

Annex 1:

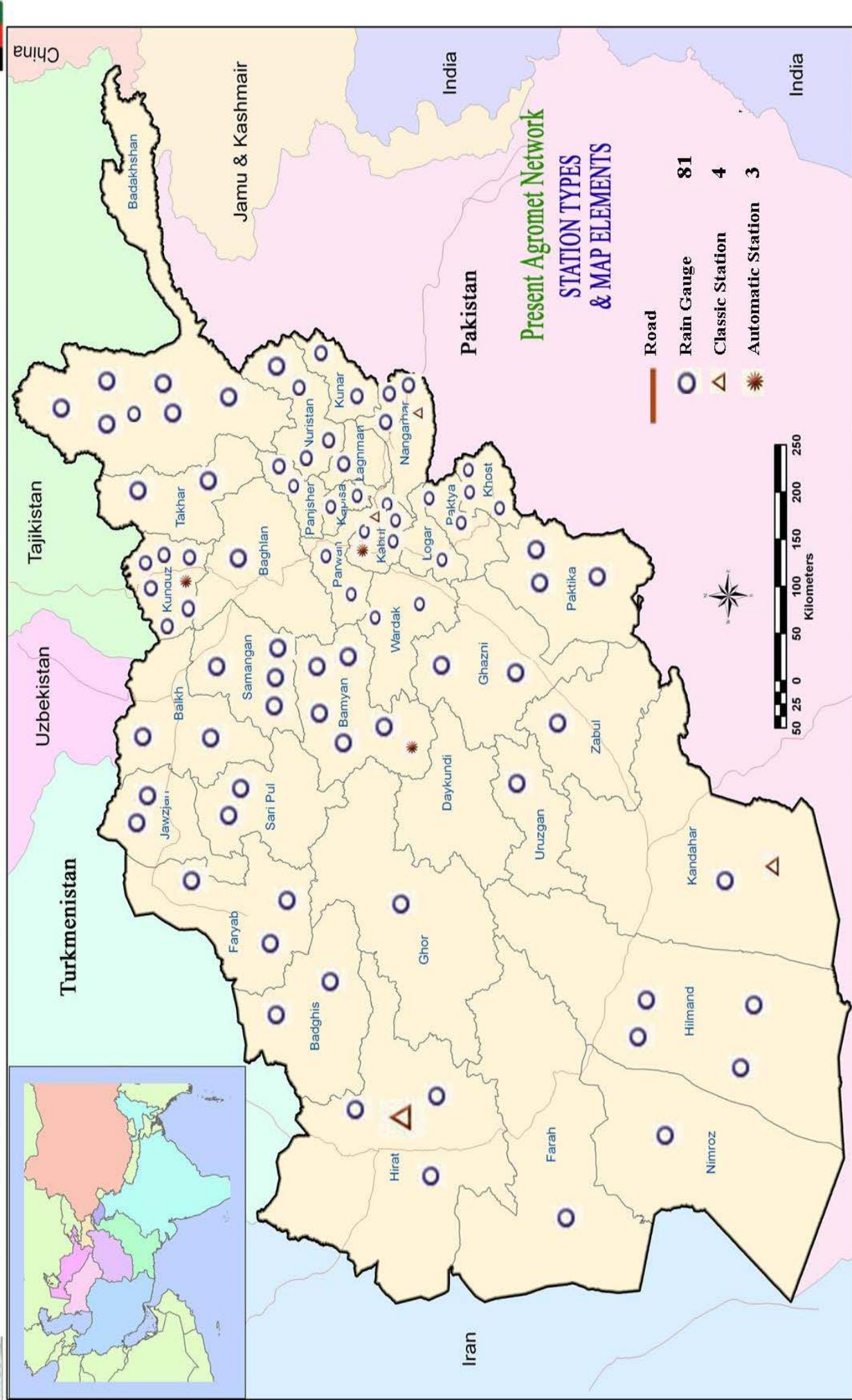
Agromet Network Agromet Project Situation

A: Weather Stations

B: Crop Monitoring

MAIL/USGS Agromet Project: Status as of September 2010

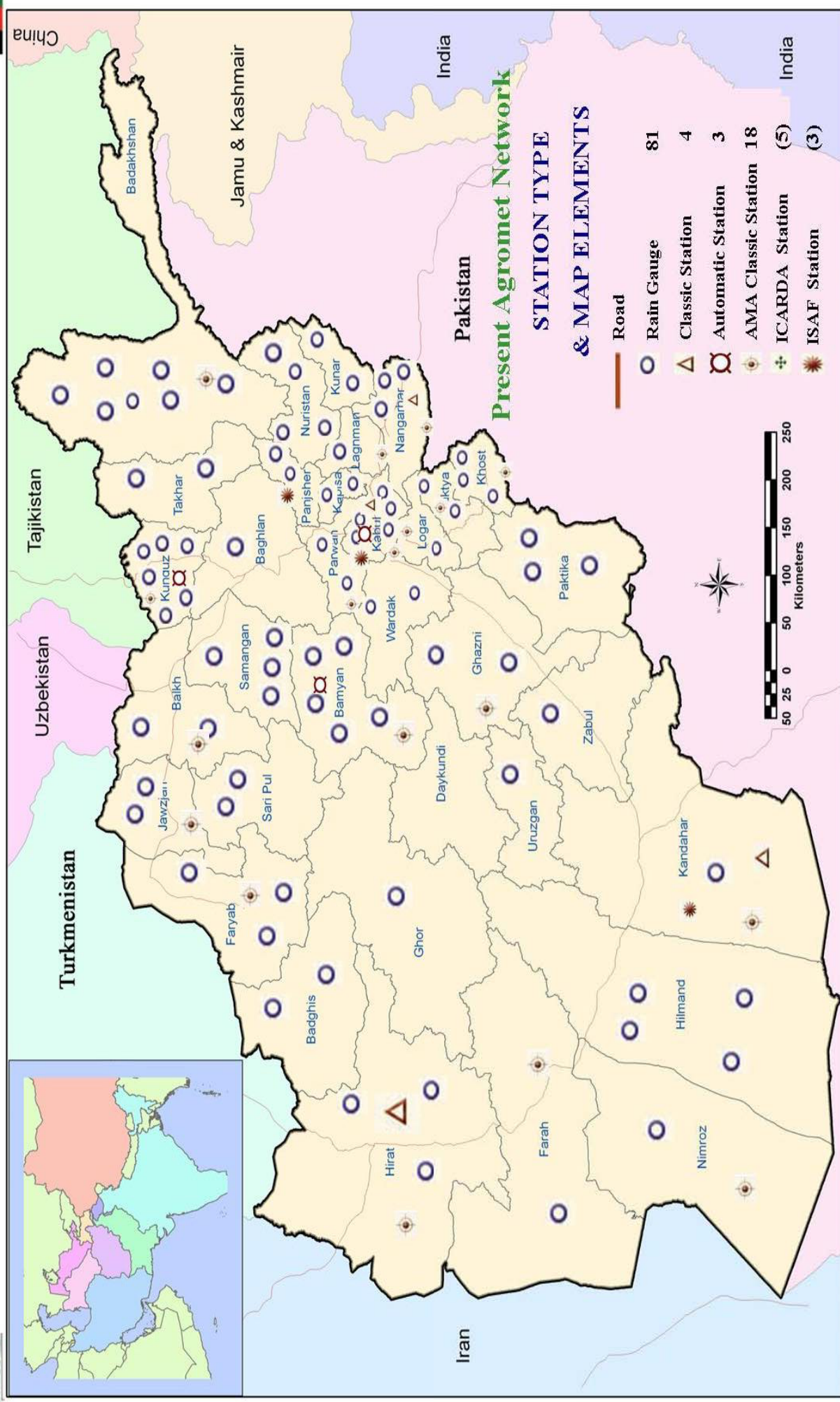
- 1) **MAIL/USGS** Agromet Project was established in Afghanistan 1st January 2004 to install a network of Agrometeorological stations and develop a complete Agromet services. To date, the Agromet Project has installed and is managing 87 sites. All 87 sites record rainfall and snowfall. In addition to rainfall and snowfall, 77 out of 87 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 6 years (taken from 89 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 90 Observers paid through incentives, five 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 newsflashes 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.



