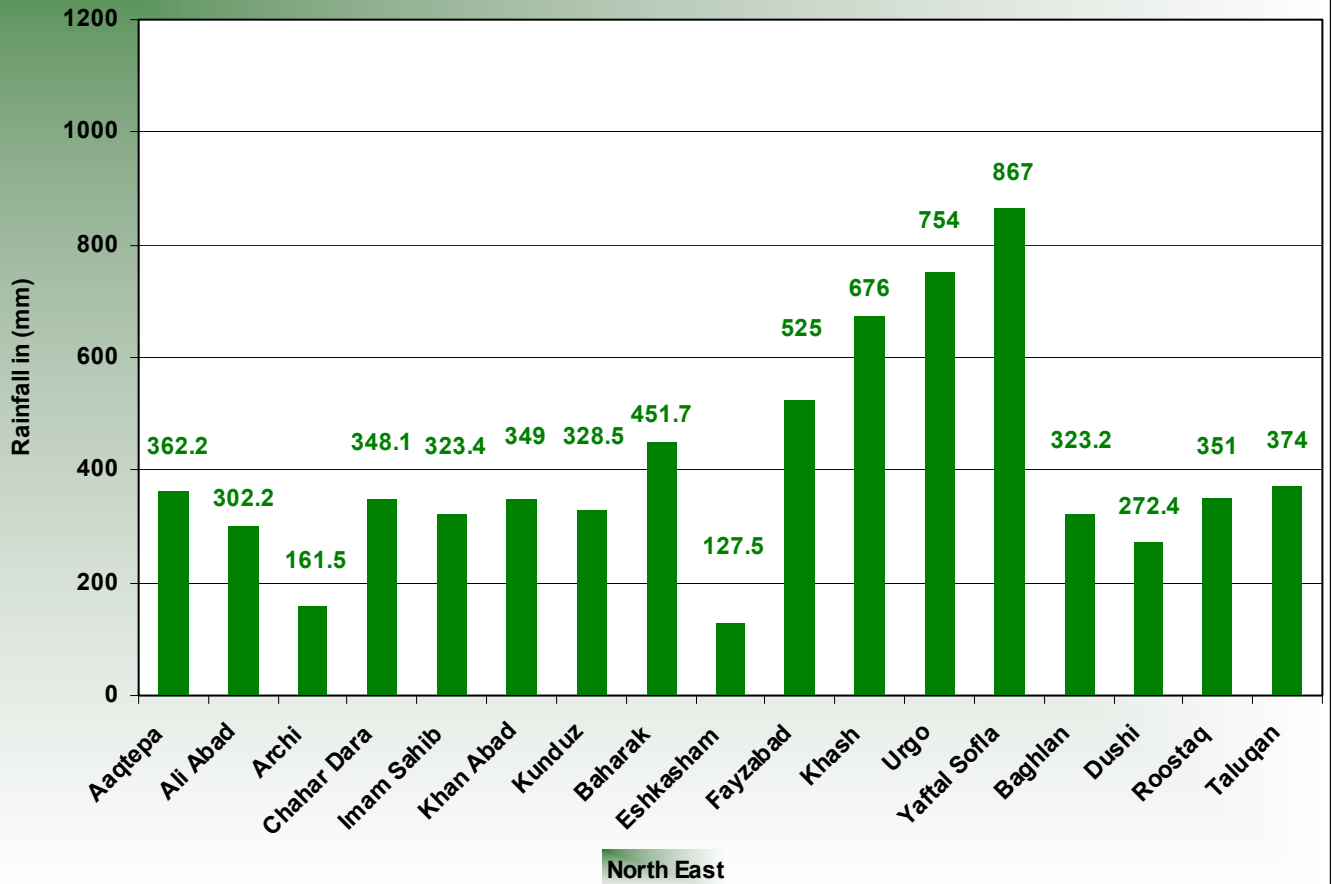
Accumulated Yearly Rainfall By Region in mm 2011/ 2012



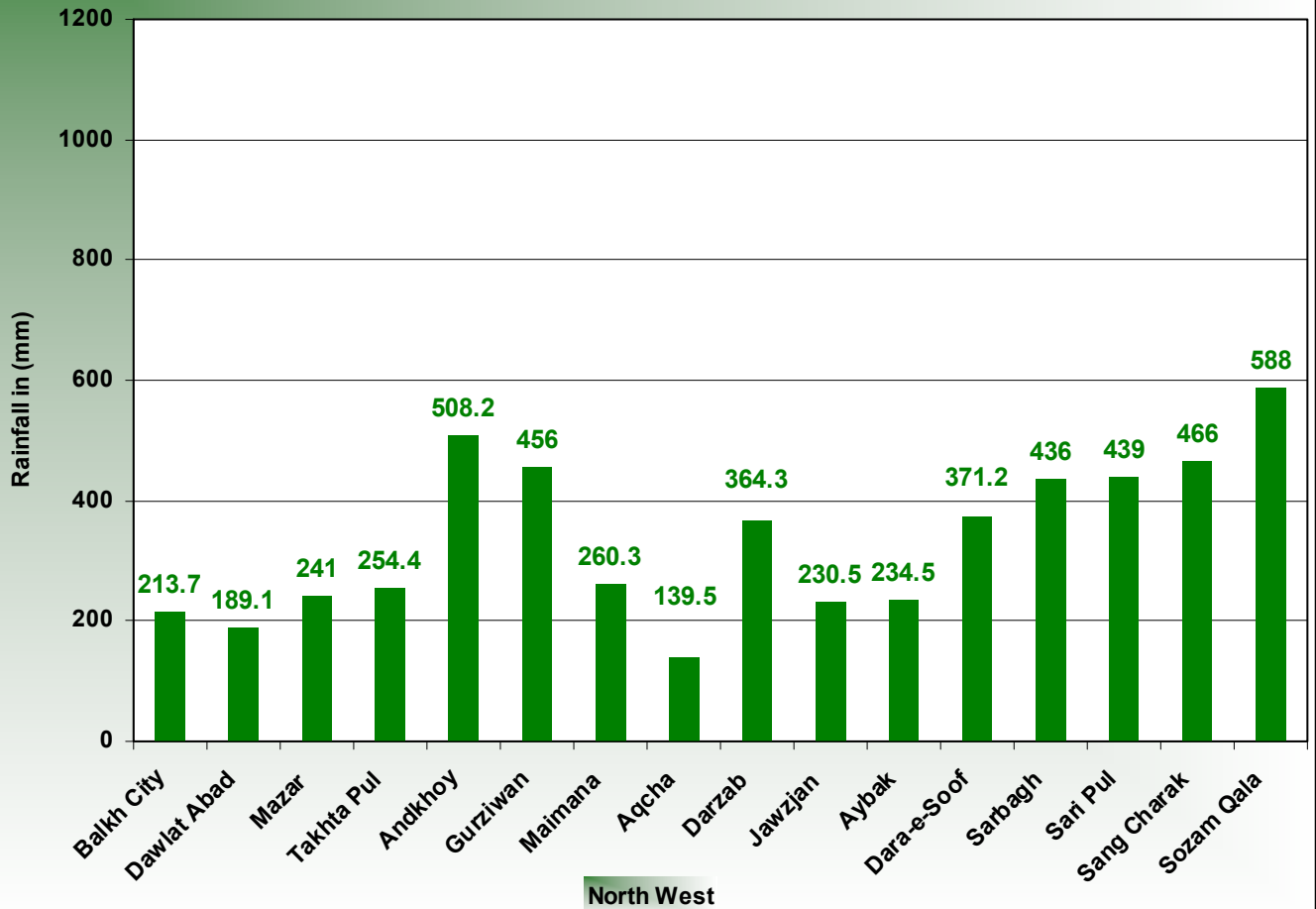
Accumulated Yearly Rainfall By Region in mm 2011 / 2012



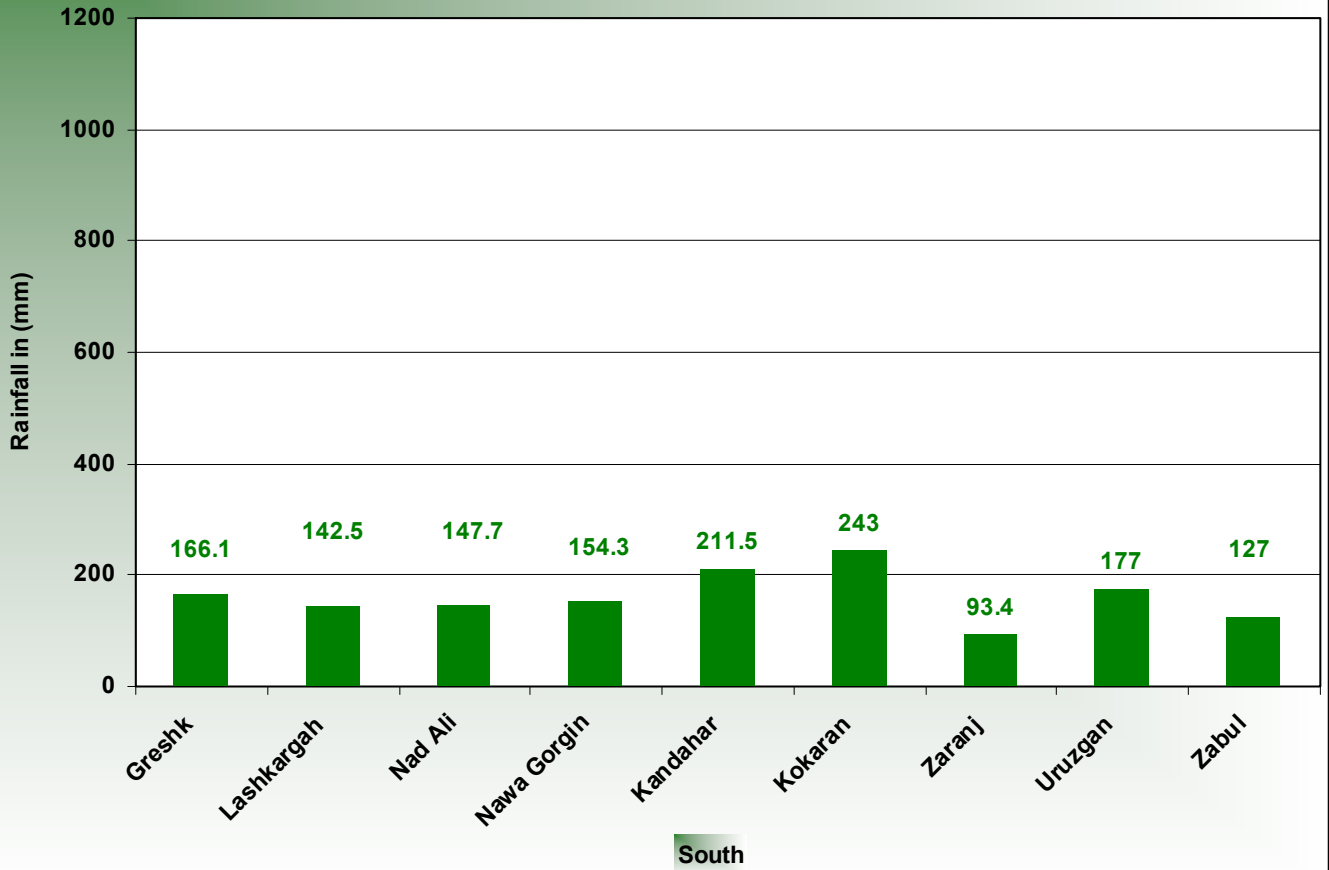
Accumulated Yearly Rainfall By Region in mm 2011 / 2012



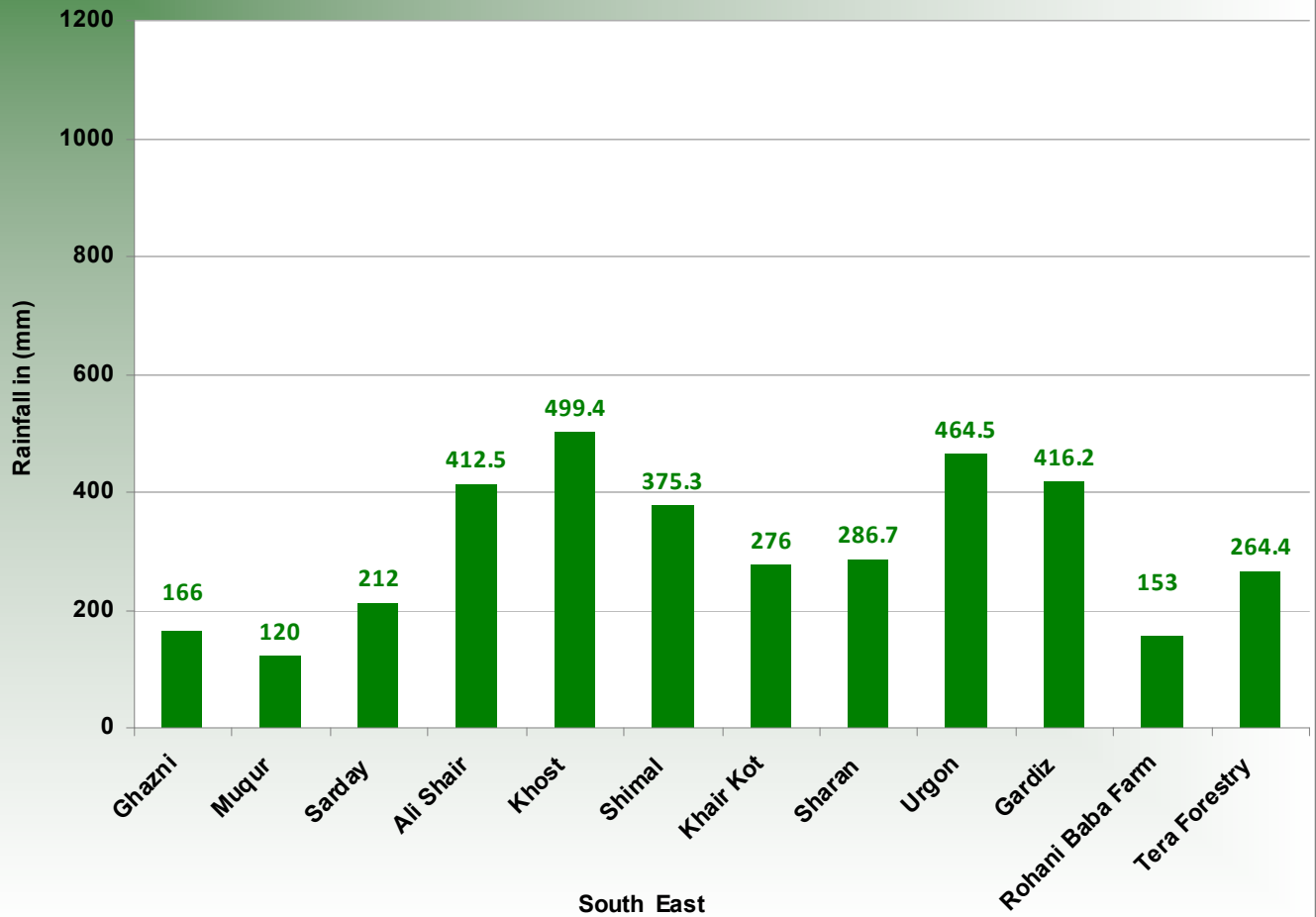
Accumulated Yearly Rainfall By Region in mm 2011 / 2012



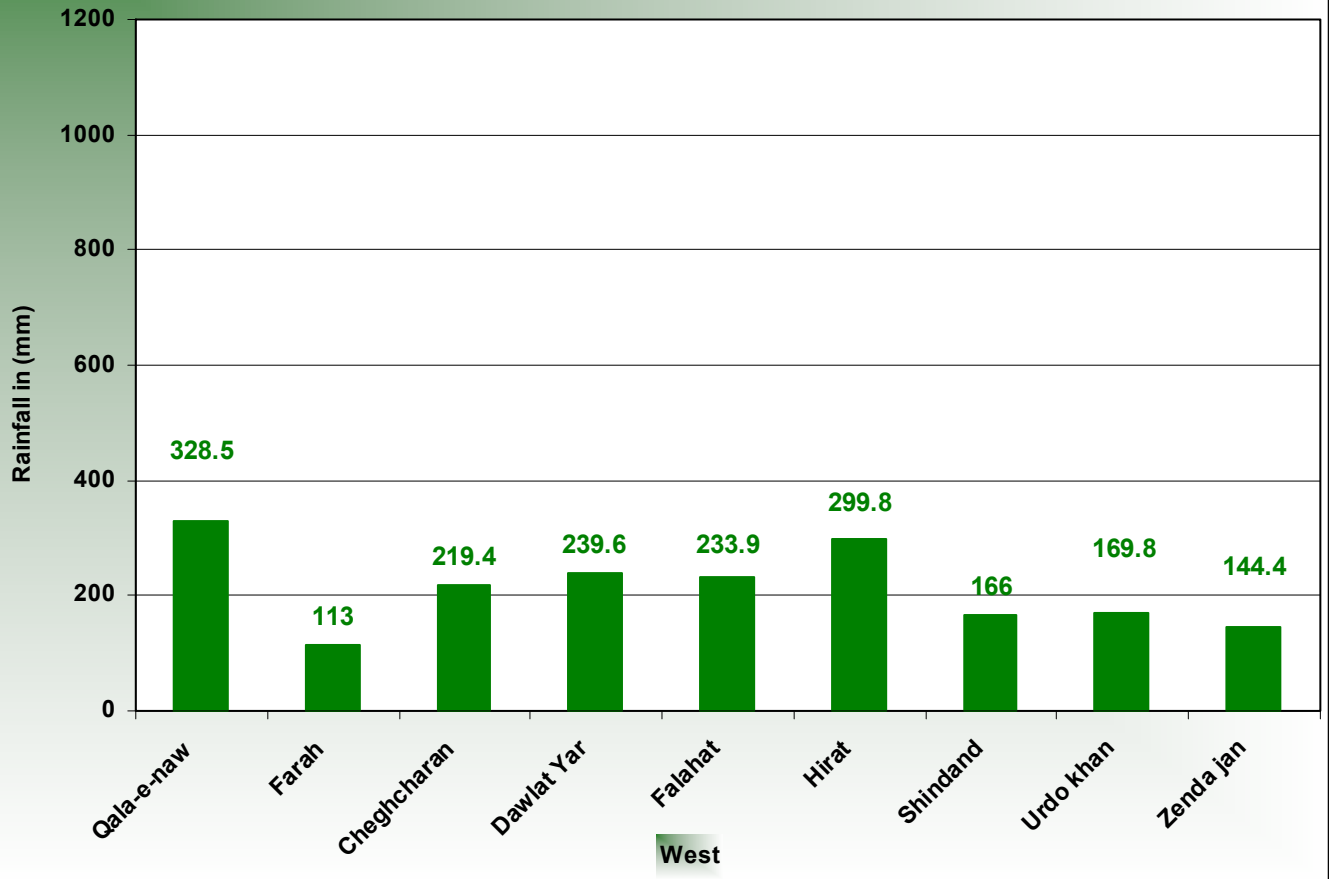
Accumulated Yearly Rainfall By Region in mm 2011 / 2012



Accumulated Yearly Rainfall By Region in mm 2011 / 2012



Accumulated Yearly Rainfall By Region in mm 2011 / 2012

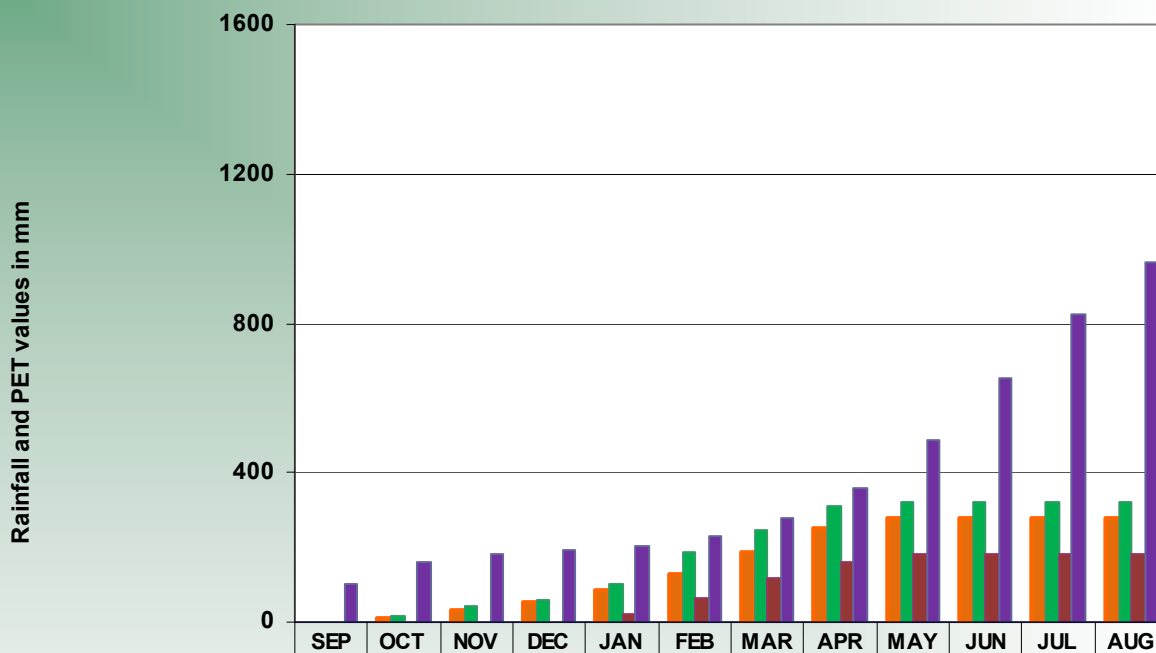


Accumulated Rainfall (mm)
For the Season (2011 - 2012)

Compared with:

- Last Year
- Potential Evapotranspiration (PET)
- Long Term Average

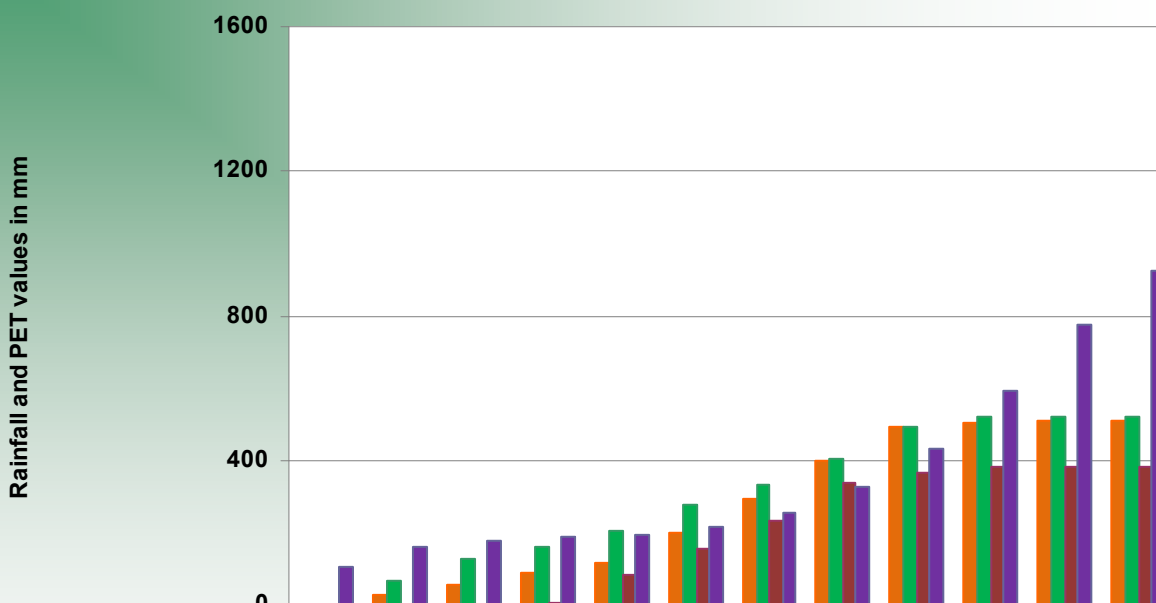
Baghlan: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (North East)



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Accumulated Mean Monthly Rain	0	9	33	56	86	126	188	250	280	280	280	280
Accumulated Actual Rain(2011 - 2012)	0.0	17.2	43.4	58.2	102.0	185.2	248.8	311.8	323.2	323.2	323.2	323.2
Accumulated Actual Rain(2010 - 2011)	0.0	0.0	0.0	0.0	23.8	64.8	119.6	162.6	184.2	184.2	184.2	184.2
Accumulated Mean Monthly PET	100	161	180	190	204	228	277	356	486	651	823	961

Months (Rainfall Season 2011-2012)

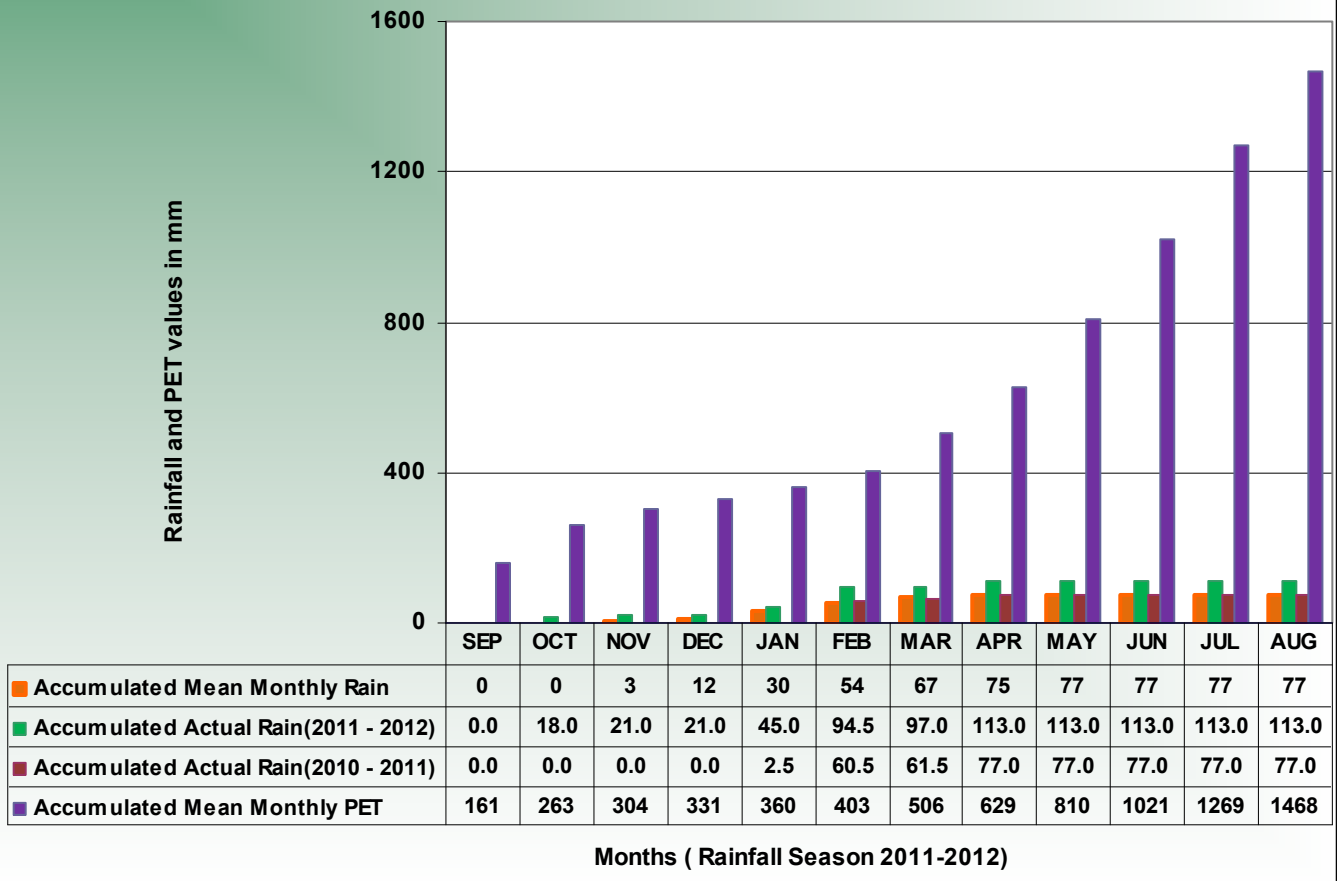
Faiz Abad: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (North East)



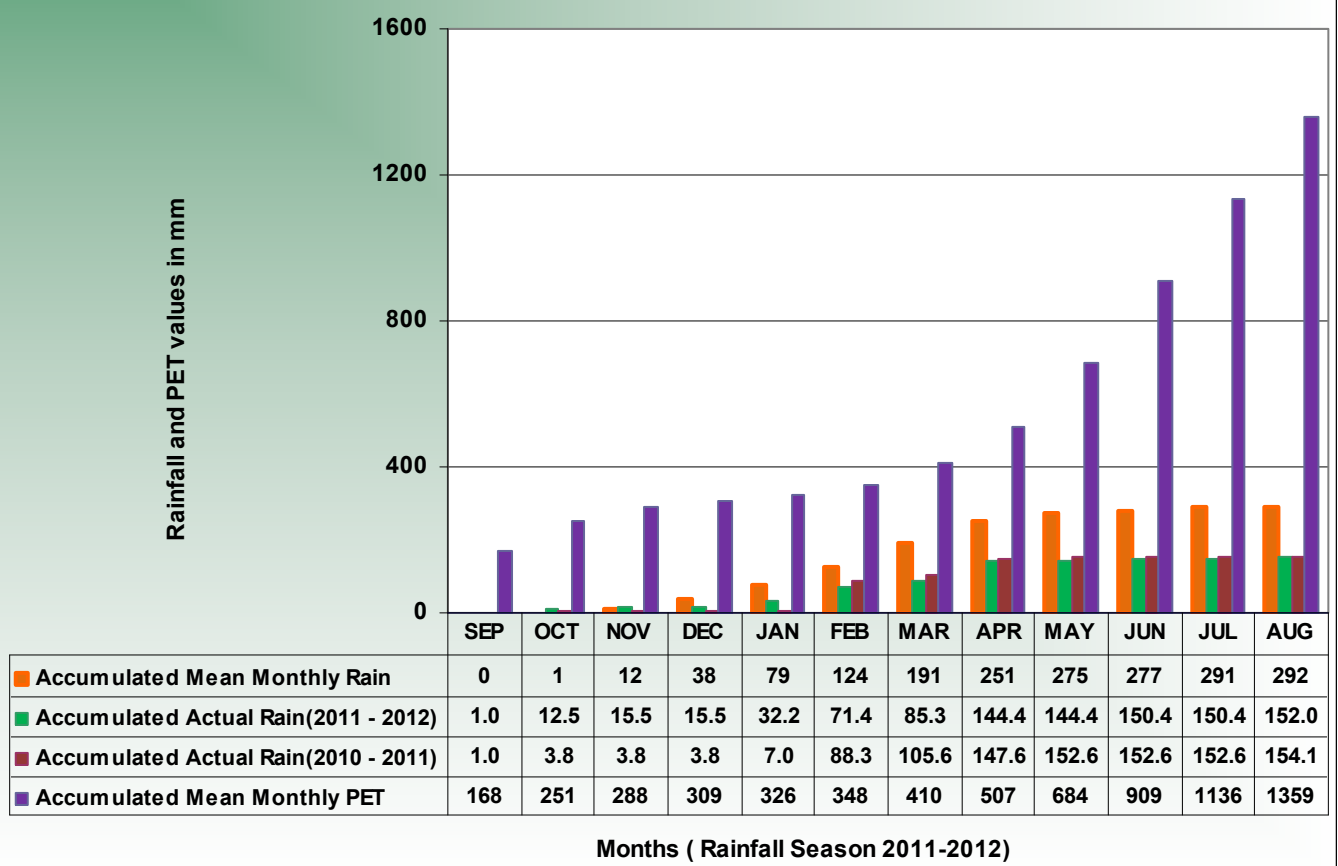
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Accumulated Mean Monthly Rain	1	25	54	86	116	202	295	400	494	502	510	512
Accumulated Actual Rain(2011 - 2012)	0.0	64.0	130.0	158.0	206.5	277.5	334.5	402.5	491.0	521.0	521.0	521.0
Accumulated Actual Rain(2010 - 2011)	0.0	0.0	0.0	4.0	81.0	155.0	233.0	336.0	365.0	380.0	380.0	380.0
Accumulated Mean Monthly PET	103	159	178	186	196	215	257	327	431	593	775	925

Months (Rainfall Season 2011-2012)

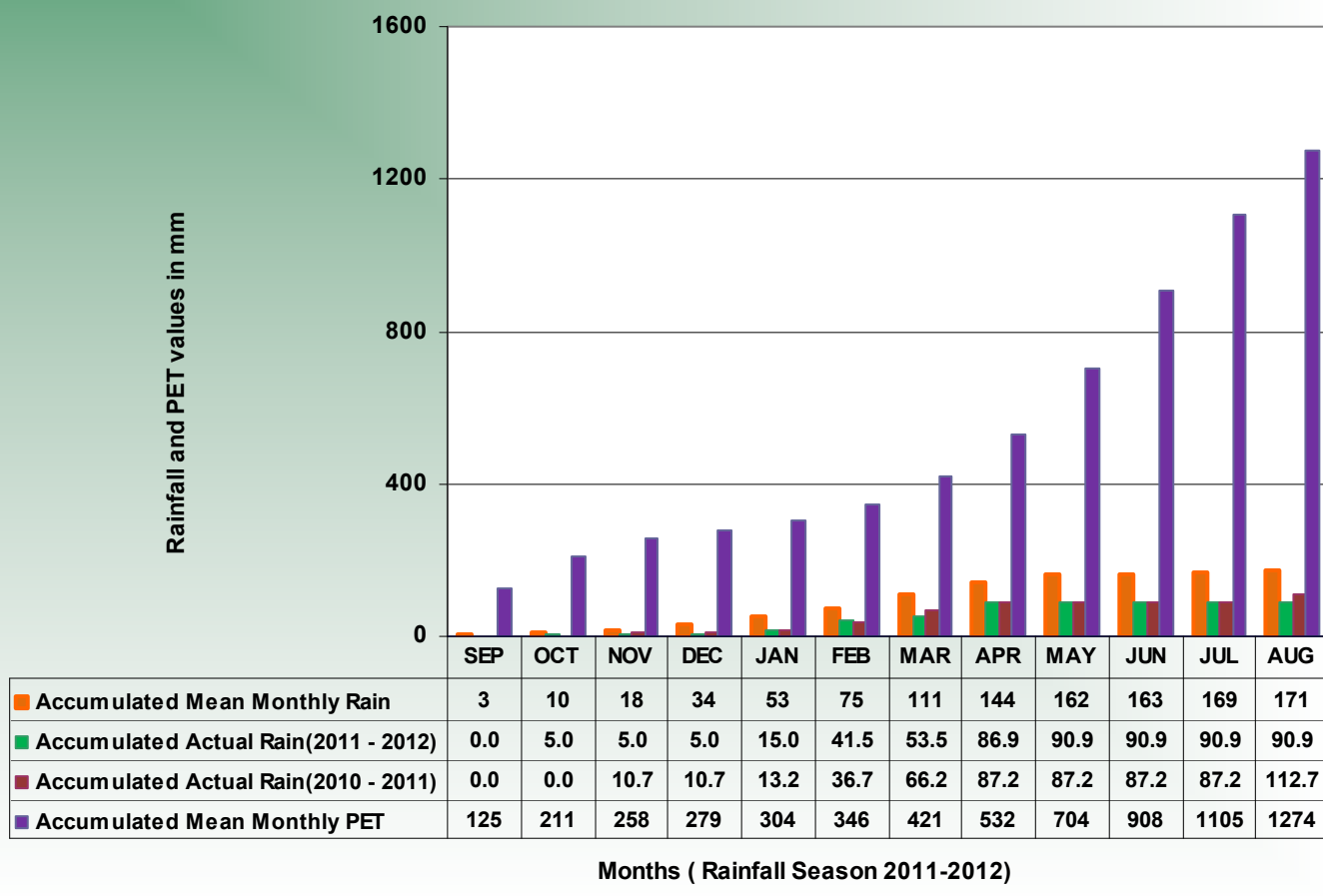
Farah: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (West)



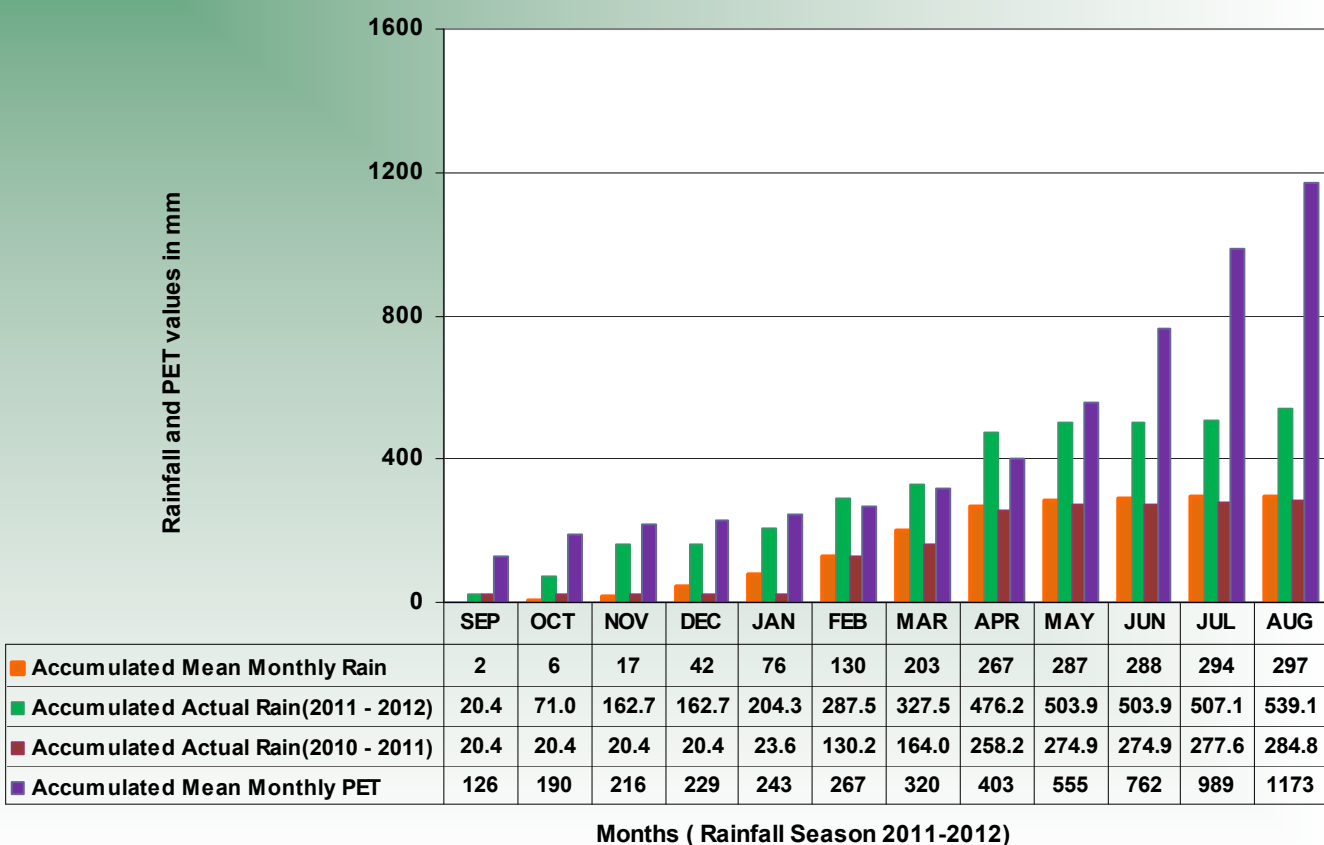
Ghazni: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (South East)



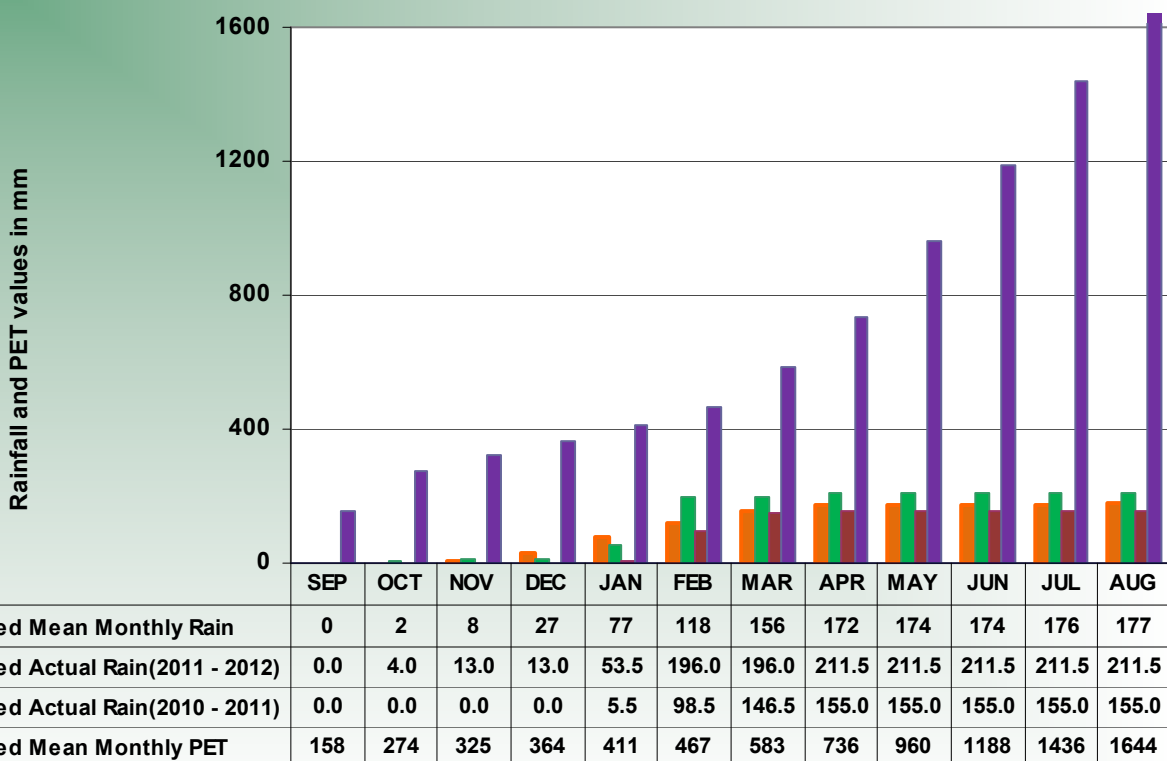
Jalalabad: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (East)