DATA SOURCE: USGS AGROMET PROJECT

Date: 3/10/2010

All the Stations are not in the exact geographical location



All the Stations are not in the exact geographical location

DATA SOURCE: USGS AGROMET PROJECT

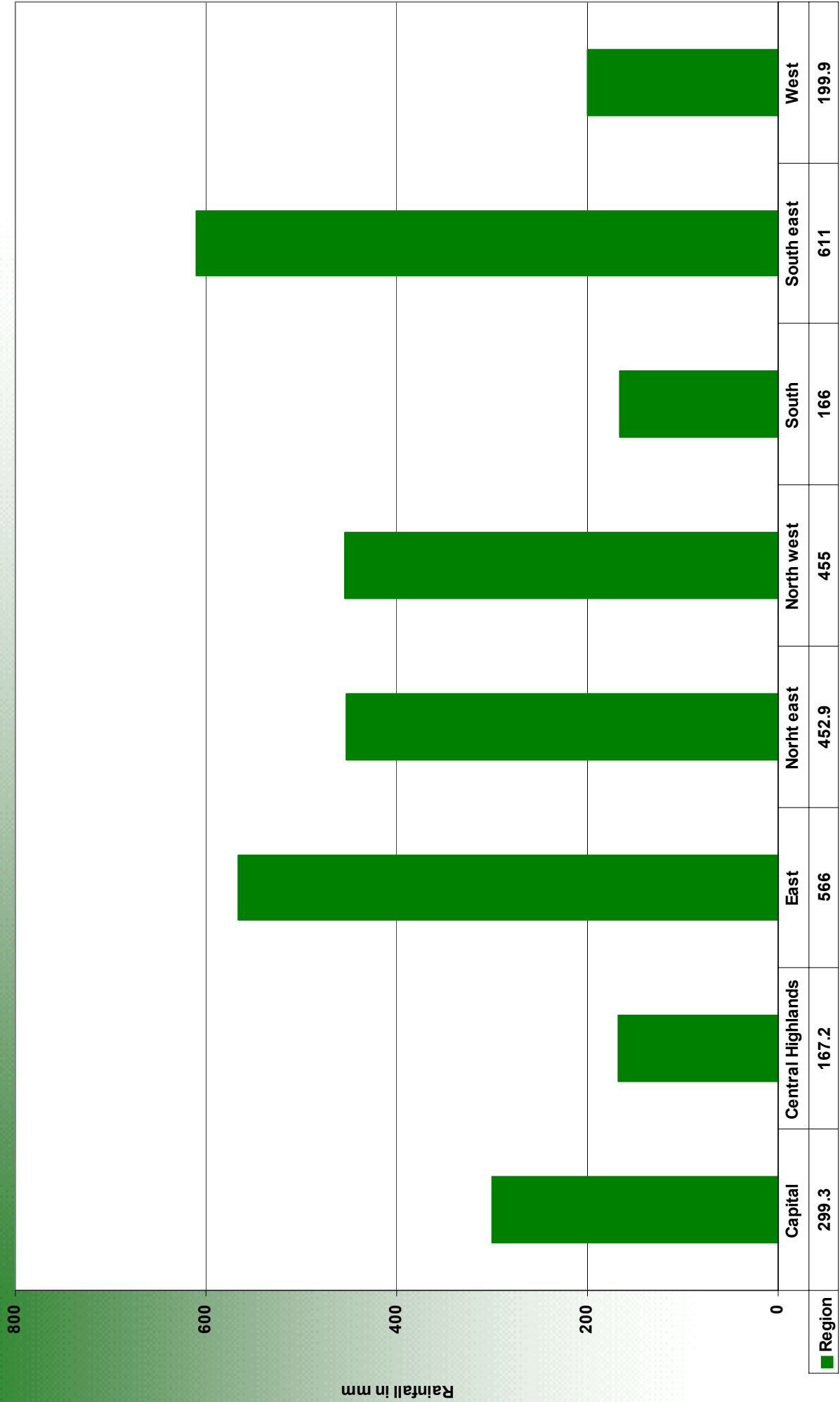
Date:12/12/2010

Rainfall Season Length in Dekads by Region (2009-2010) Compared to (2007-2008)

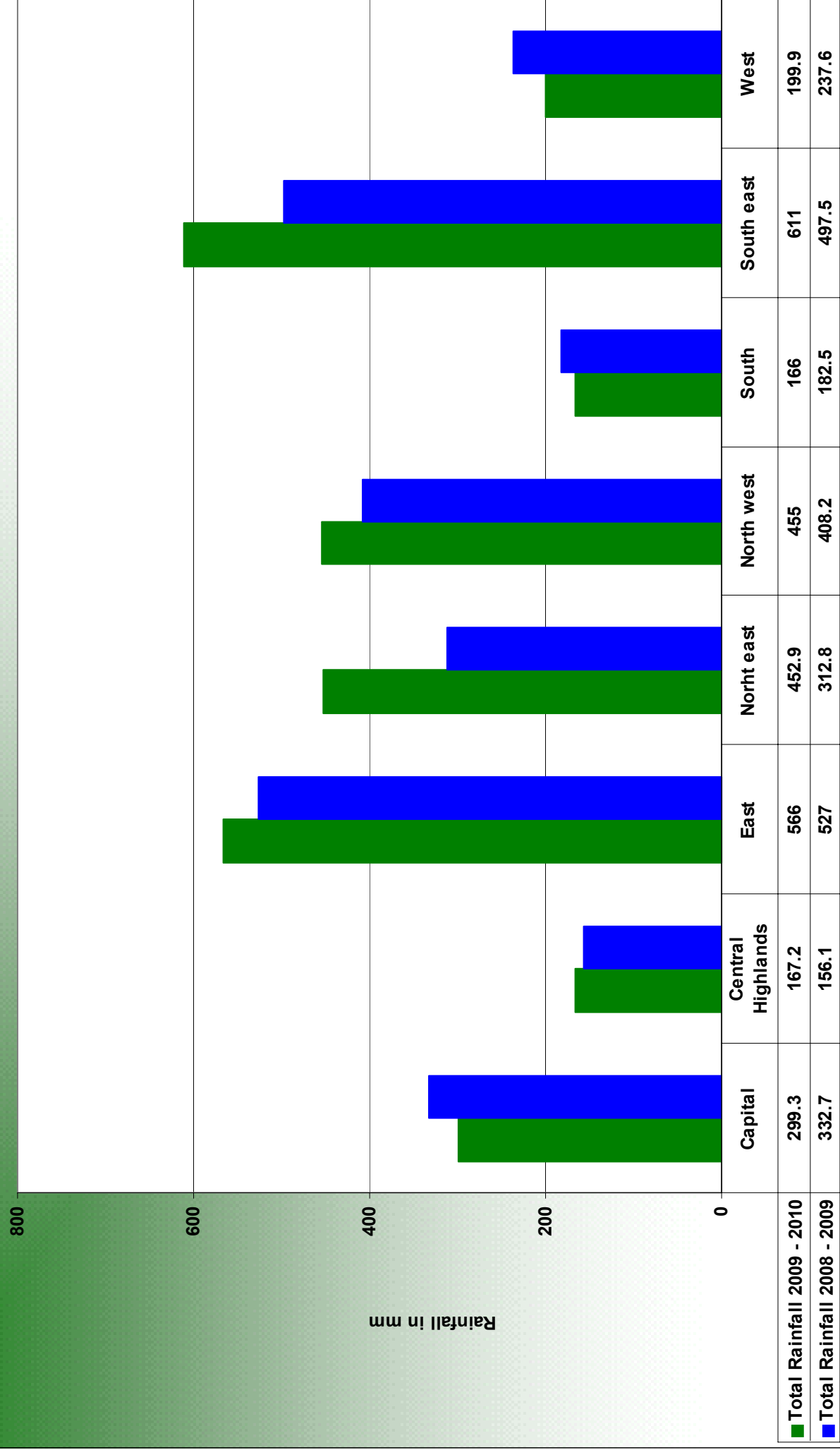


Average Recorded Rainfall (mm) By Regions - Afghanistan Season (2009 - 2010)													
Region	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Yearly Total
Capital	6.2	9.0	31.6	22.0	23.4	78.2	31.7	55.2	80.8	7.9	19.2	36.6	401.8
Central Highlands	5.2	5.4	19.1	13.9	8.7	53.4	11.9	47.6	112.7	13.9	3.1	15.9	310.9
East	37.1	4.0	27.1	13.7	32.7	73.6	23.8	48.7	55.4	21.0	88.9	49.3	475.0
North east	4.2	3.6	43.0	40.0	15.5	78.2	62.7	43.9	78.7	33.6	7.3	0.6	411.2
North west	0.0	1.1	47.4	49.0	12.2	69.1	48.4	49.1	60.8	9.8	2.2	0.0	349.0
South	0.0	0.0	0.9	64.3	25.3	62.1	5.2	16.4	3.7	0.0	0.0	0.0	177.8
South east	2.7	0.3	9.7	11.7	34.6	87.5	28.0	8.4	48.3	18.4	64.9	92.3	406.7
West	0.2	1.1	19.9	32.4	14.5	51.5	43.1	20.8	10.5	0.1	0.0	0.0	194.3
Minimum	0.0	0.0	0.9	11.7	8.7	51.5	5.2	8.4	3.7	0.0	0.0	0.0	90.1
Maximum	37.1	9.0	47.4	64.3	34.6	87.5	62.7	55.2	112.7	33.6	88.9	92.3	725.2
Average	6.9	3.1	24.8	30.9	20.9	69.2	31.8	36.3	56.4	13.1	23.2	24.3	340.8

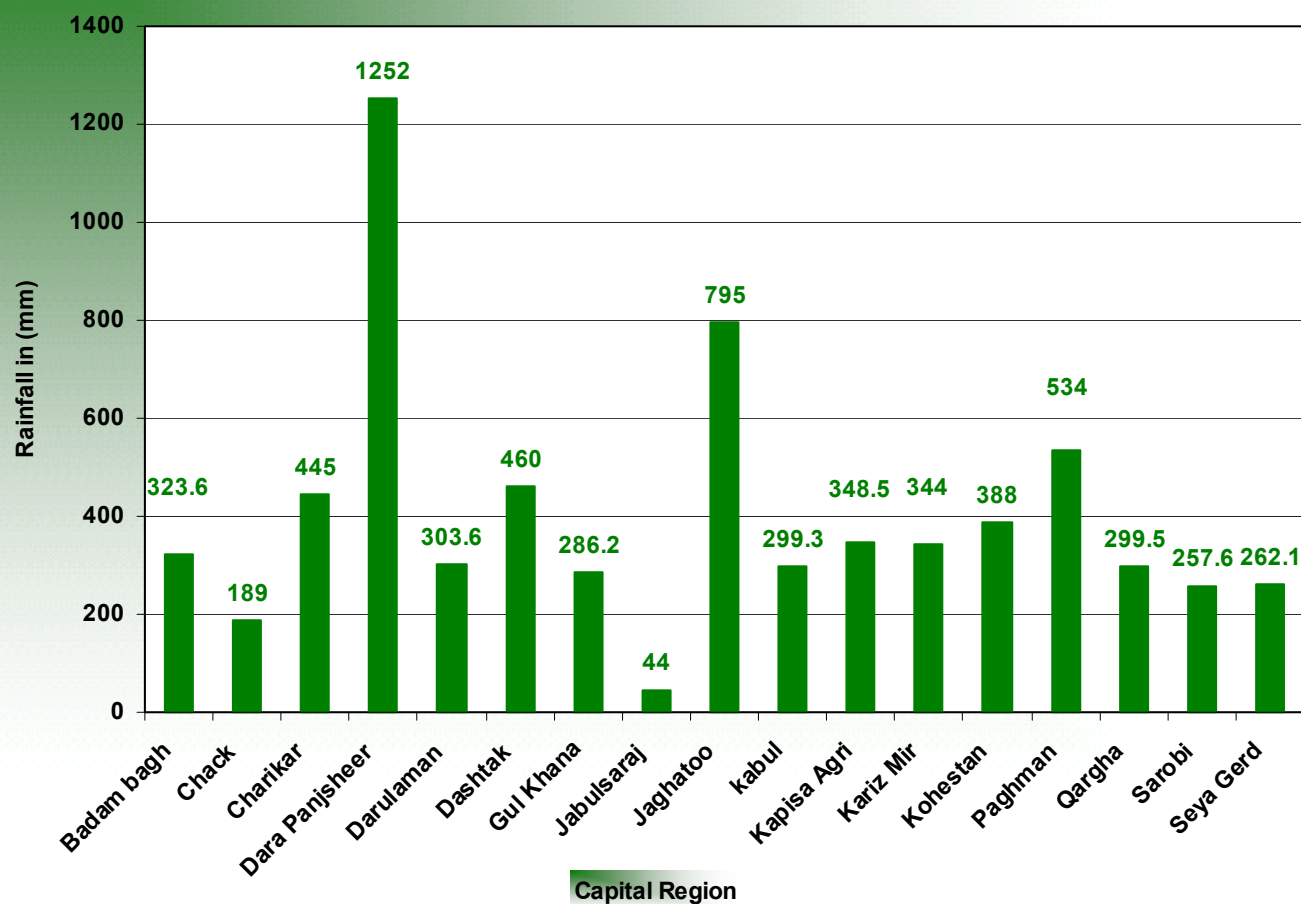
Accumulated Yearly Rainfall By Region in mm (2009 - 2010)



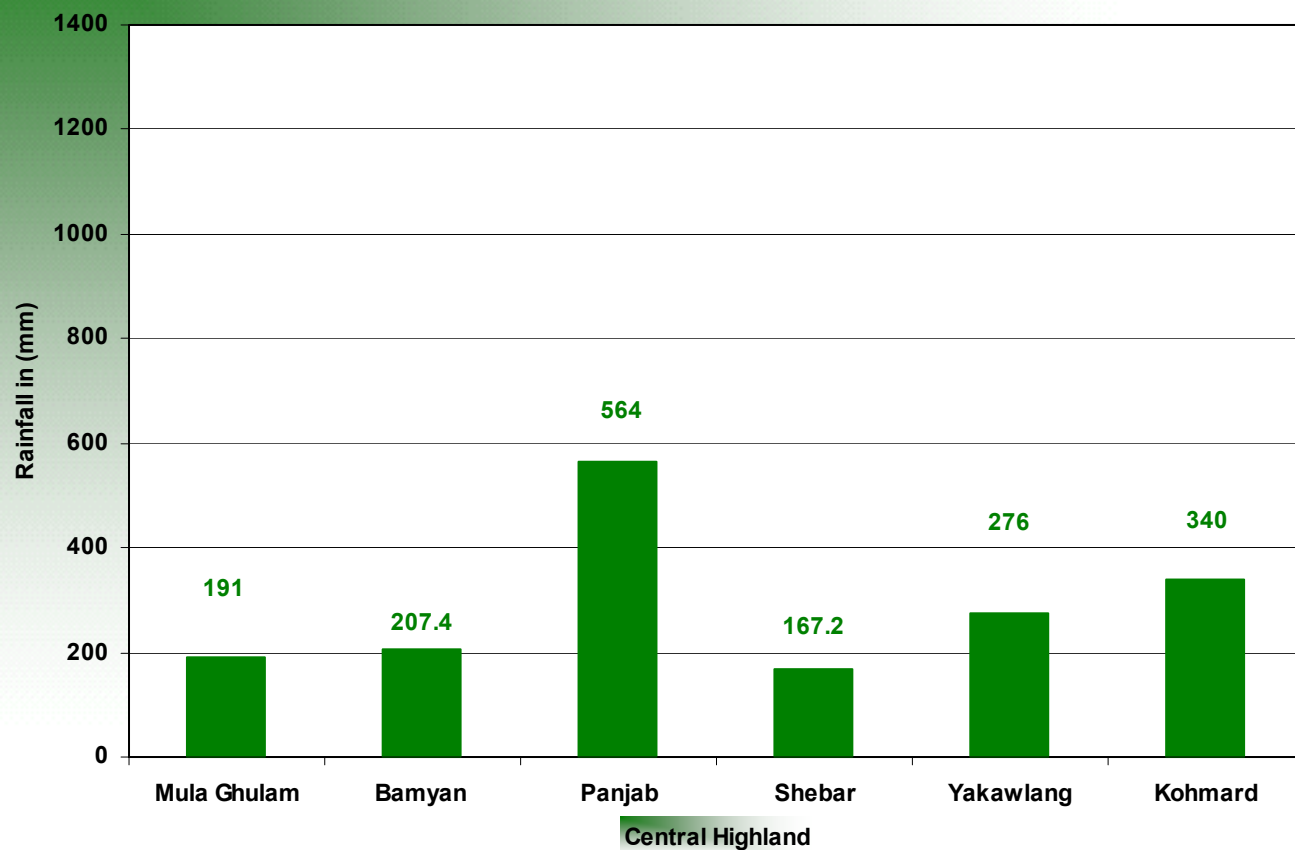
Seasonal Rainfall by Region (2009 - 2010) Compared with Last Year (2008 - 2009)



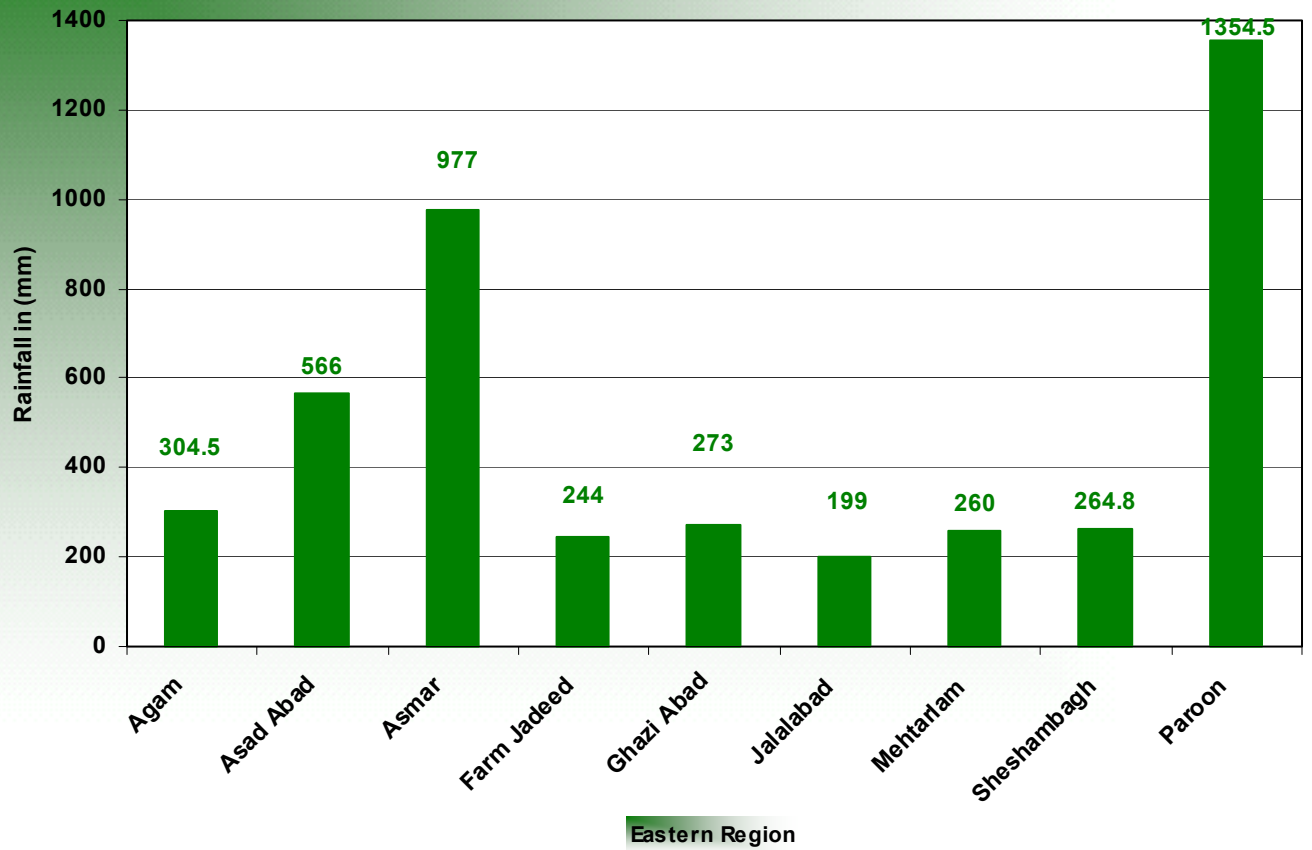
Afghanistan Rainfall - Season (2009 - 2010)