Kabul: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (Central)

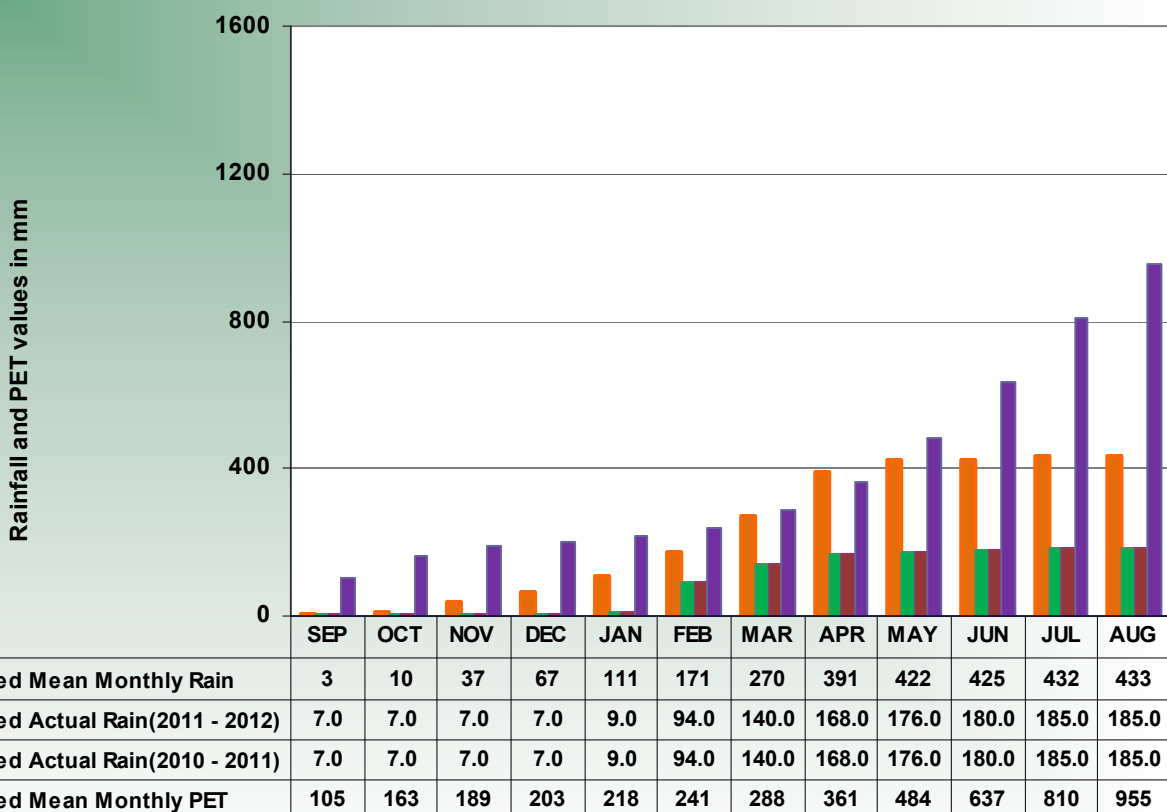


Kandahar: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (South)



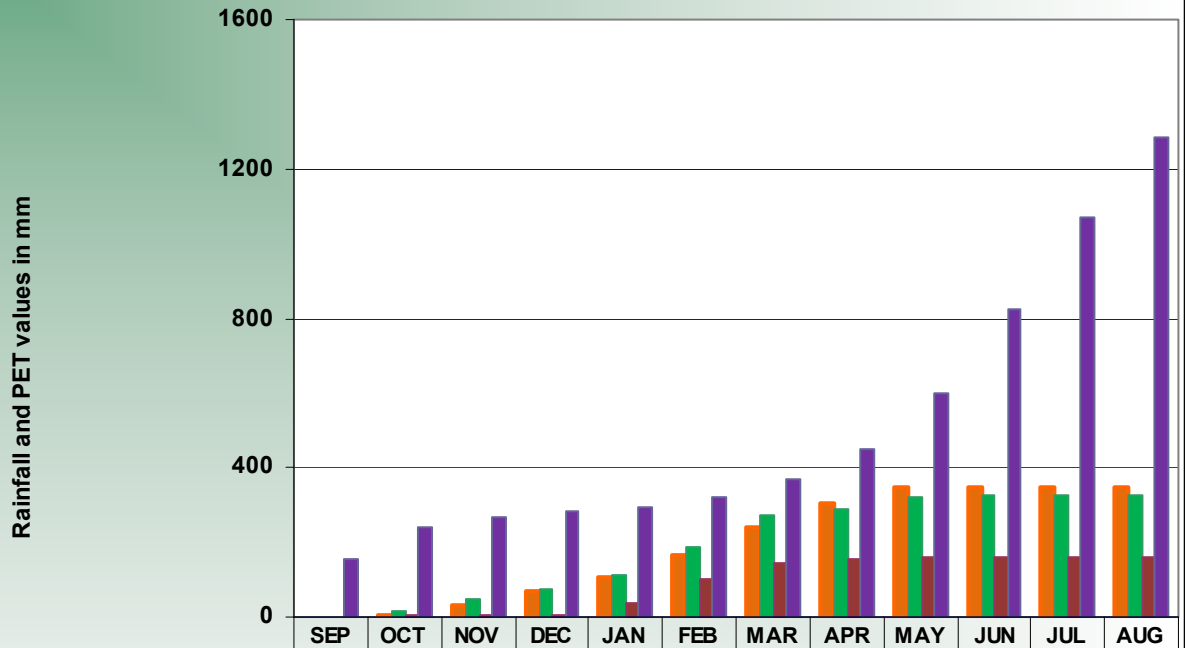
Months (Rainfall Season 2011-2012)

Kariz Mir: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (Central)



Months (Rainfall Season 2011-2012)

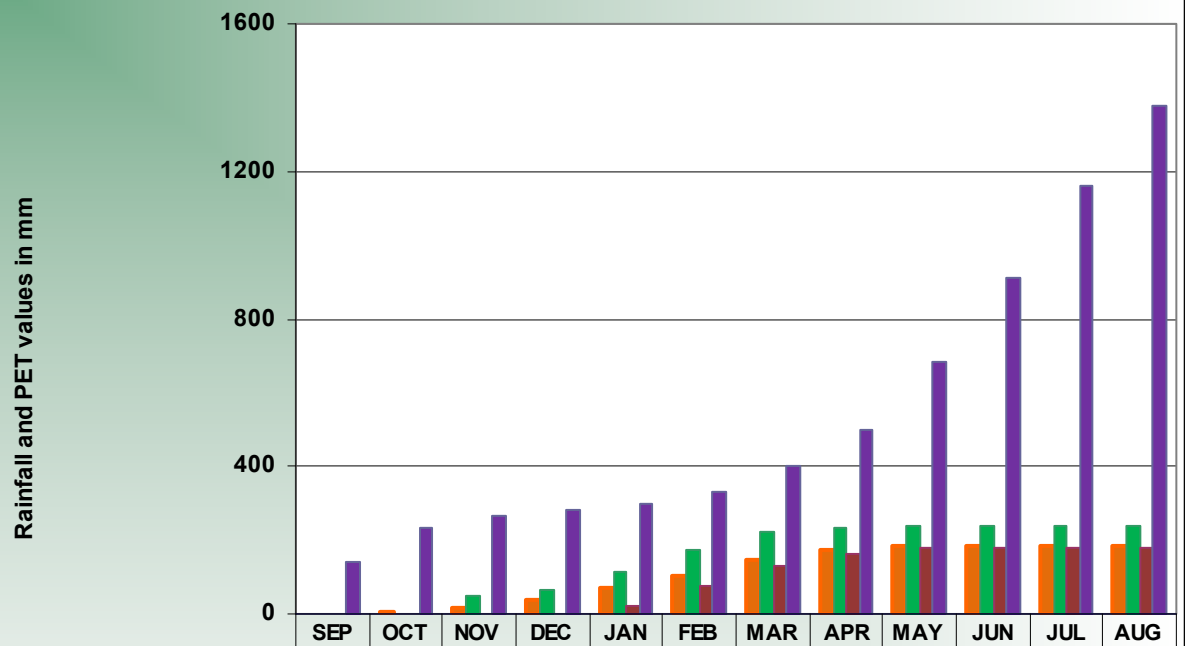
Kunduz: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (North East)



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Accumulated Mean Monthly Rain	0	8	34	70	109	164	239	306	347	347	349	349
Accumulated Actual Rain(2011 - 2012)	0.0	15.1	49.4	74.1	111.7	187.3	271.3	291.3	322.3	328.5	328.5	328.5
Accumulated Actual Rain(2010 - 2011)	0.0	3.5	3.5	5.5	35.4	101.2	142.2	152.7	159.7	159.7	159.7	159.7
Accumulated Mean Monthly PET	155	242	269	282	296	320	370	452	602	825	1069	1285

Months (Rainfall Season 2011-2012)

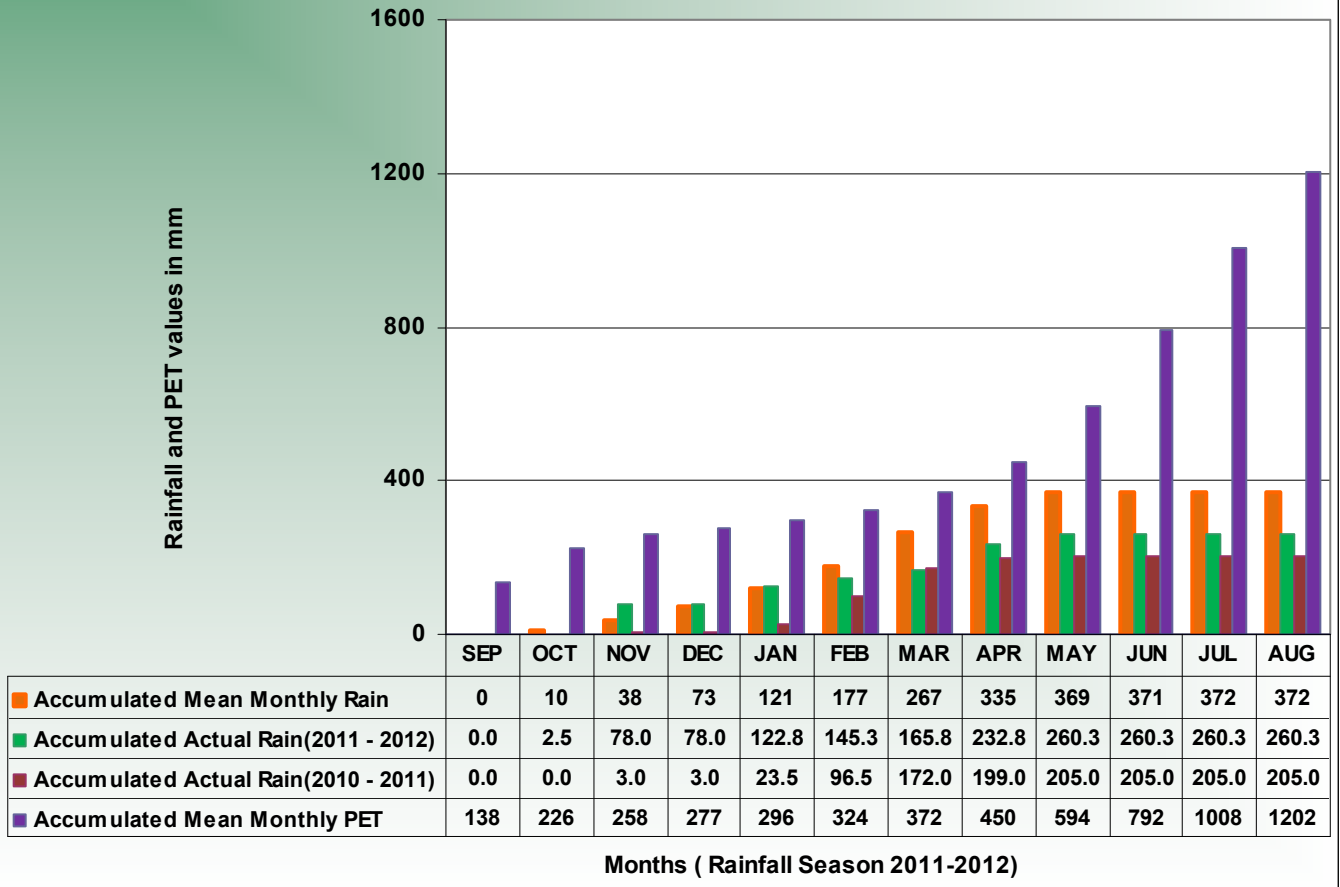
Mazar: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (North West)



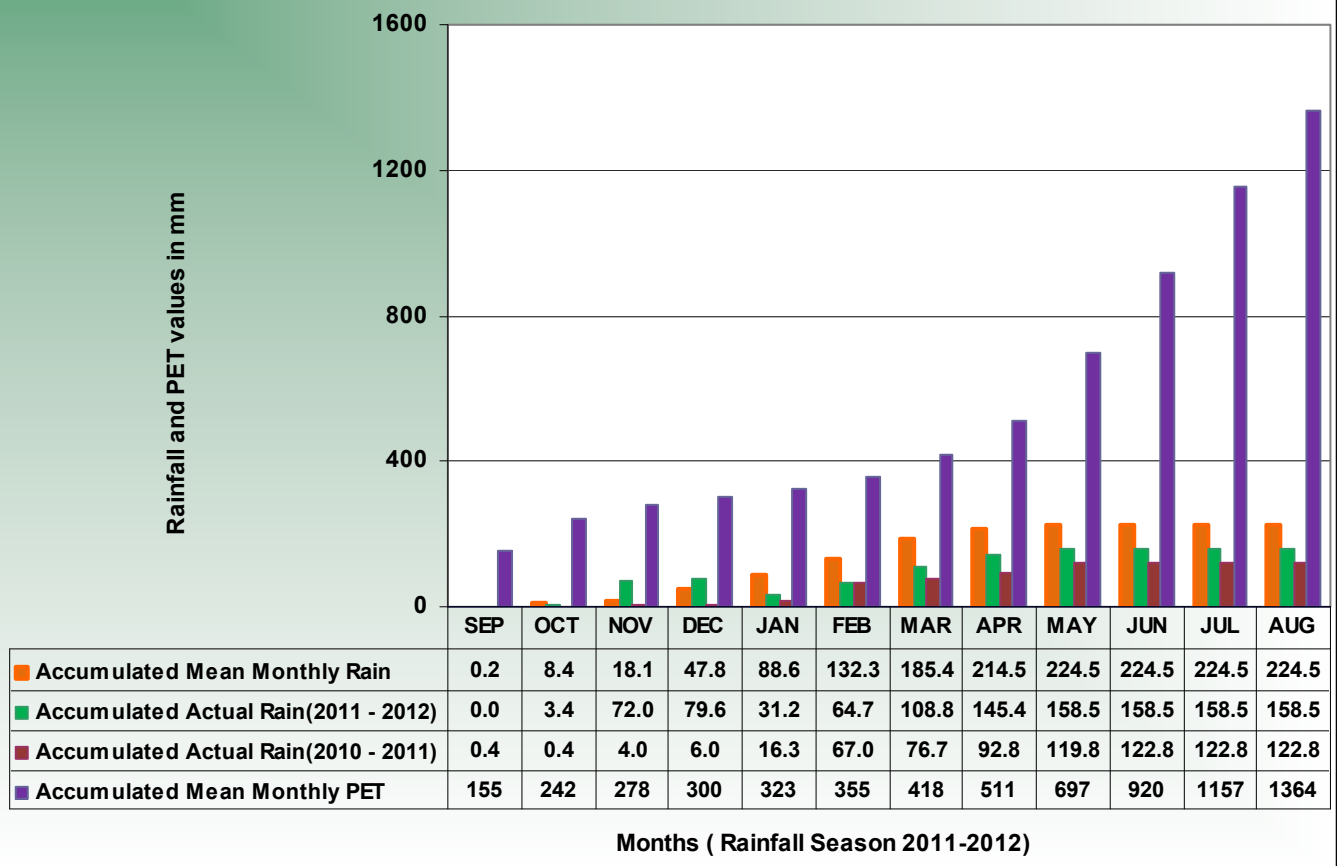
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Accumulated Mean Monthly Rain	0	5	16	37	68	102	148	174	185	185	185	185
Accumulated Actual Rain(2011 - 2012)	0.0	0.0	51.5	67.5	113.0	174.5	221.5	235.0	241.0	241.0	241.0	241.0
Accumulated Actual Rain(2010 - 2011)	0.0	0.0	0.0	2.0	22.0	77.0	128.0	164.0	179.0	179.0	179.0	179.0
Accumulated Mean Monthly PET	139	233	264	281	301	333	399	500	681	909	1163	1376

Months (Rainfall Season 2011-2012)

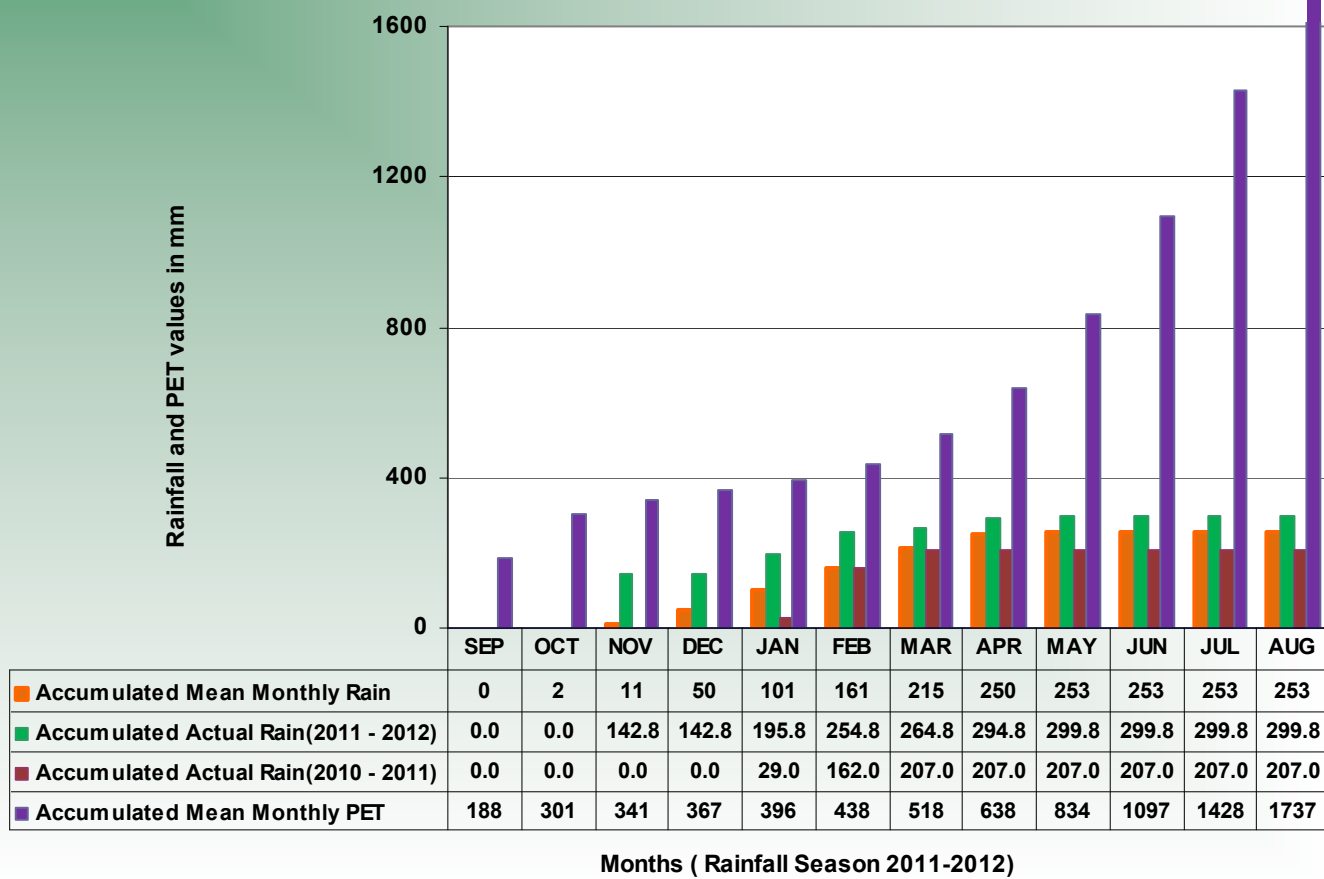
Maimana: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (North West)



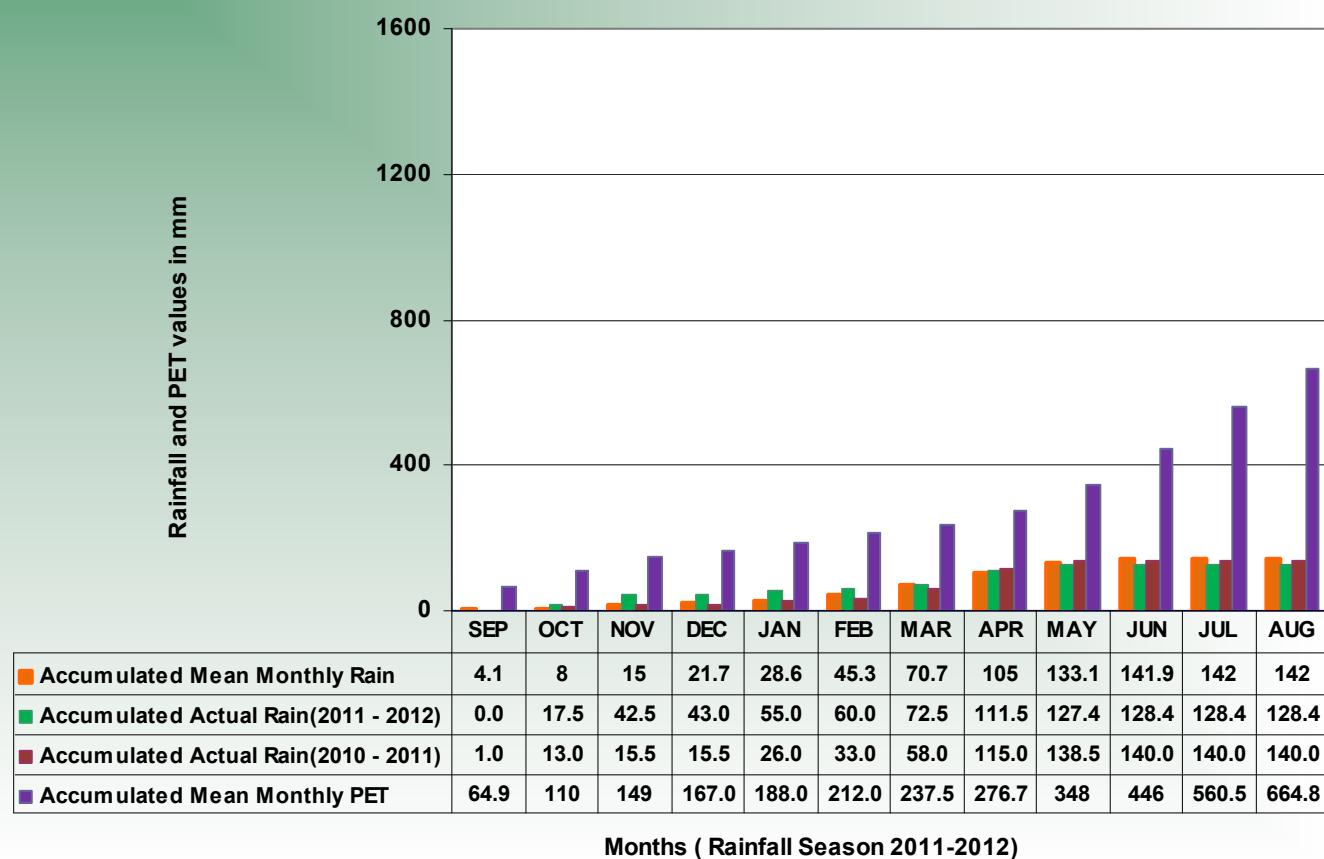
Sheberghan: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (North West)



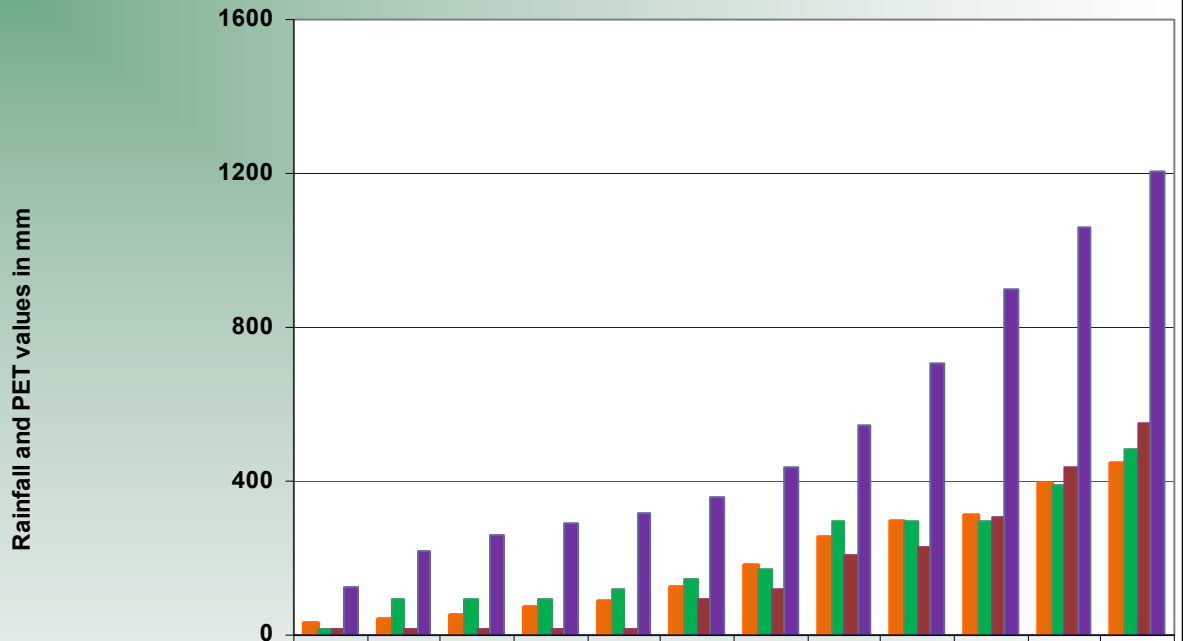
Hirat: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (West)



Bamyar: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (Central)



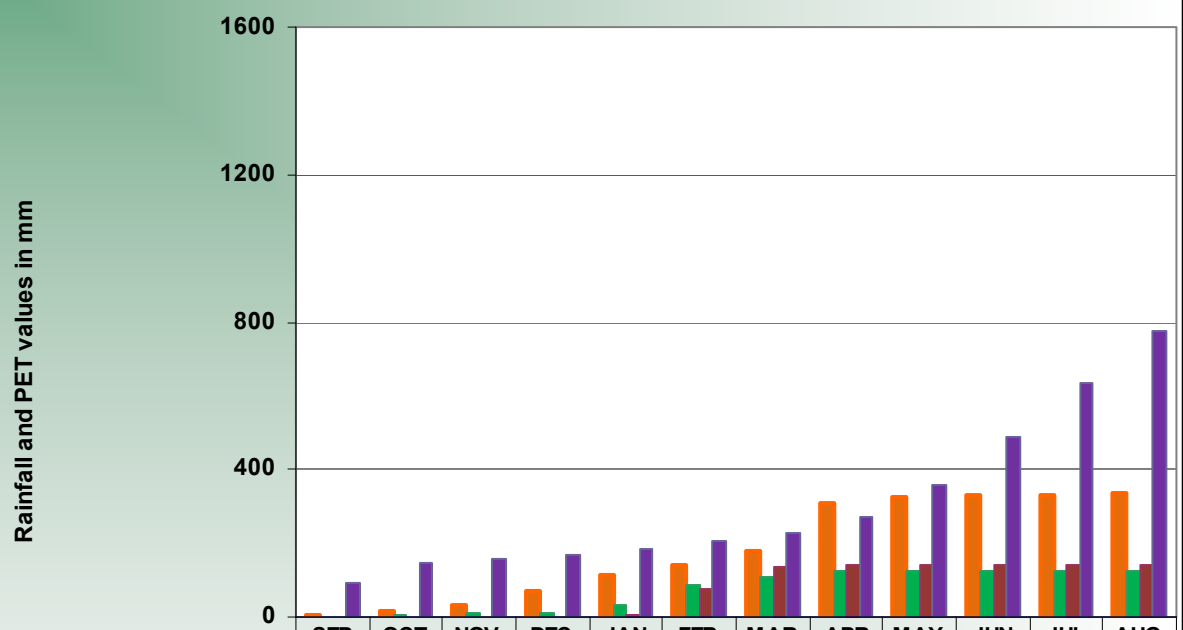
Khost: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (South East)



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Accumulated Mean Monthly Rain	33	40	50	72	87	126	181	257	297	314	396	448
Accumulated Actual Rain(2011 - 2012)	14.0	94.0	96.0	96.0	117.0	145.0	174.0	296.0	296.0	296.0	391.0	485.4
Accumulated Actual Rain(2010 - 2011)	14.0	14.0	17.0	17.0	17.0	96.0	118.0	207.0	230.0	304.0	436.0	552.0
Accumulated Mean Monthly PET	127	219	261	289	317	357	436	545	707	898	1062	1205

Months (Rainfall Season 2011-2012)

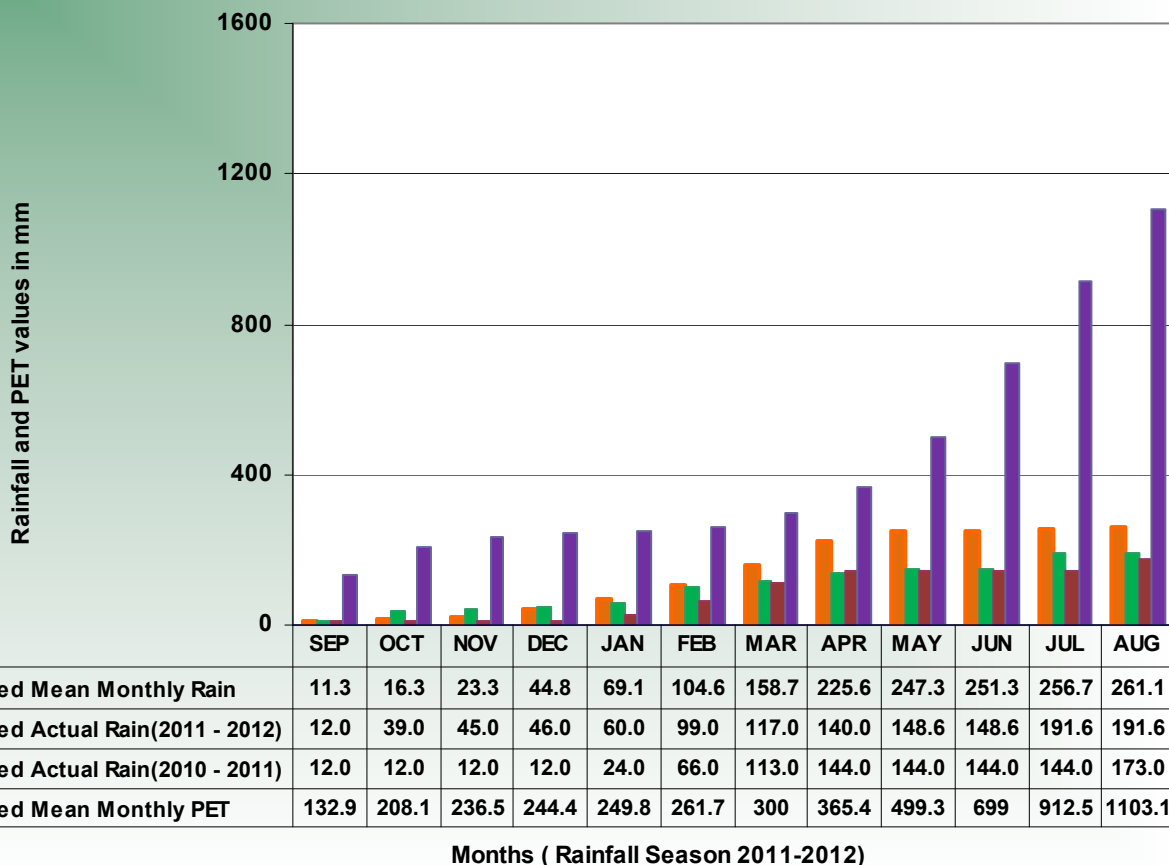
Qalat: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (South West)



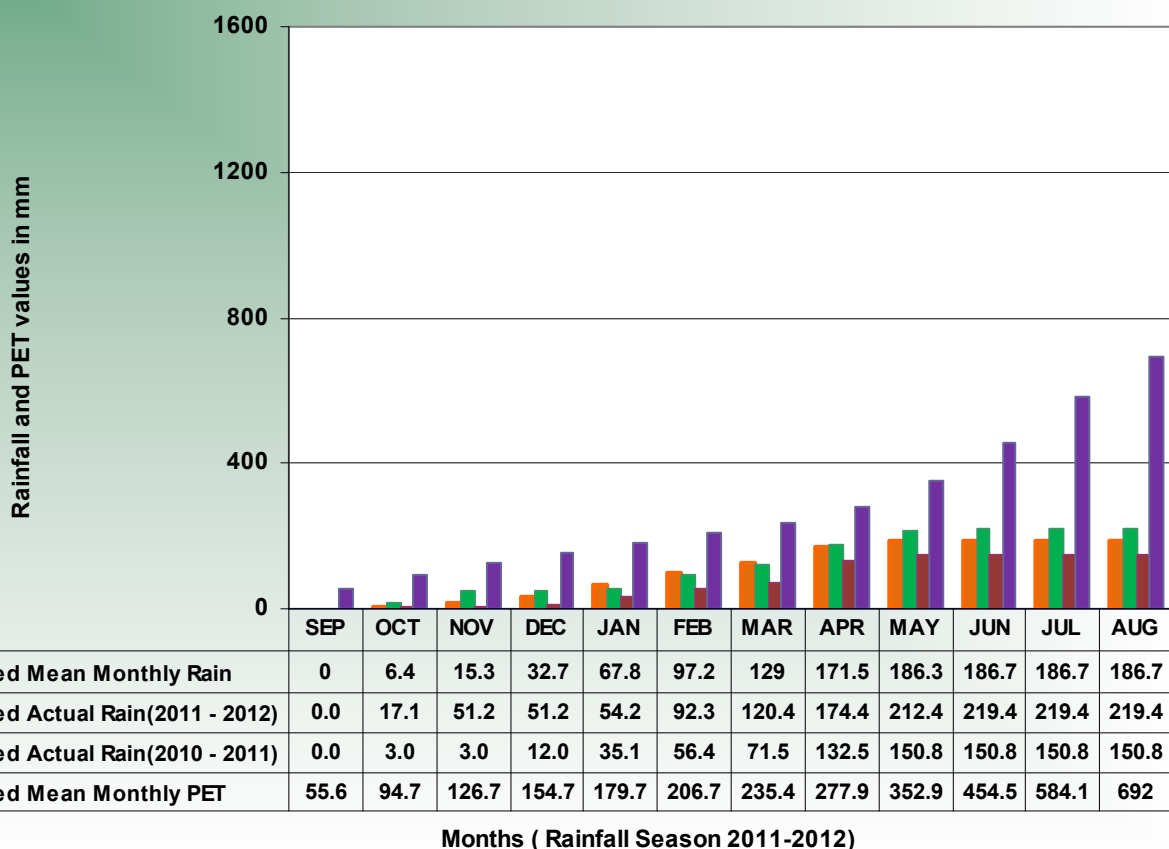
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Accumulated Mean Monthly Rain	4	16	30	73	116	141	178	308	327	330	332	334
Accumulated Actual Rain(2011 - 2012)	0.0	7.0	11.0	11.0	33.0	86.0	108.0	127.0	127.0	127.0	127.0	127.0
Accumulated Actual Rain(2010 - 2011)	0.0	0.0	0.0	0.0	6.0	75.0	133.0	140.0	140.0	140.0	140.0	140.0
Accumulated Mean Monthly PET	92.7	144.4	157.6	168.6	183.6	204.6	227	272.4	357.3	485.8	636	775

Months (Rainfall Season 2011-2012)

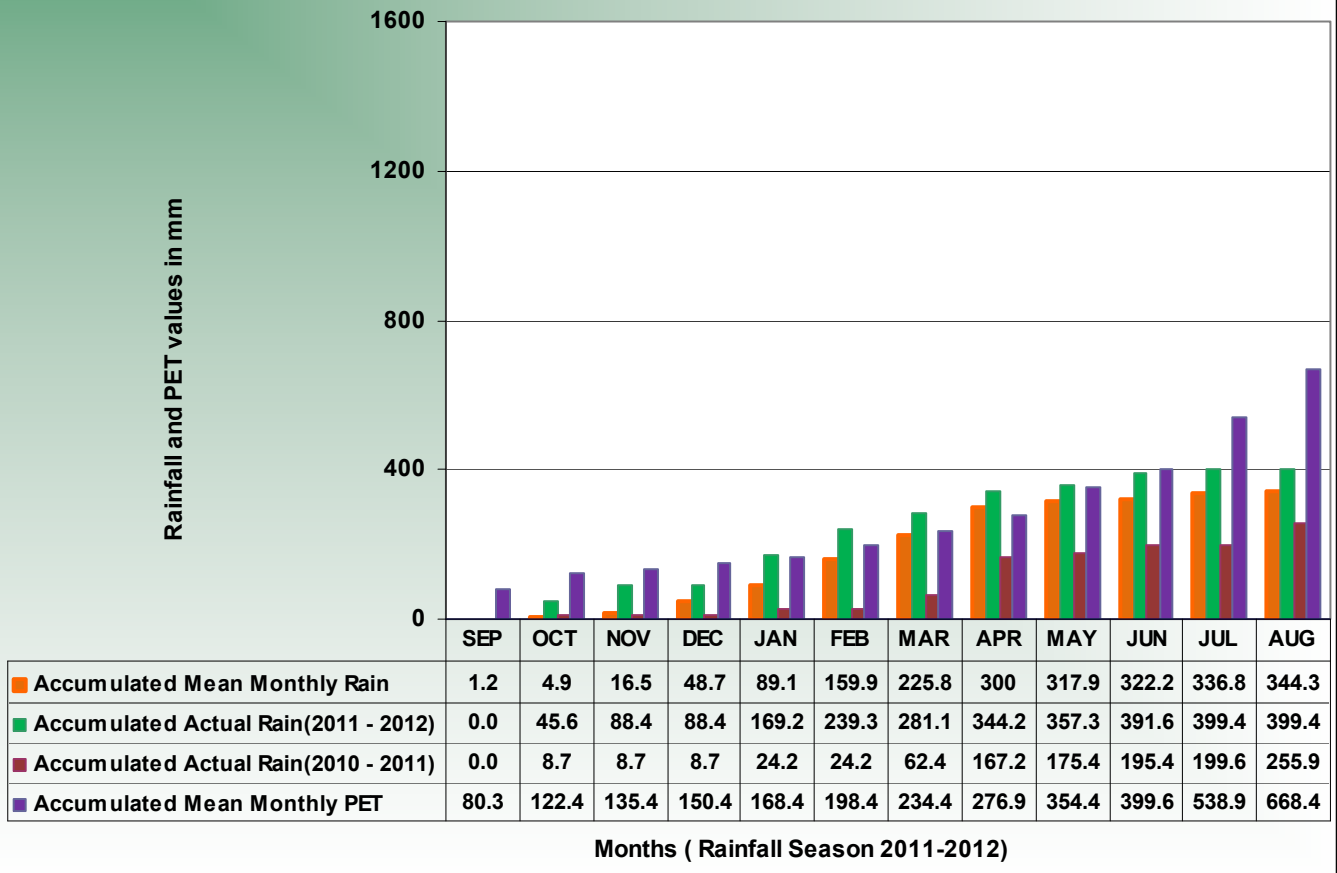
Laghman: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (East)



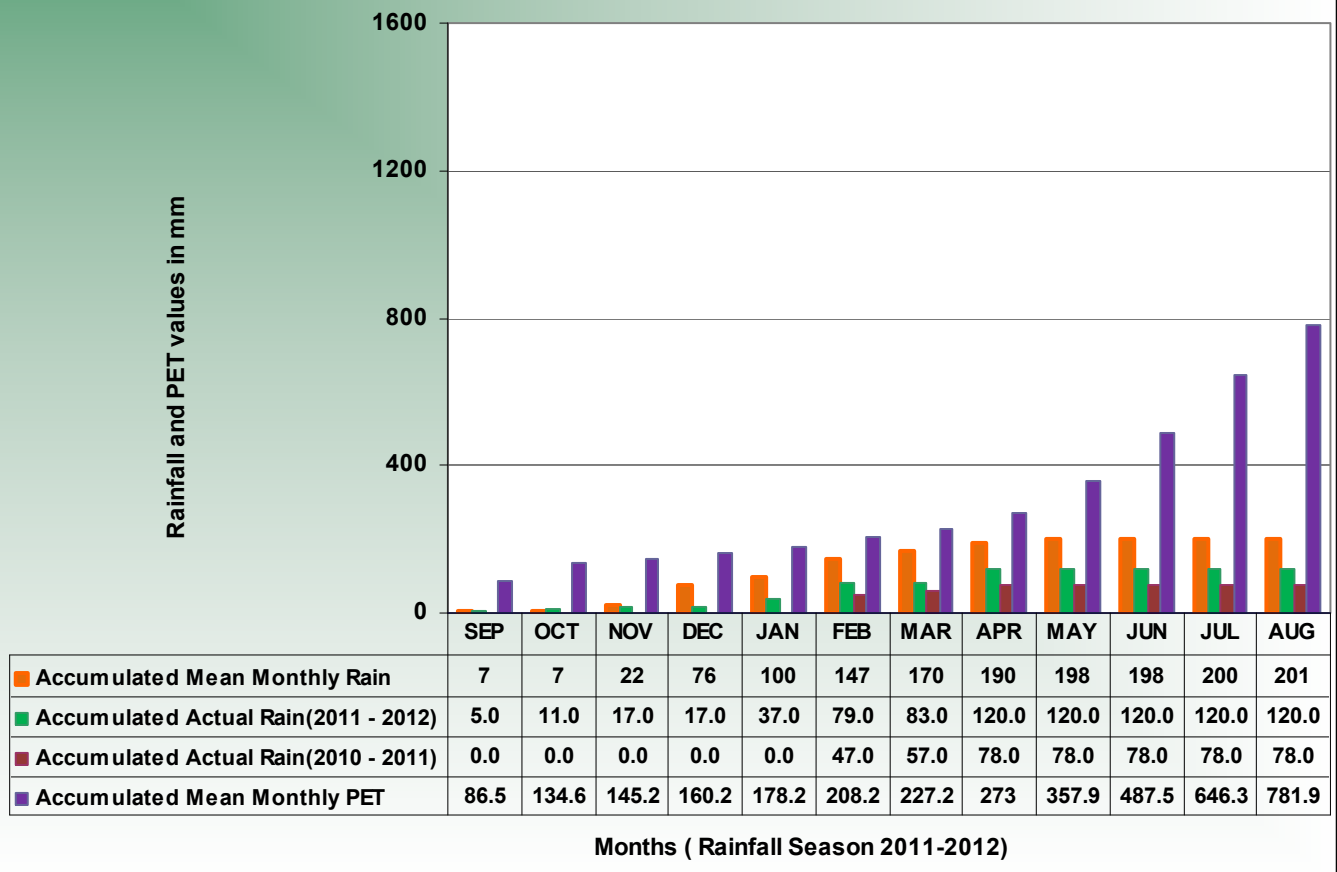
Cheghcharan: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (West)