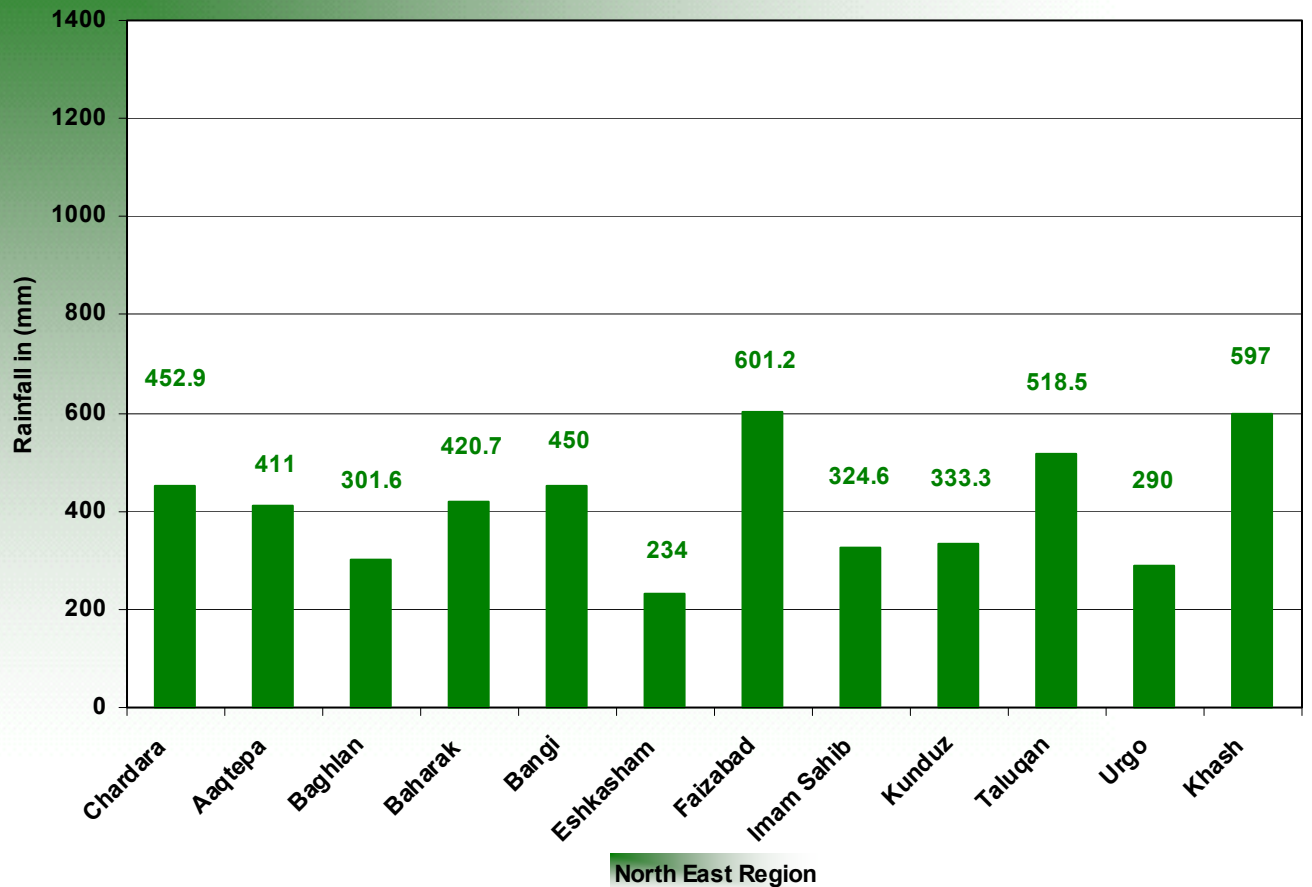
Afghanistan Rainfall - Season (2009 - 2010)



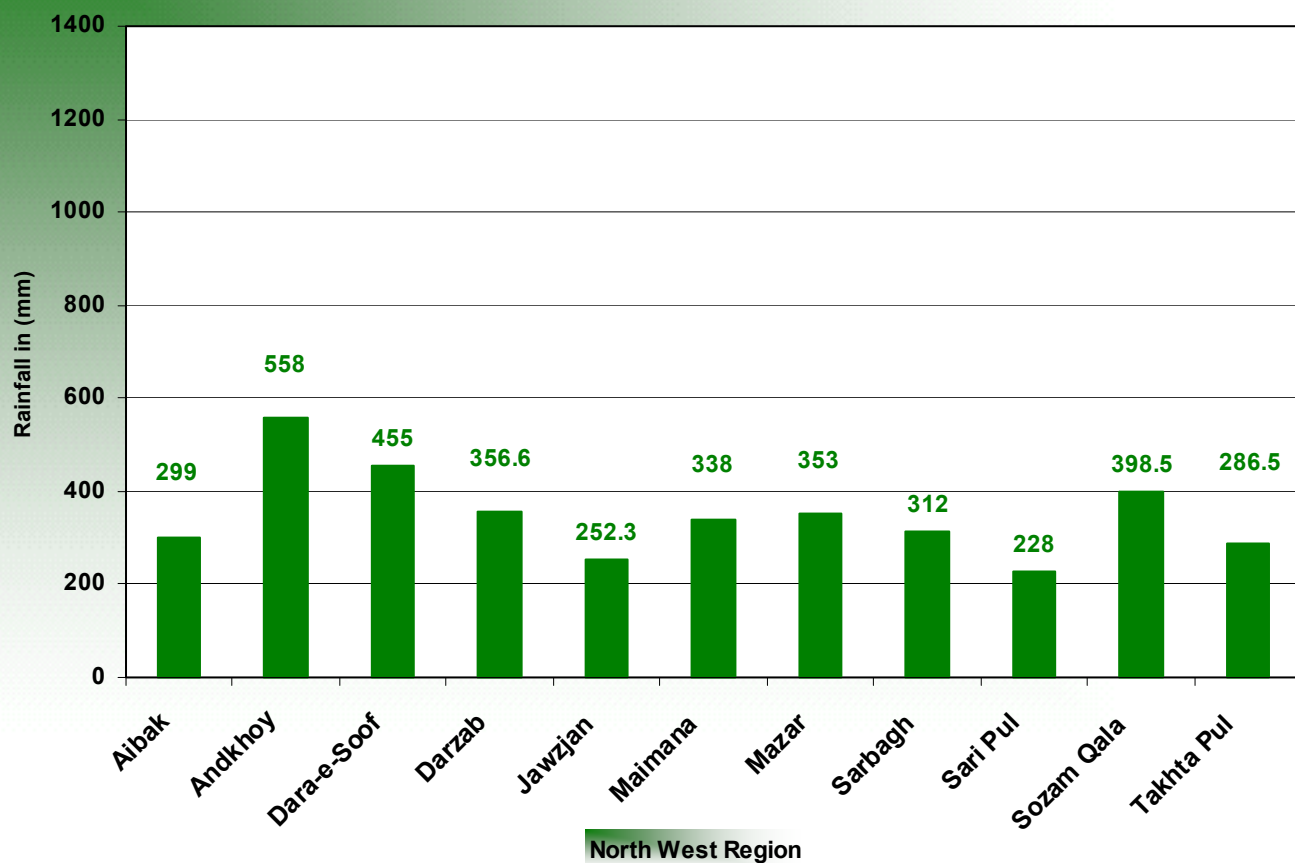
Afghanistan Rainfall - Season (2009 - 2010)



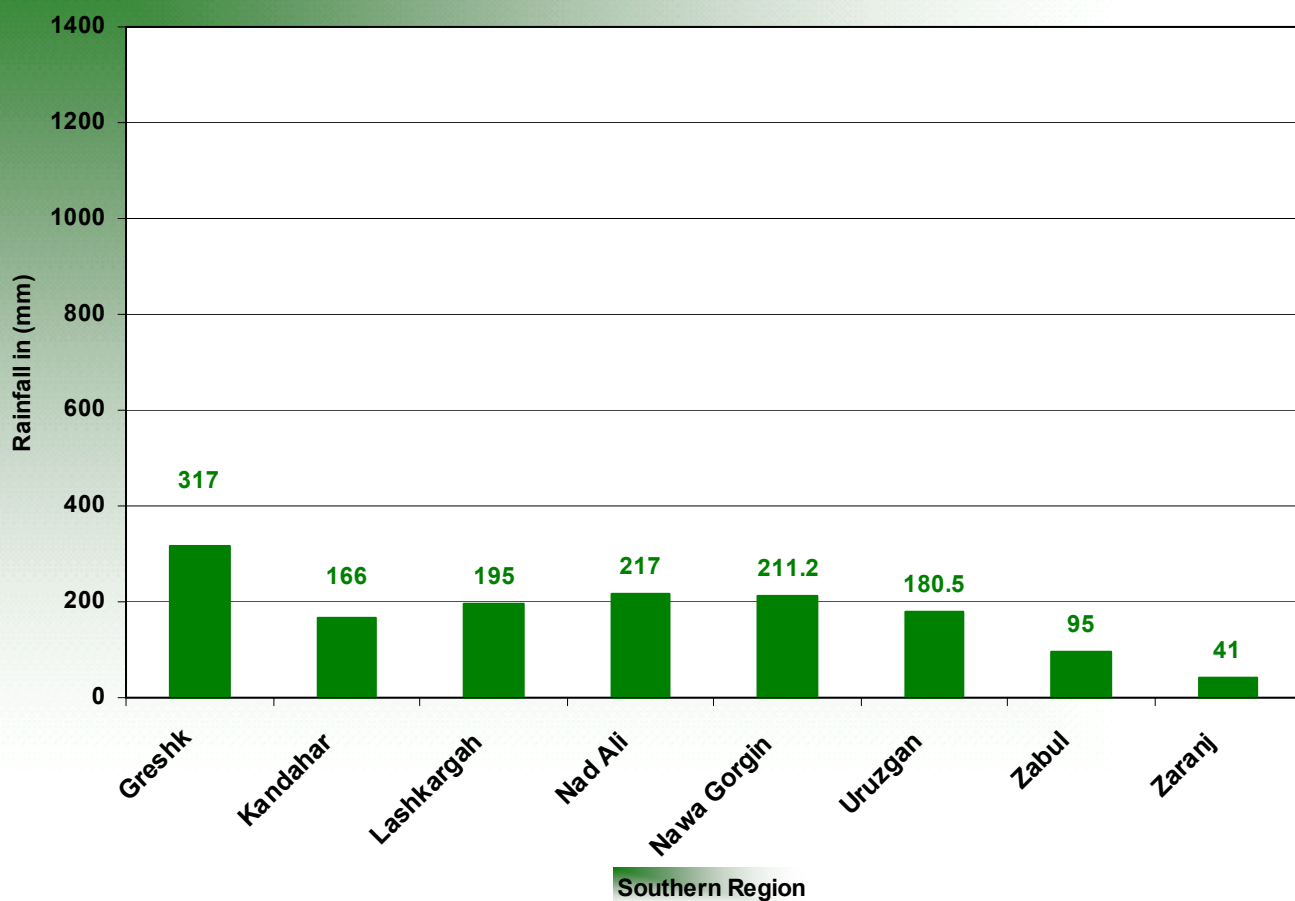
Afghanistan Rainfall - Season (2009 - 2010)



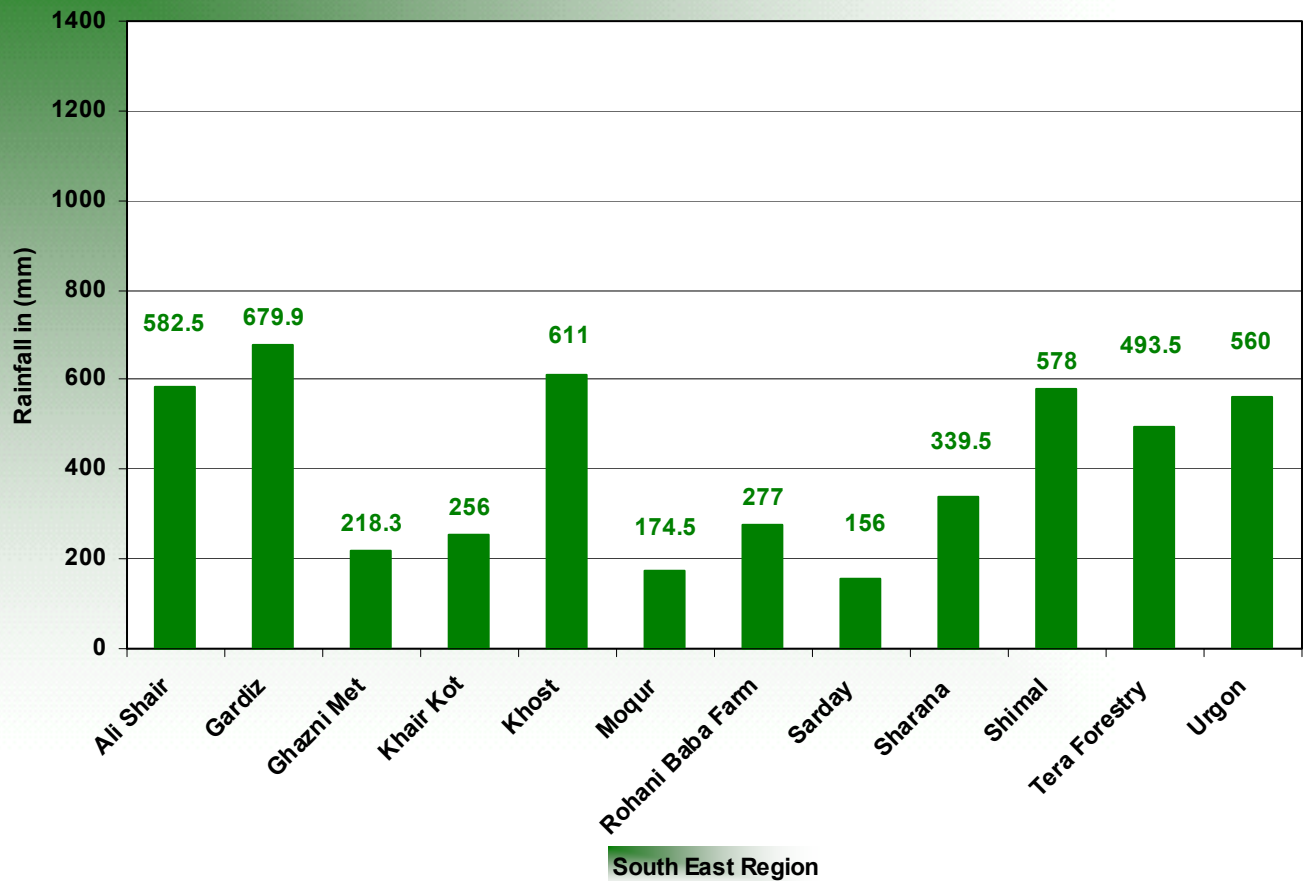
Afghanistan Rainfall - Season (2009 - 2010)



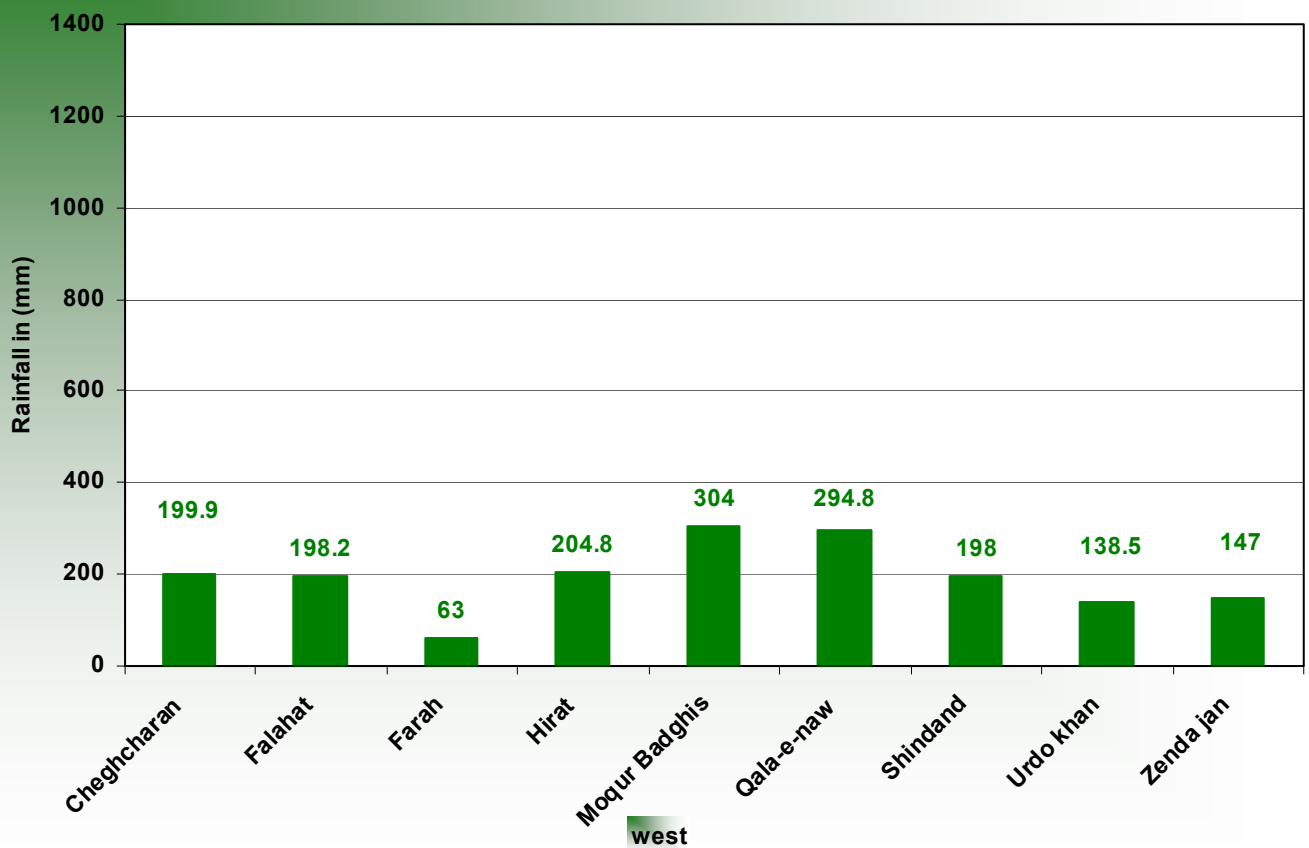
Afghanistan Rainfall - Season (2009 - 2010)