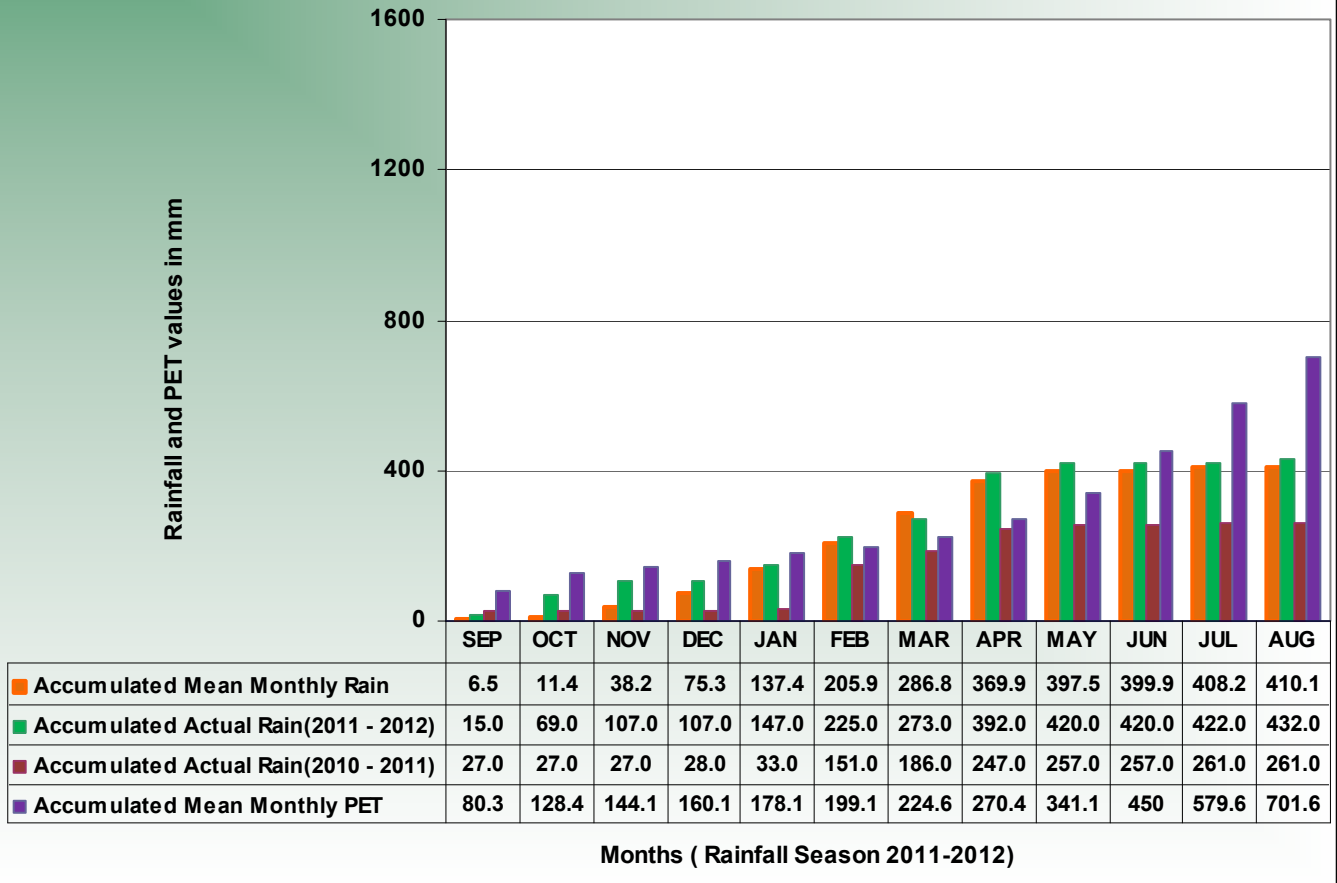
Gardiz: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (South East)



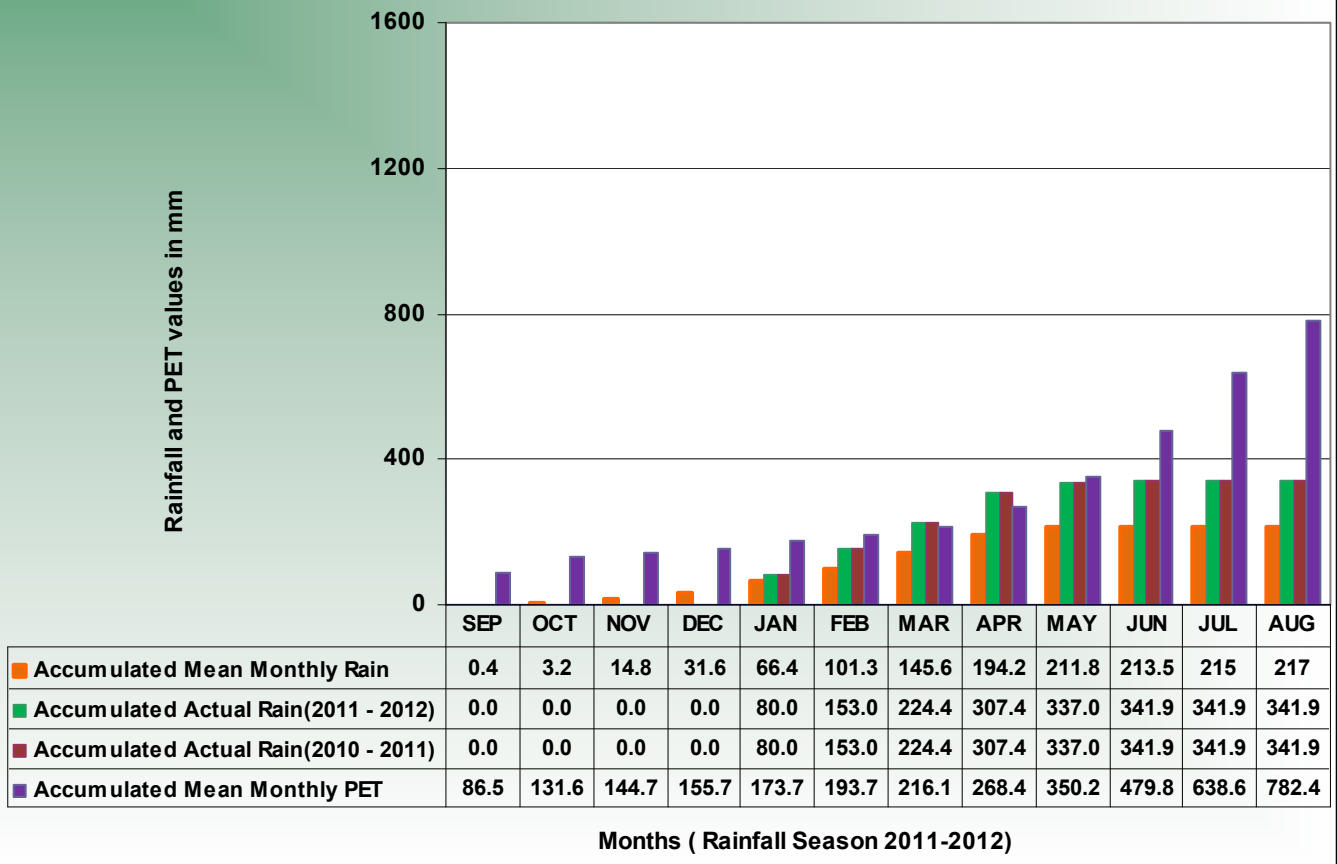
Muqor: Comparison of Accumulated Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (South East)



Paghaman: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (Central)

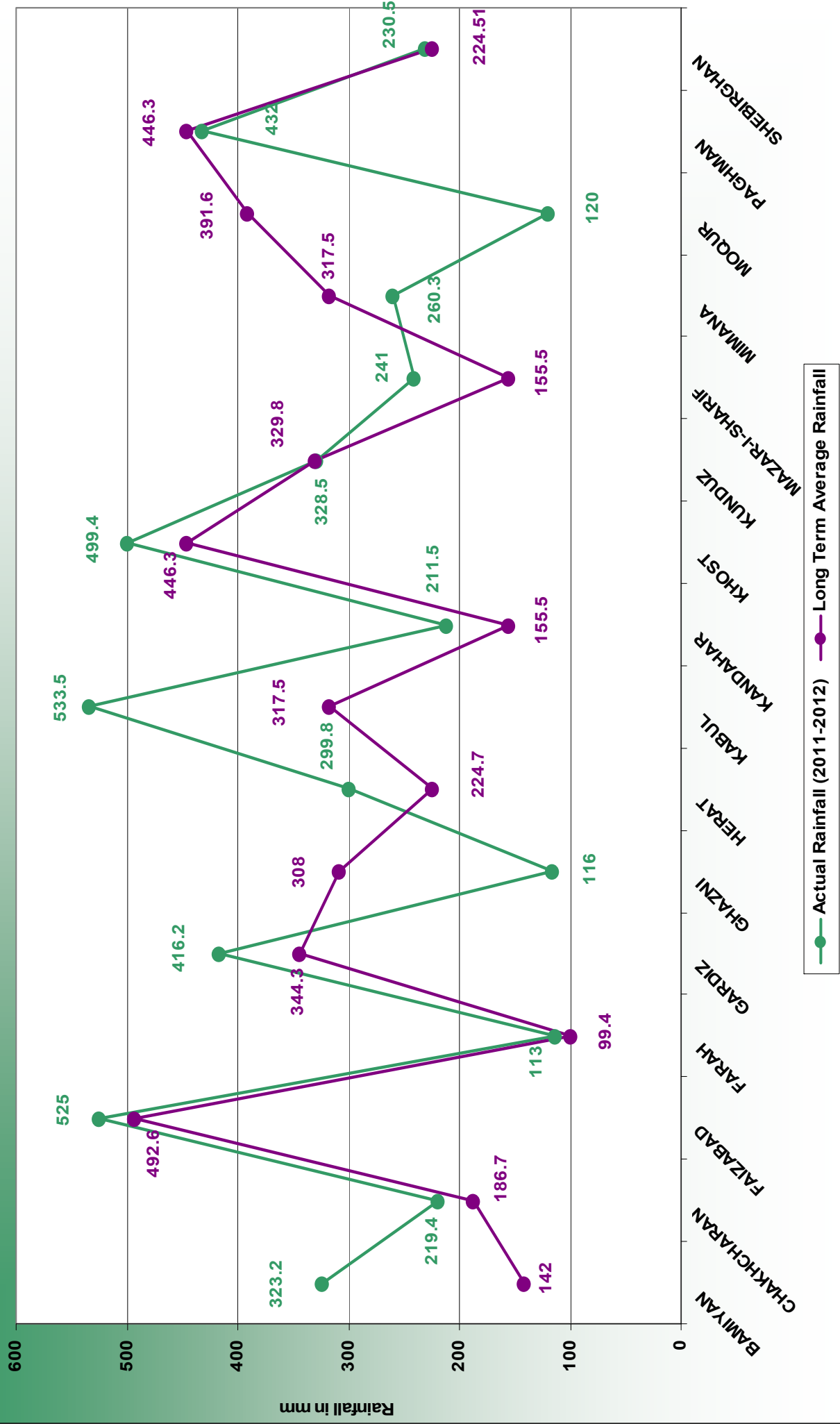


Logar: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2011 - 2012) and Accumulated PET (Central)



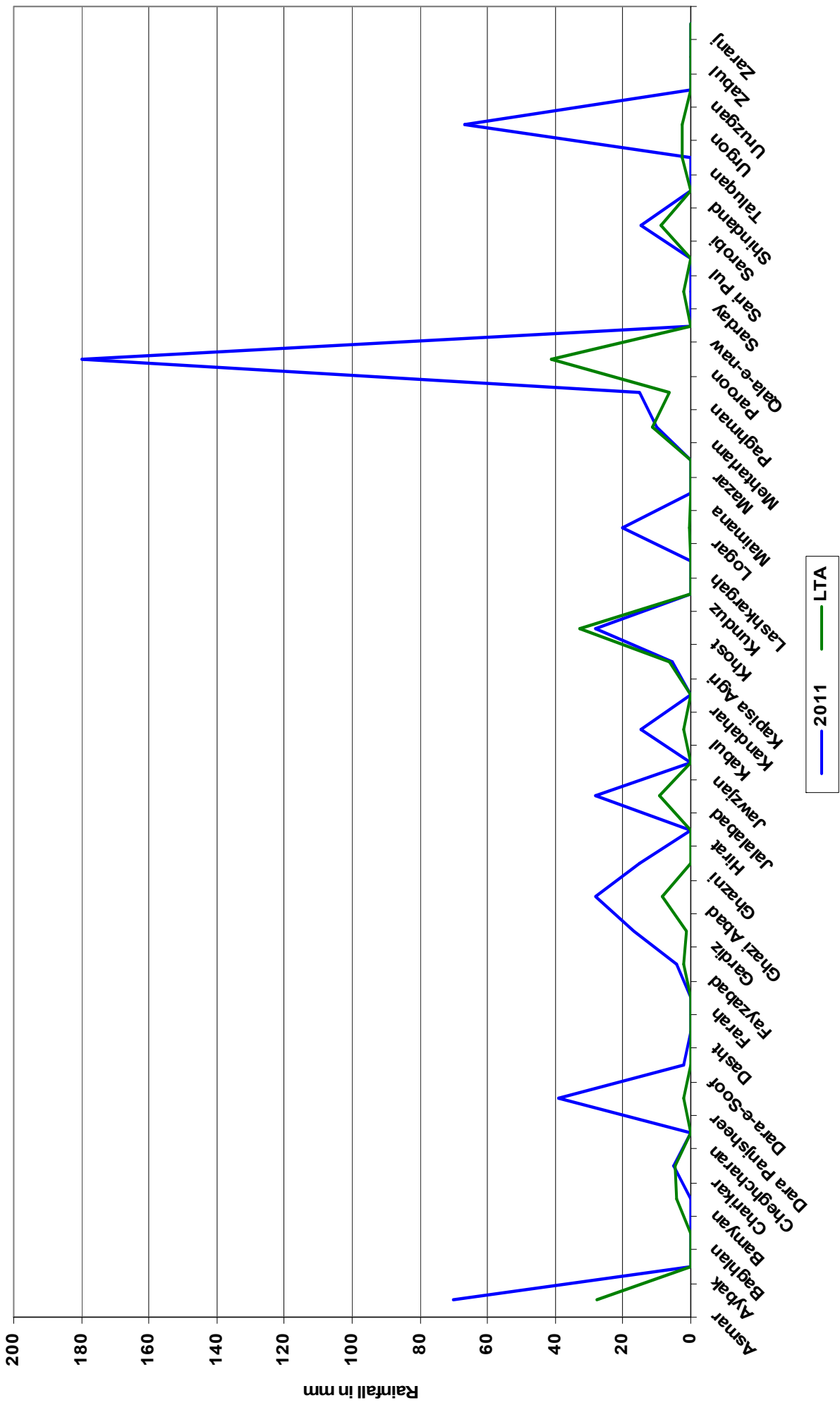
Seasonal Rainfall (mm) (2010- 2011)
Compared to
Long-Term Average