Afghanistan Rainfall - Season (2009 - 2010)



Afghansitan Rainfall Season (2009 - 2010)

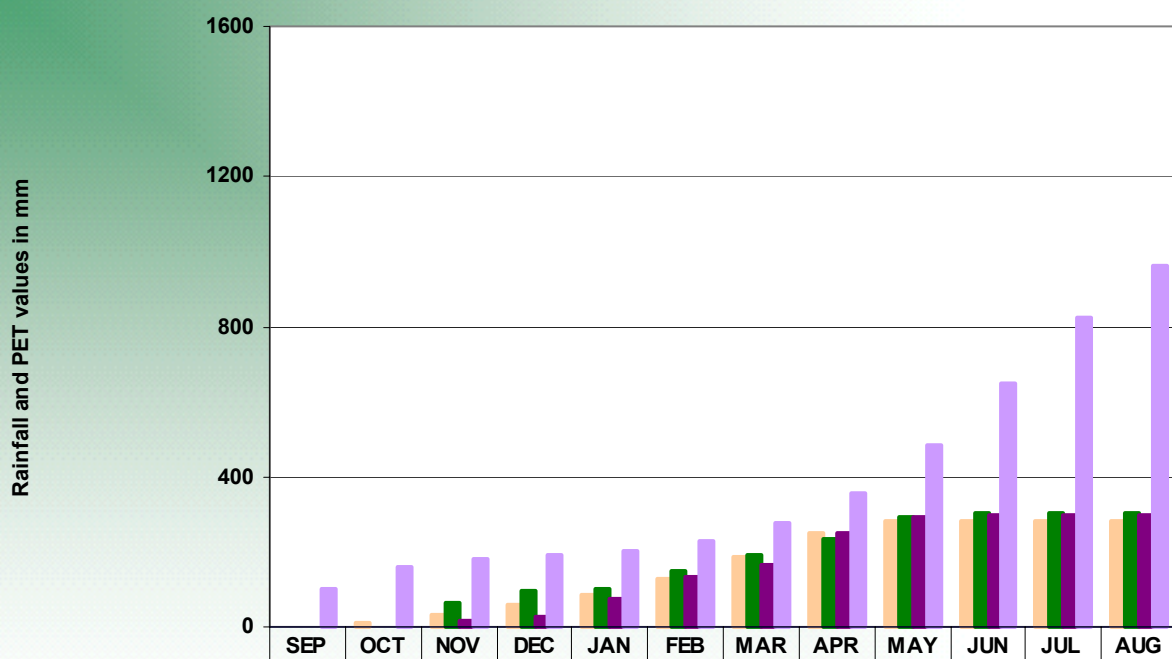


Accumulated Rainfall (mm)
For the Season (2009 - 2010)

Compared with:

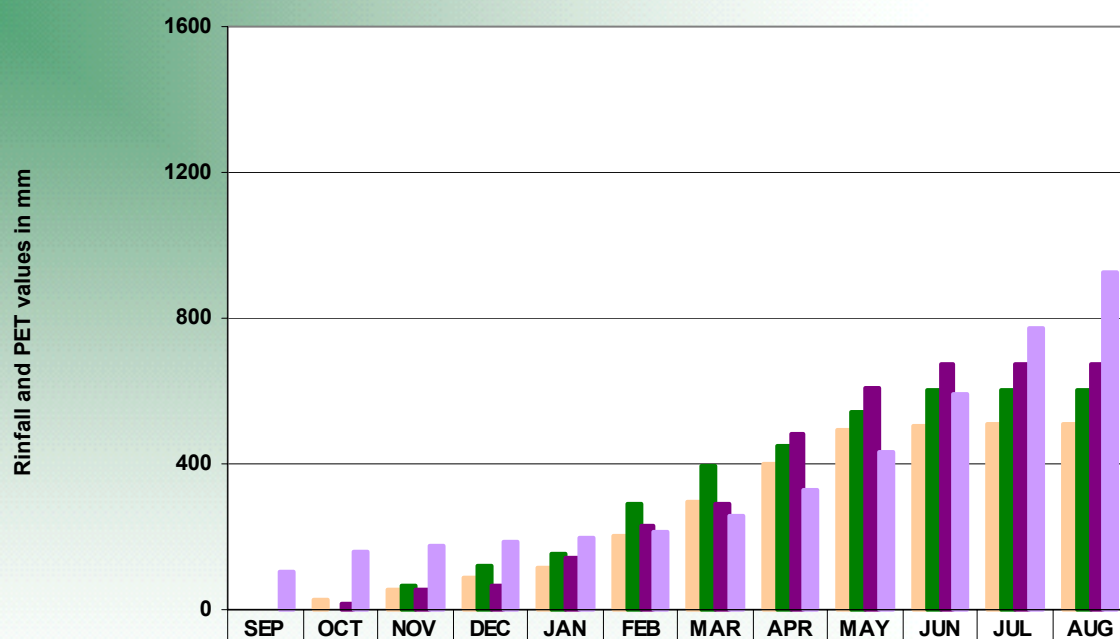
- Last Year
- Potential Evapotranspiration (PET)
- Long Term Average

Baghlan: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010 and Accumulated PET (South)



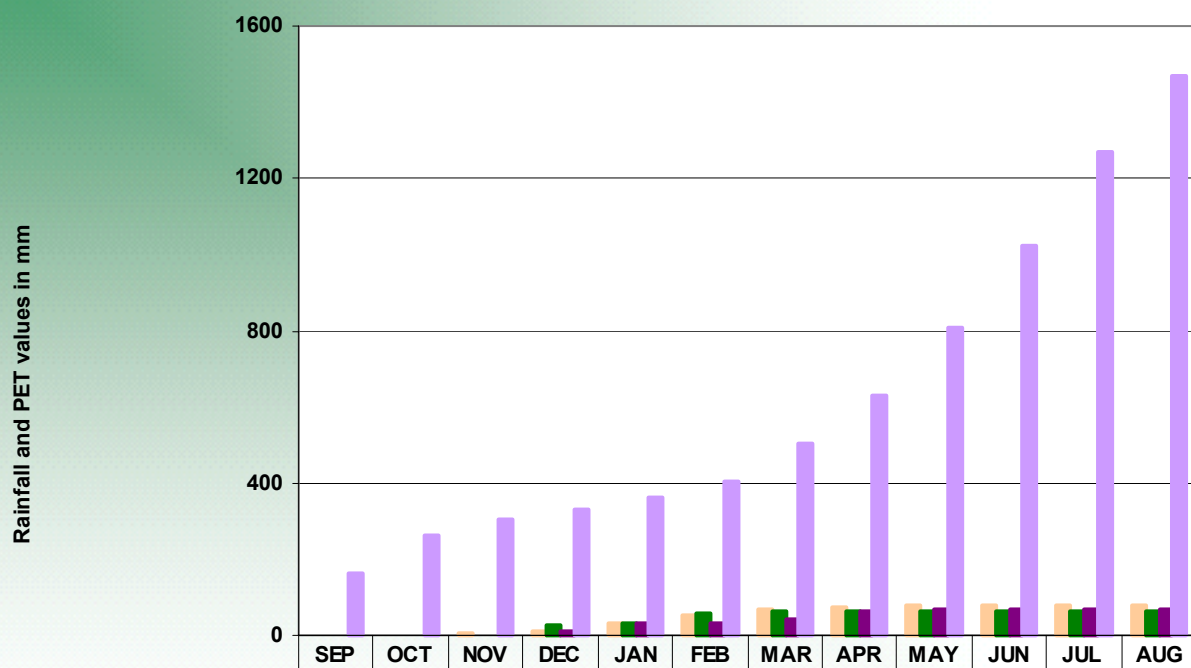
Months (Rainfall Season 2009-2010)

Faiz Abad: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



Months (Rainfall Season 2009-2010)

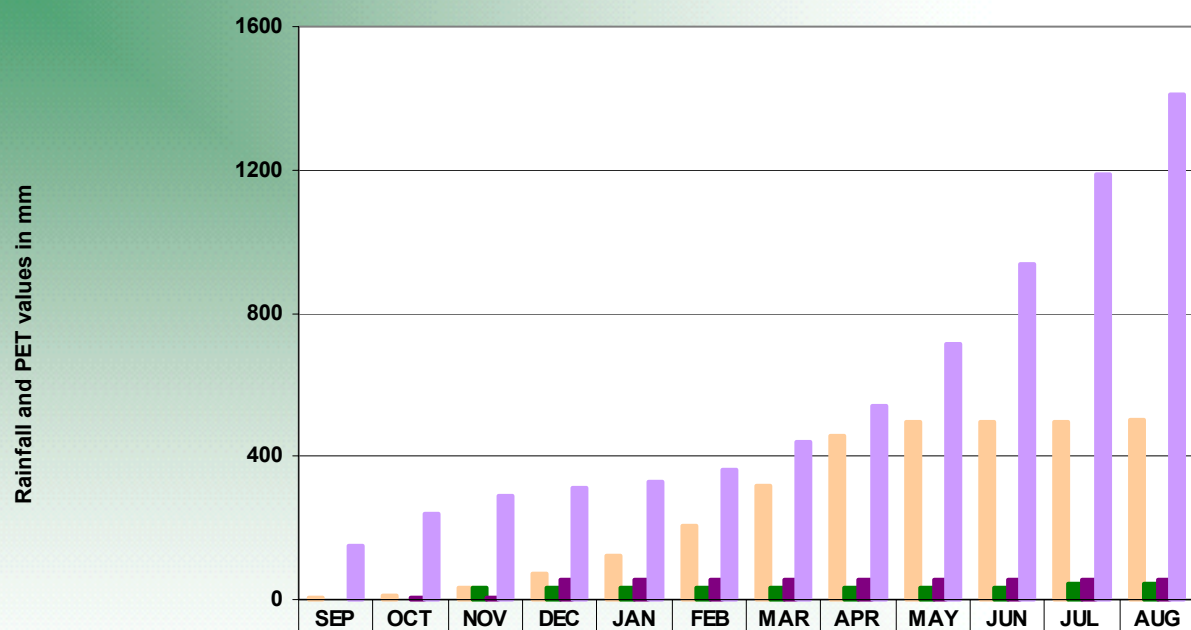
Farah: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Accumulated Mean Monthly Rain	0	0	3	12	30	54	67	75	77	77	77	77
Accumulated Actual Rain2009 - 2010	0.0	0.0	1.5	25.0	31.0	58.5	61.5	61.5	63.0	63.0	63.0	63.0
Accumulated Actual Rain2008 - 2009	0.0	0.0	1.0	13.0	29.0	29.0	40.5	64.5	70.5	70.5	70.5	70.5
Accumulated Mean Monthly PET	161	263	304	331	360	403	506	629	810	1021	1269	1468

Months (Rainfall Season 2009-2010)

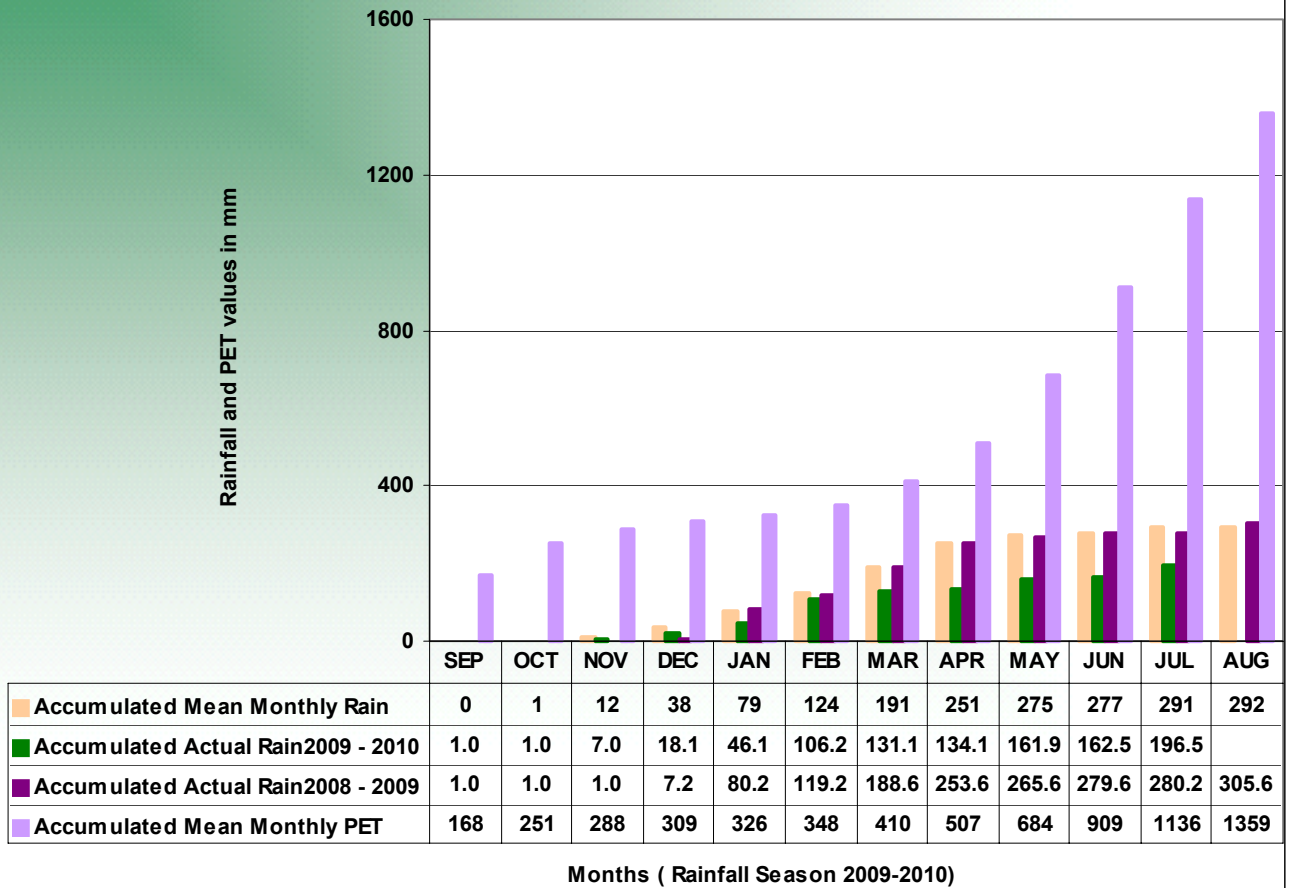
Jabul Seraj: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



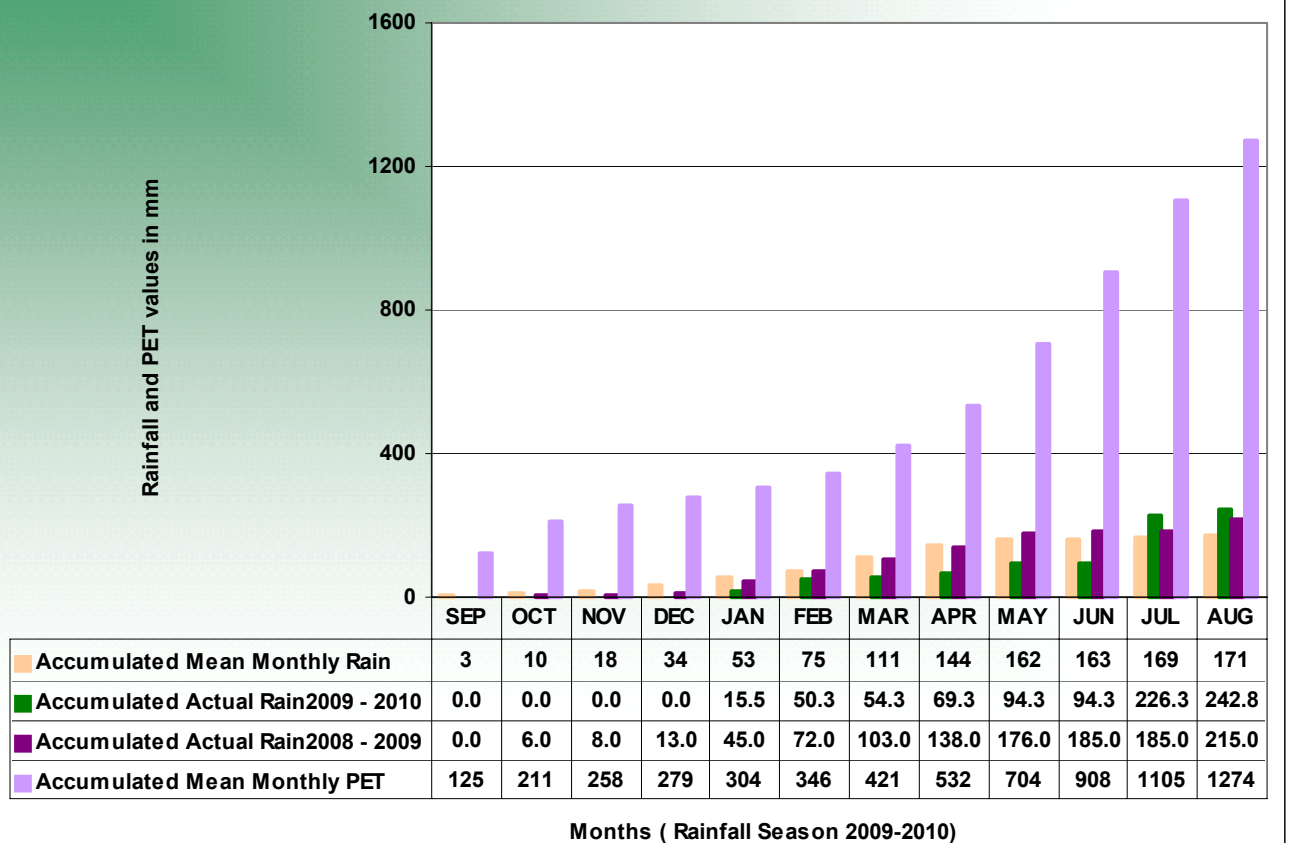
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Accumulated Mean Monthly Rain	3	12	34	70	122	208	317	459	494	495	498	499
Accumulated Actual Rain2009 - 2010	0.0	0.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	44.0	44.0
Accumulated Actual Rain2008 - 2009	0.0	5.0	7.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
Accumulated Mean Monthly PET	152	241	288	310	330	362	440	541	711	935	1187	1409