Comparison of Actual Yearly Rainfall (2011 - 2012) with Long Term Average

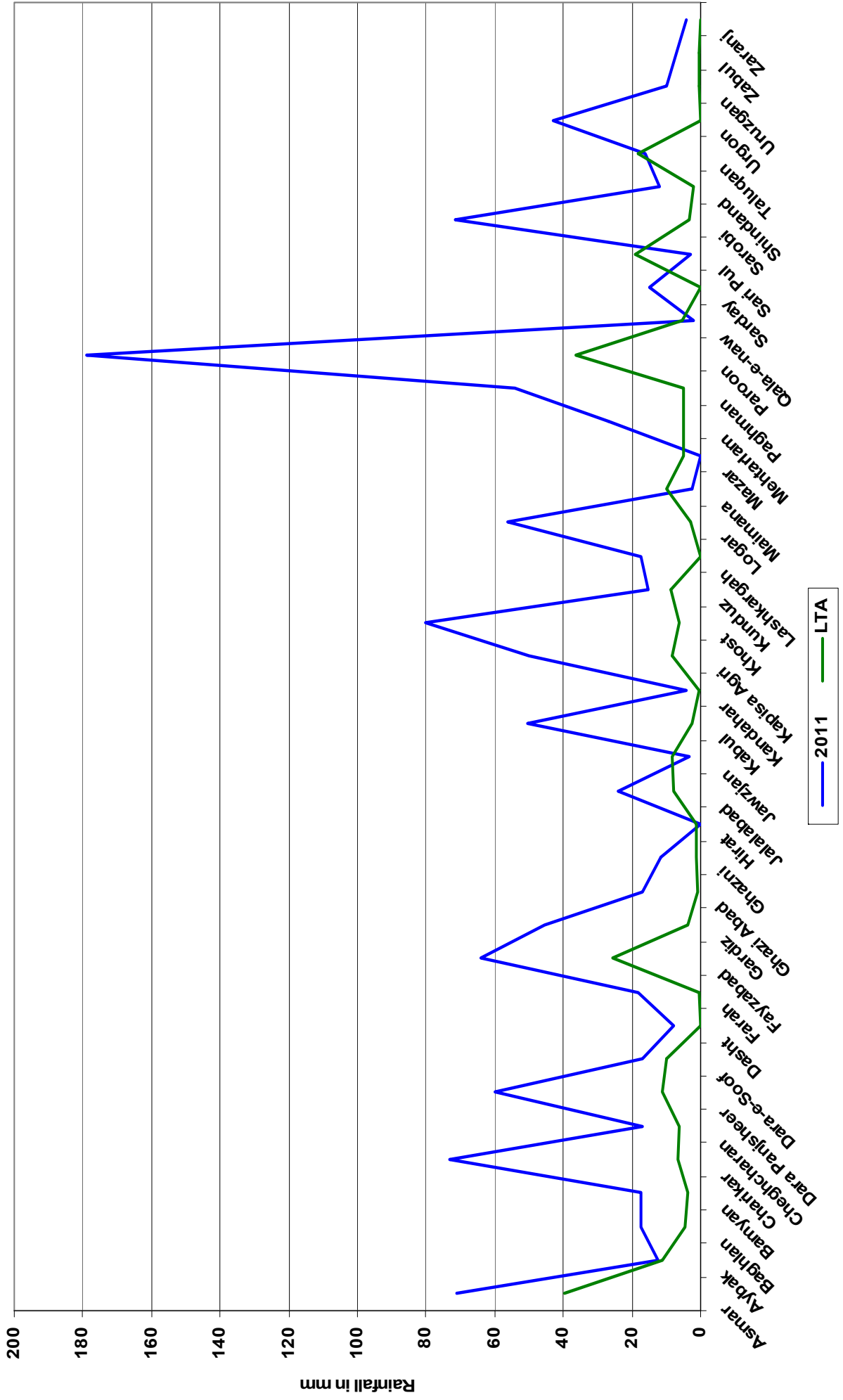


Monthly Rainfall Comparison
With
Long Term Average

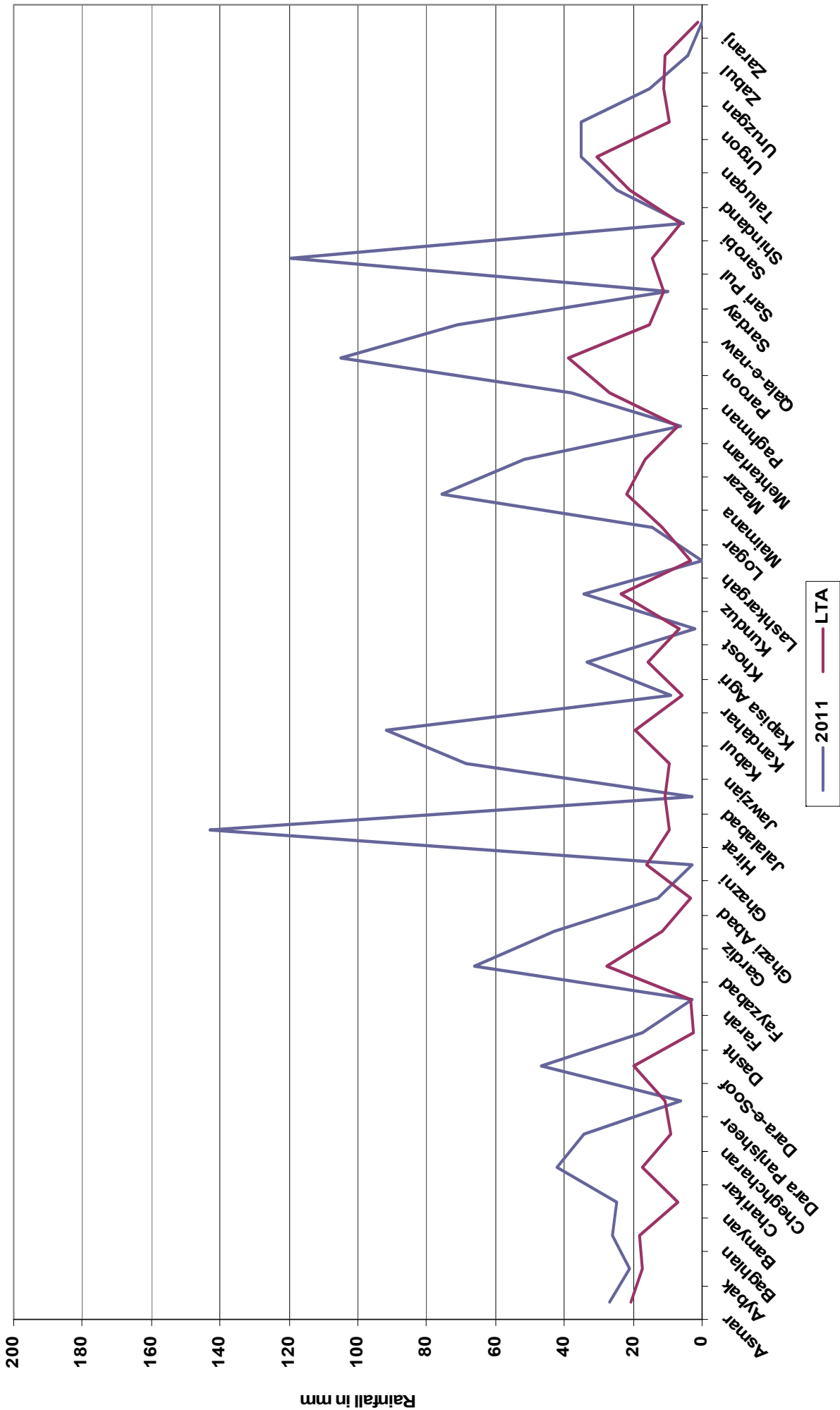
September



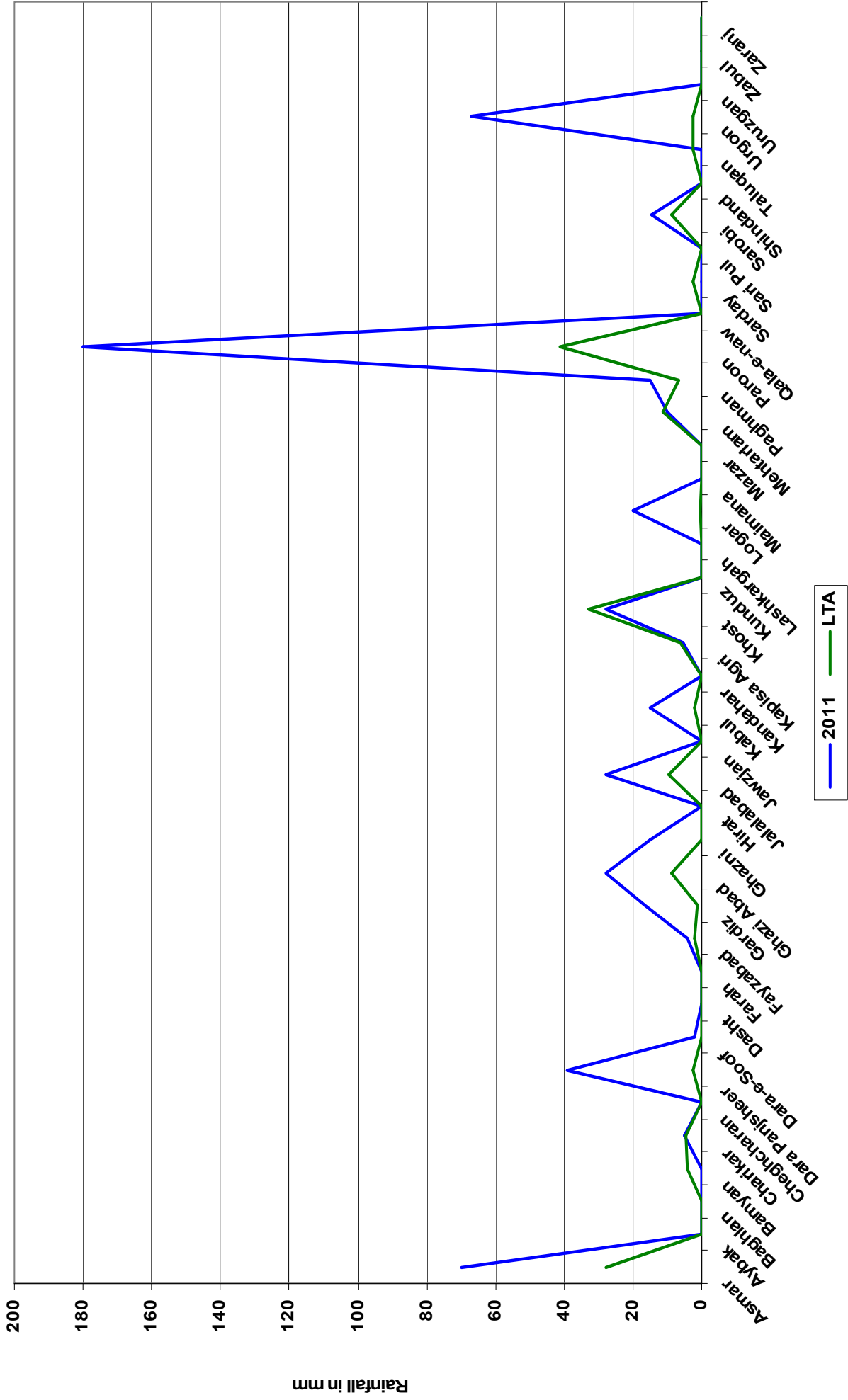
October



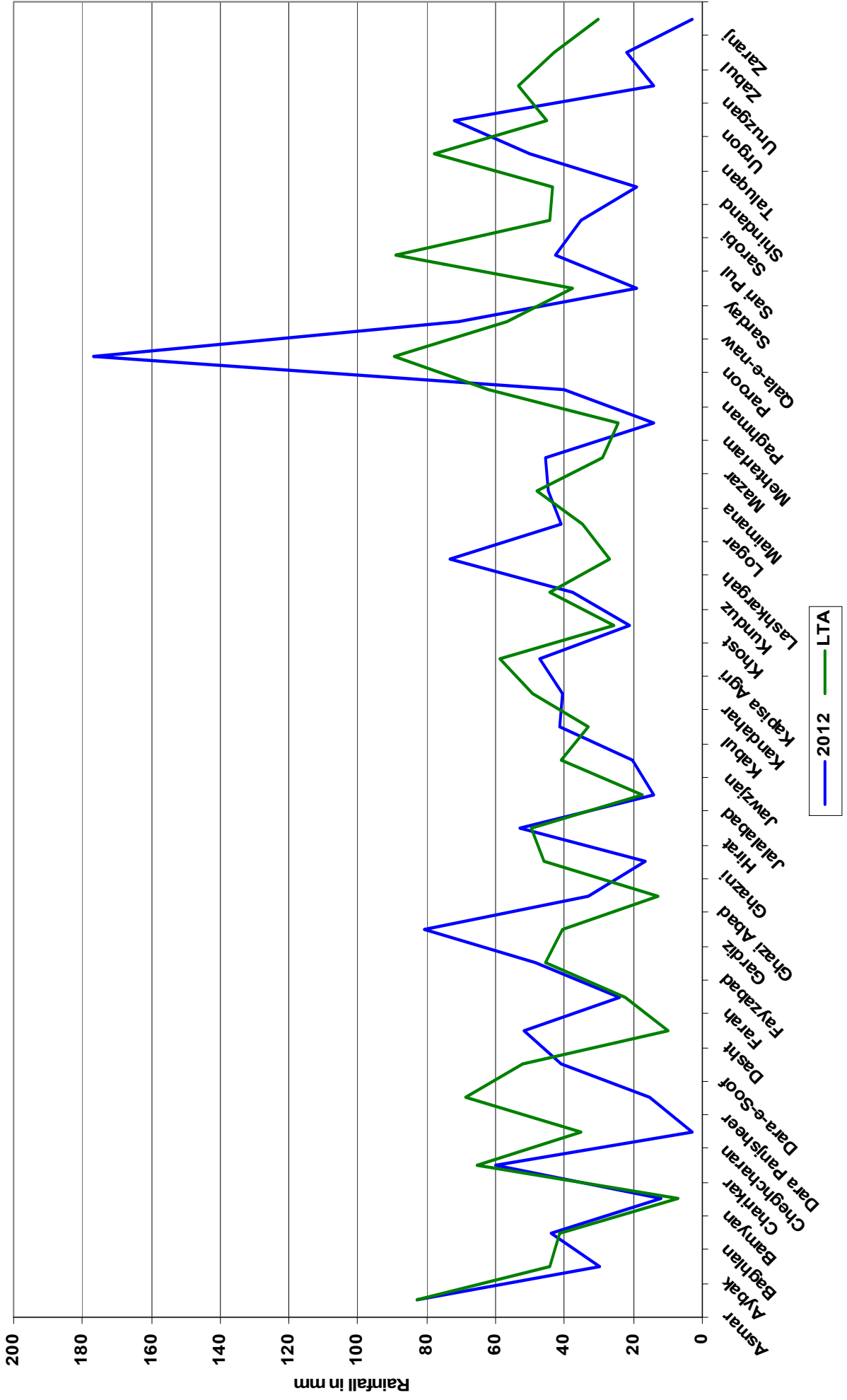
November



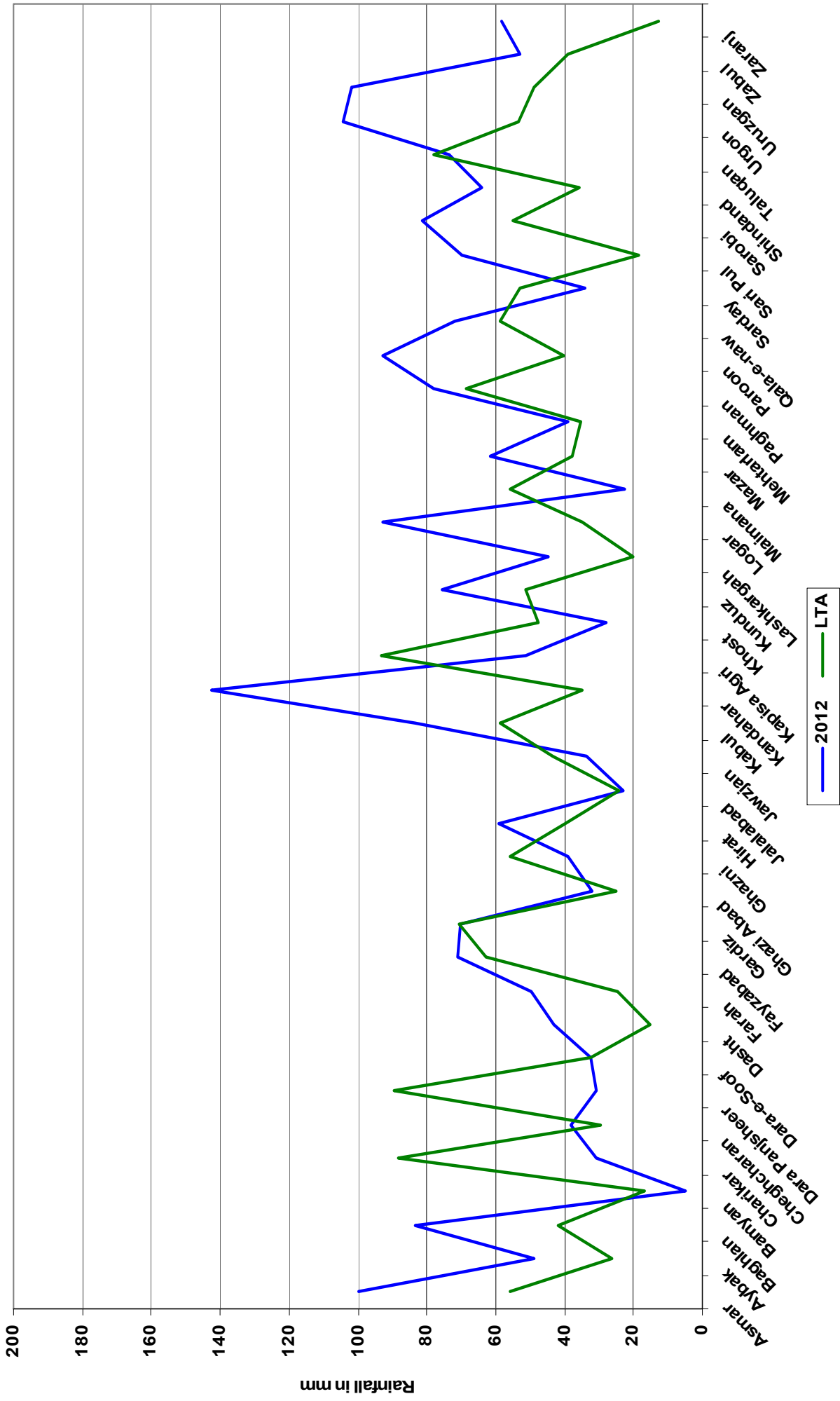
December



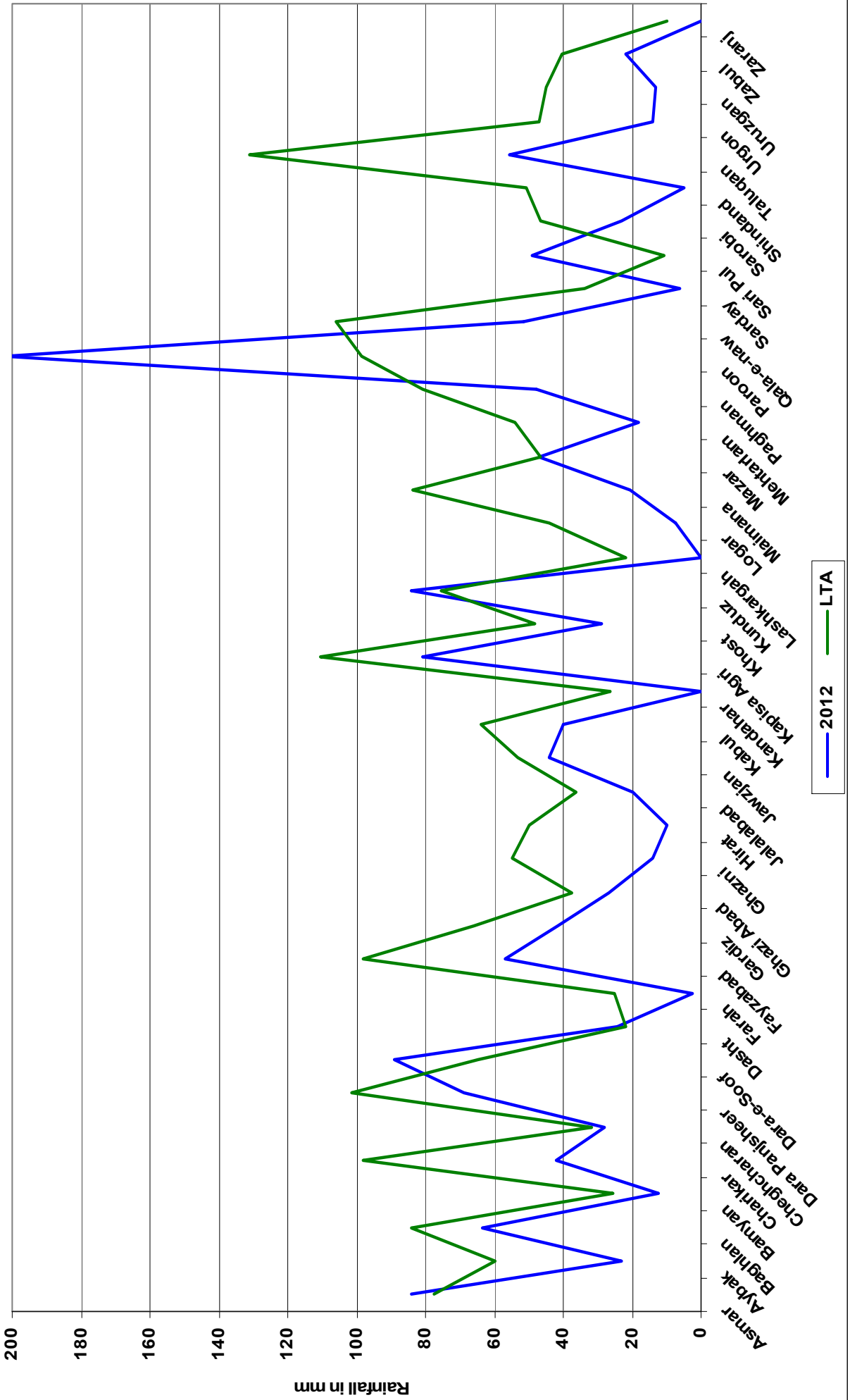
January



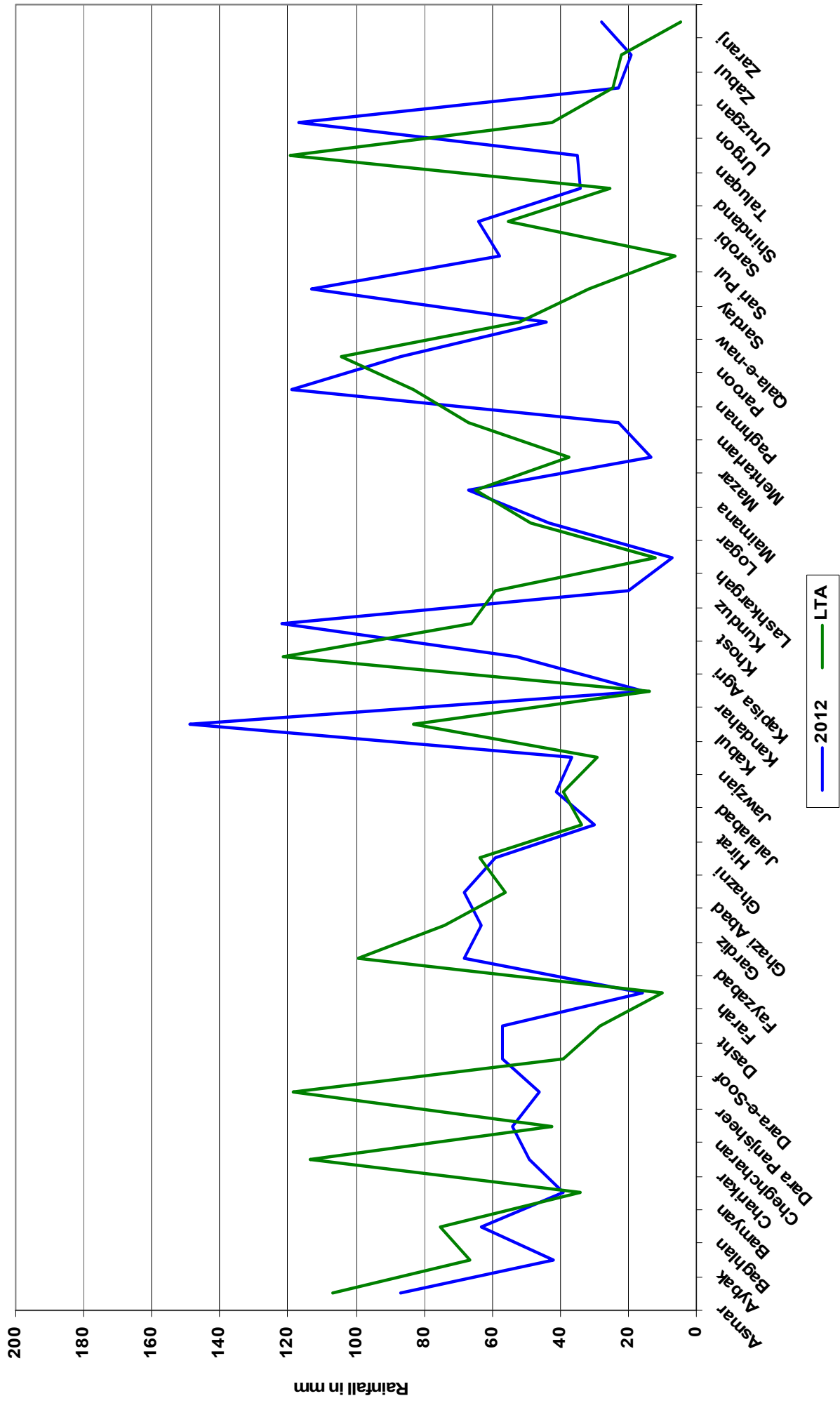
February



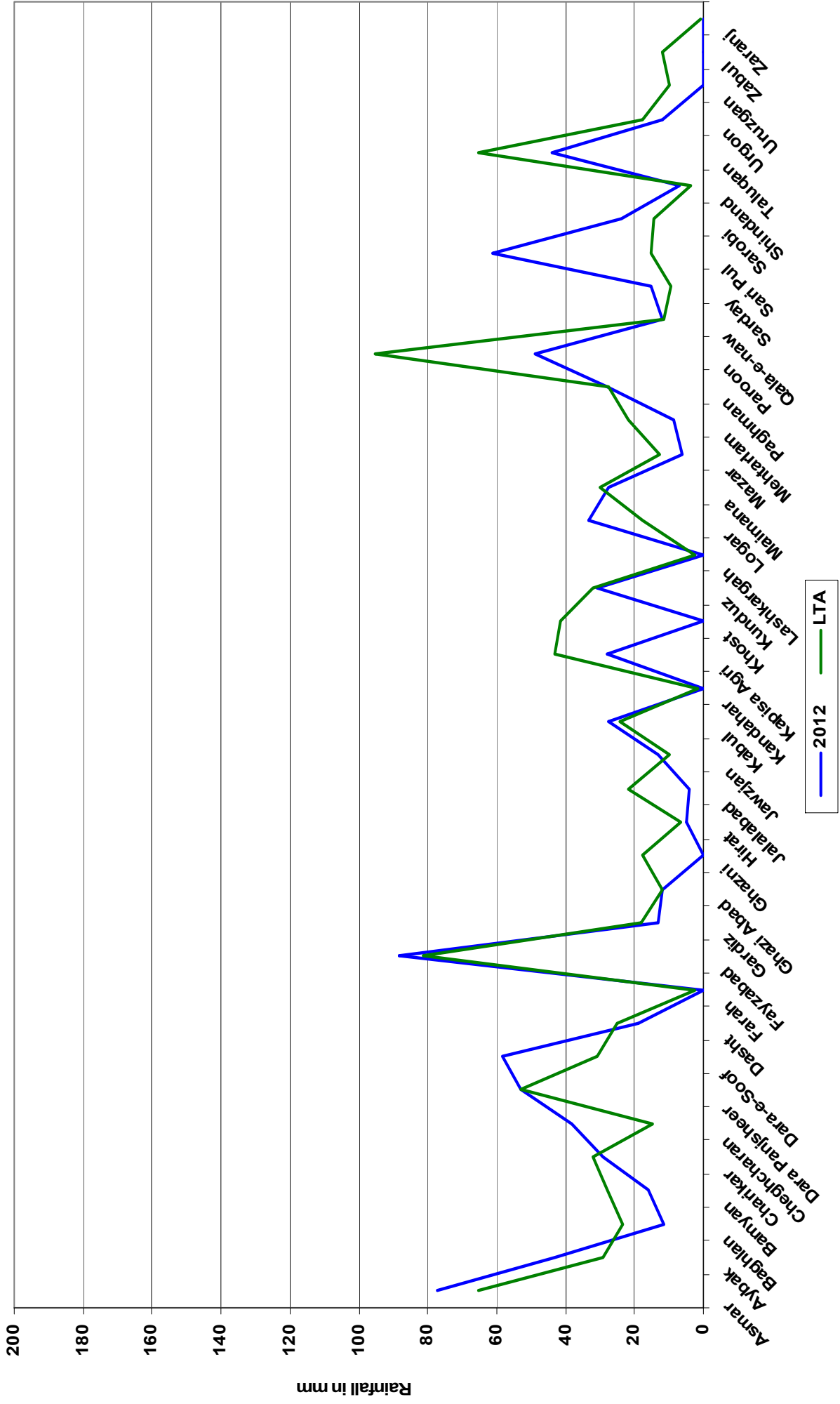
March



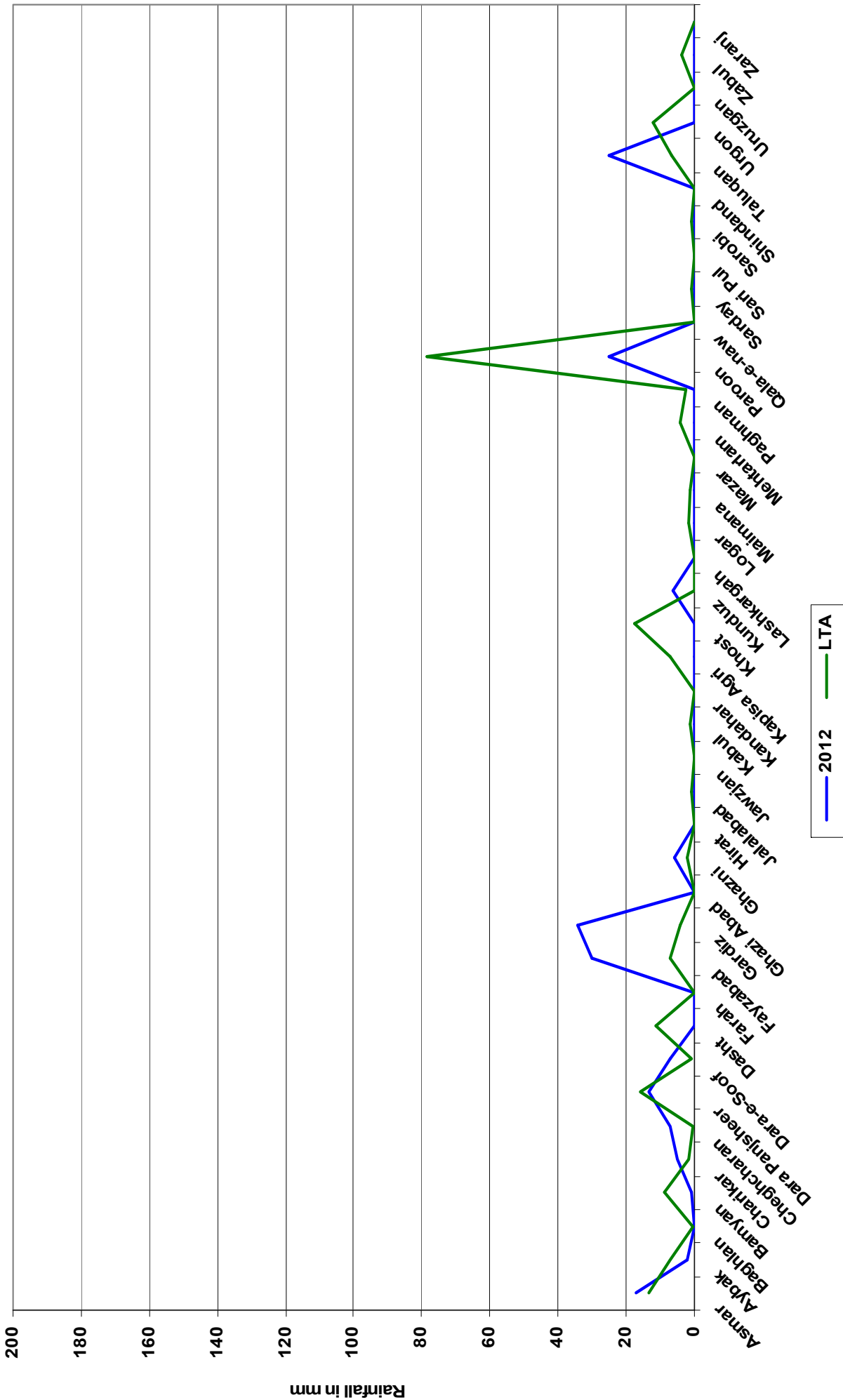
April



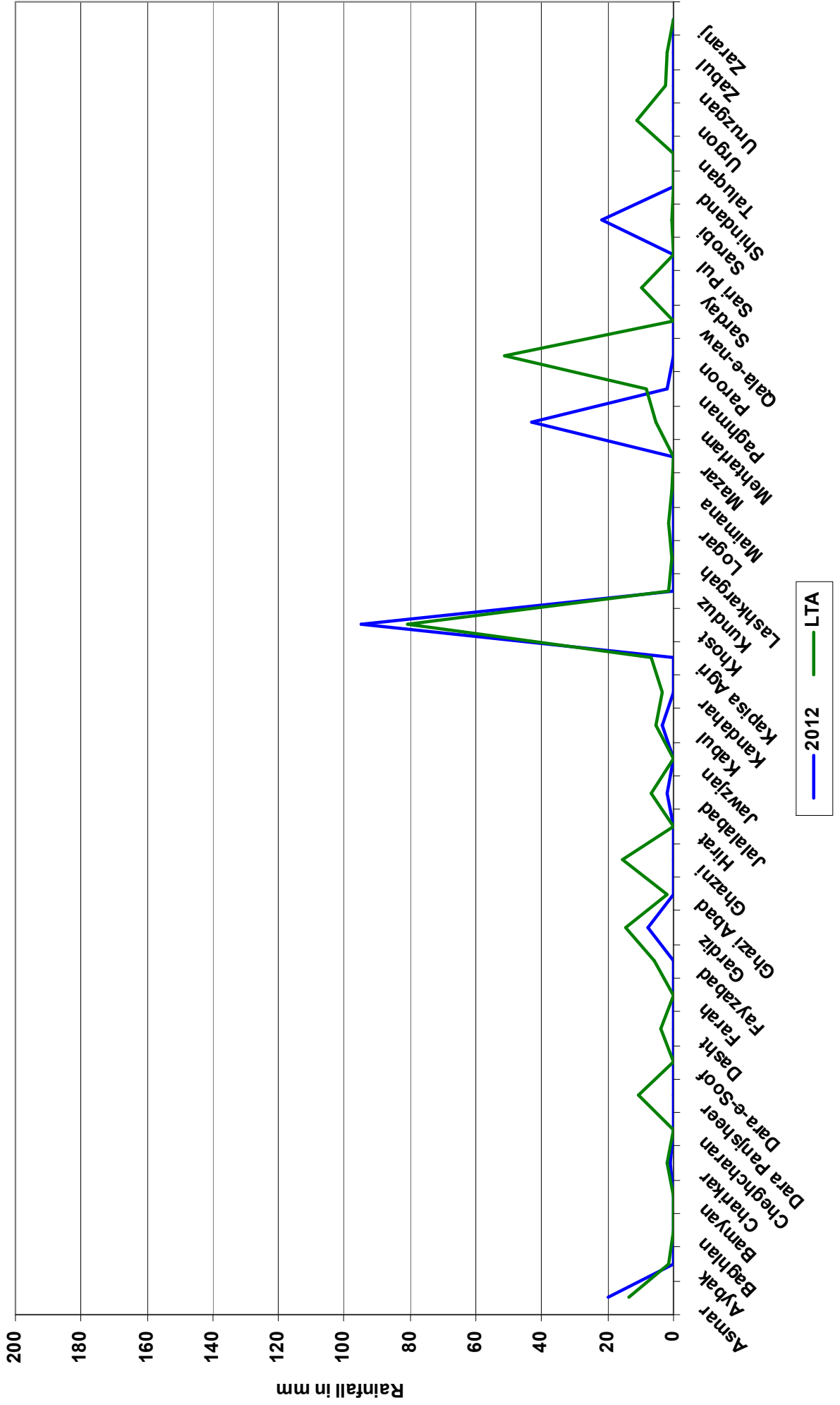
May



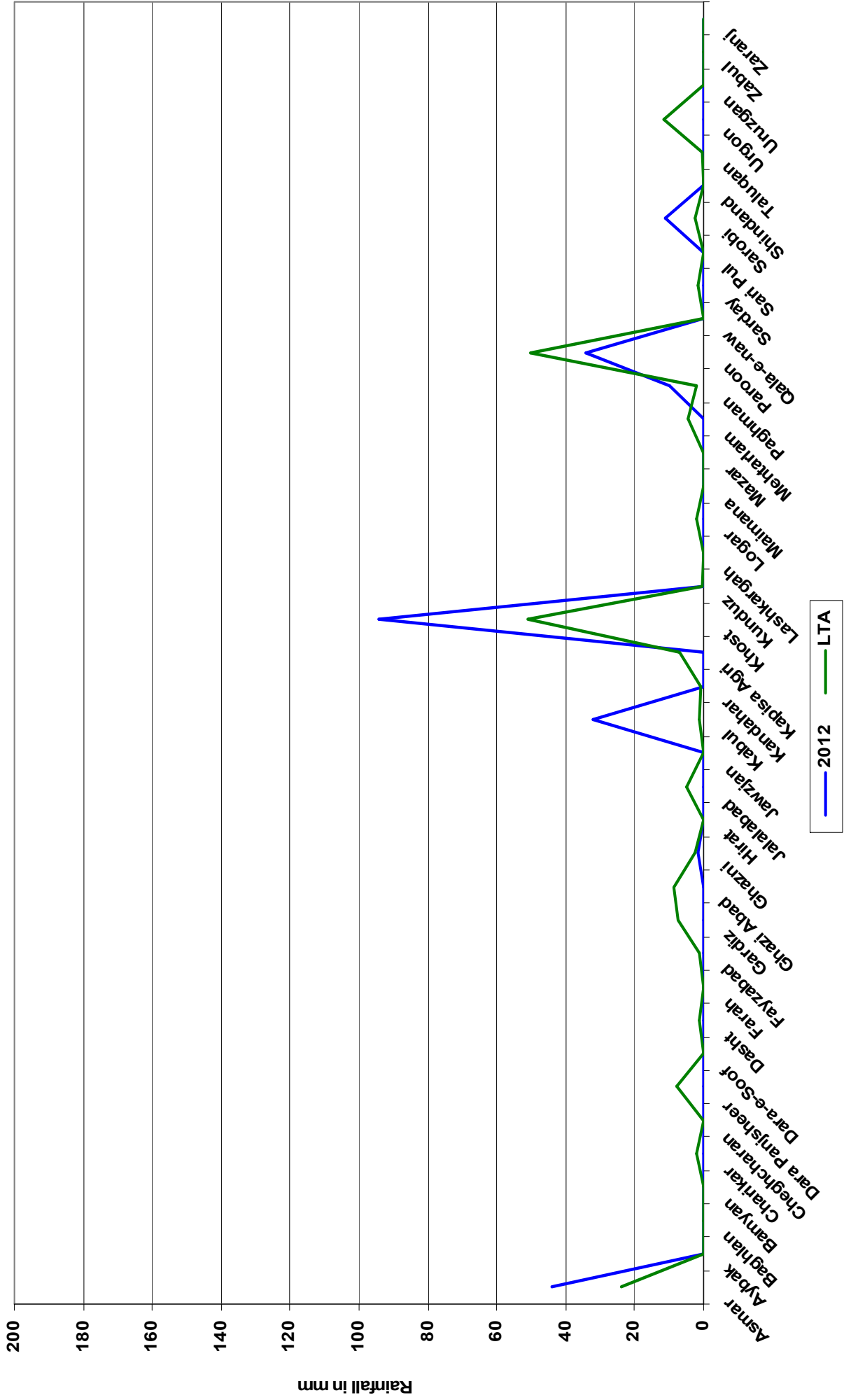
June



July



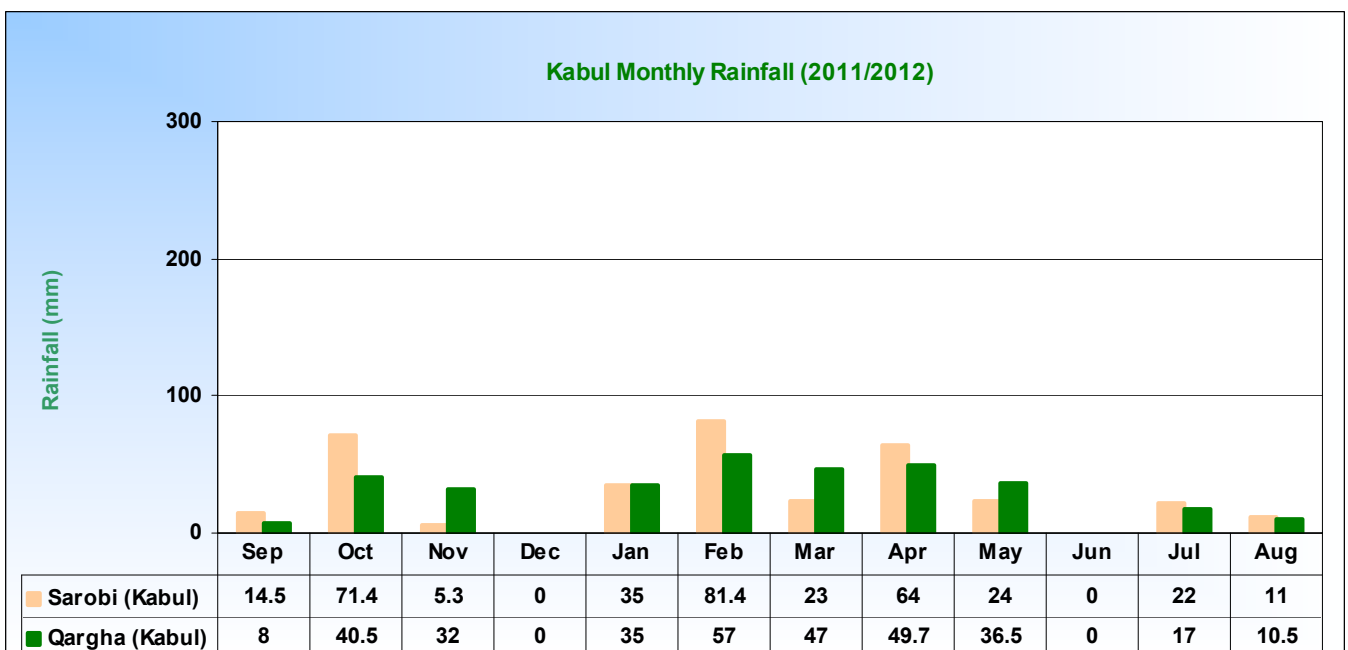
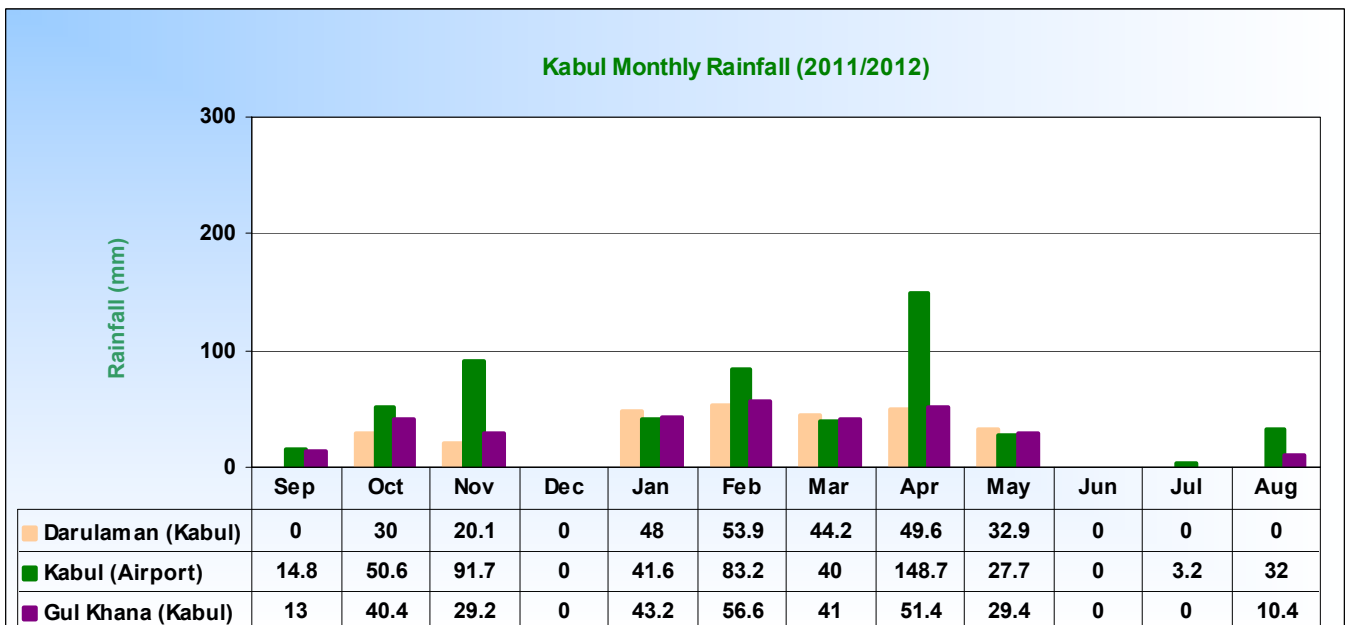
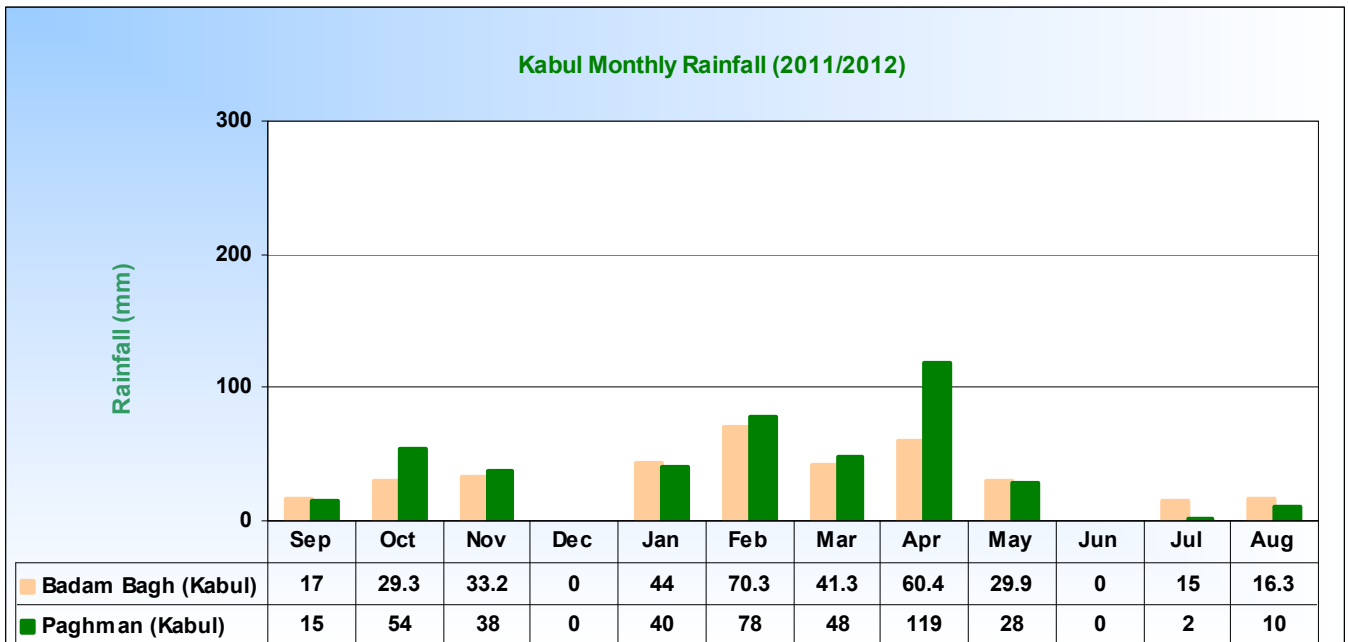
August



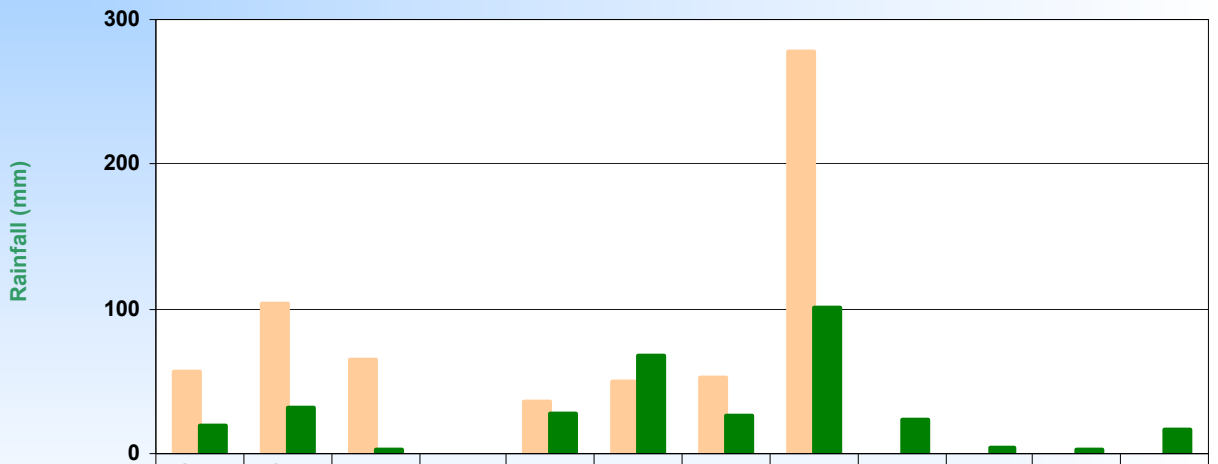
**Dekadal Rainfall (mm) Graphs for
Season (2011-2012)
By Region**

Dekadal Rainfall Graphs by Region

Capital Region

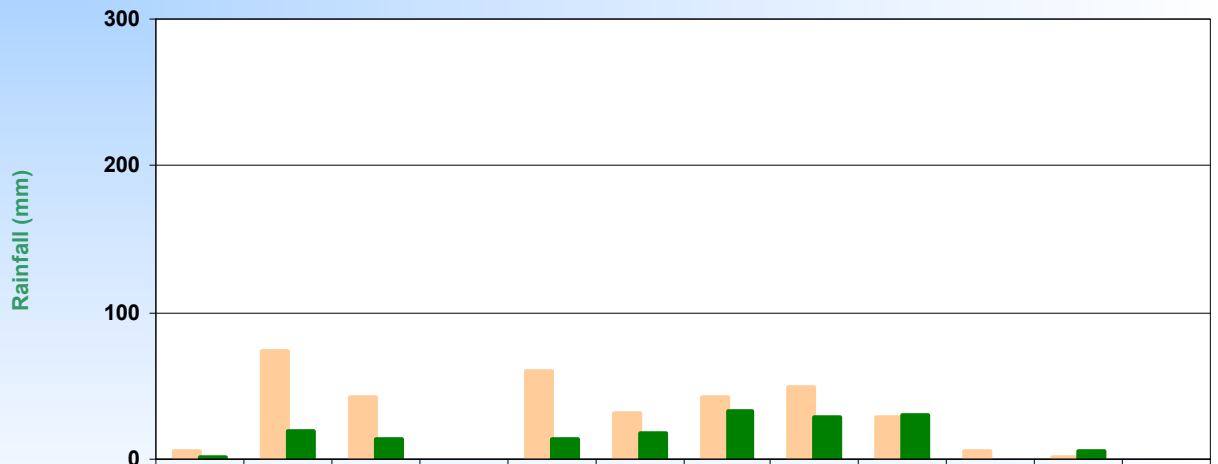


Wardak Monthly Rainfall (2011/2012)



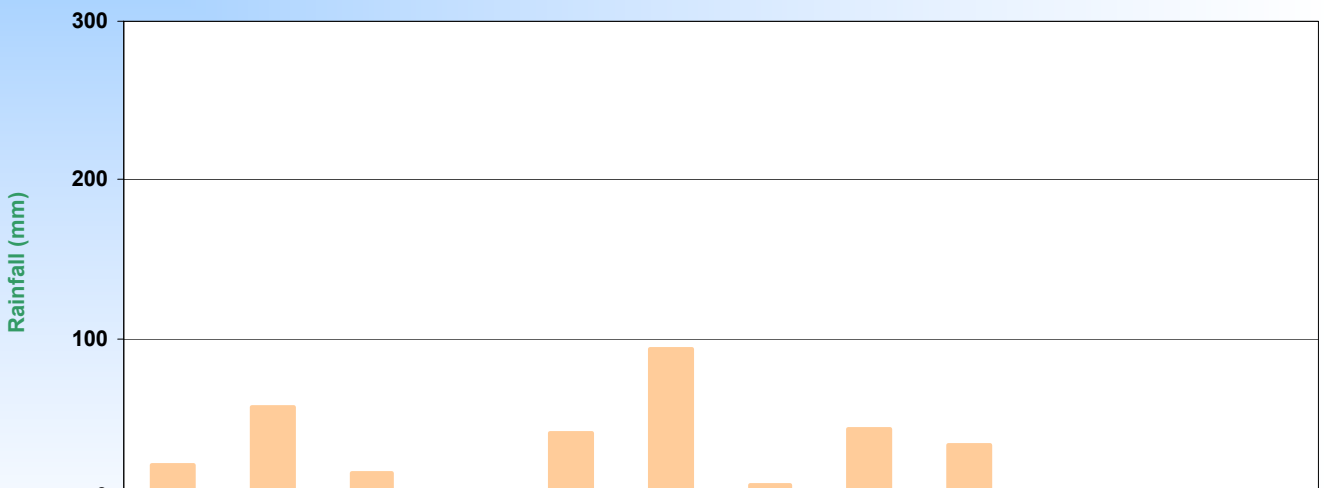
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Jaghatoo (Wardak)	56	104	65	0	36	50	53	278				
Maidan (Wardak)	19	31.3	2.6	0	28.2	67.9	26.5	101.5	23.9	3.8	2.8	16.4

Parwan Monthly Rainfall (2011/2012)



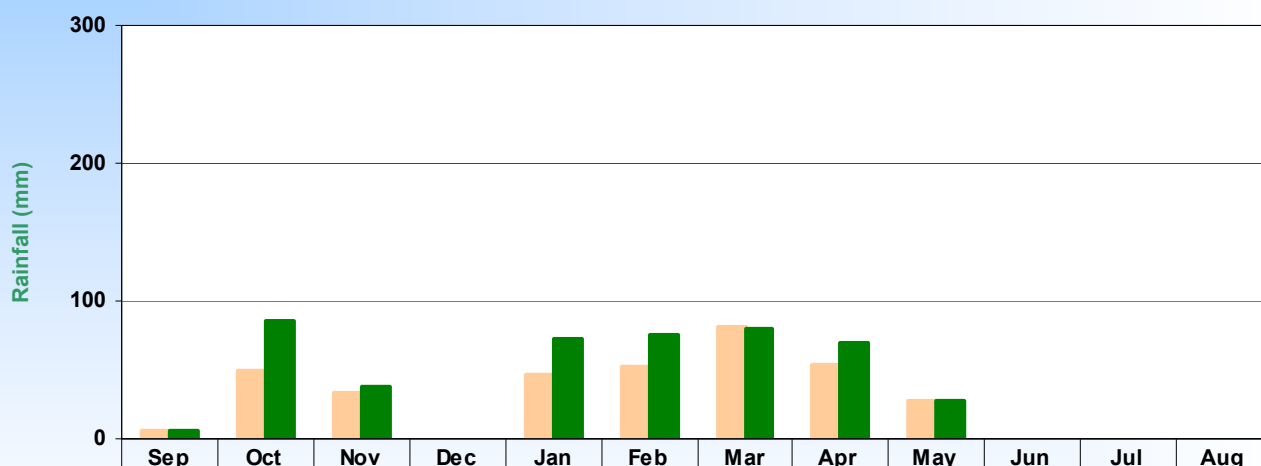
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Charikar (Parwan)	5	73	42	0	60	31	42	49	29	5	1	0
Seya Gerd (Parwan)	1	19	14	0	13	18	33	28	29.5	0	5	0

Logar Monthly Rainfall (2011/2012)



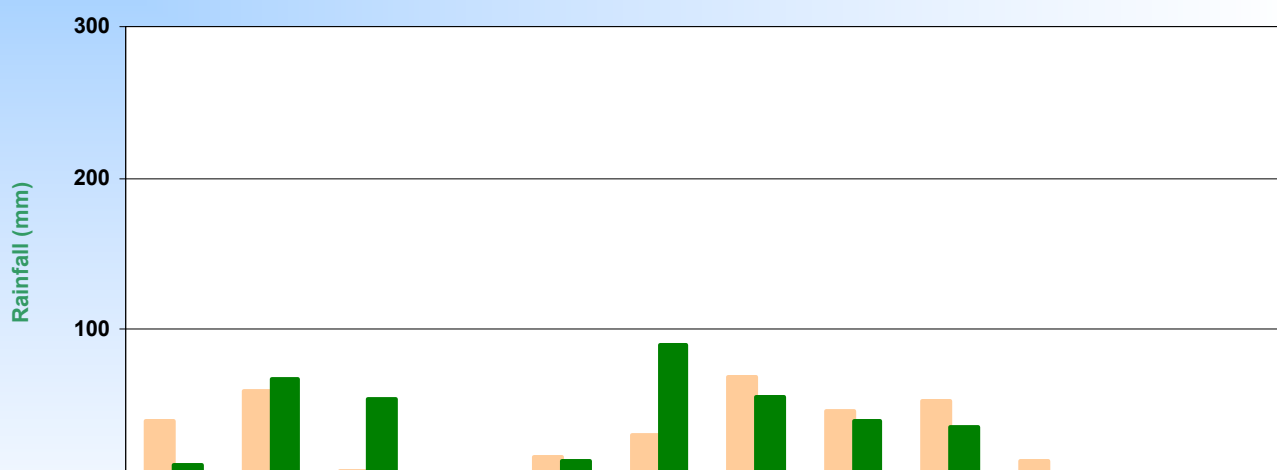
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Logar	20	56.3	14.6	0	40.9	92.7	7.6	43.4	33.1	0	0	0

Kapisa Monthly Rainfall (2011/2012)



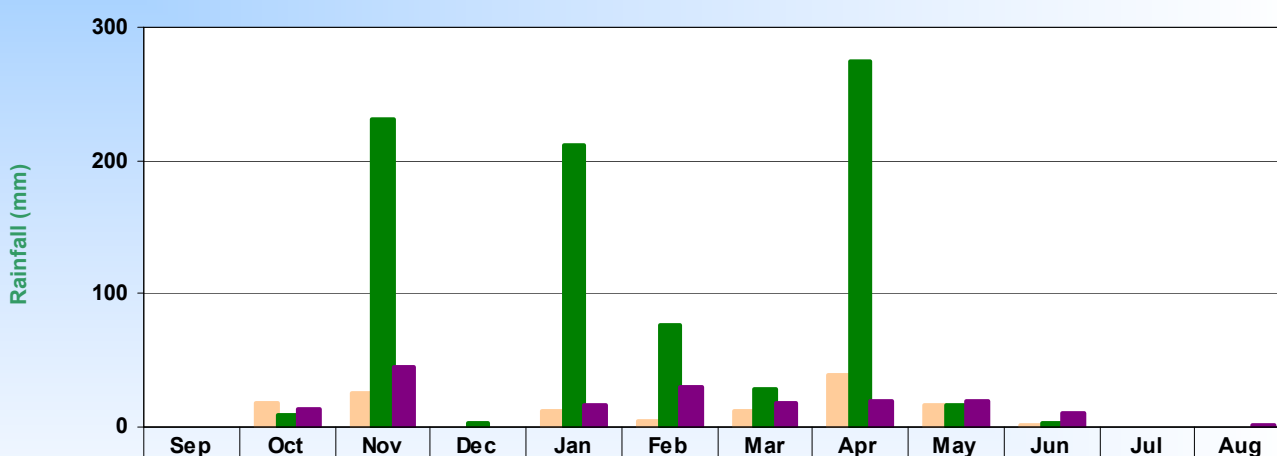
■ Kapisa	5.5	50	33.4	0	47	51.5	81	53	28	0	0	0
■ Kohestan	6	86	38	0	72	76	80	69	28.1	0	0	0

Panjshir Monthly Rainfall (2011/2012)



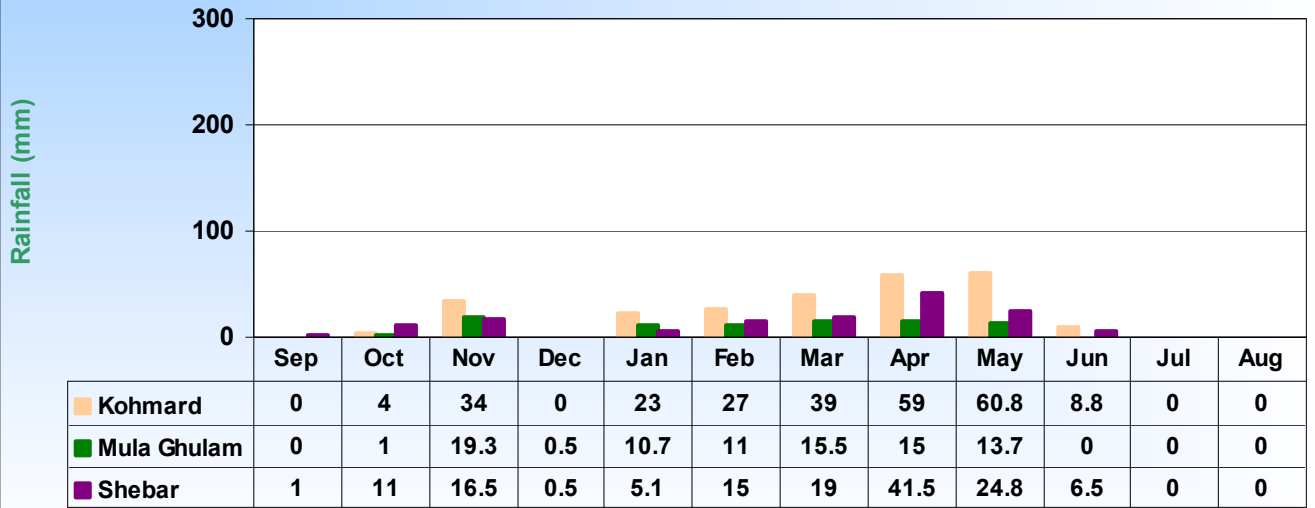
■ Panjshir	39	60	6	0	15.5	31	68.7	46.2	52.8	13.5	0	0
■ Dashtak	10	68	54	0	13	90.5	56	39	36	1	0	0

Bamyan Monthly Rainfall (2011/2012)



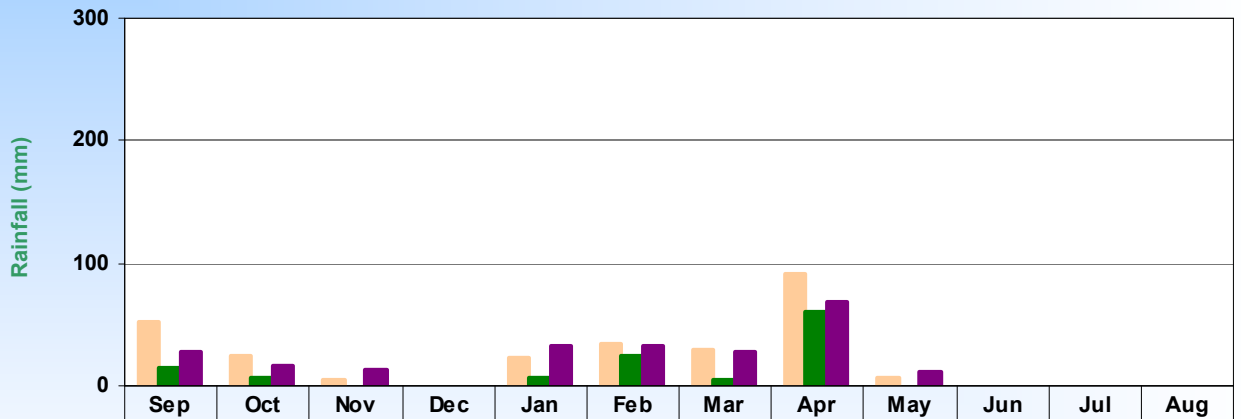
■ Bamyan	0	17.5	25	0.5	12	5	12.5	39	15.9	1	0	0
■ Panjab	0	9	231	3	211	77	29	274	17.2	3.7	0	0
■ Yakawlang	0	14	45	0	16	30	18	19	20	10	0	1

Bamyān Monthly Rainfall (2011/2012)



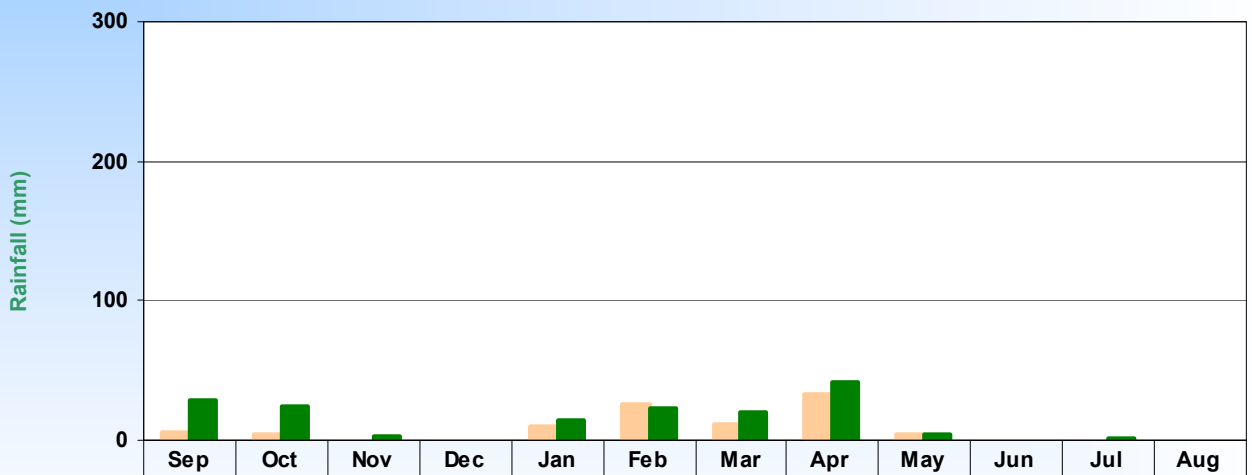
Eastern Region

Nangarhar Monthly Rainfall (2011/2012)



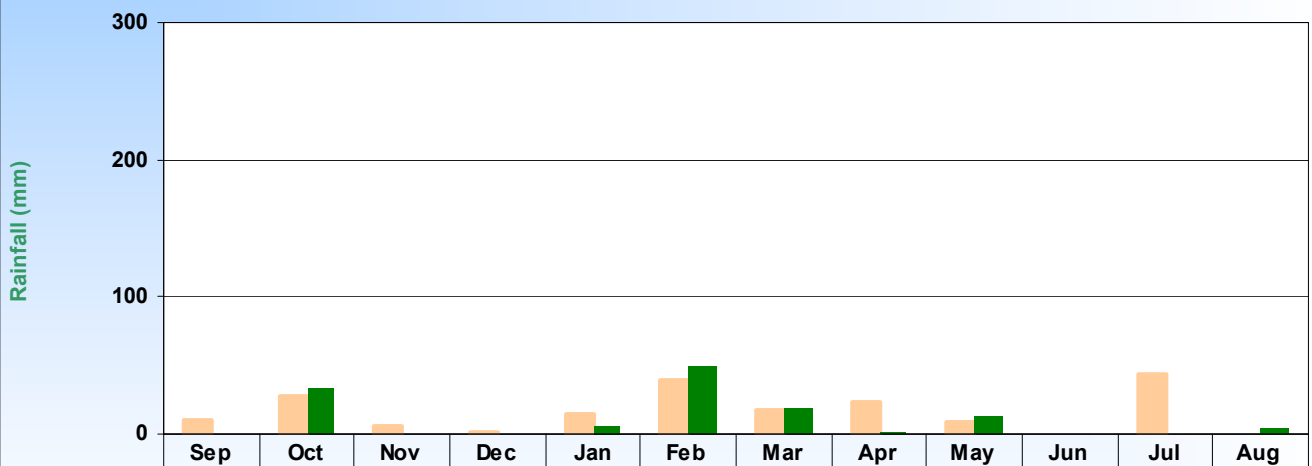
Agam	52	25	5	0	23	35	30	92	6	0	0	0
Farm Jadeed	14	6.5	0	0	6	24	5	61.1	0	0	0	0
Ghazi Abad	28	17	13	0	33	32	27	68	12	0	0	0

Nangarhar Monthly Rainfall (2011/2012)



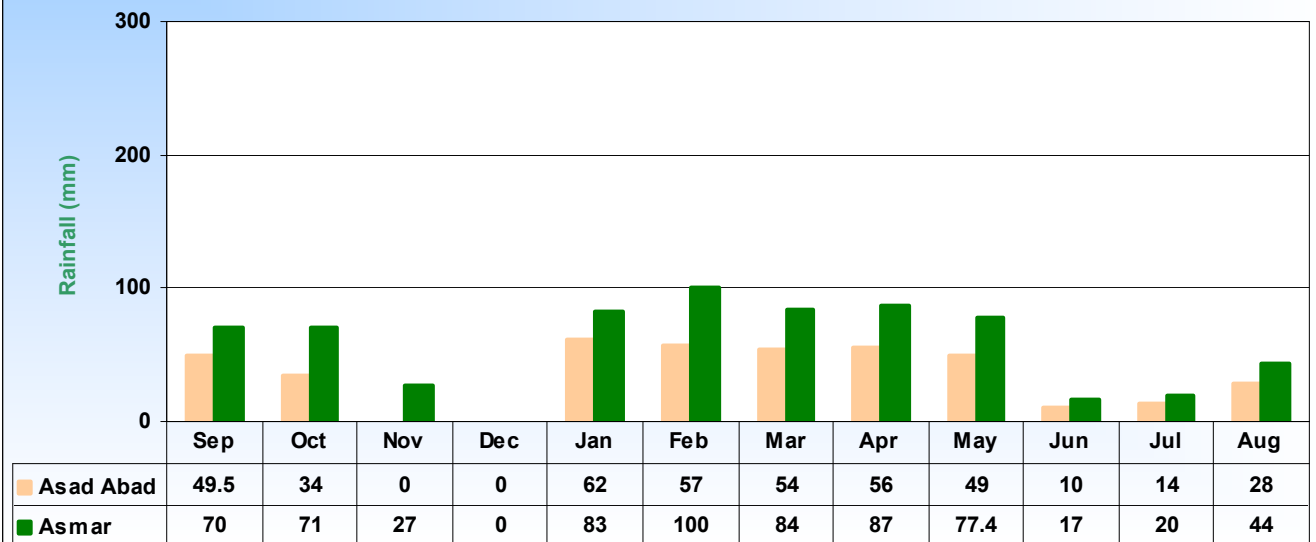
Sheshambagh	6	5	0	0	10	26.5	12	33.4	4	0	0	0
Jalalabad	28	24	3	0	14	23	20	41	4	0	2	0

Laghman Monthly Rainfall (2011/2012)

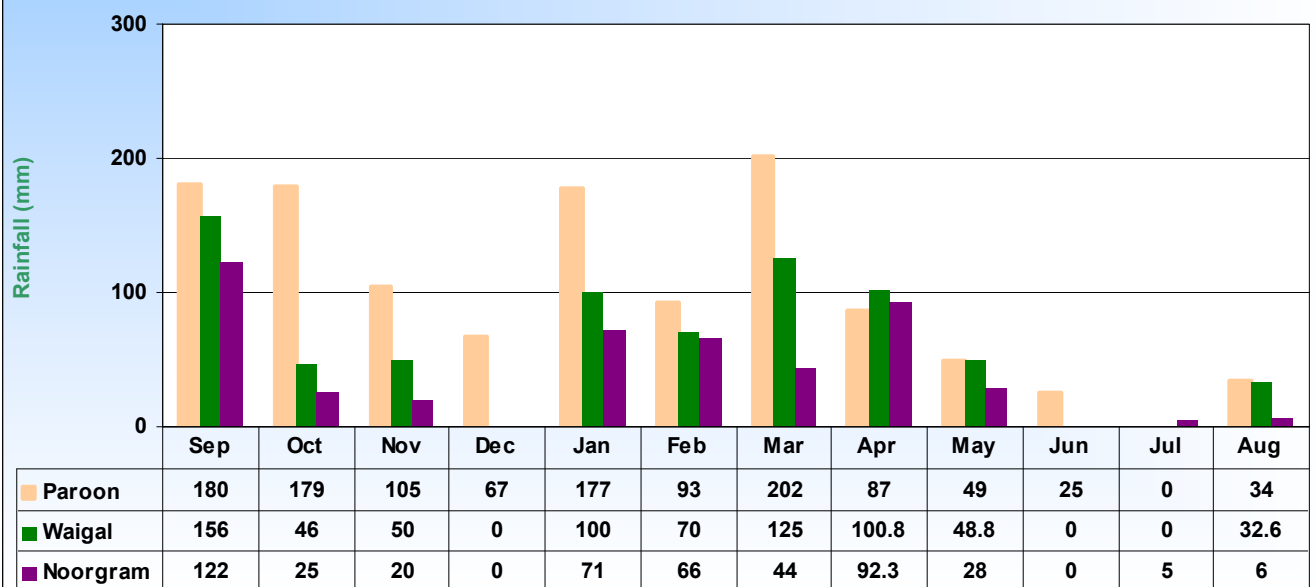


Mehtarlam	10	27	6	1	14	39	18	23	8.6	0	43	0
Qarghayi	0	34	0	0	6.3	49.9	19.3	2.1	13.6	0	0	4.7

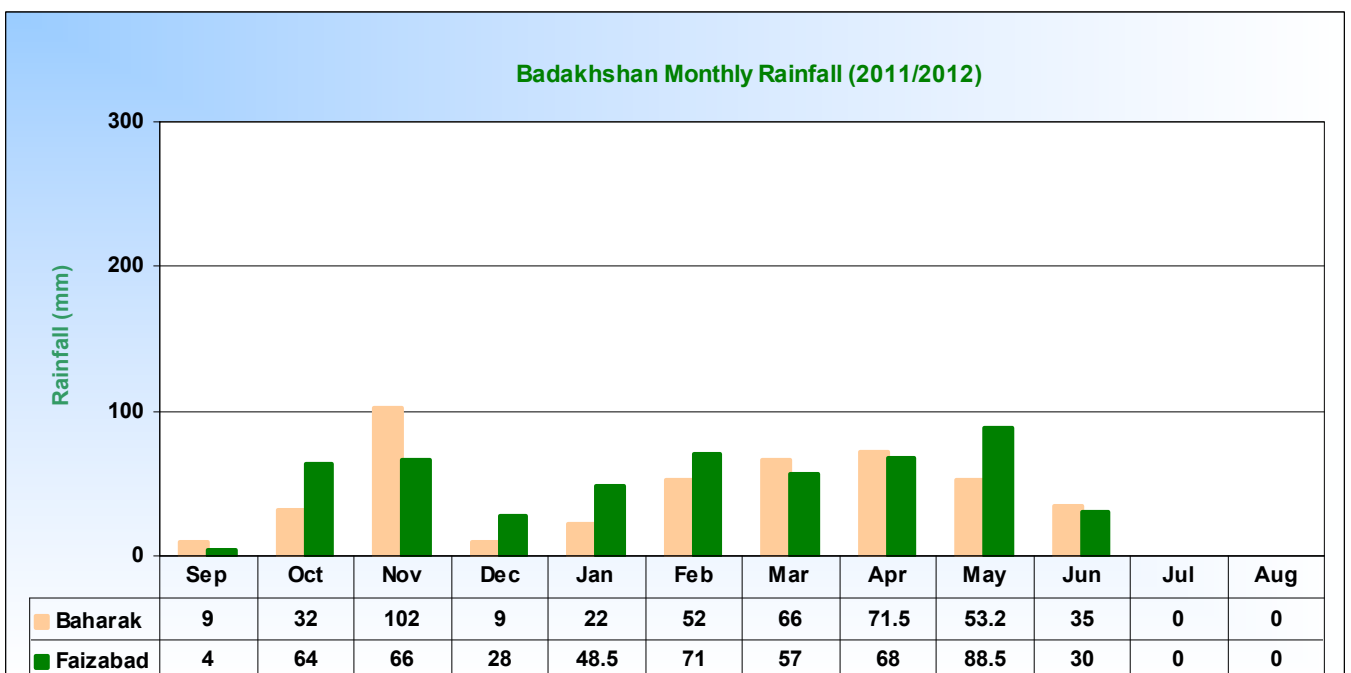
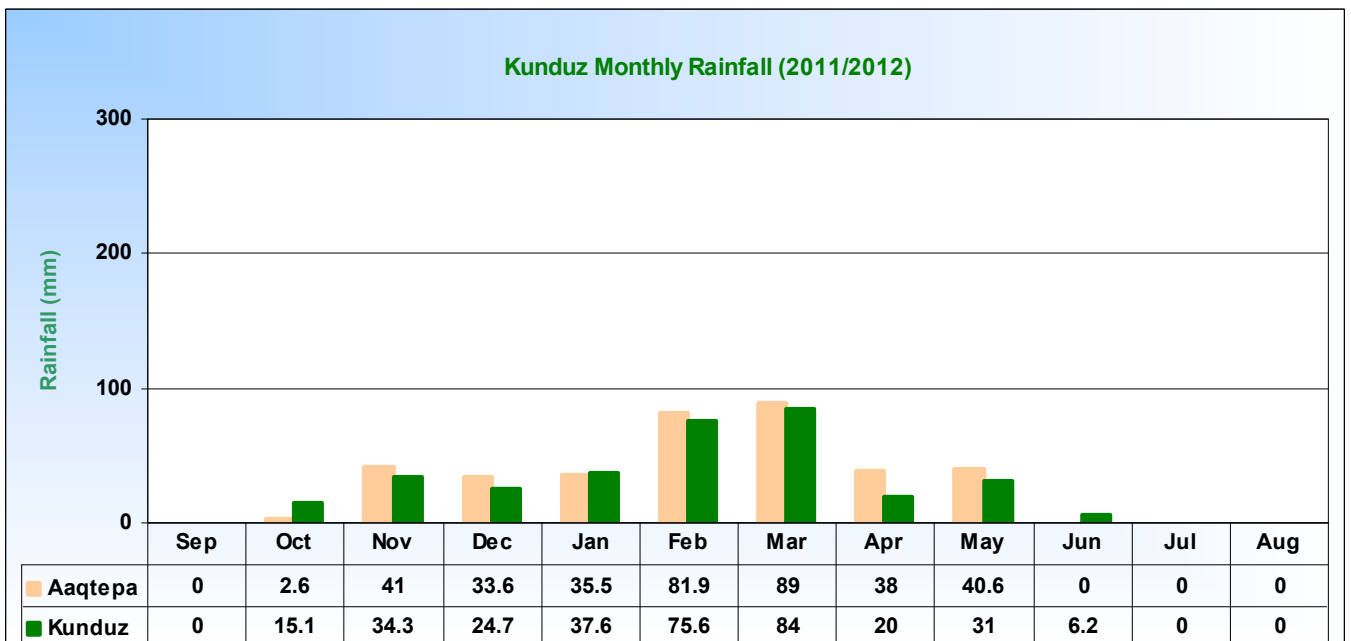
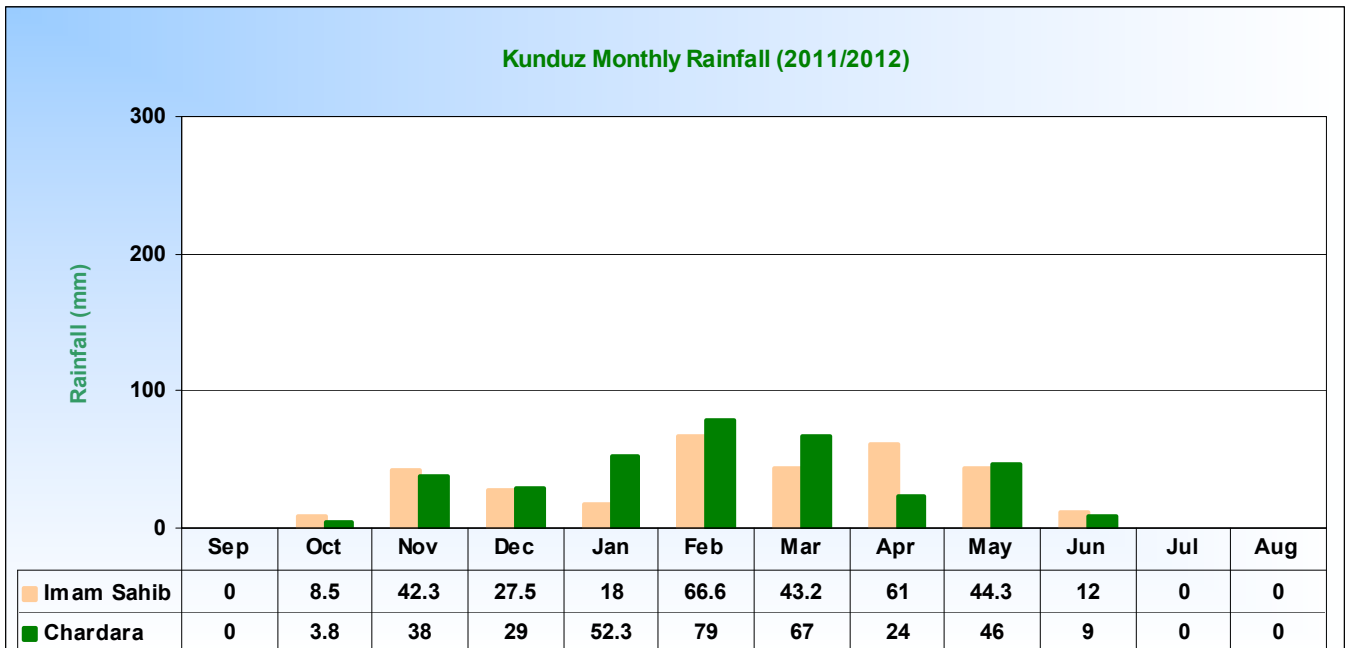
Kunar Monthly Rainfall (2011/2012)



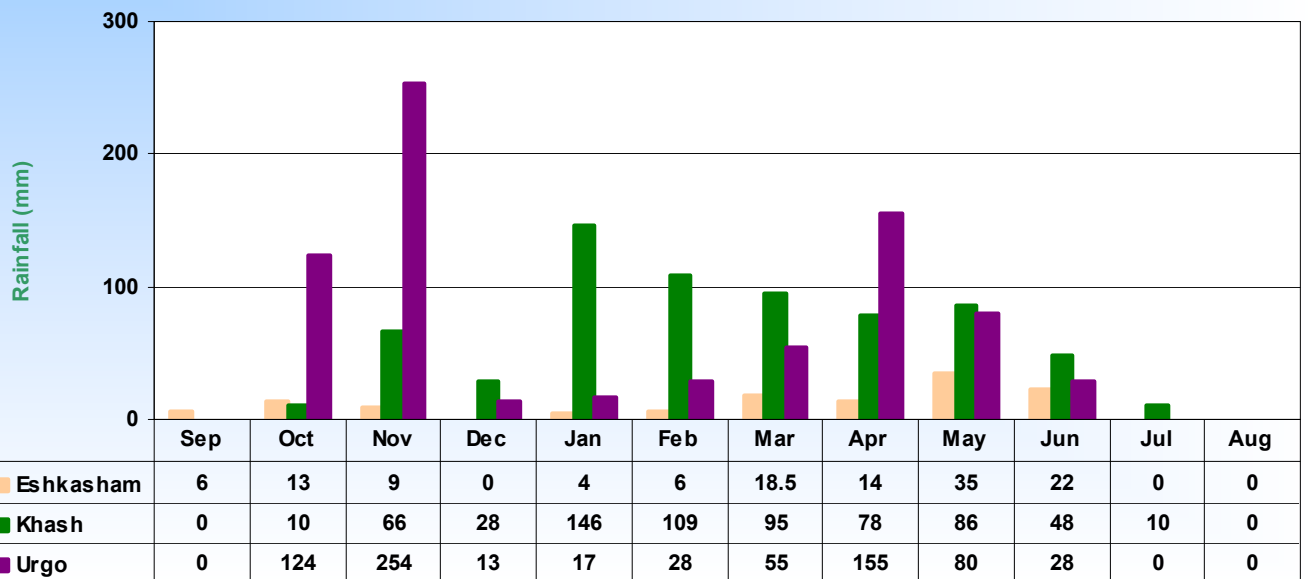
Nuristan Monthly Rainfall (2011/2012)



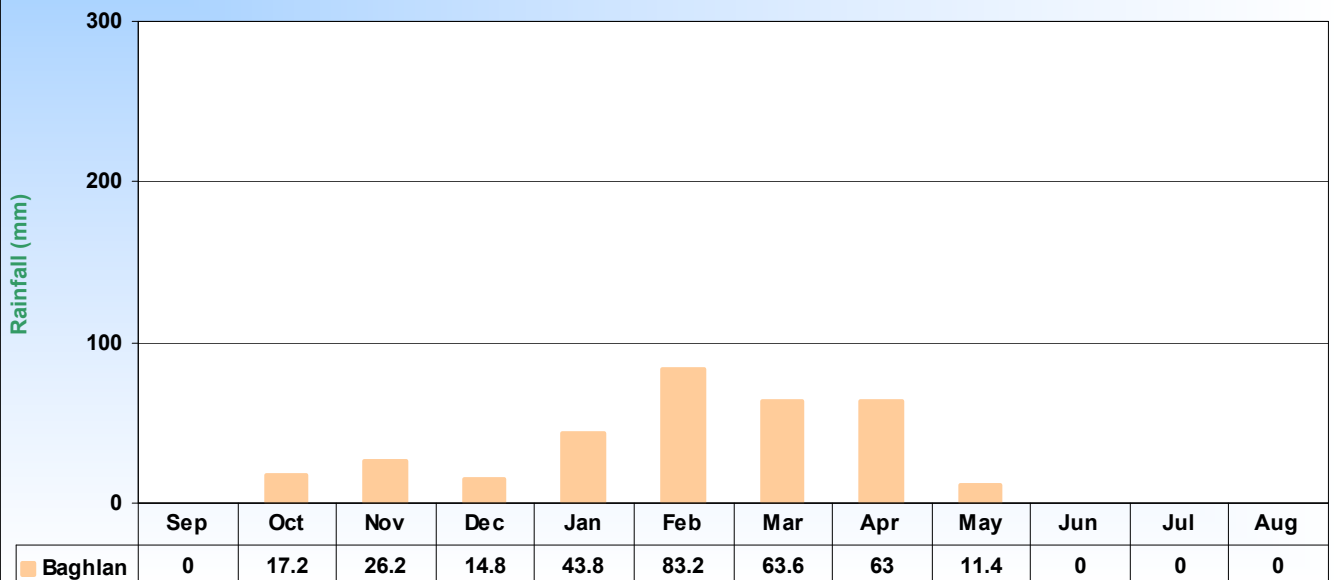
North East Region



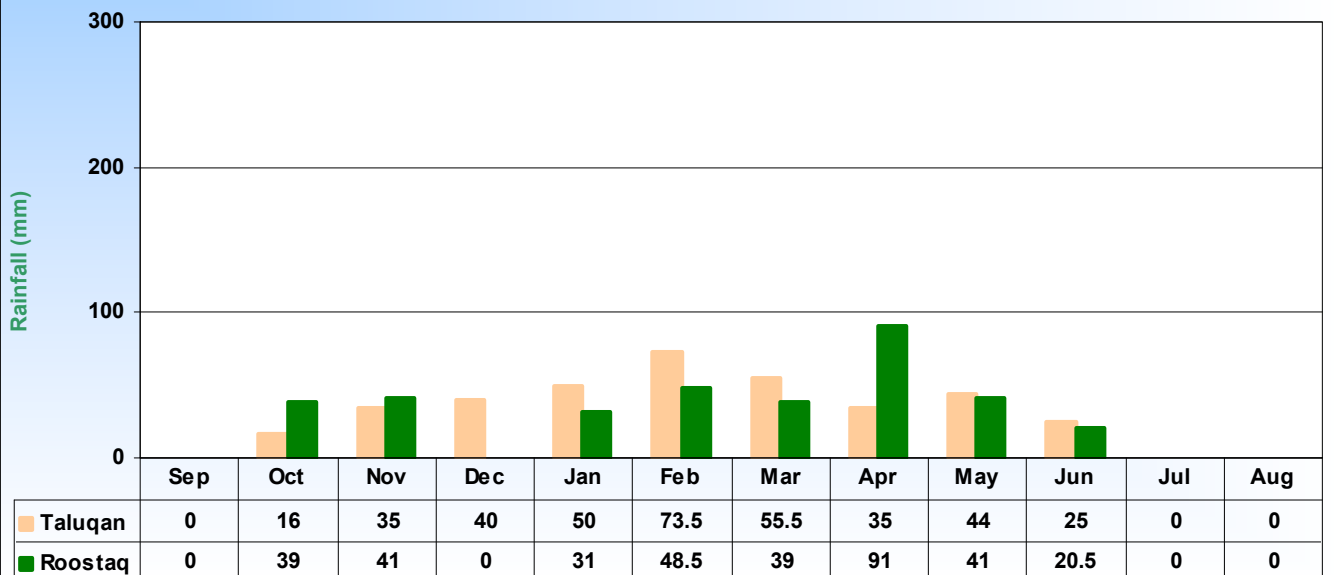
Badakhshan Monthly Rainfall (2011/2012)



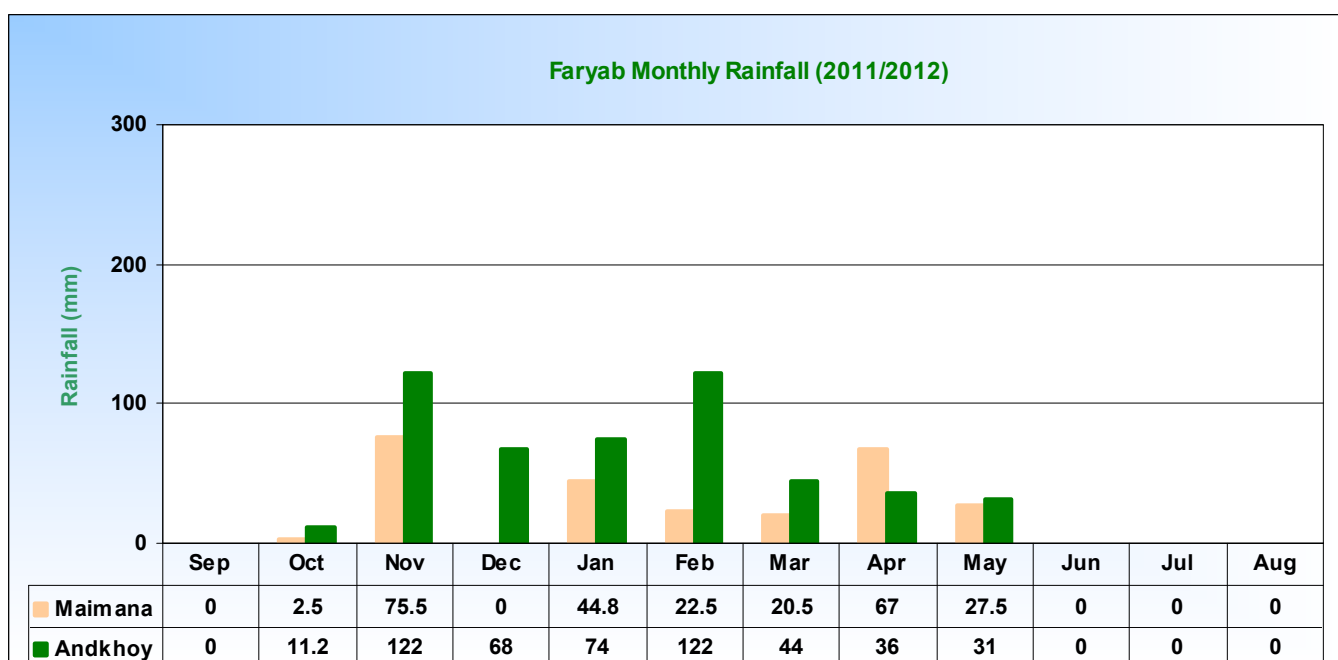
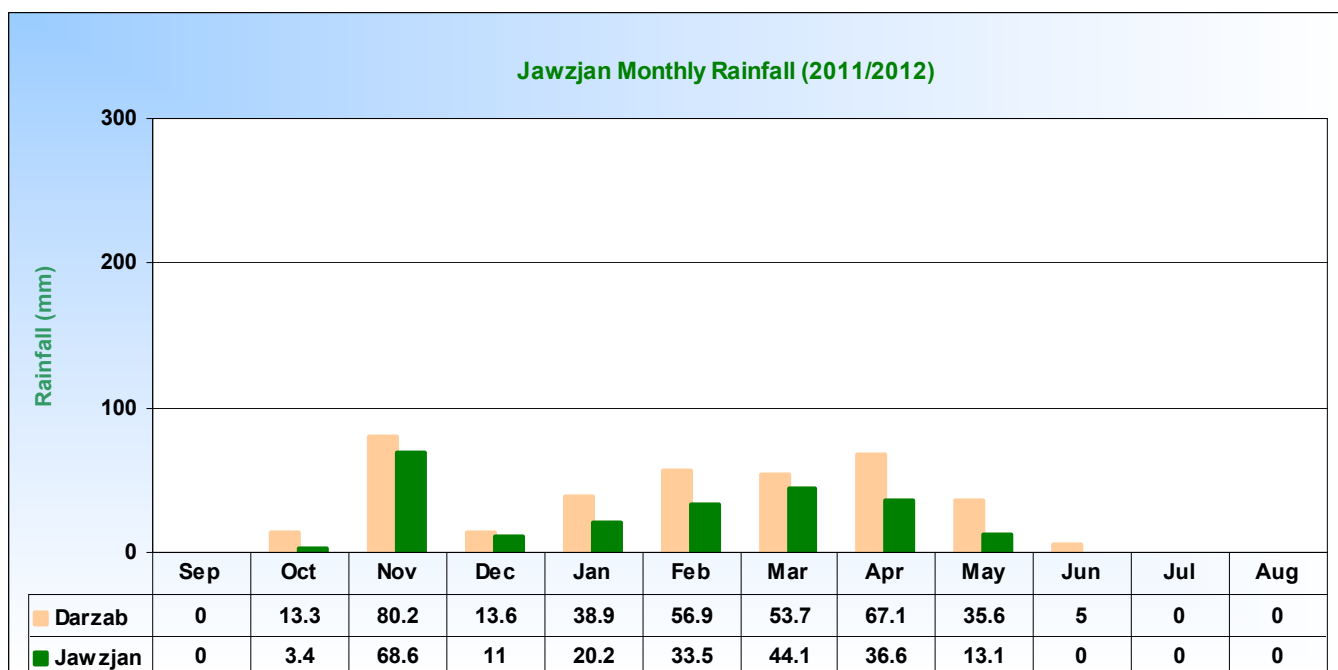
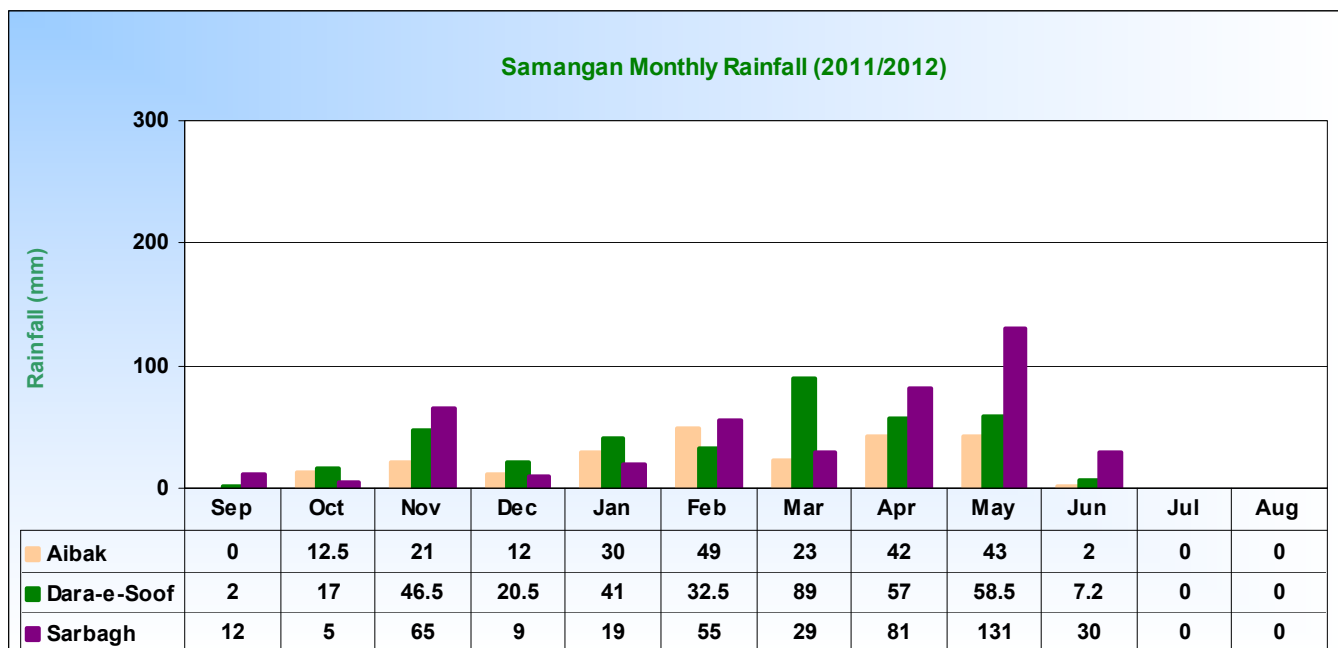
Baghlan Monthly Rainfall (2011/2012)



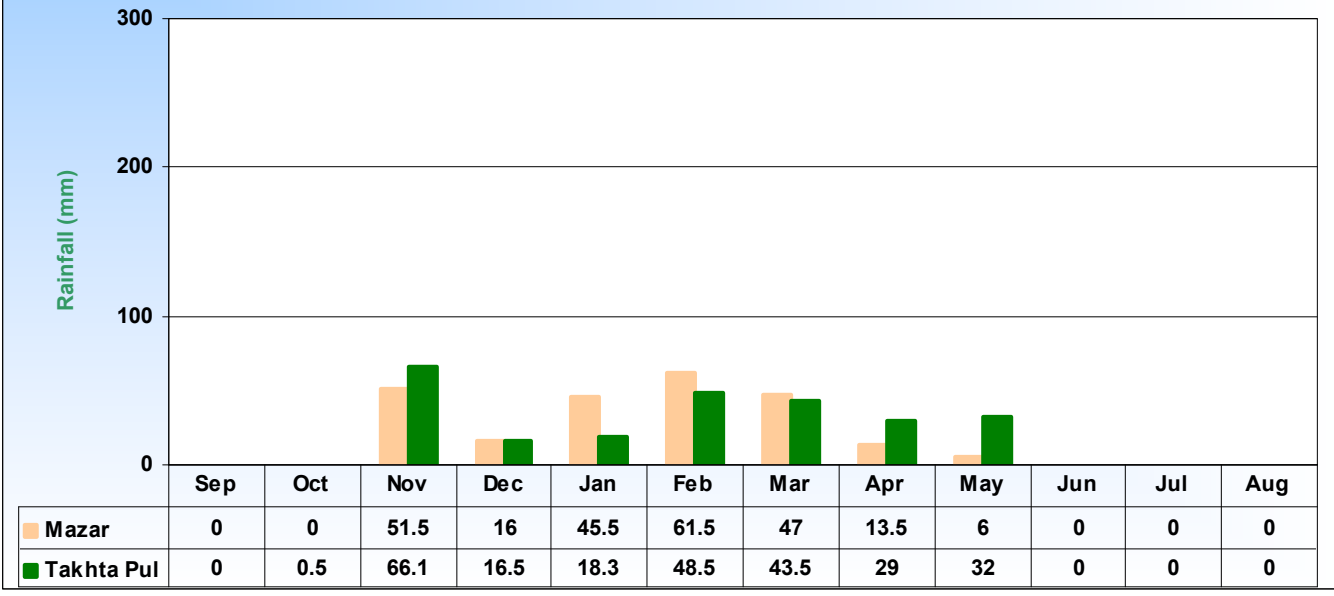
Takhar Monthly Rainfall (2011/2012)



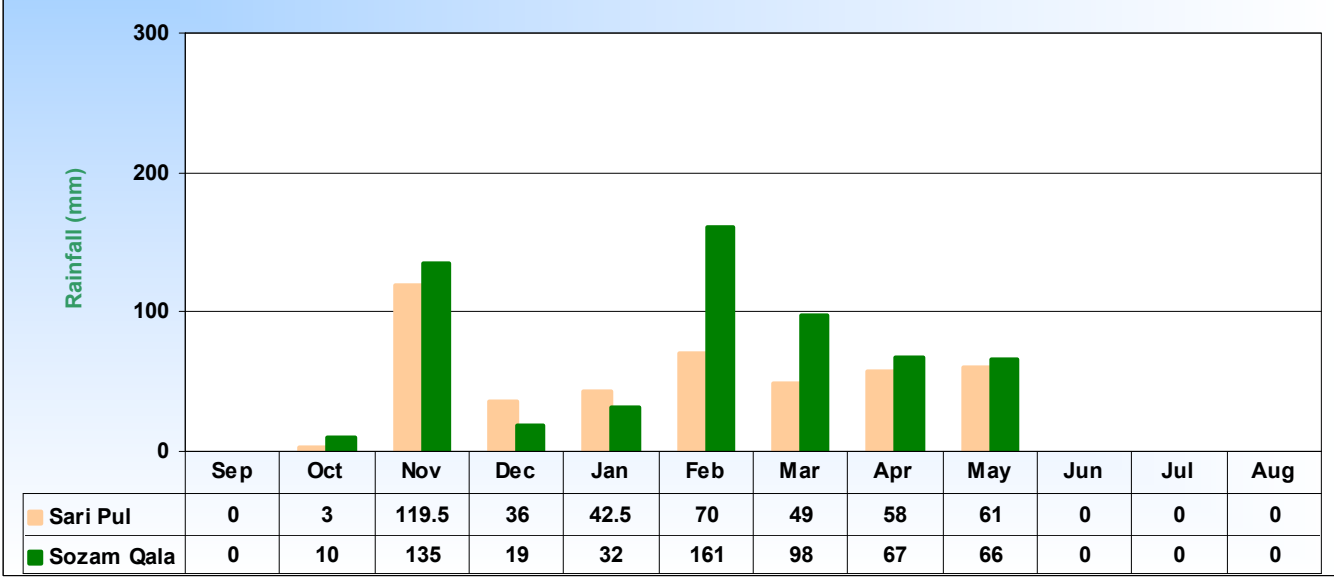
Northern Region



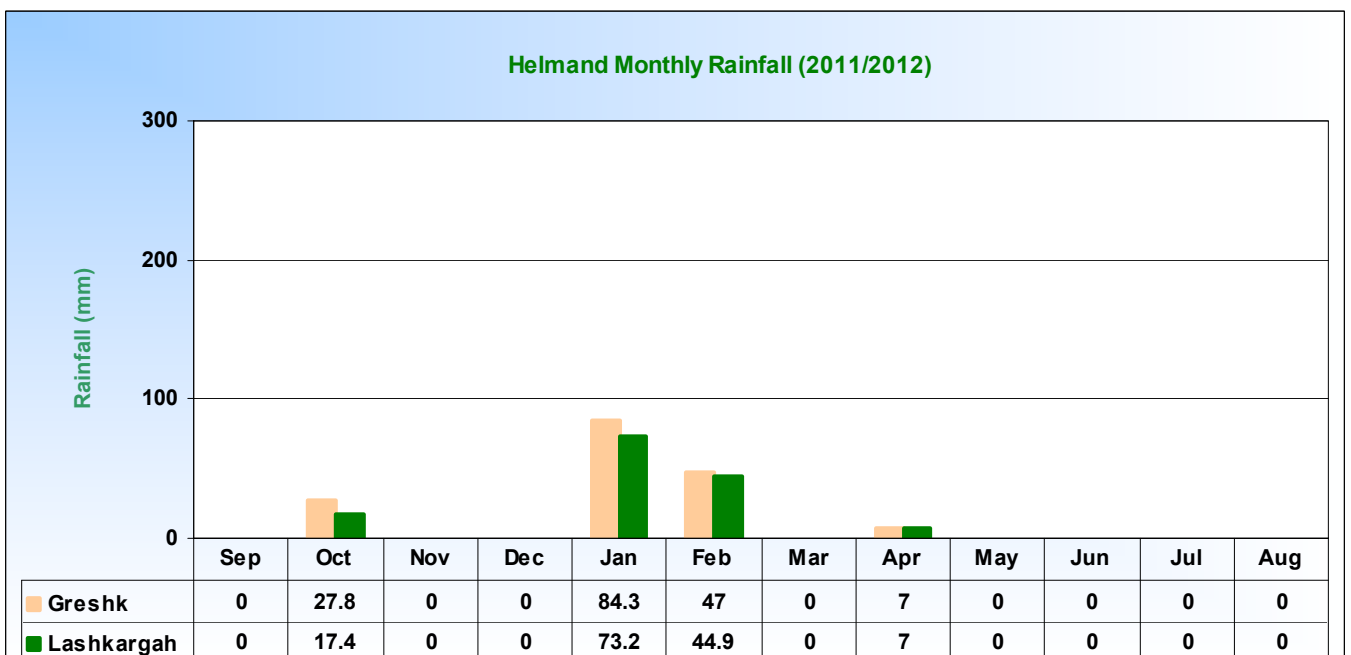
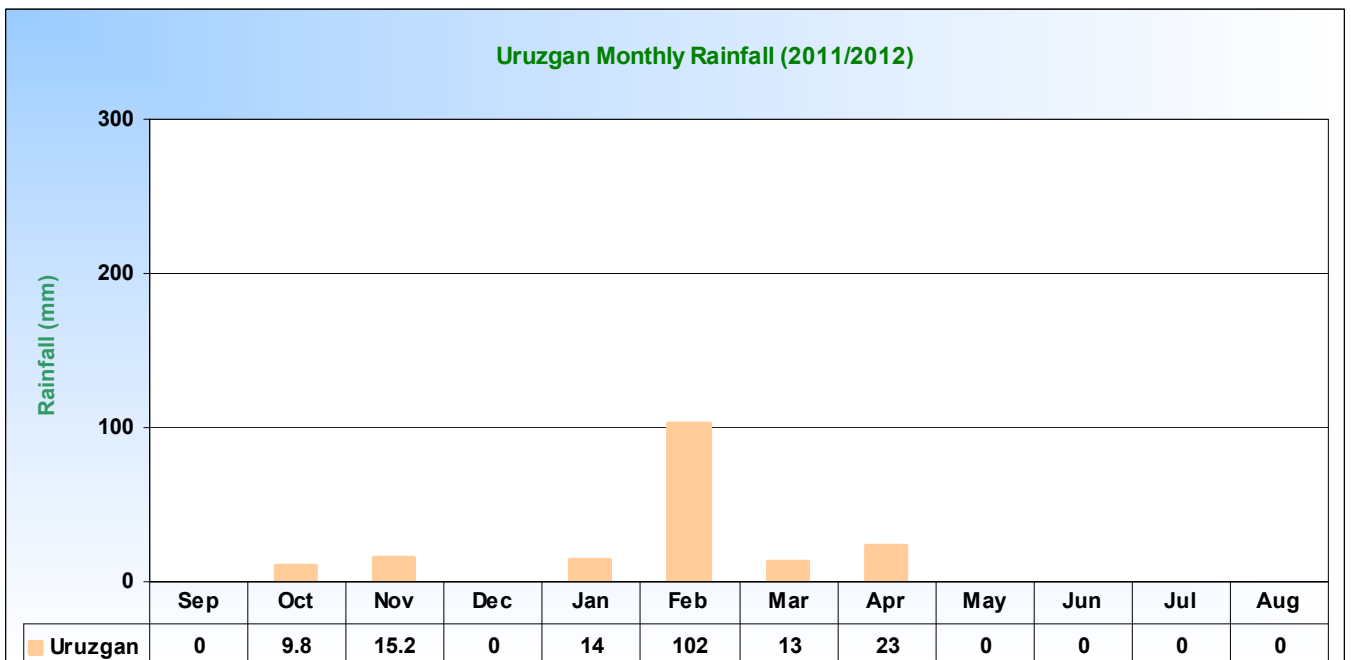
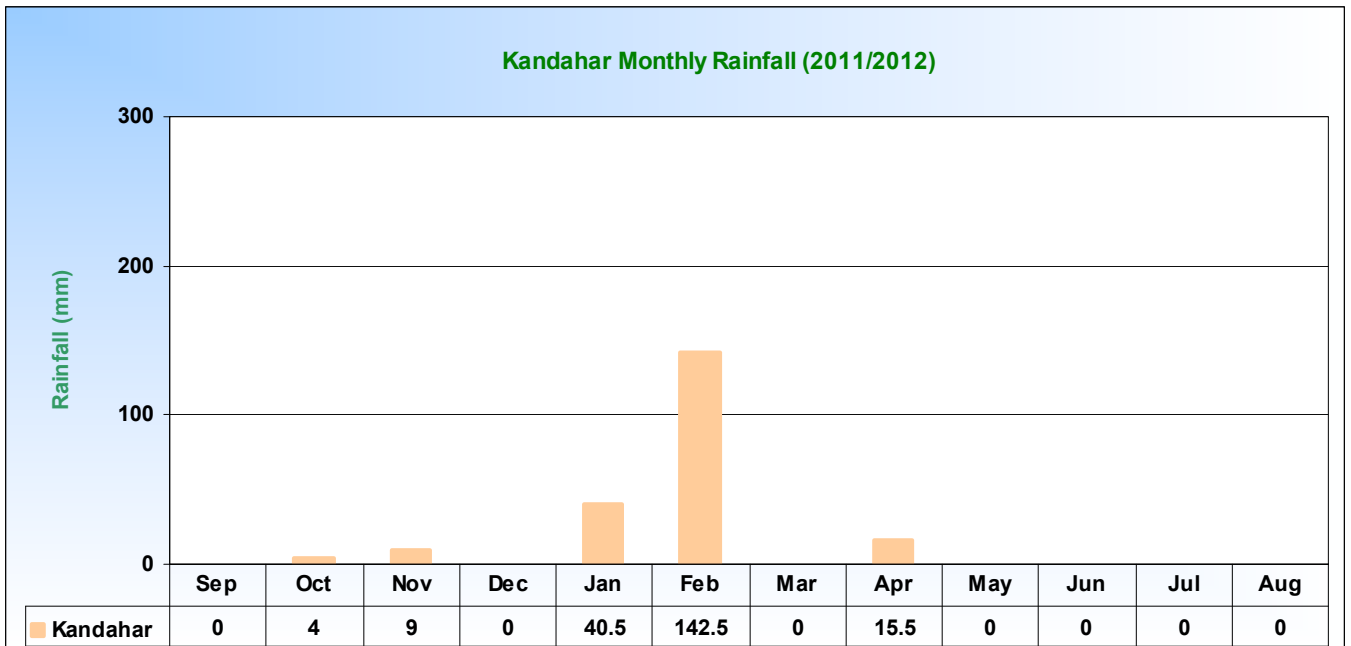
Balkh Monthly Rainfall (2011/2012)



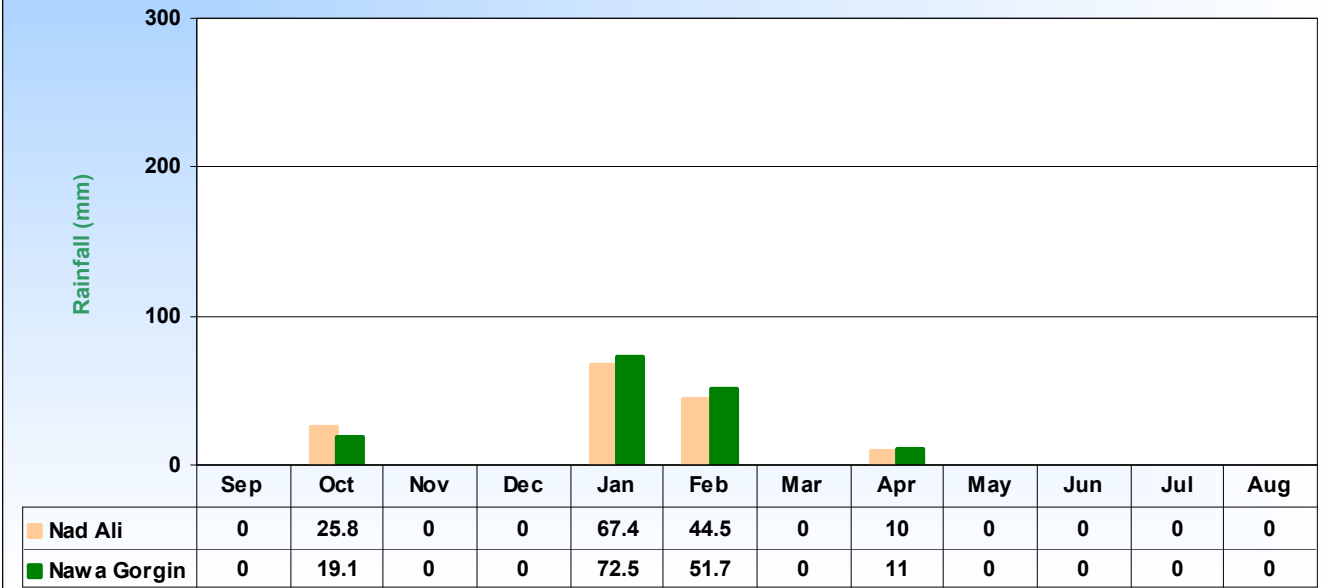
Sari Pul Monthly Rainfall (2011/2012)



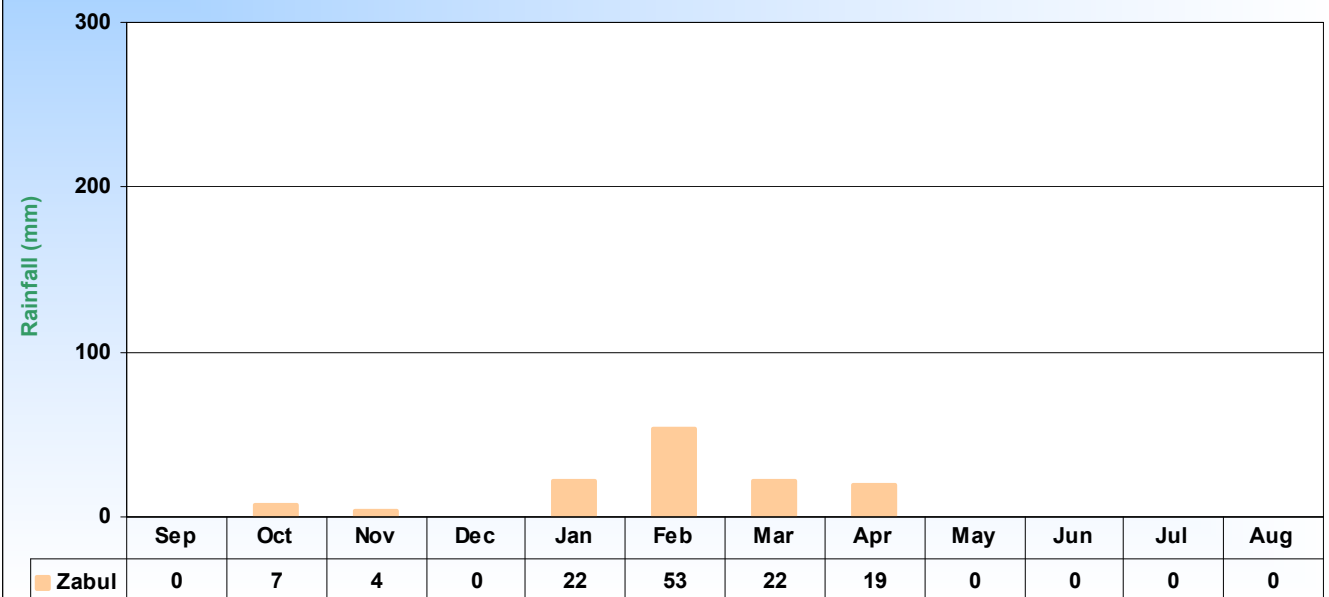
Southern Region



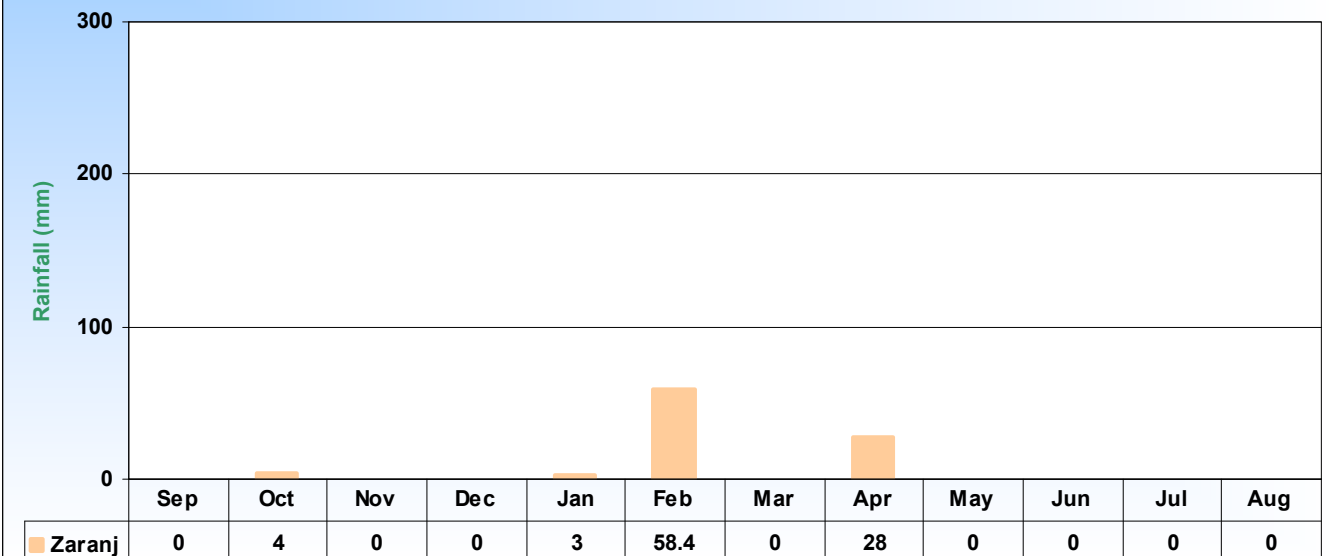
Helmand Monthly Rainfall (2011/2012)



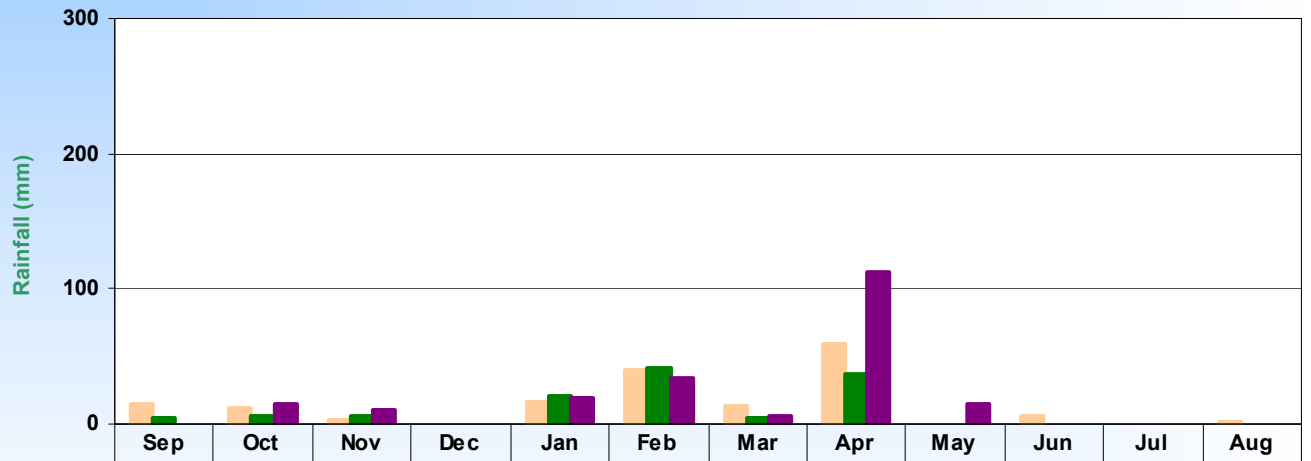
Zabul Monthly Rainfall (2011/2012)



Nimroz Monthly Rainfall (2011/2012)



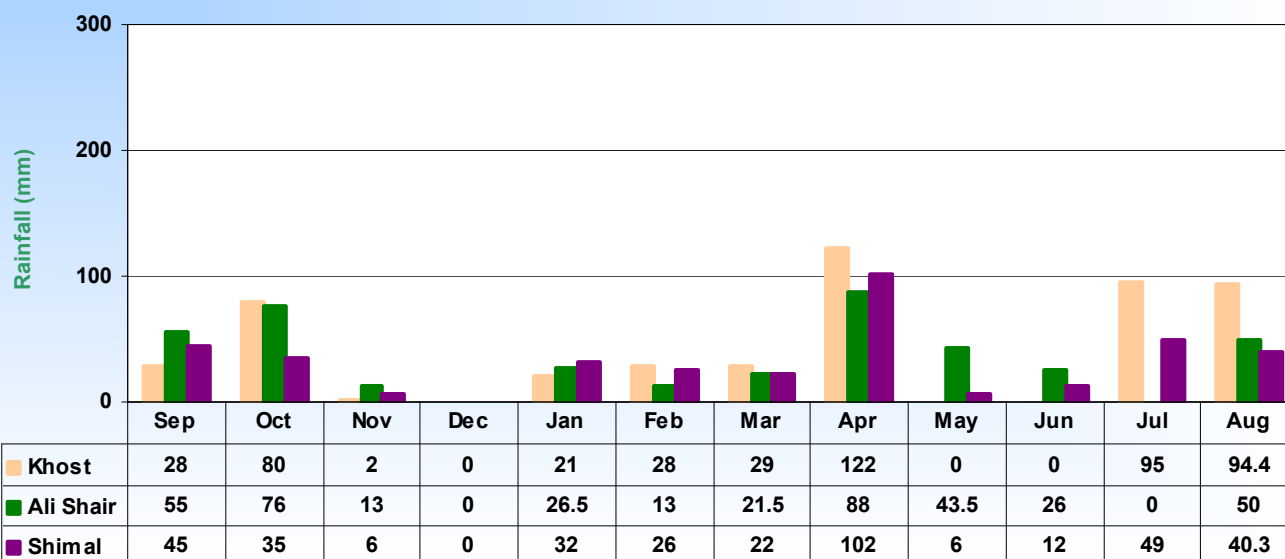
Ghazni Monthly Rainfall (2011/2012)



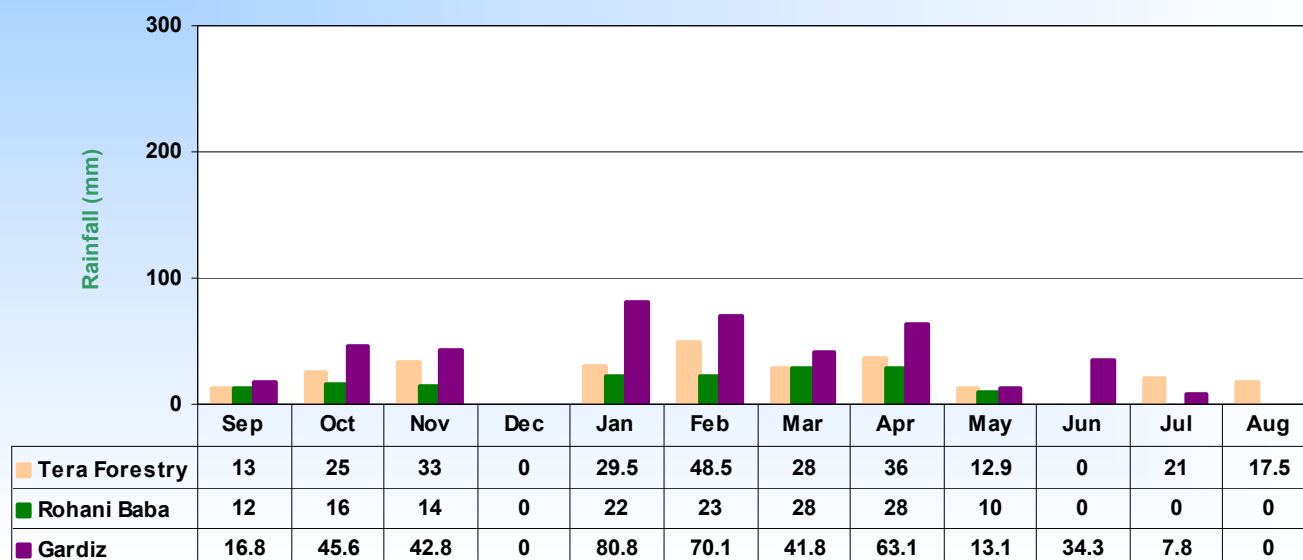
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
■ Ghazni	15	11.5	3	0	16.7	39.2	13.9	59.1	0	6	0	1.6
■ Moqur	5	6	6	0	20	42	4	37	0	0	0	0
■ Sarday	0	15	10	0	19	34	6	113	15	0	0	0

South East Region

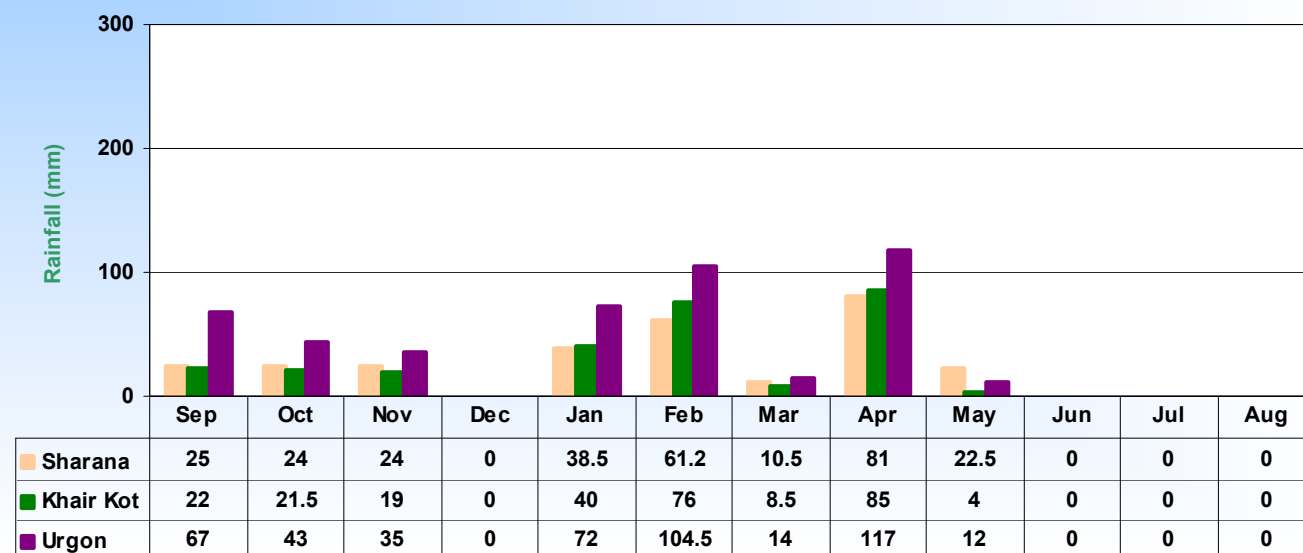
Khost Monthly Rainfall (2011/2012)



Paktiya Monthly Rainfall (2011/2012)

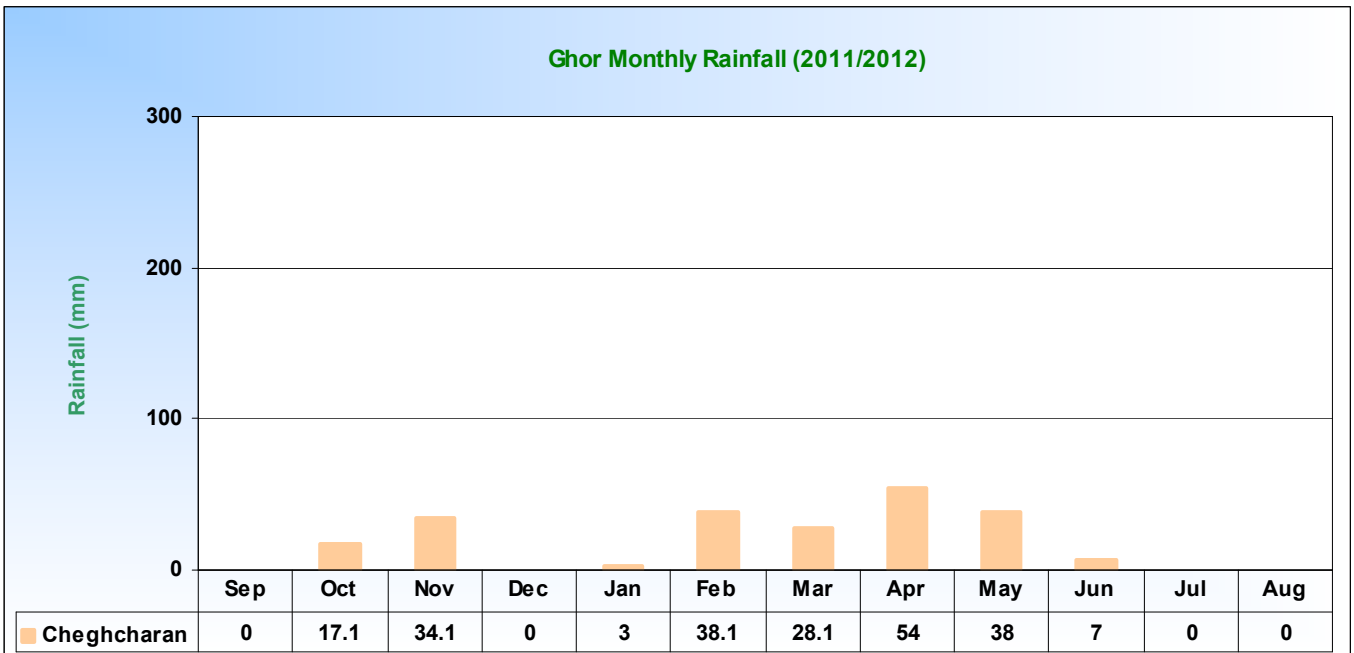


Paktika Monthly Rainfall (2011/2012)

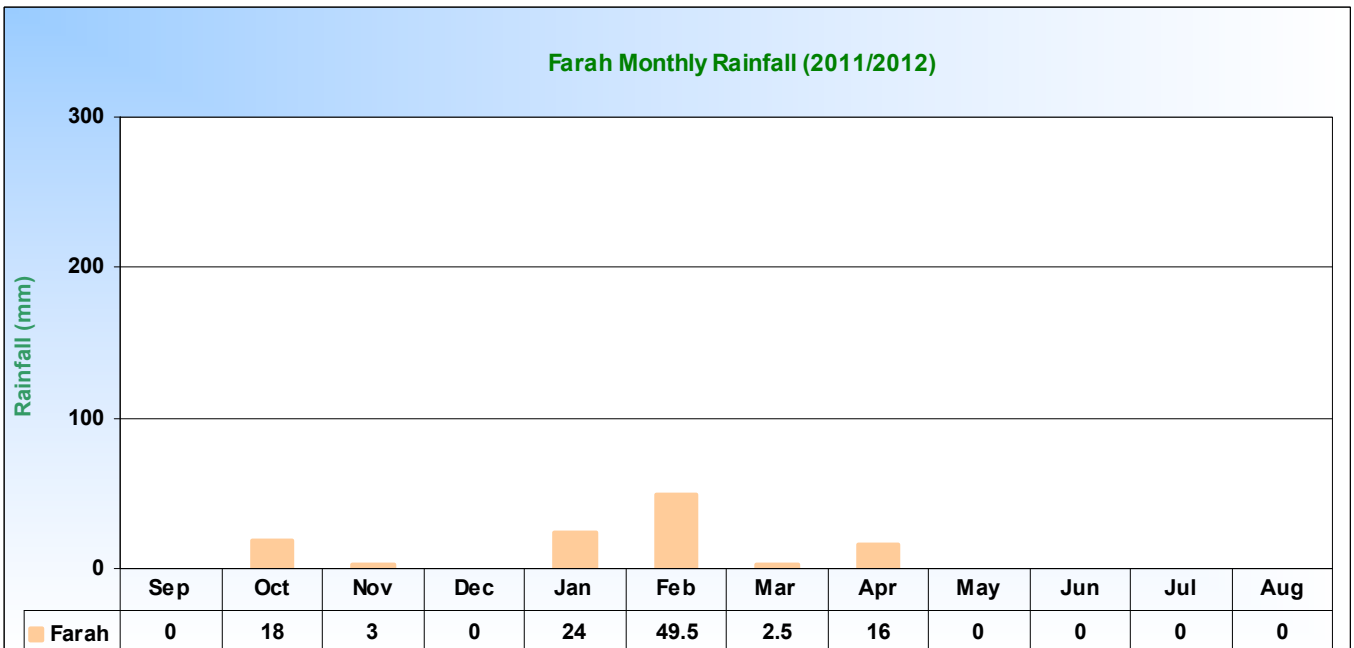


Western Region

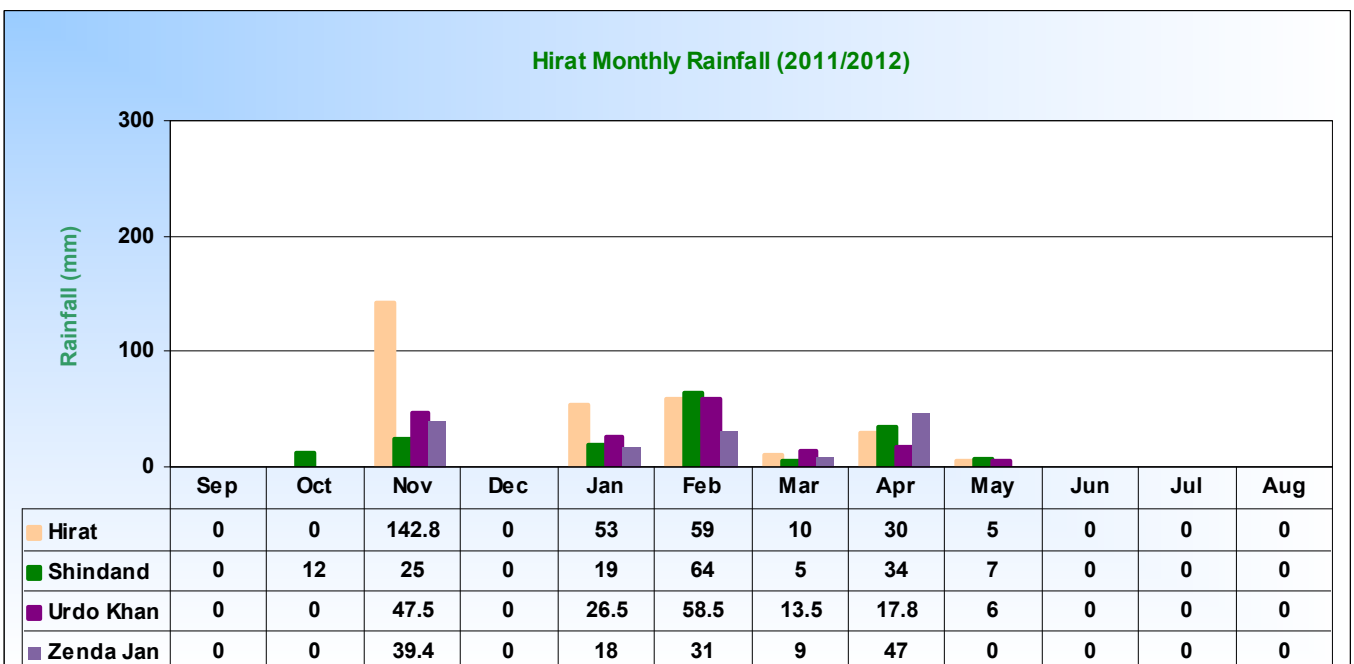
Ghor Monthly Rainfall (2011/2012)



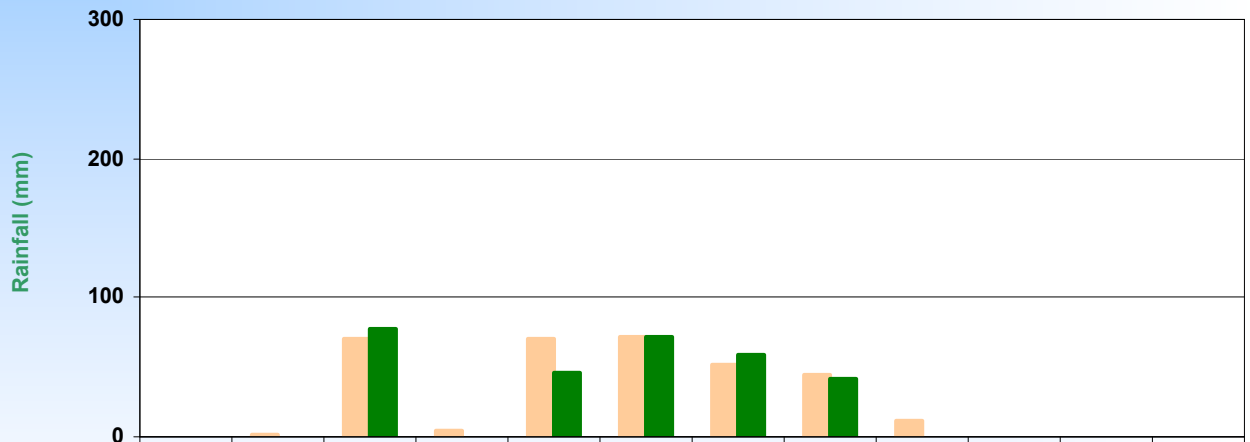
Farah Monthly Rainfall (2011/2012)



Hirat Monthly Rainfall (2011/2012)



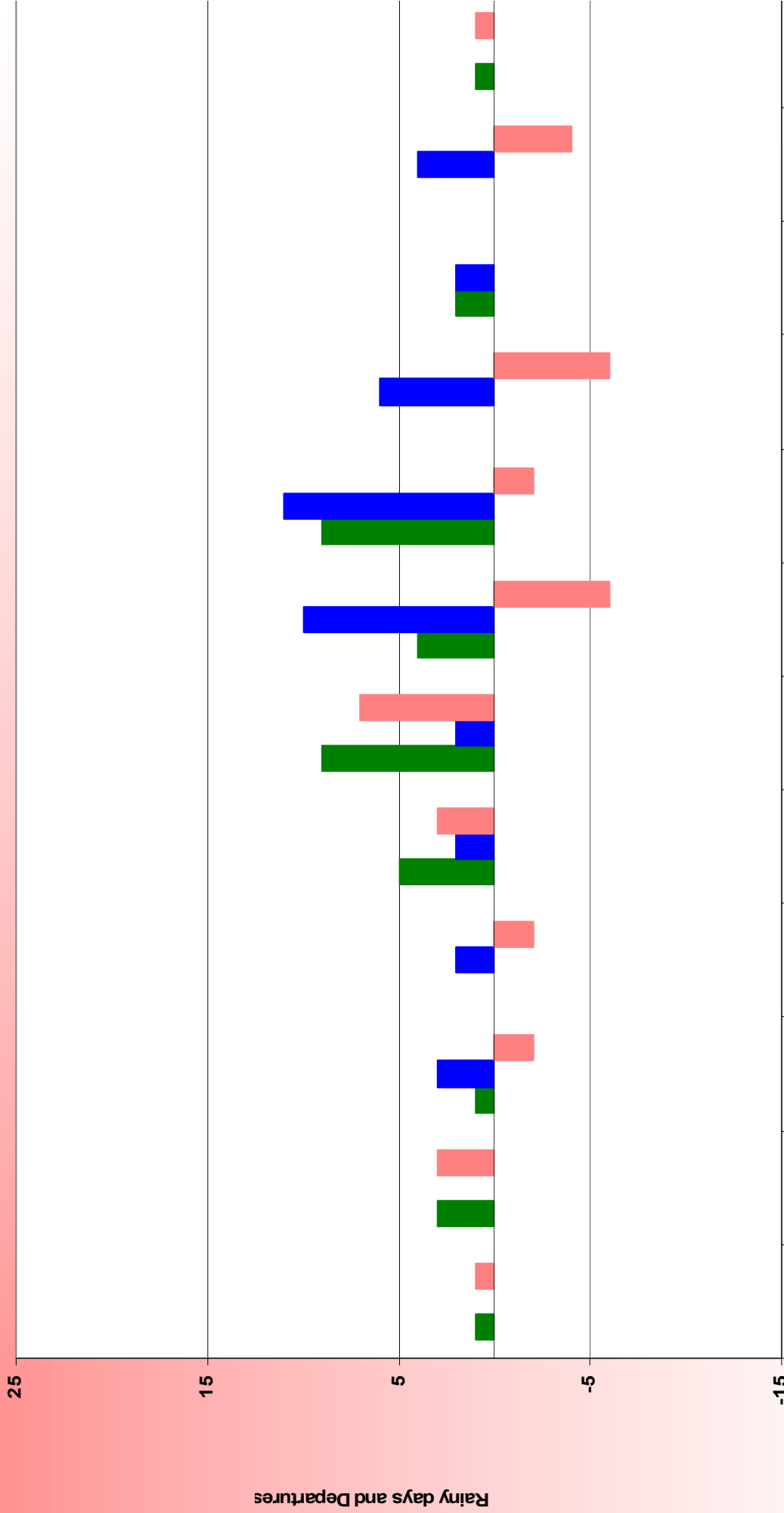
Badghis Monthly Rainfall (2011/2012)



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Qala-e-naw	0	2	71	5	71	72	51.5	44	12	0	0	0
Moqur Badghis	0	0	77	0	46	72	59	41				

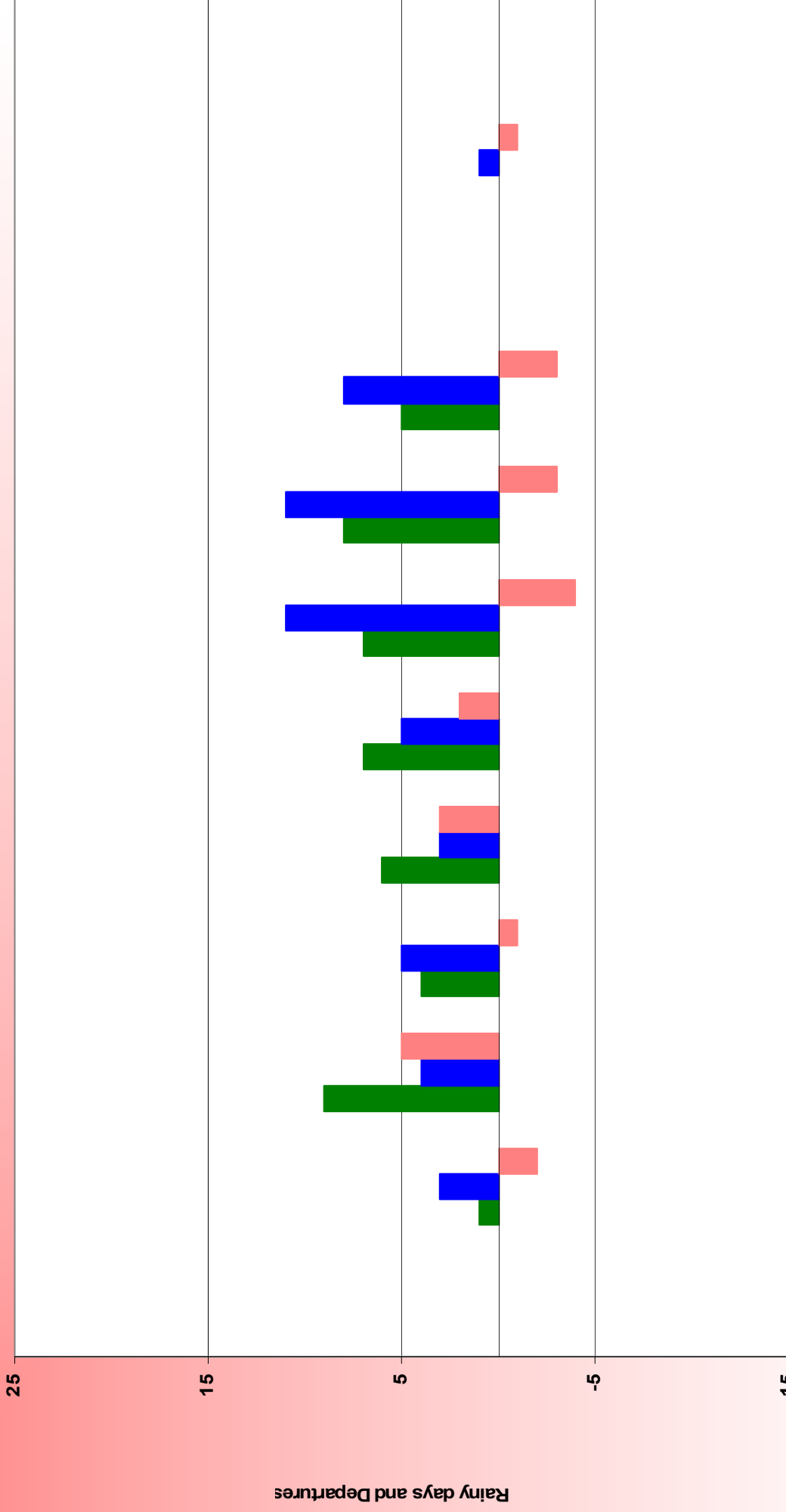
Rainy Days
Compared with
Long Term Average and Departure
Season (2011- 2012)

Ghazni Rainy Days Season (2011 - 2012) Compared to the Long-Term Average and Departures



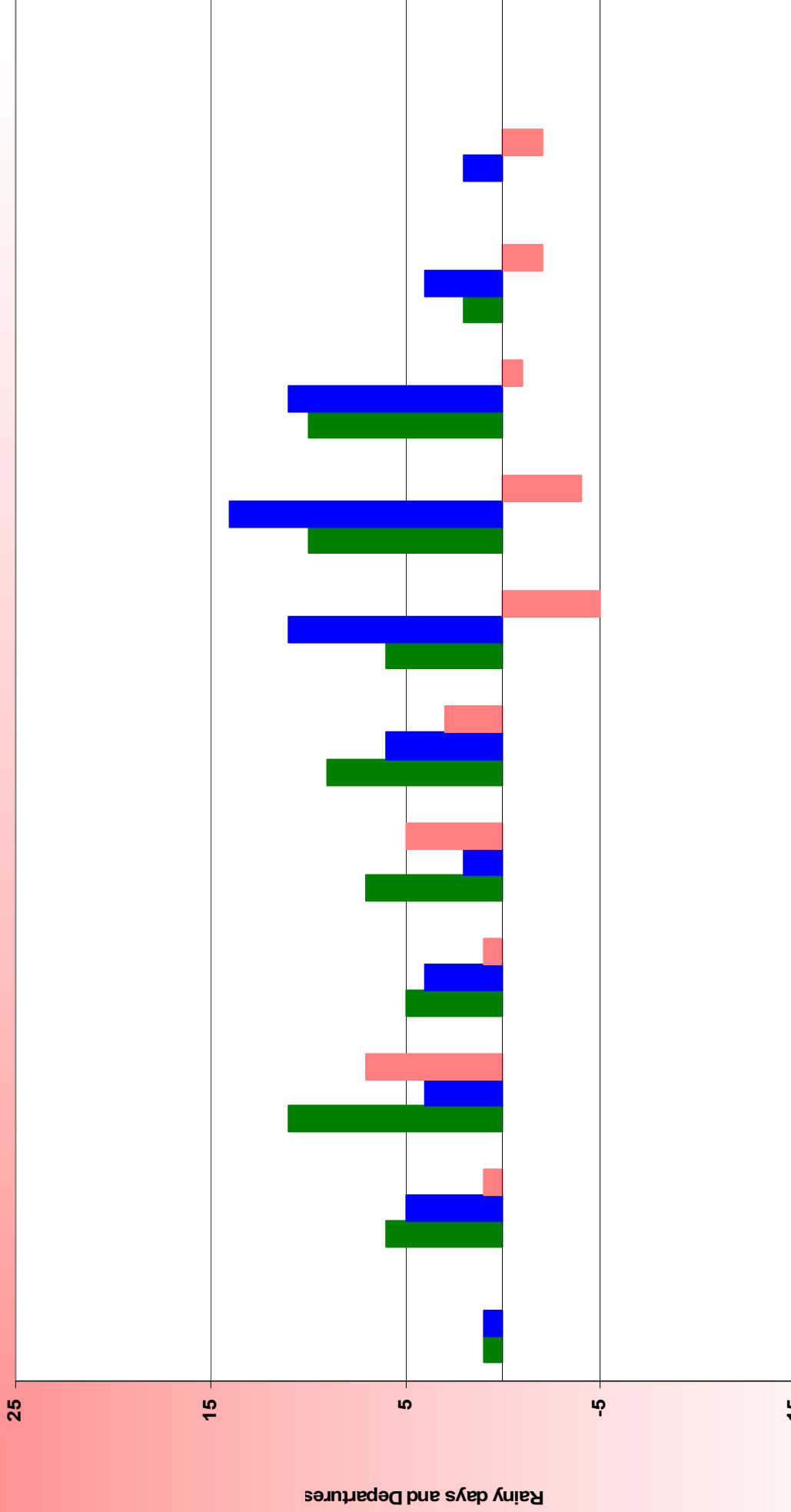
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Actual Rainy Days	1	3	1	0	5	9	4	9	0	2	0	1
Mean Rainy Days	0	0	3	2	2	2	10	11	6	2	4	0
Departure in days	1	3	-2	-2	3	7	-6	-2	-6	0	-4	1

Baghlan Rainy Days Season (2011 - 2012) Compared to the Long-Term Average and Departures



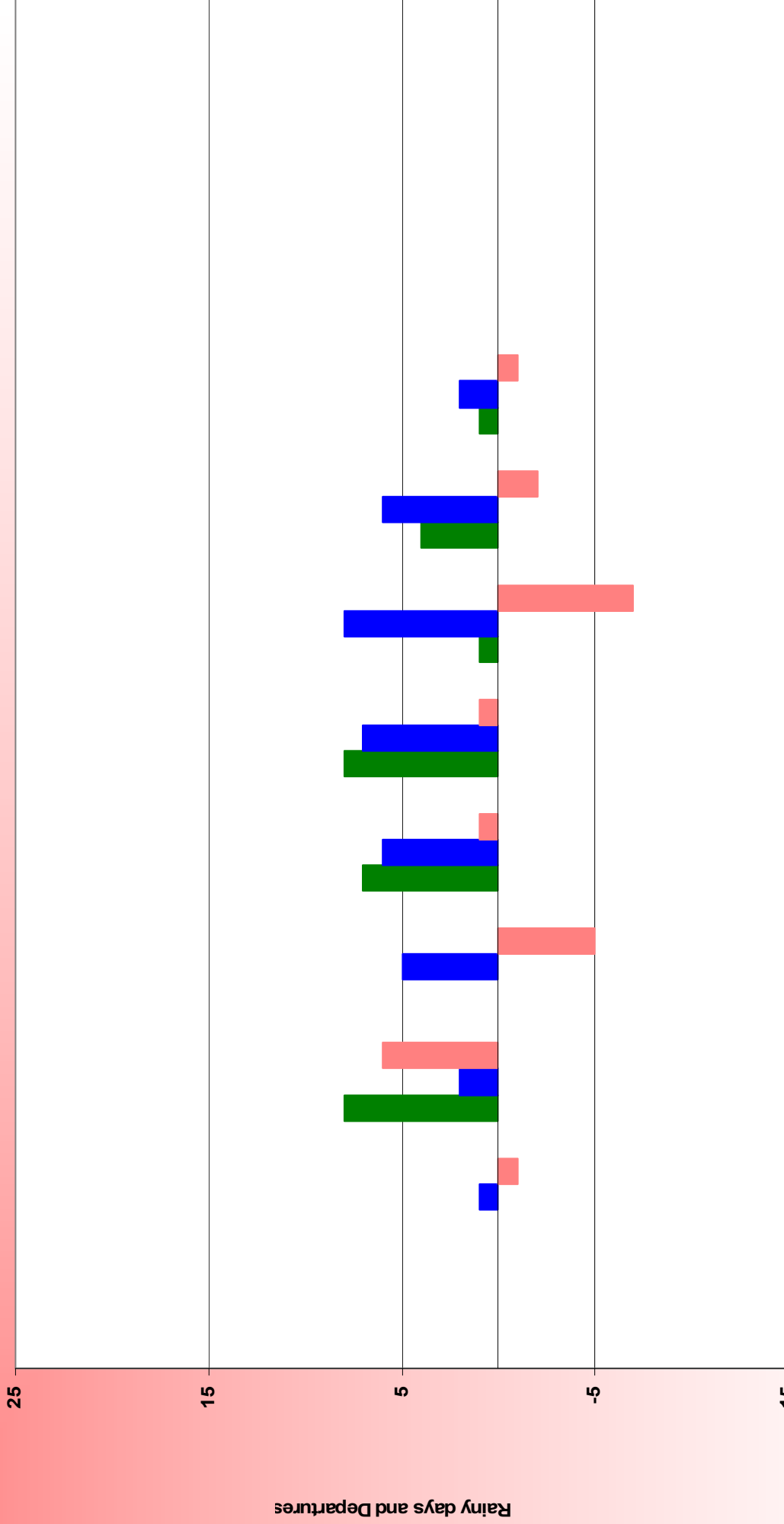
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Actual Rainy Days	0	1	9	4	6	7	7	8	5	0	0	0
Mean Rainy Days	0	3	4	5	3	5	11	11	8	0	1	0
Departure in days	0	-2	5	-1	3	2	-4	-3	-3	0	-1	0

Faizabad Rainy Days Season (2011 - 2012) Compared to the Long-Term Average and Departures



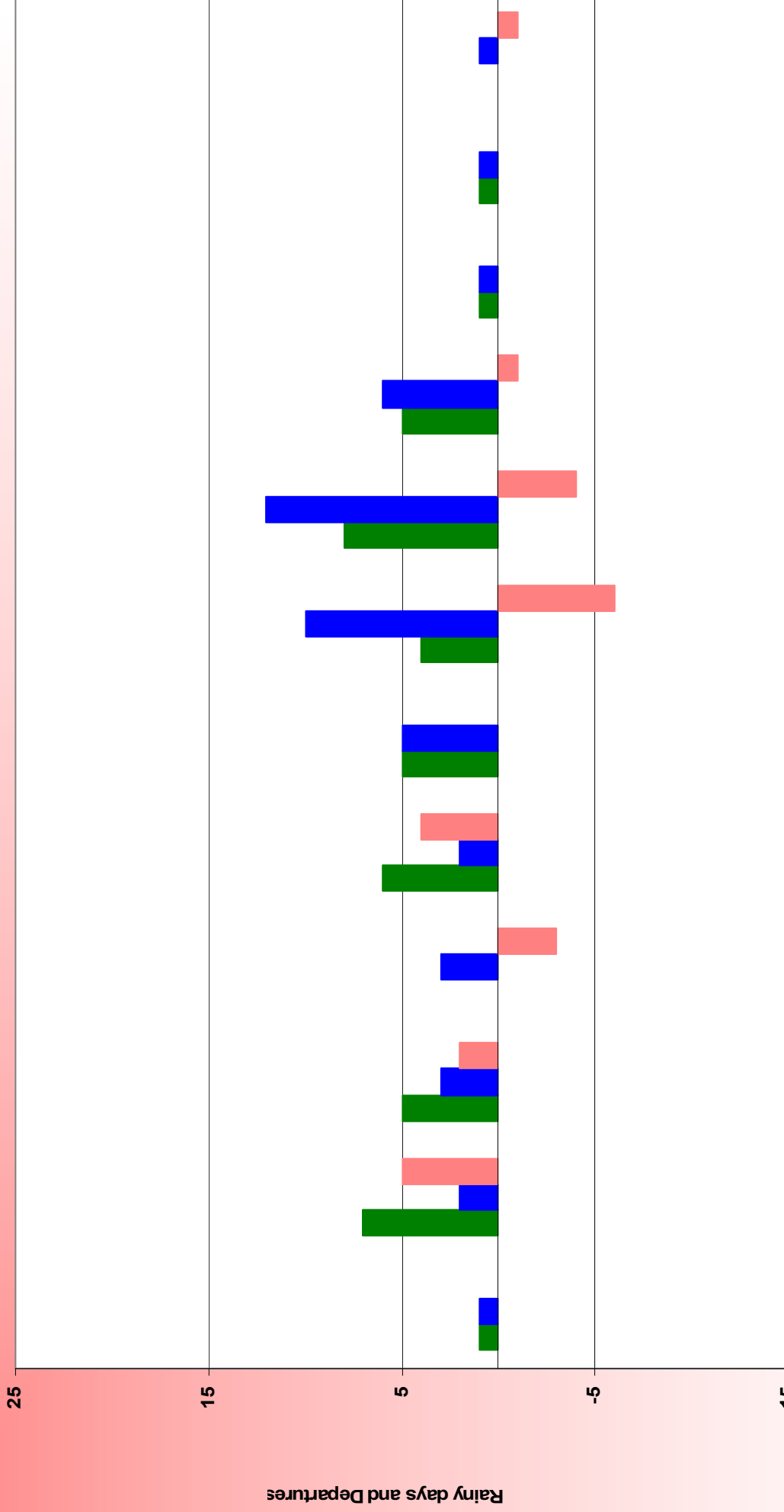
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Actual Rainy Days	1	6	11	5	7	9	6	10	10	2	0	0
Mean Rainy Days	1	5	4	4	2	6	11	14	11	4	2	0
Departure in days	0	1	7	1	5	3	-5	-4	-1	-2	-2	0

Hirat Rainy Days Season (2011 - 2012) Compared to the Long-Term Average and Departures



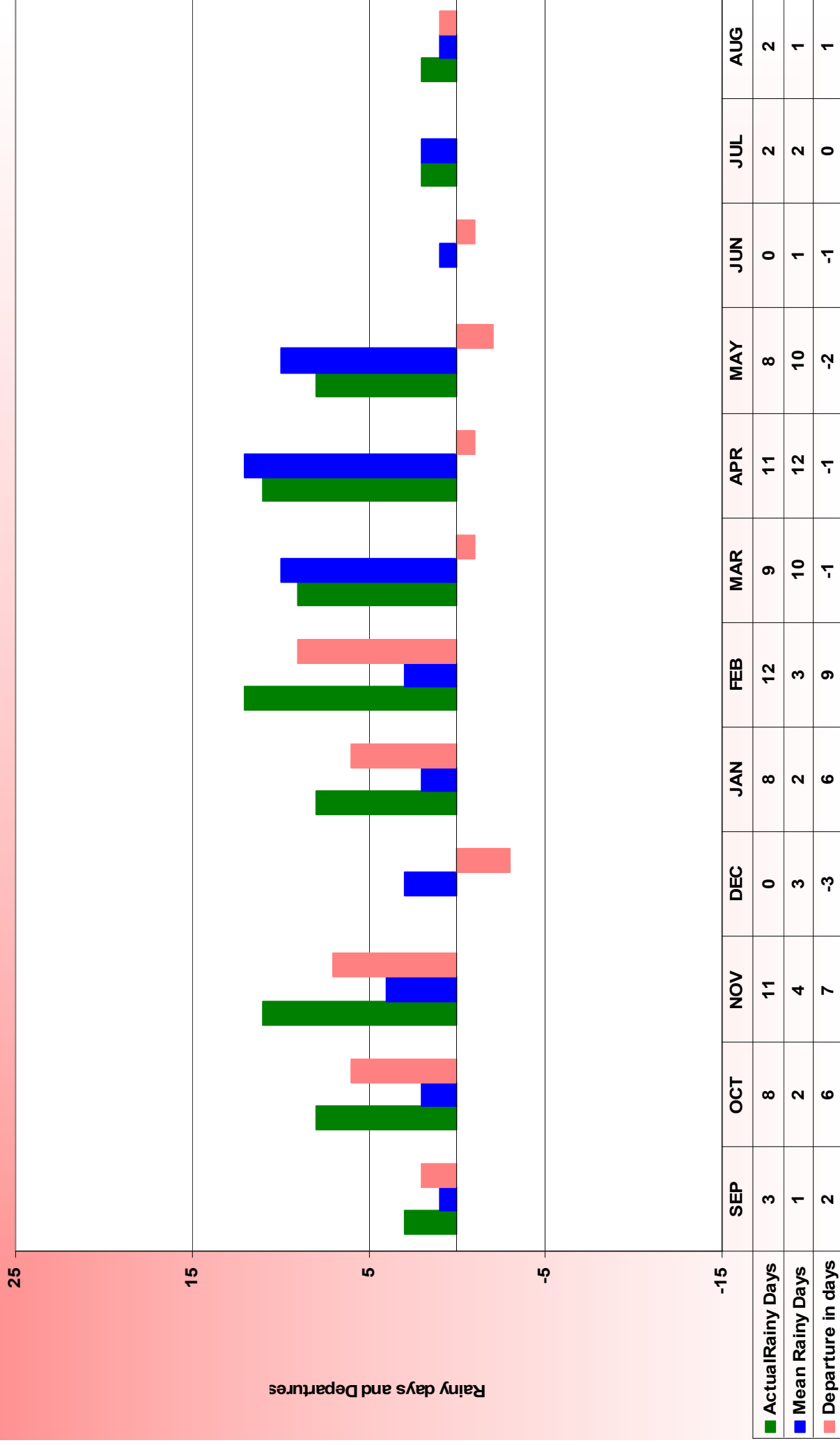
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Actual Rainy Days	0	0	8	0	7	8	1	4	1	0	0	0
Mean Rainy Days	0	1	2	5	6	7	8	6	2	0	0	0
Departure in days	0	-1	6	-5	1	1	-7	-2	-1	0	0	0

Jabusaraj Rainy Days Season (2011 - 2012) Compared to the Long-Term Average and Departures

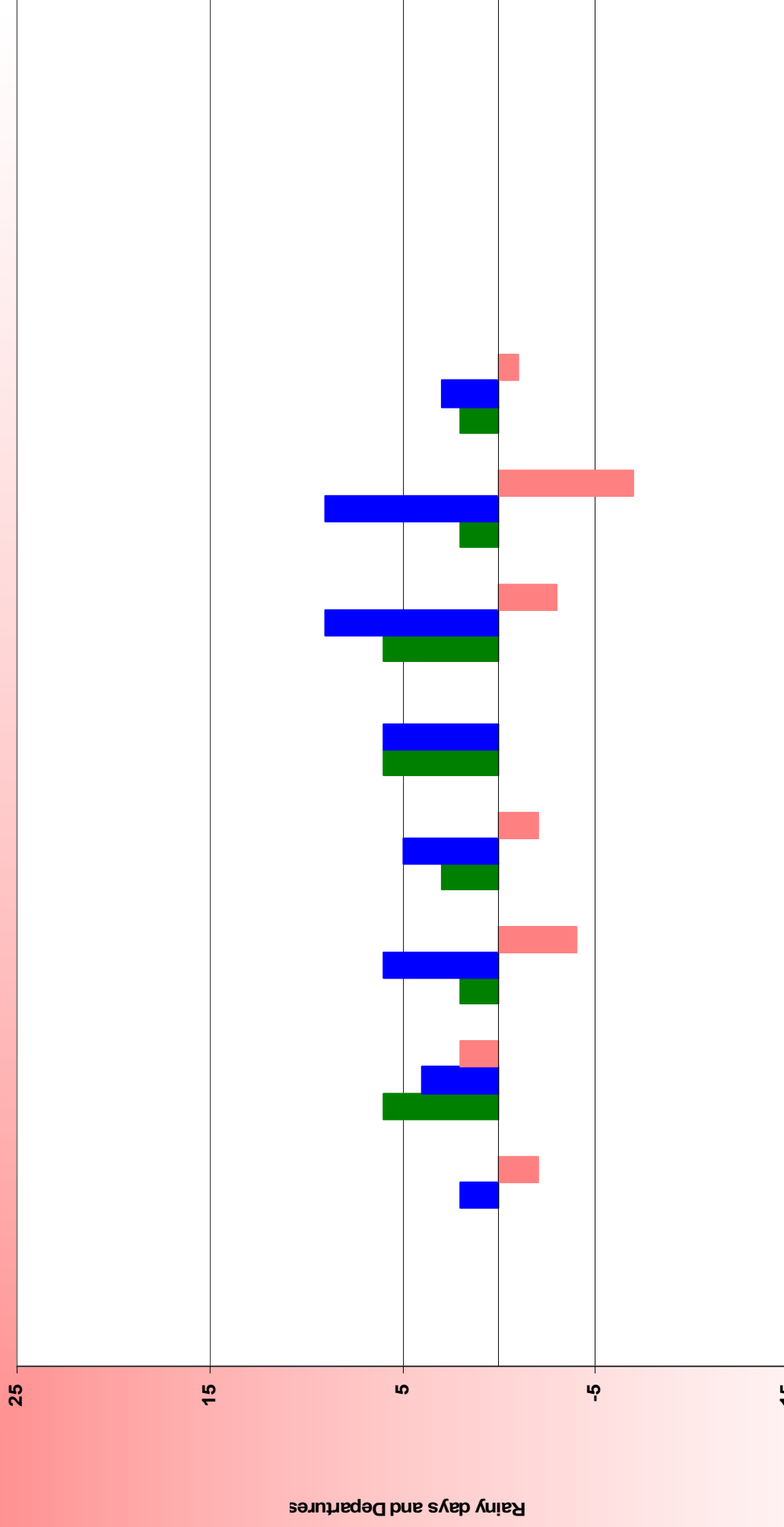


	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Actual Rainy Days	1	7	5	0	6	5	4	8	5	1	1	0
Mean Rainy Days	1	2	3	3	2	5	10	12	6	1	1	1
Departure in days	0	5	2	-3	4	0	-6	-4	-1	0	0	-1

Kabul Rainy Days Season (2011 - 2012) Compared to the Long-Term Average and Departures

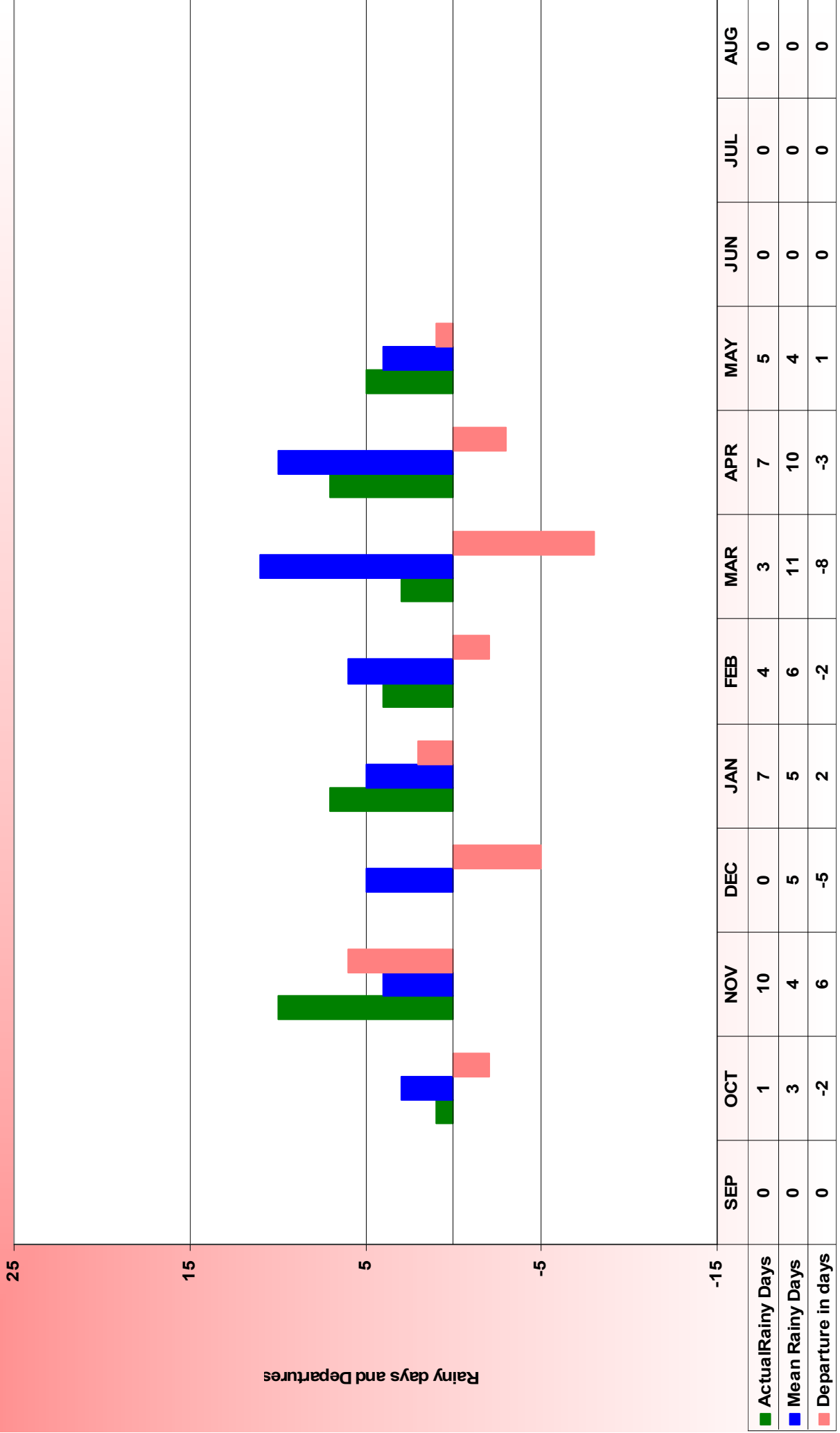


Mazarsharif Rainy Days Season (2011 - 2012) Compared to the Long-Term Average and Departures

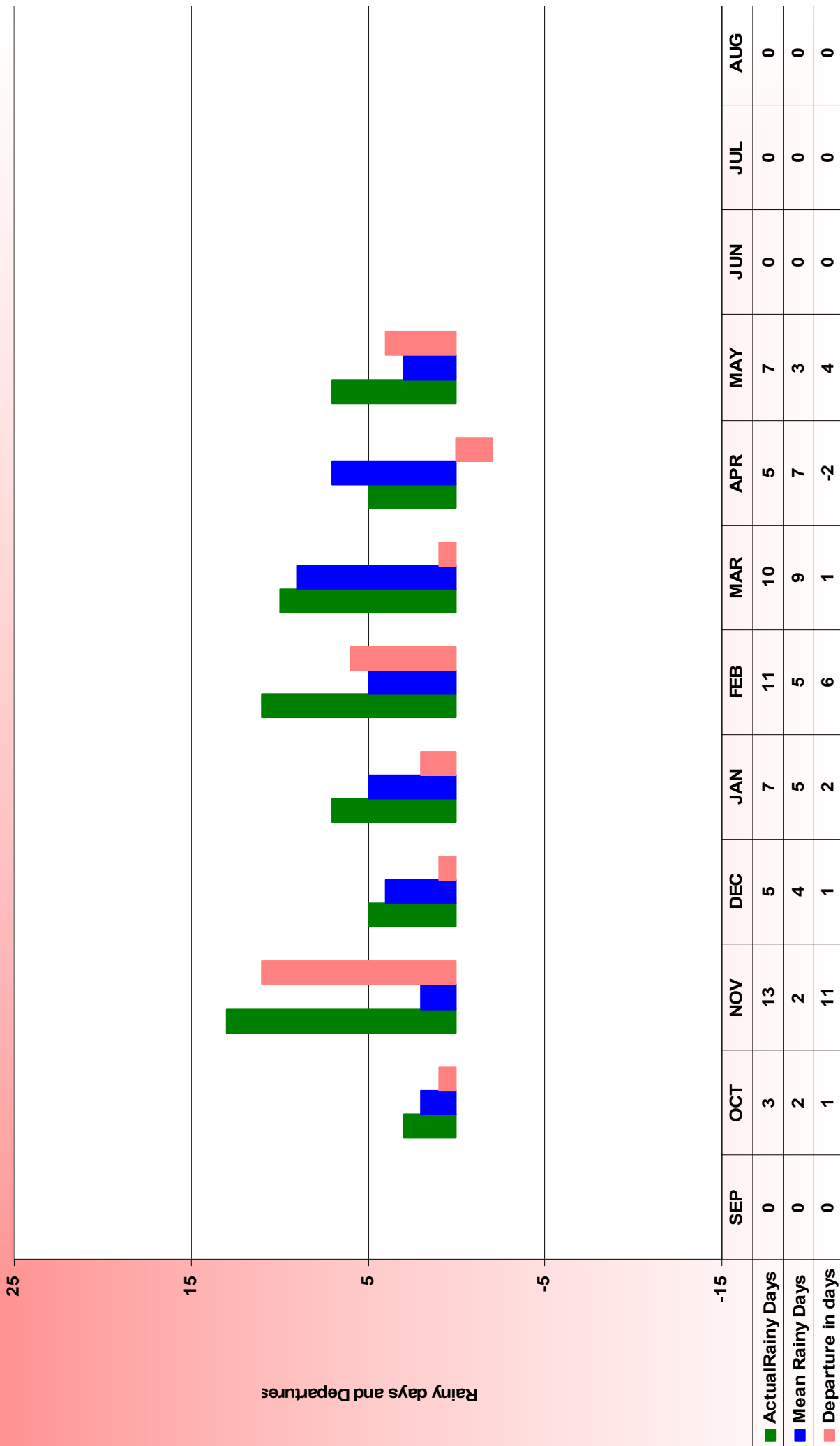


	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Actual Rainy Days	0	2	4	6	5	6	9	9	3	0	0	0
Mean Rainy Days	0	0	6	2	3	6	6	2	2	0	0	0
Departure in days	0	-2	2	-4	-2	0	-3	-7	-1	0	0	0

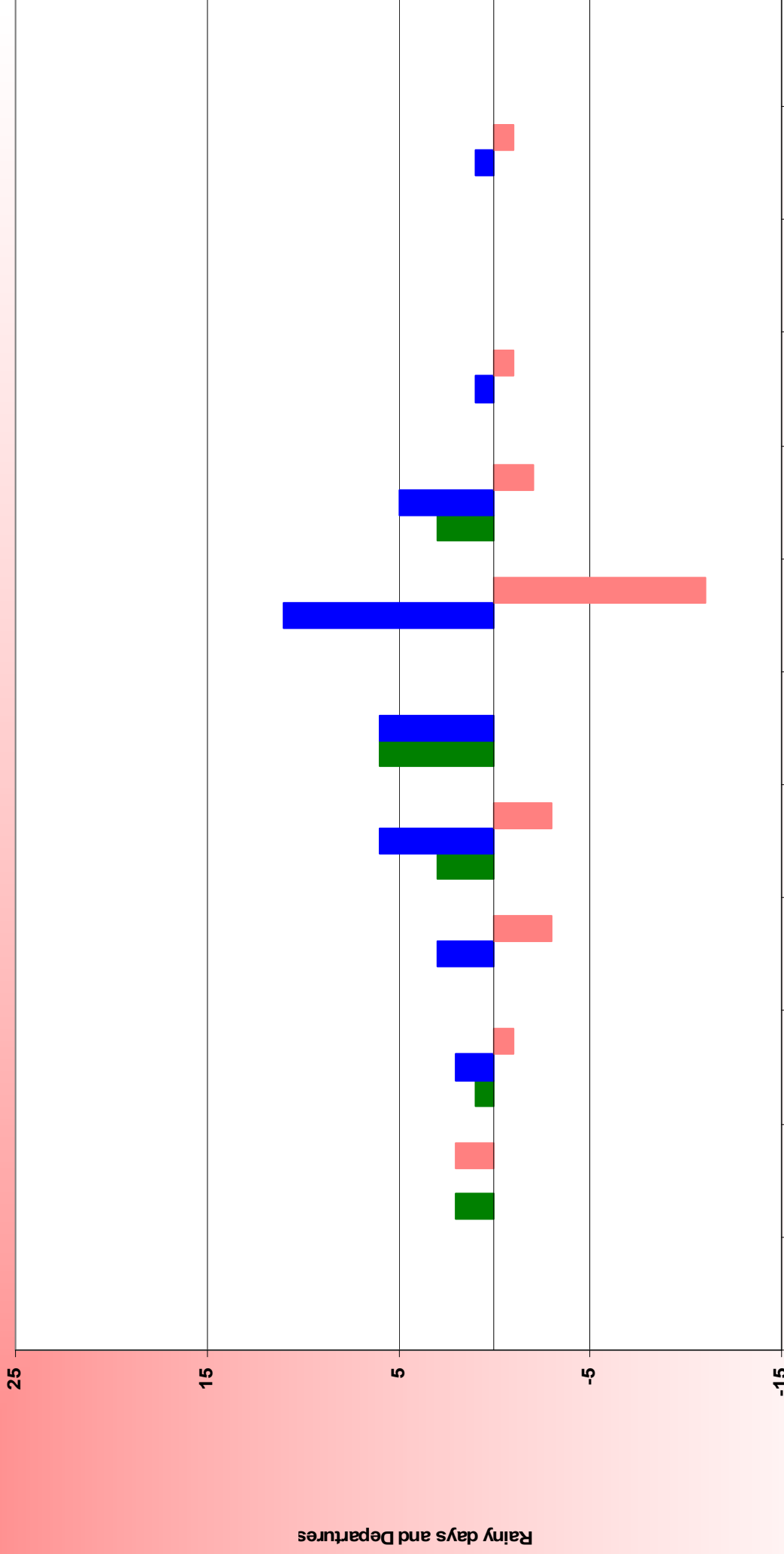
Maimana Rainy Days Season (2011 - 2012) Compared to the Long-Term Average and Departures



Jawzjan Rainy Days Season (2011 - 2012) Compared to the Long-Term Average and Departures



Kandahar Rainy Days Season (2011 - 2012) Compared to the Long-Term Average and Departures



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Actual Rainy Days	0	2	1	0	3	6	0	3	0	0	0	0
Mean Rainy Days	0	0	2	3	6	6	11	5	1	0	1	0
Departure in days	0	2	-1	-3	-3	0	-11	-2	-1	0	-1	0

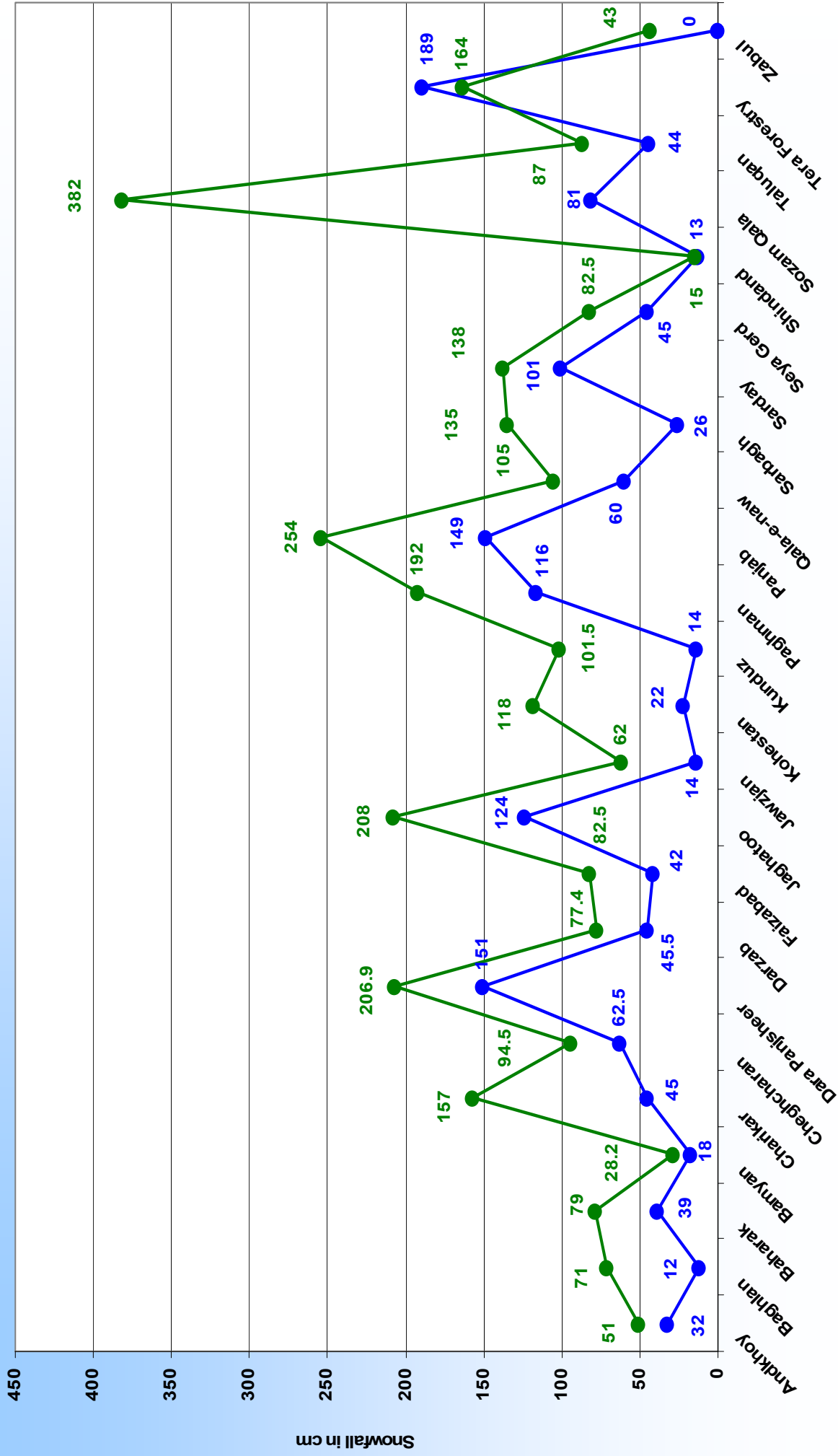
Rainy days and Departures

Kunduz Rainy Days Season (2011 - 2012) Compared to the Long-Term Average and Departures



Snowfall (cm) Current Year
Compared with
Last Year
Agricultural Season (2011- 2012)

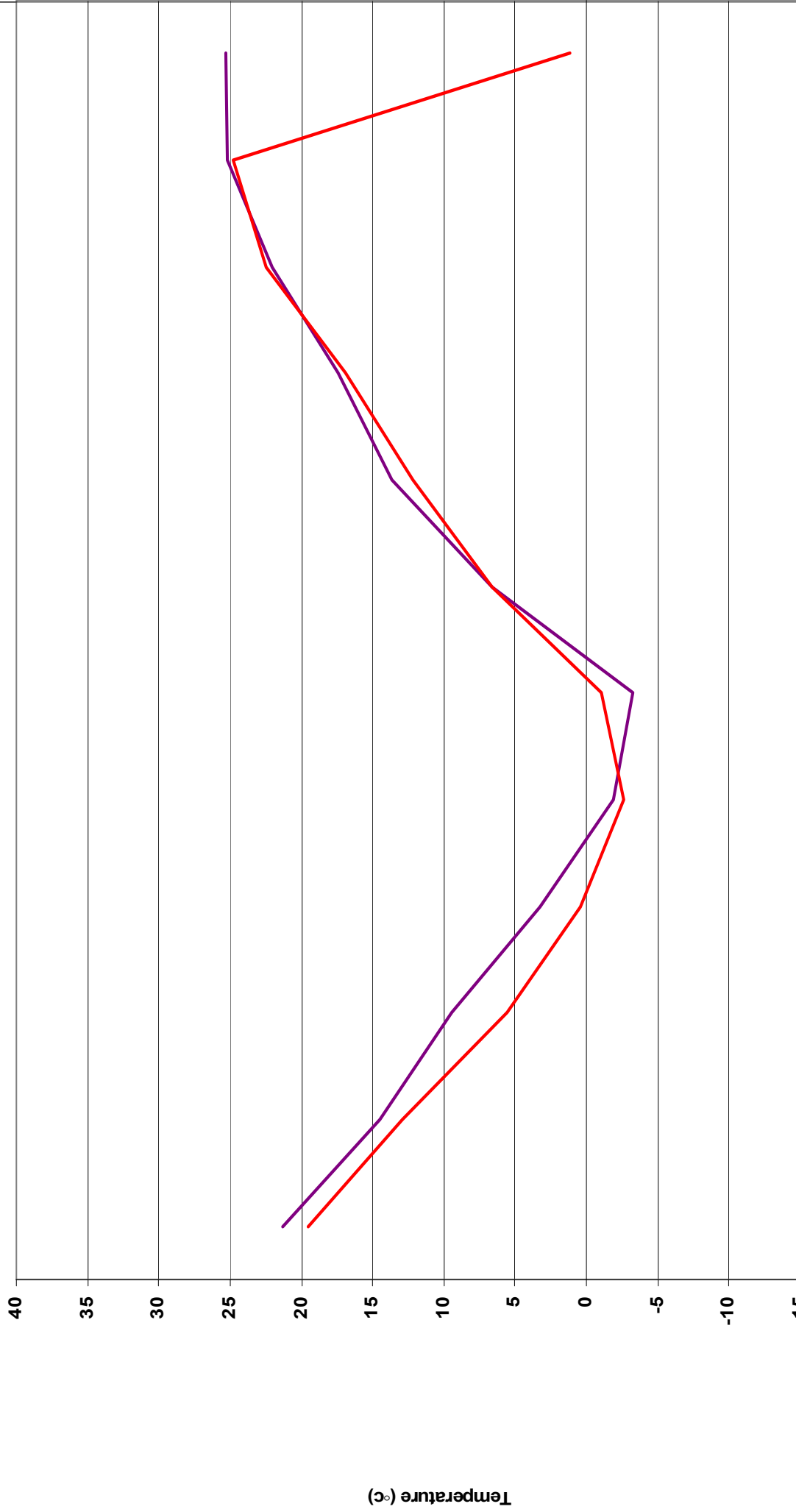
Comparison of Snowfall cm (2011 - 2012) with (2010 - 2011)



—●— September 2010 up to August 2011 —●— September 2011 up to August 2012

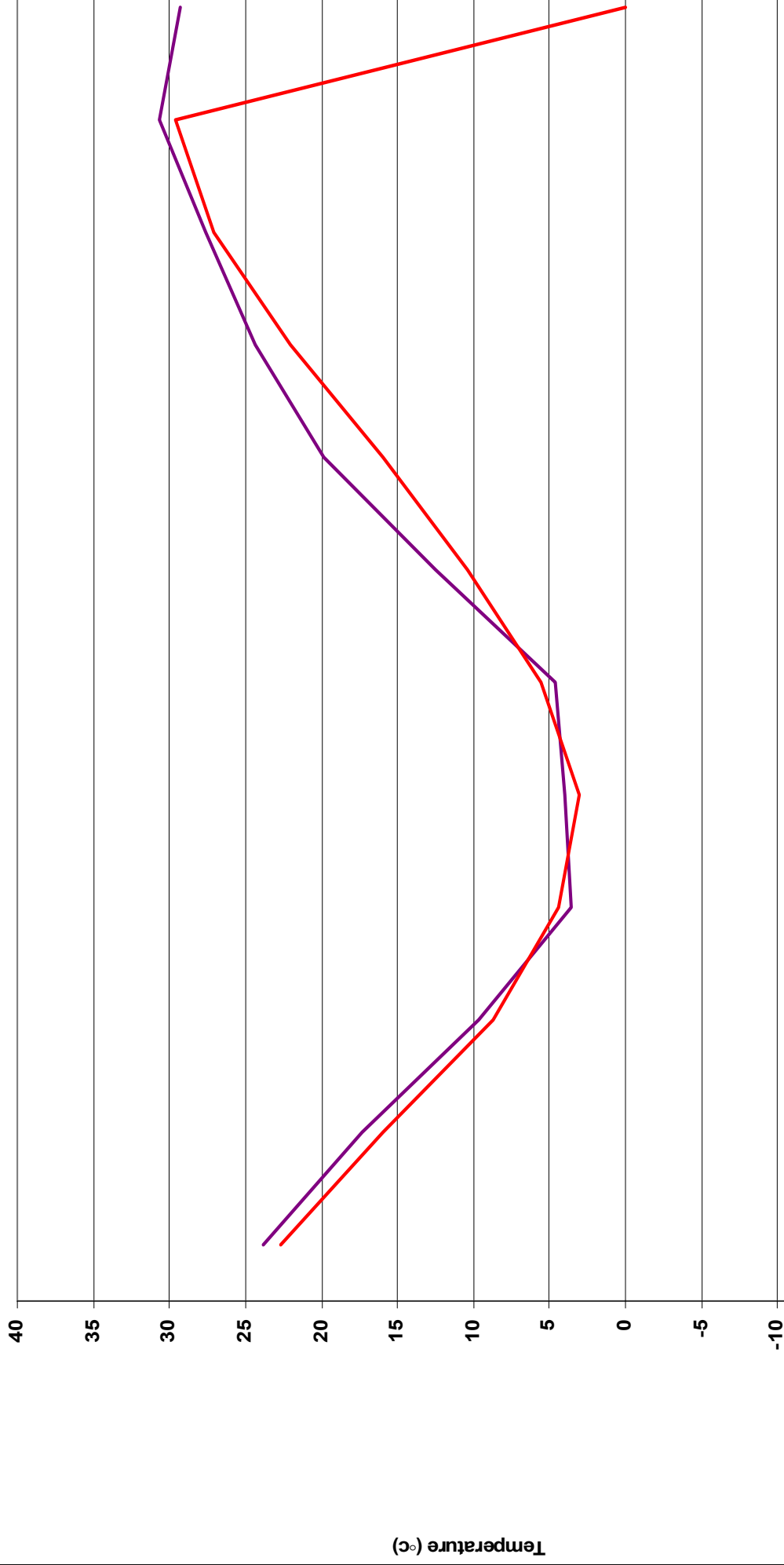
Average Temperature (2011-2012)
Compared with
Long Term Average

Kabul Average Temperature (2011 - 2012) Compared to the Long Term Average



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
— Avg.(2011 - 2012)	21.3	14.5	9.44	3.28	-1.87	-3.25	6.64	13.7	17.4	22.02	25.2	25.3
— Long Term Avg	19.5	12.9	5.6	0.4	-2.6	-1	6.6	12.2	16.9	22.5	24.8	1.2

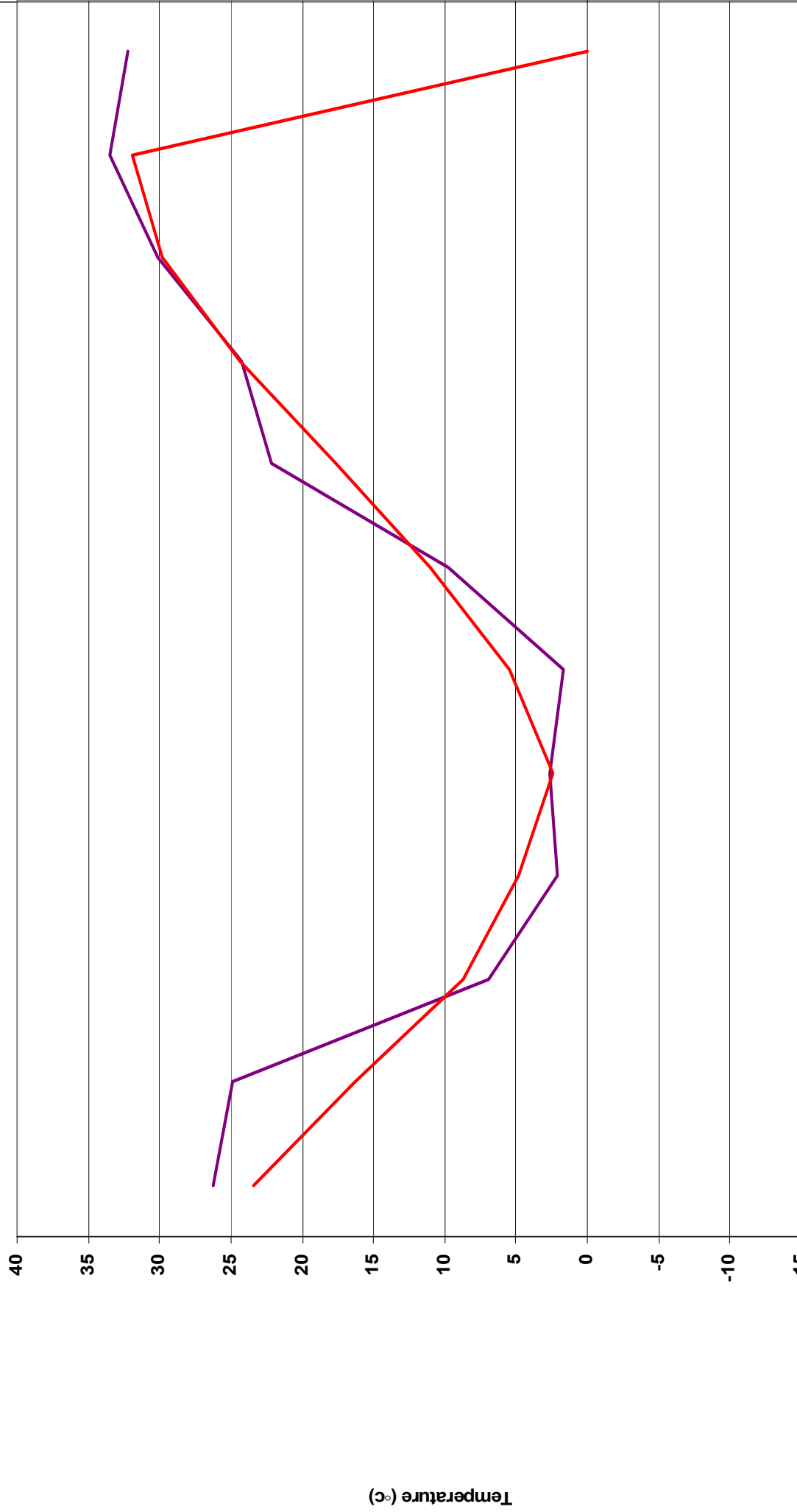
Hirat Average Temperature (2011 - 2012) Compared to the Long Term Average



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
— Avg.(2011 - 2012)	23.8	17.3	9.69	3.54	4.05	4.61	12.47	19.85	24.32	27.66	30.7	29.3
— Long Term Avg	22.7	16	8.7	4.4	3.1	5.6	10.4	16	22	27.1	29.6	0

Temperature (c)

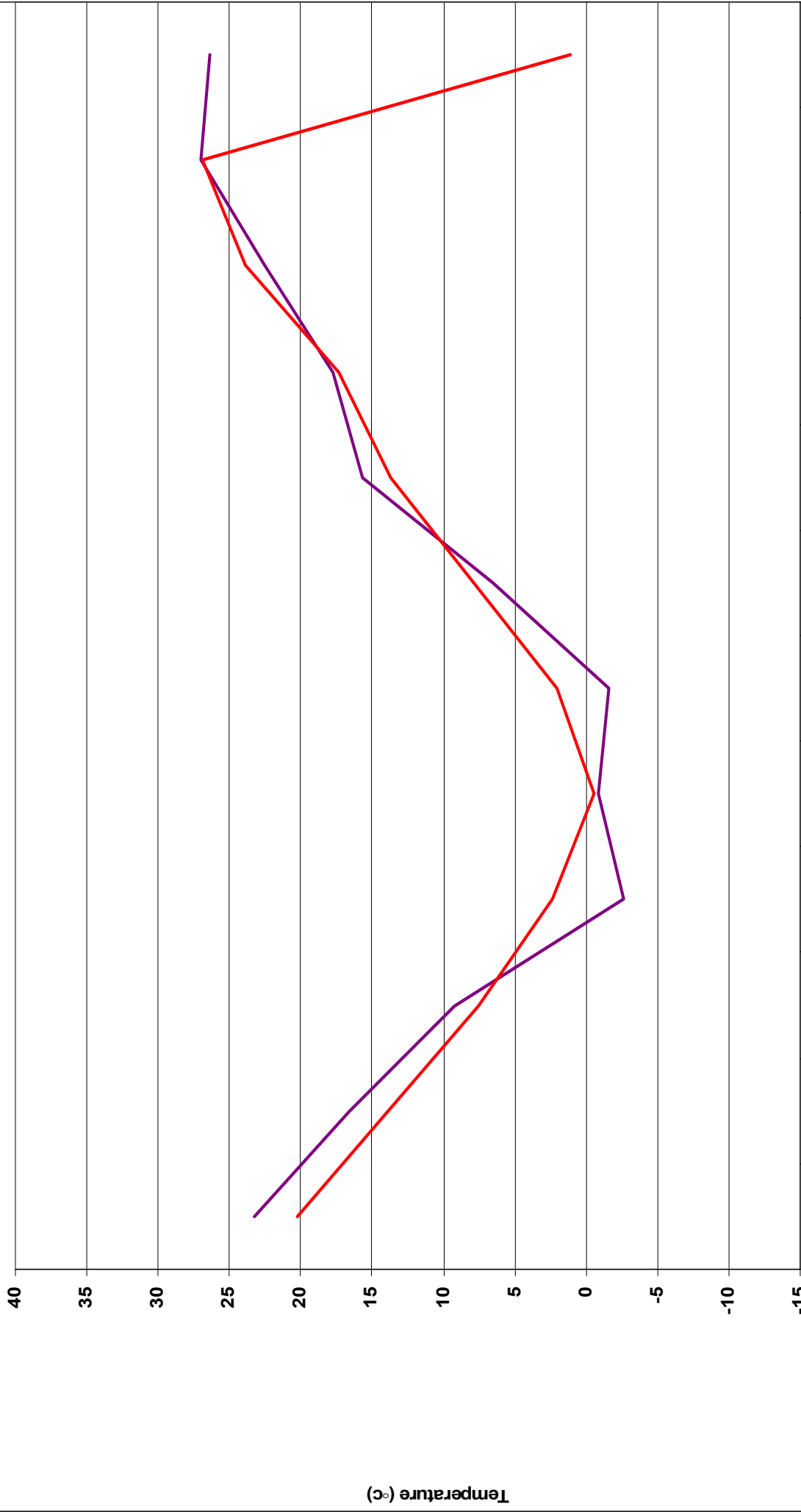
Mazarsharif Average Temperature (2011- 2012) Compared to the Long Term Average



Temperature (°C)

— Avg.(2011- 2012)
— Long Term Avg

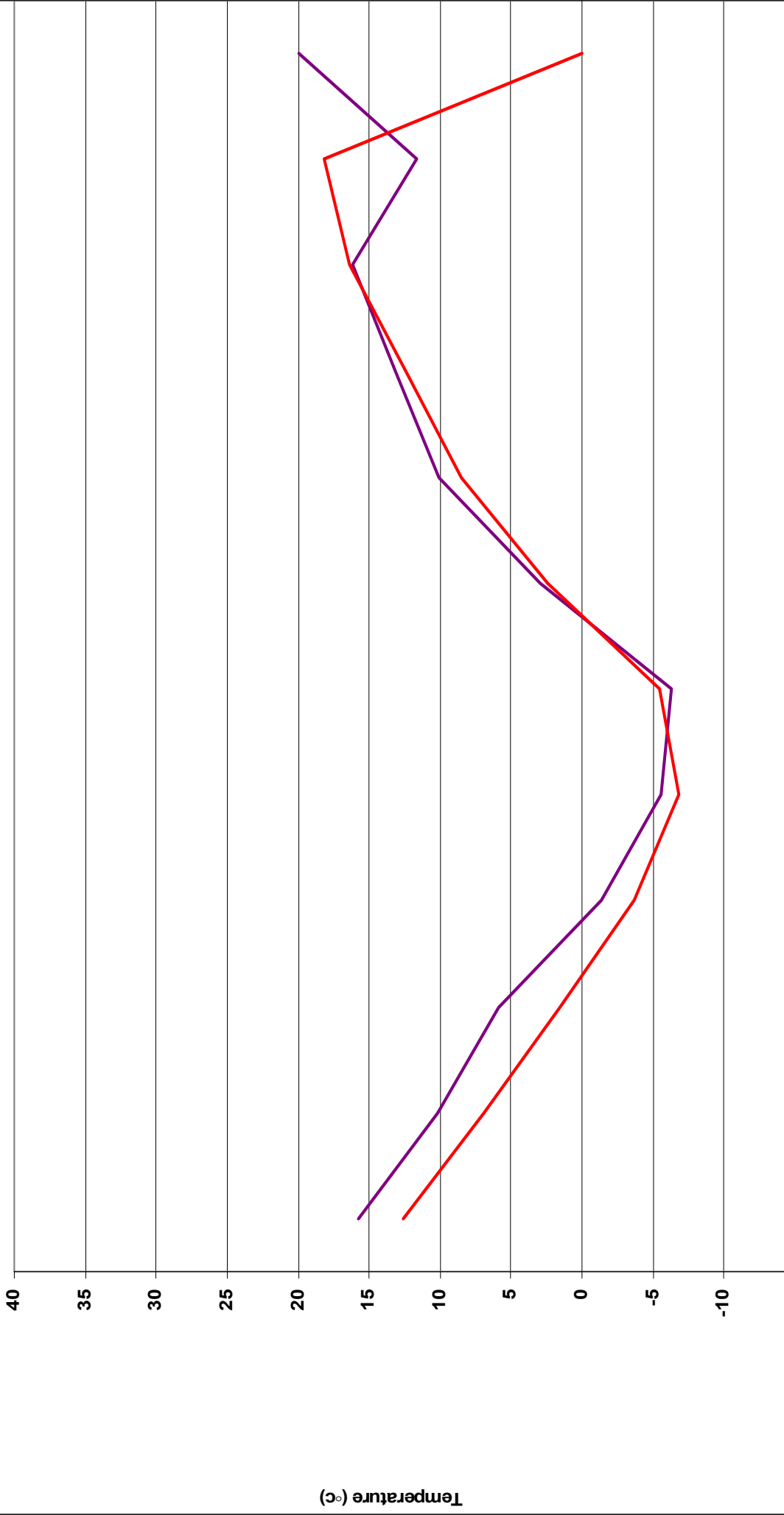
Faizabad Average Temperature (2011- 2012) Compared to the Long Term Average



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Avg.(2011- 2012)	23.3	16.6	9.24	-2.62	-0.9	-1.61	6.52	15.7	17.7	22.51	27	26.4
Long Term Avg	20.2	13.9	7.6	2.4	-0.6	2	7.9	13.7	17.3	23.9	26.9	1.1

Temperature (°C)

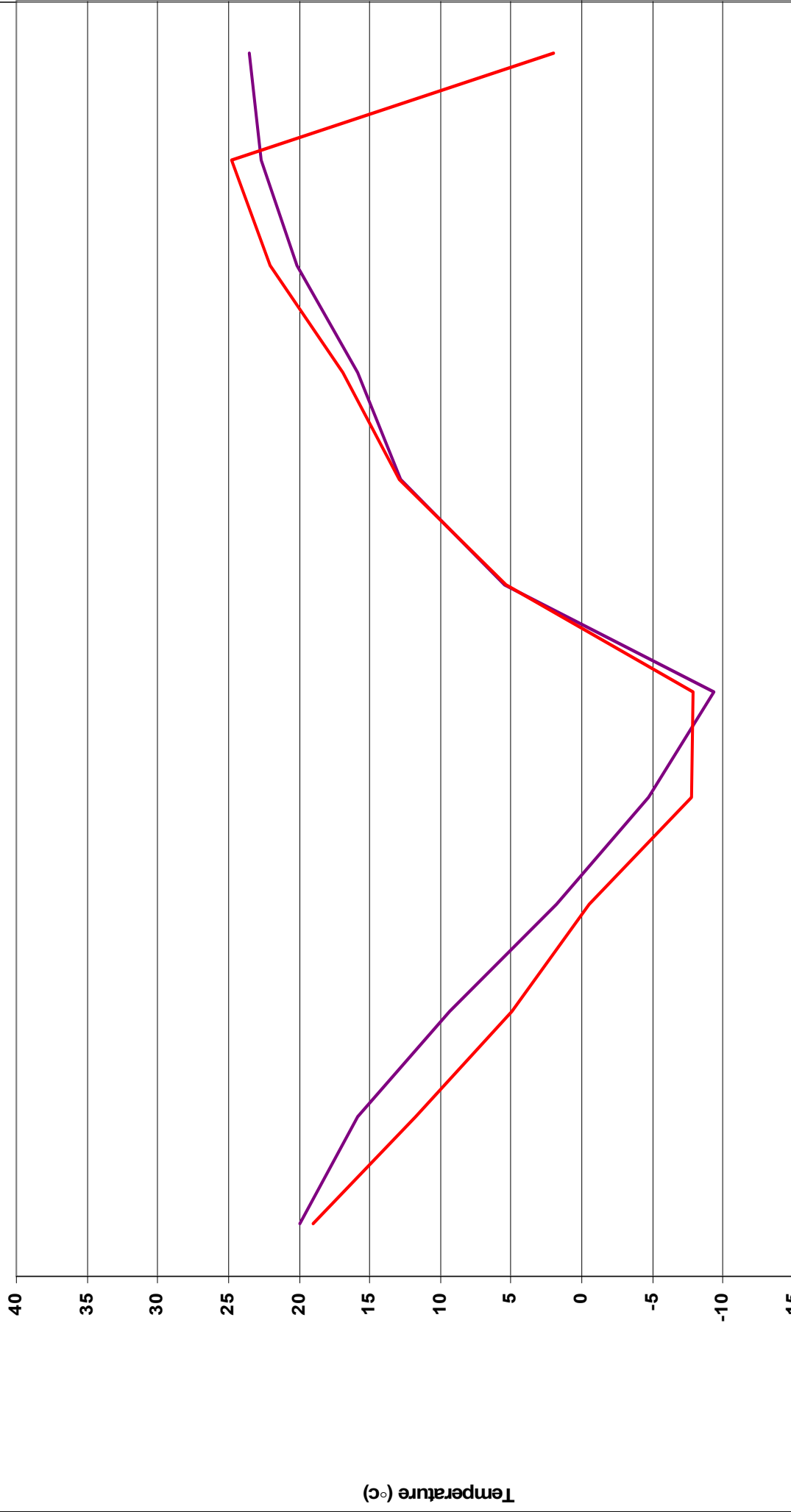
Bamyan Average Temperature (2011 - 2012) Compared to the Long Term Average



Temperature (°C)

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
— Avg.(2011 - 2012)	15.8	10.2	5.87	-1.38	-5.55	-6.33	2.91	10.1	13.15	16.22	11.63	19.9
— Long Term Avg	12.6	6.9	1.6	-3.7	-6.8	-5.4	2.4	8.5	12.4	16.4	18.2	0

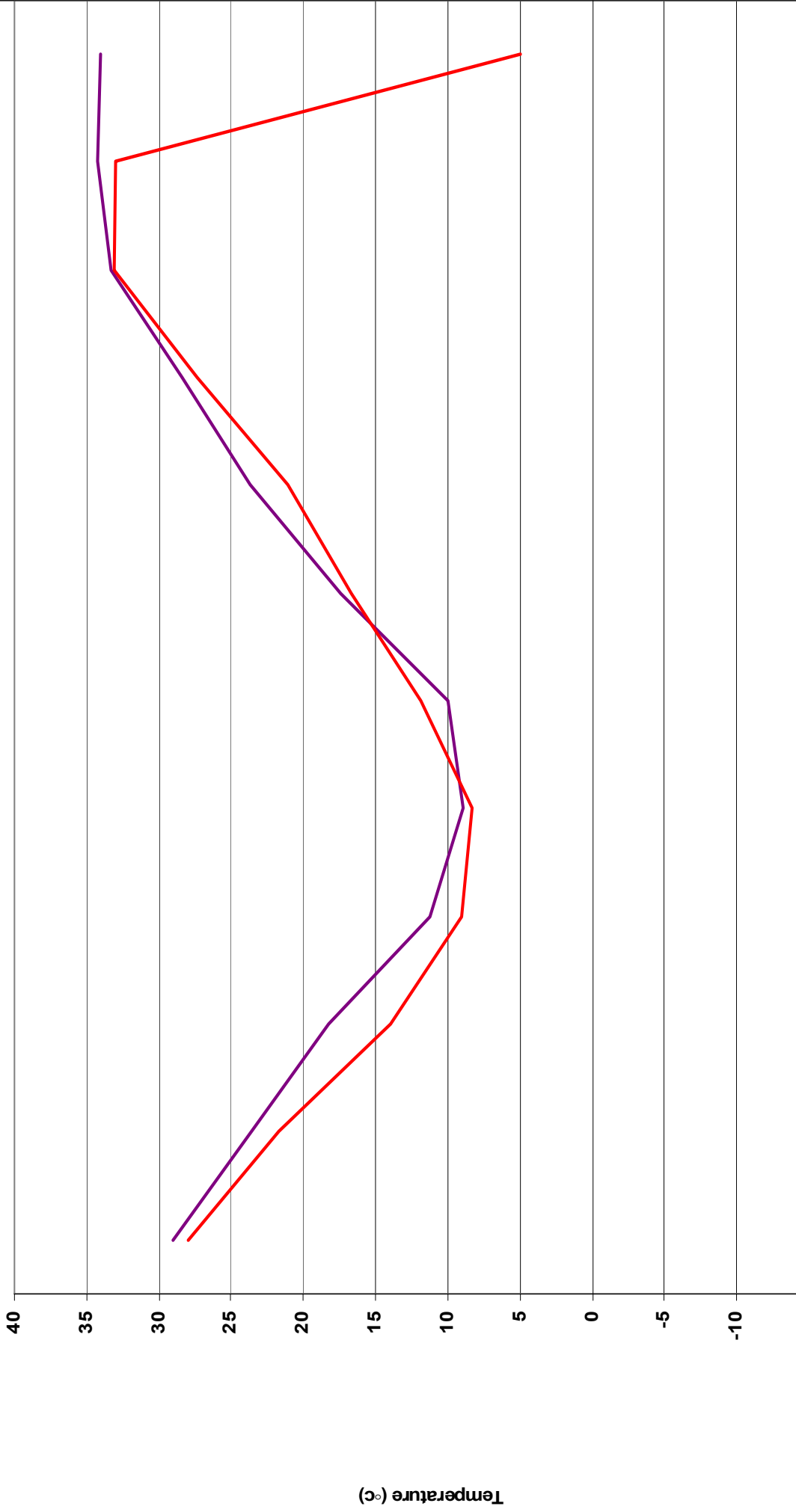
Logar Average Temperature (2011 - 2012) Compared to the Long Term Average



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
— Avg.(2011 - 2012)	20	15.9	9.3	1.82	-4.69	-9.31	5.47	12.8	15.9	20.2	22.7	23.5
— Long Term Avg	19	11.8	4.9	-0.5	-7.8	-7.9	5.4	12.9	16.9	22.1	24.8	2

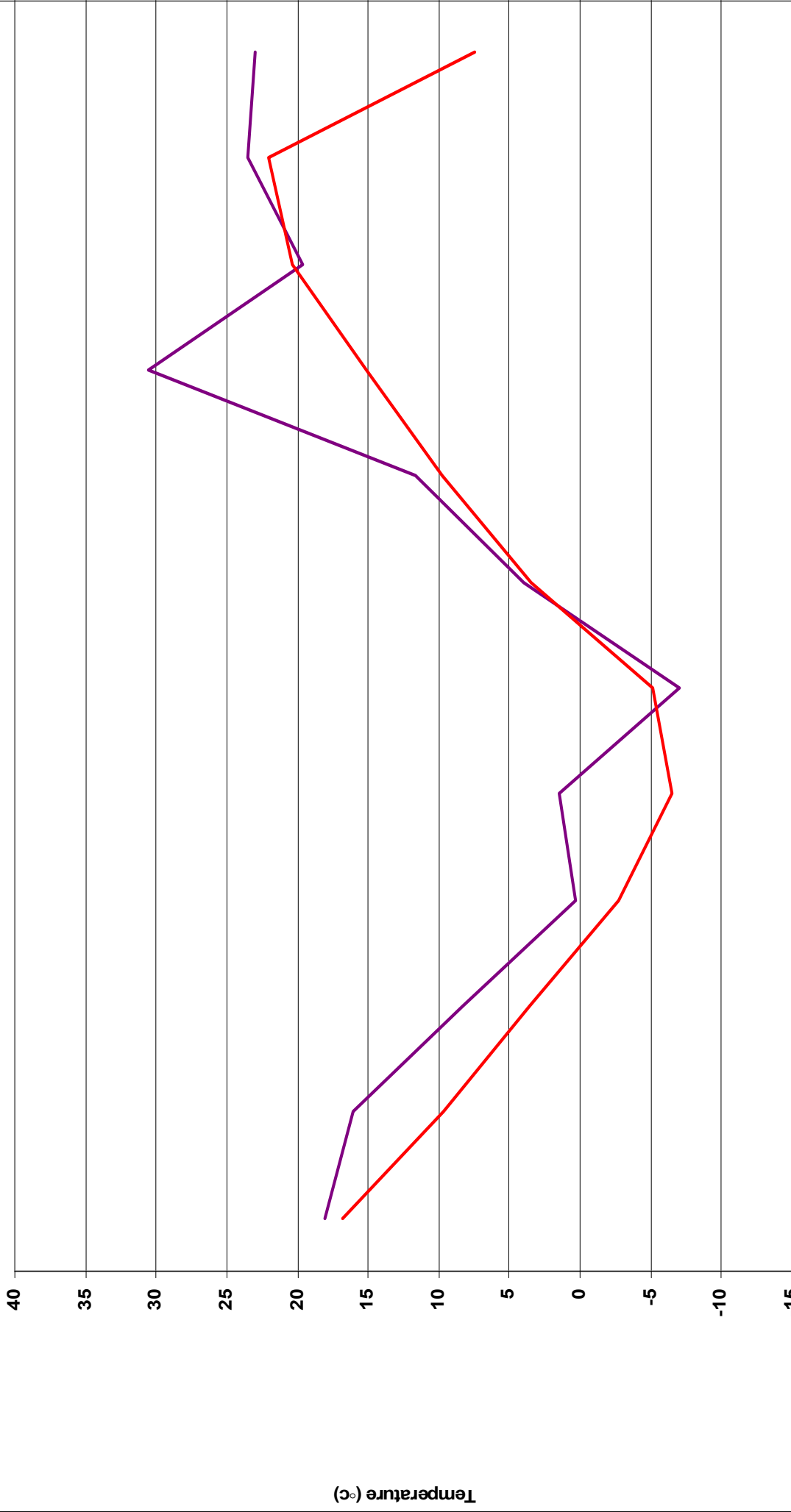
Temperature (°C)

Jalalabad Average Temperature (2011 - 2012) Compared to the Long Term Average



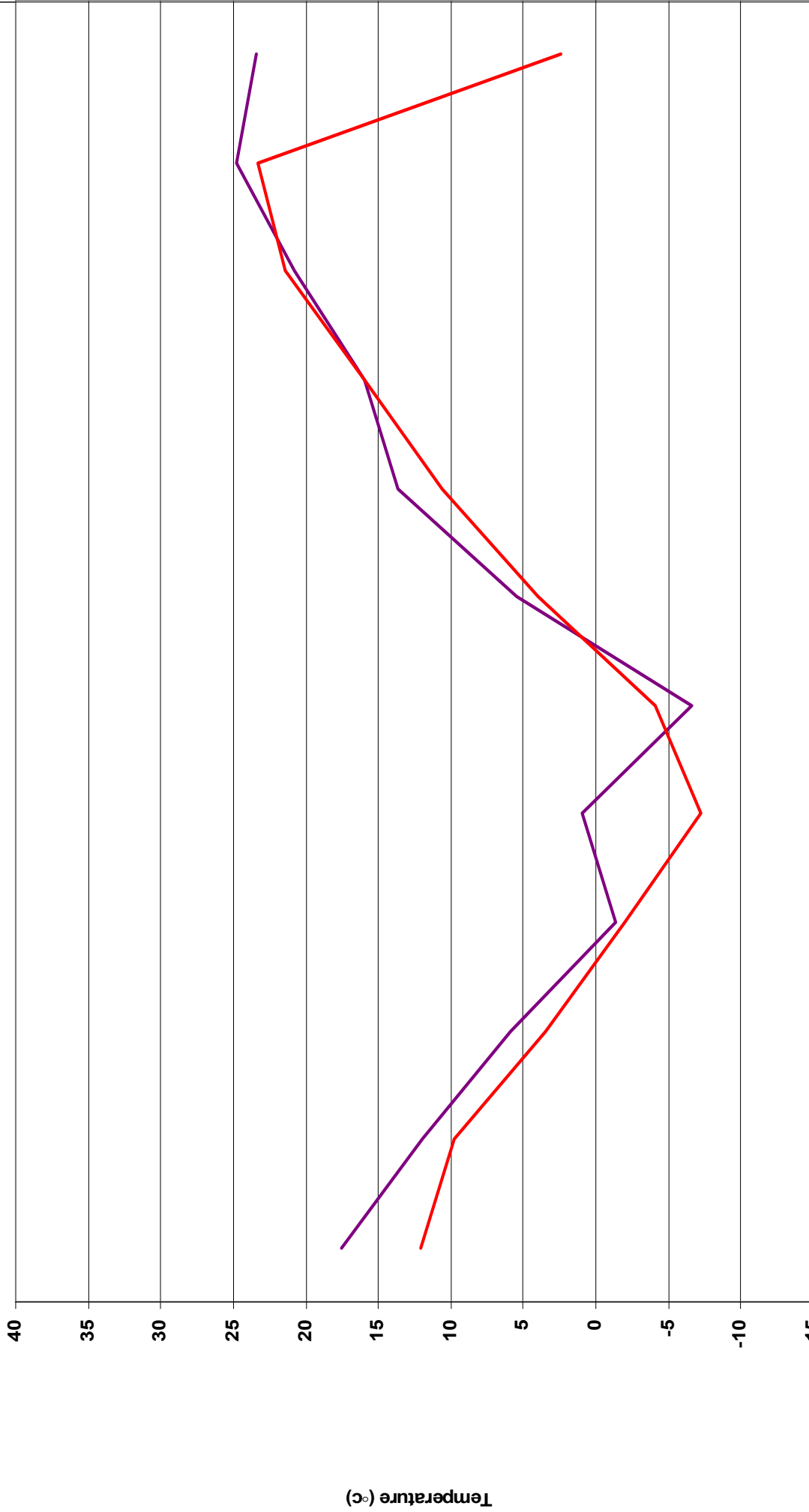
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Avg.(2011 - 2012)	29	23.6	18.2	11.2	8.94	10	17.42	23.68	28.4	33.3	34.3	34
Long Term Avg	28	21.7	14	9.1	8.3	11.9	16.7	21.1	27.3	33.1	33	5

Gardiz Average Temperature (2011 - 2012) Compared to the Long Term Average



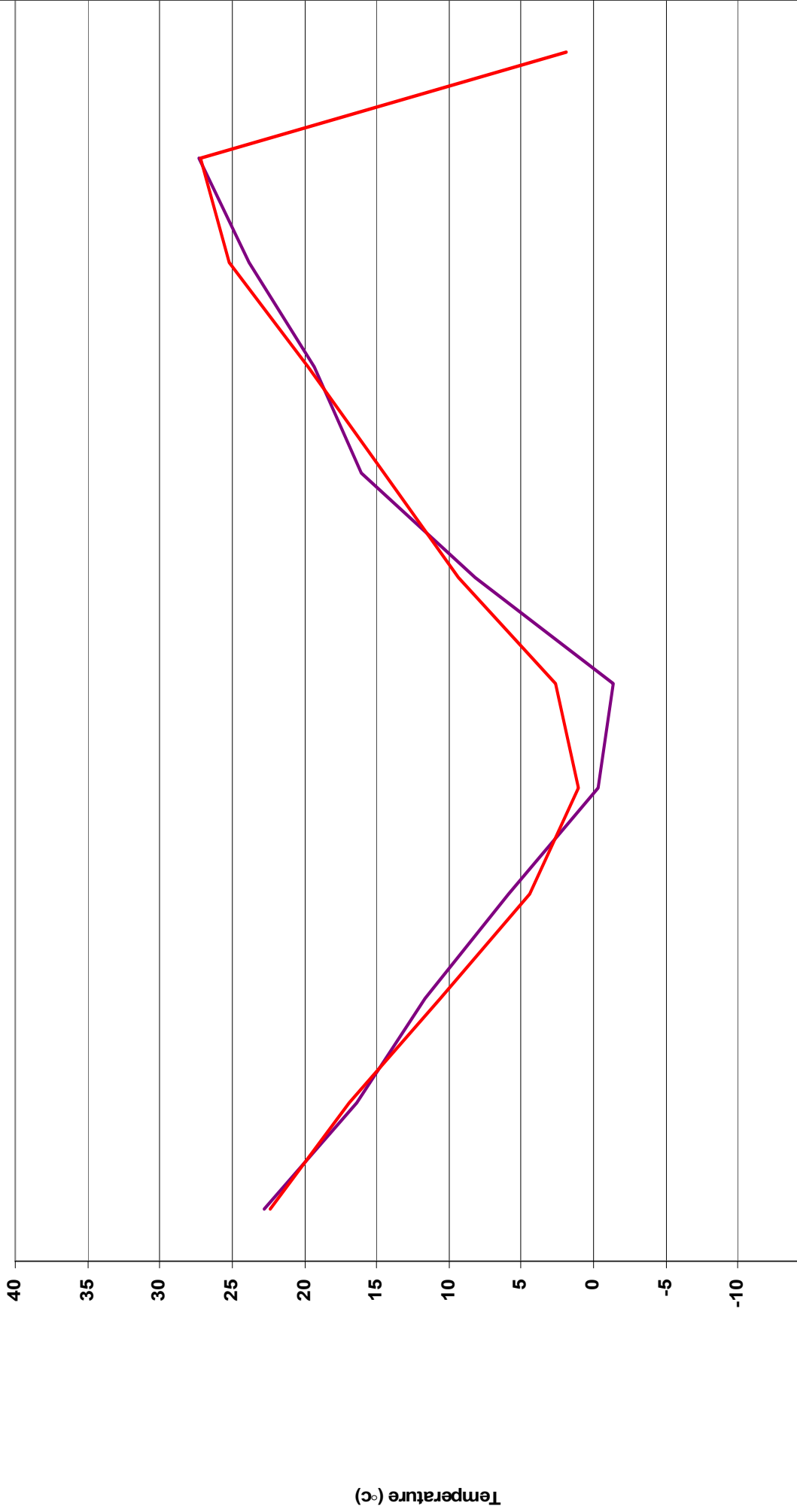
Month	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Avg.(2011 - 2012)	18.1	16.1	8.35	0.3	1.48	-7.03	4.02	11.63	30.52	19.61	23.5	23
Long Term Avg	16.8	9.7	3.6	-2.7	-6.5	-5.1	3.5	9.8	15.1	20.4	22	7.5

Ghazni Average Temperature (2011 - 2012) Compared to the Long Term Average



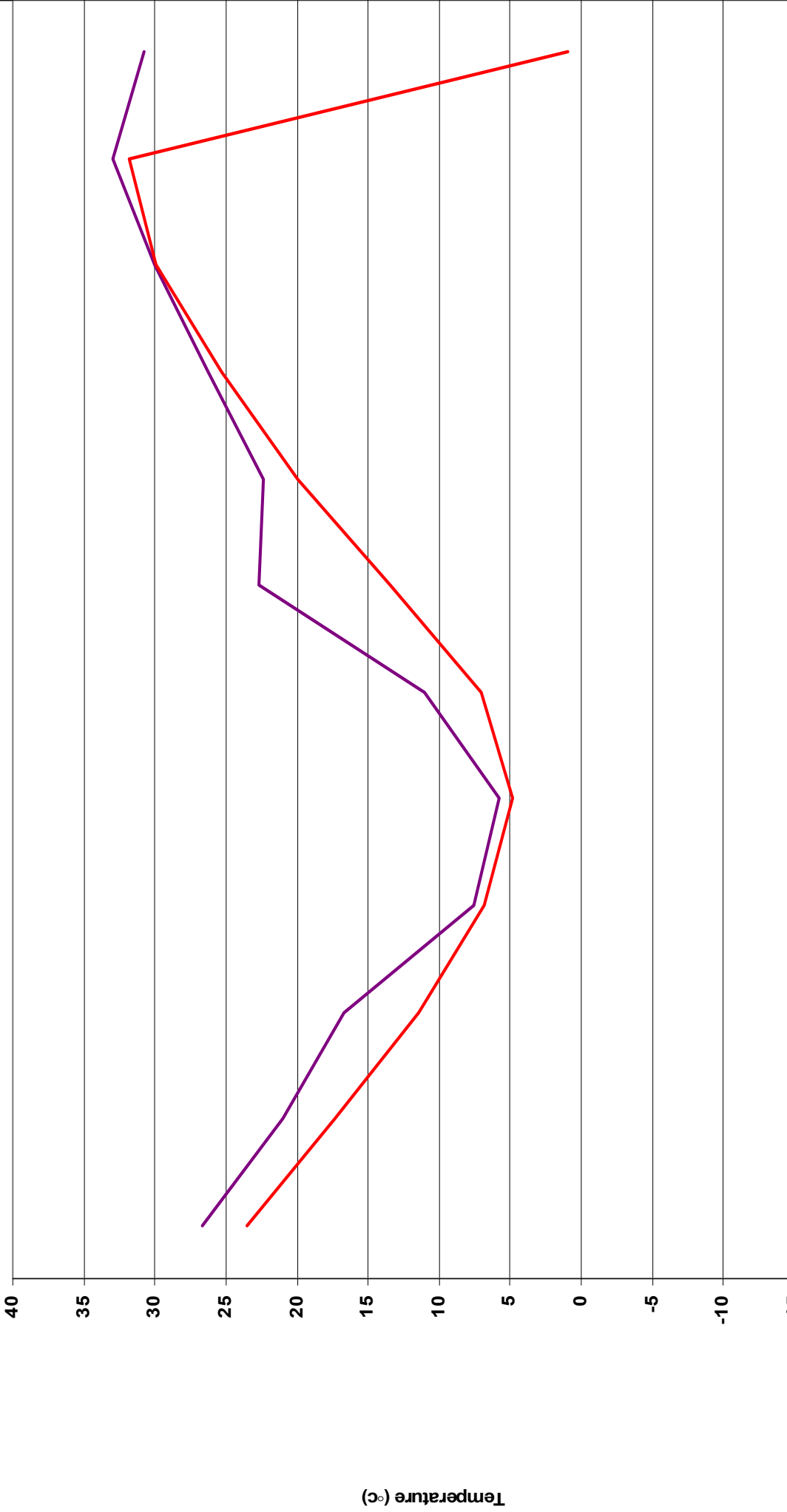
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Avg.(2011 - 2012)	17.5	12	5.88	-1.4	0.92	-6.65	5.48	13.69	15.96	20.84	24.8	23.4
Long Term Avg	12.1	9.8	3.5	-2	-7.2	-4.1	4	10.6	16	21.4	23.3	2.4

Jabulsaraj Average Temperature (2011- 2012) Compared to the Long Term Average



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Avg.(2011- 2012)	22.79	16.41	11.63	5.91	-0.31	-1.38	8.21	16.06	19.36	23.84	27.33	
Long Term Avg	22.4	16.9	10.6	4.4	1.1	2.6	9.3	14.5	19.7	25.2	27.2	1.9

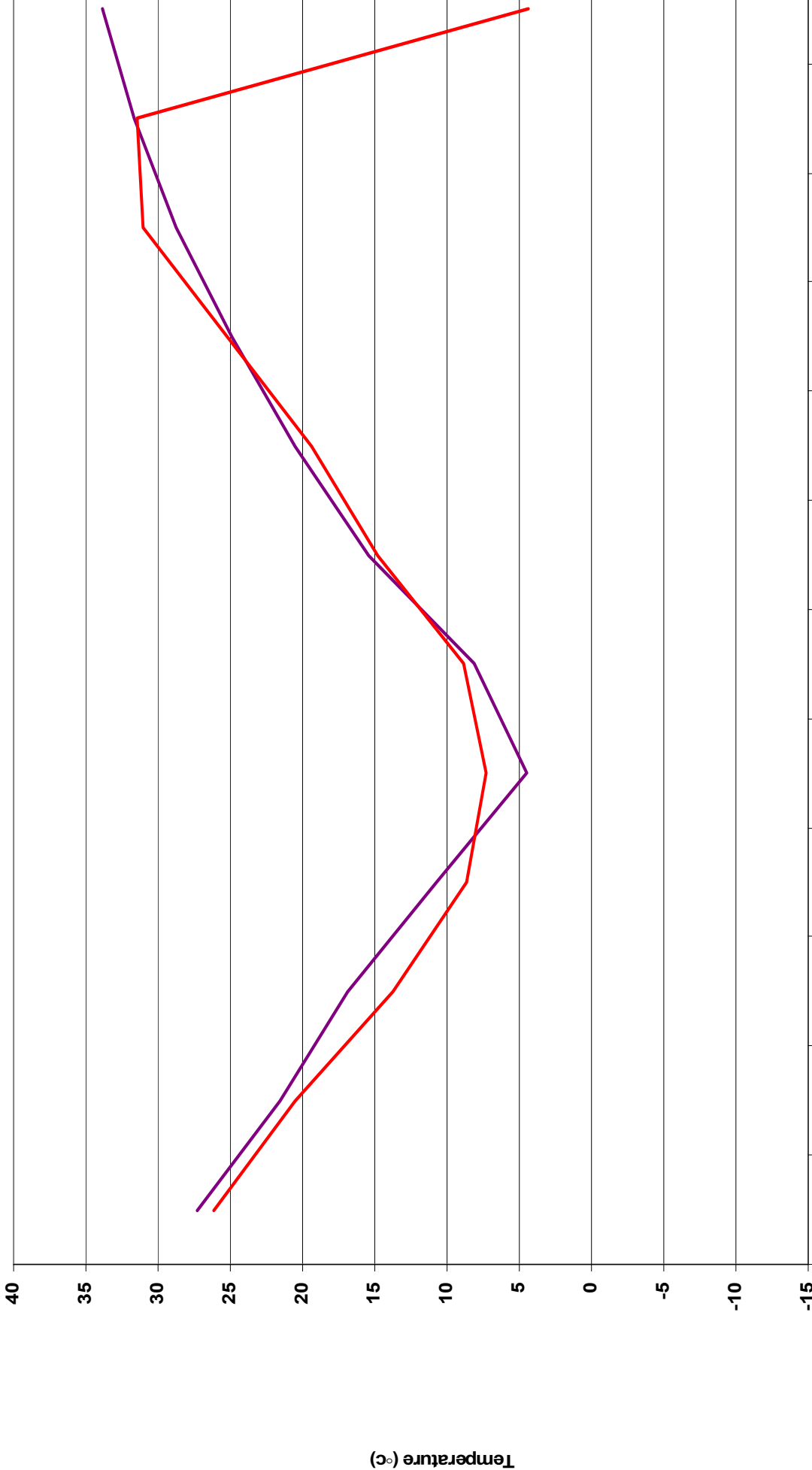
Kandahar Average Temperature (2011 - 2012) Compared to the Long Term Average



Temperature (°C)

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
— Avg.(2011 - 2012)	26.7	21	16.7	7.54	5.75	11	22.69	22.33	26.3	30	33	30.8
— Long Term Avg	23.5	17.3	11.4	6.8	4.8	7	13.4	19.9	25.3	29.9	31.8	1

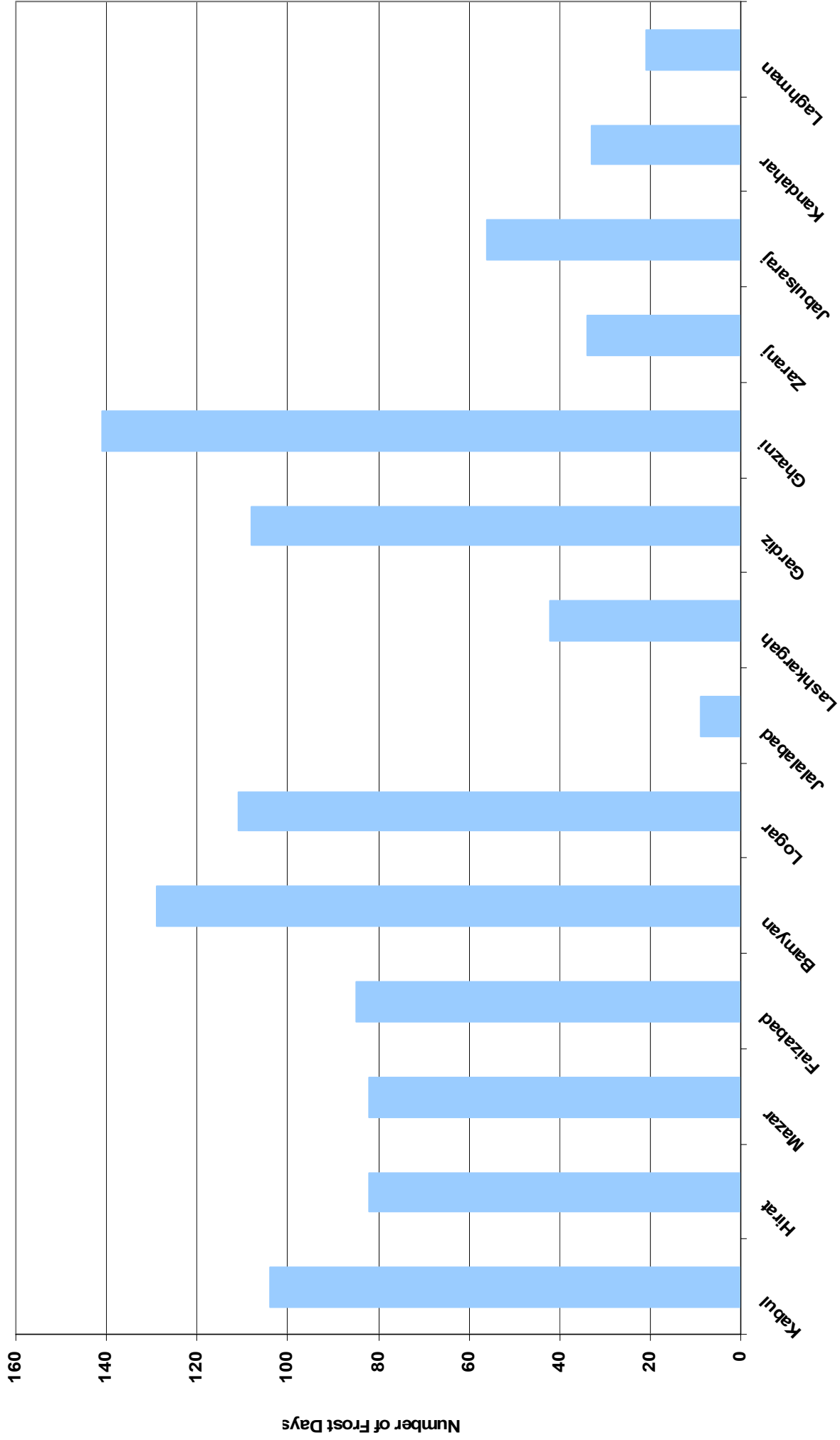
Laghman Average Temperature (2011- 2012) Compared to the Long Term Average



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Avg.(2011- 2012)	27.3	21.6	16.9	10.7	4.51	8.12	15.4	20.5	24.9	28.77	31.7	33.9
Long Term Avg	26.1	20.5	13.8	8.6	7.3	8.9	14.8	19.4	25.2	31	31.5	4.4

Frost Days
Compared with
Last Year and Long Term Average
Agricultural Season (2011 - 2012)

Number of Frost Days in Afghanistan (2011 - 2012)



Number of Frost Days in Afghanistan (2011- 2012)