Months (Rainfall Season 2009-2010)

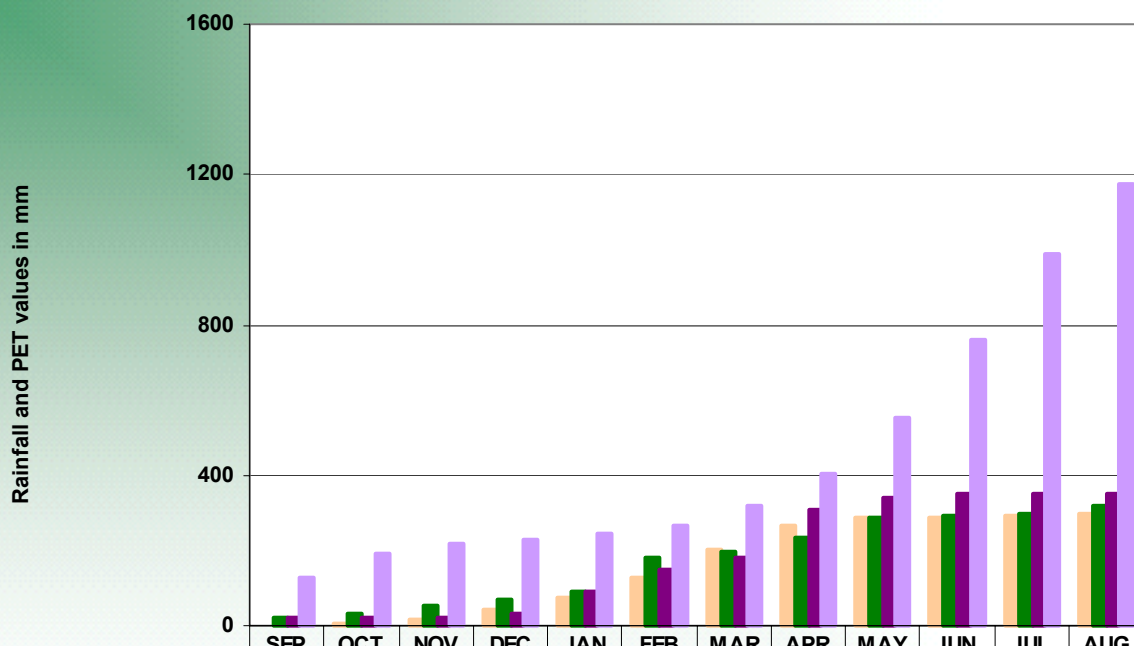
Ghazni: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



Jala Abad: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



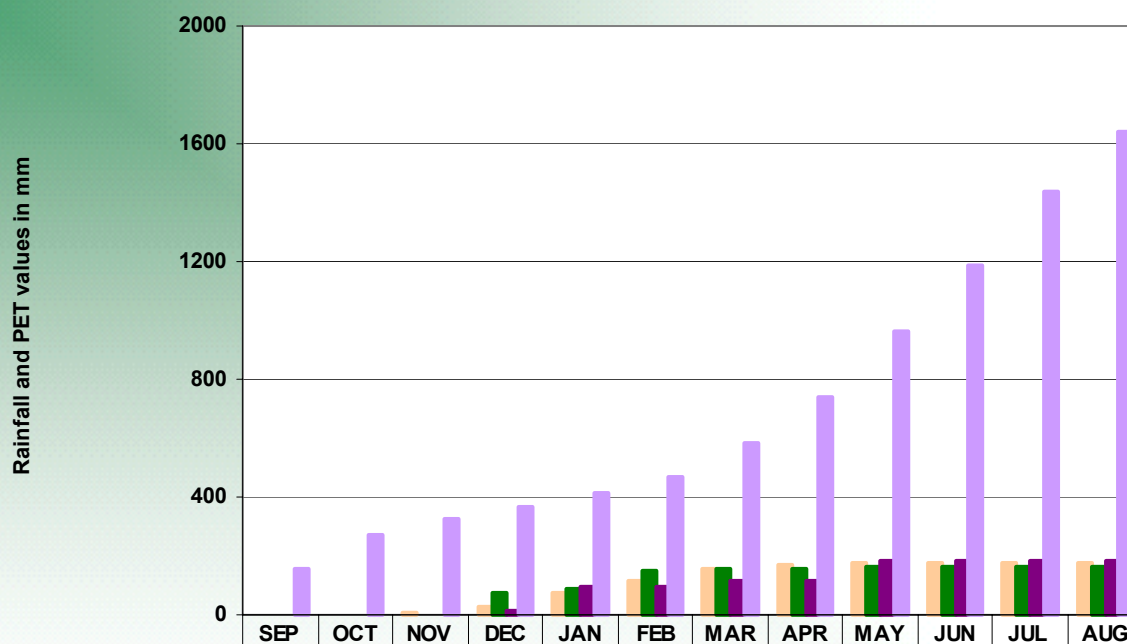
Kabul: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



Accumulated Mean Monthly Rain	2	6	17	42	76	130	203	267	287	288	294	297
Accumulated Actual Rain2009 - 2010	20.4	29.8	55.8	69.1	88.0	179.2	197.7	233.7	286.8	294.3	298.7	318.7
Accumulated Actual Rain2008 - 2009	20.4	21.9	21.9	30.1	92.1	149.1	178.5	310.5	338.1	348.9	348.9	348.9
Accumulated Mean Monthly PET	126	190	216	229	243	267	320	403	555	762	989	1173

Months (Rainfall Season 2009-2010)

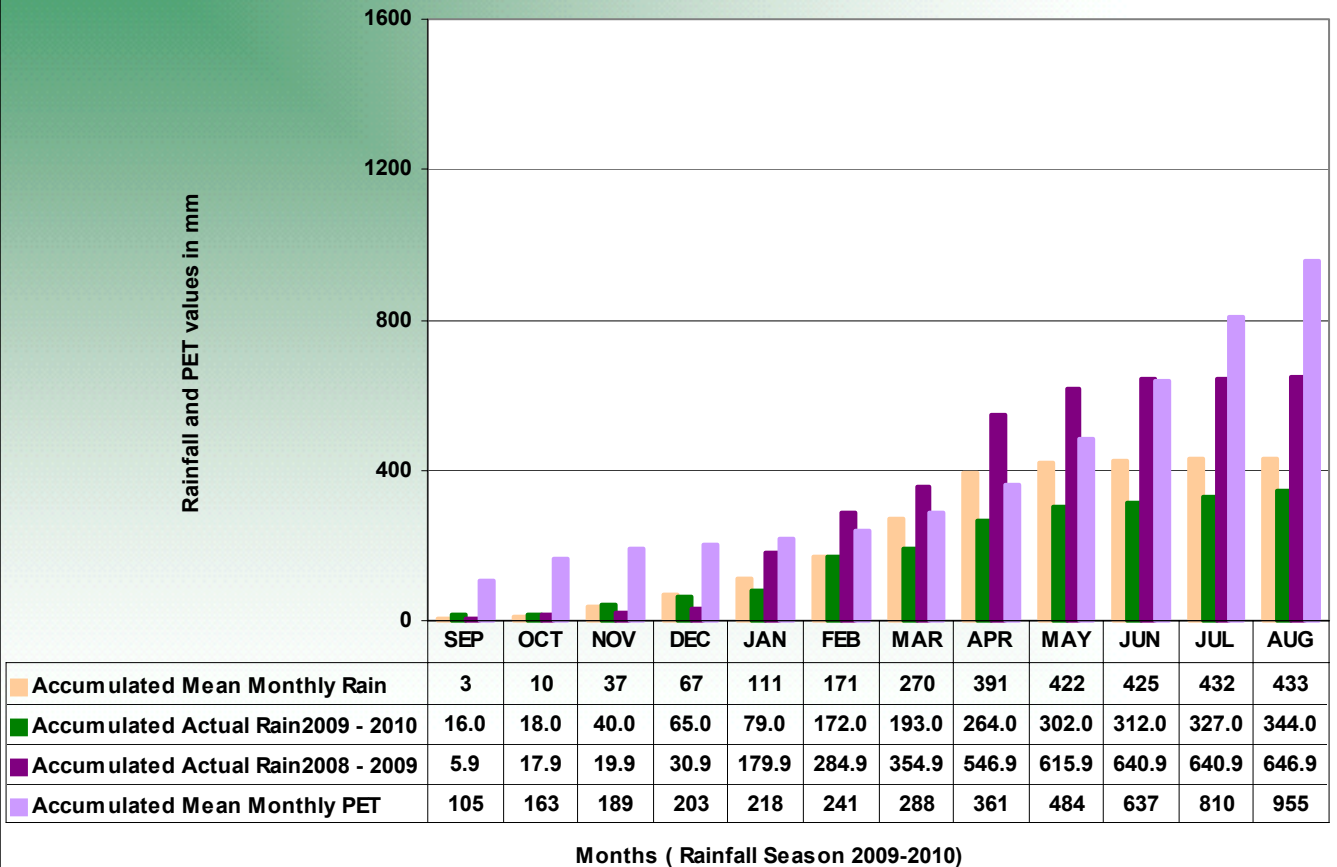
Kandahar: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



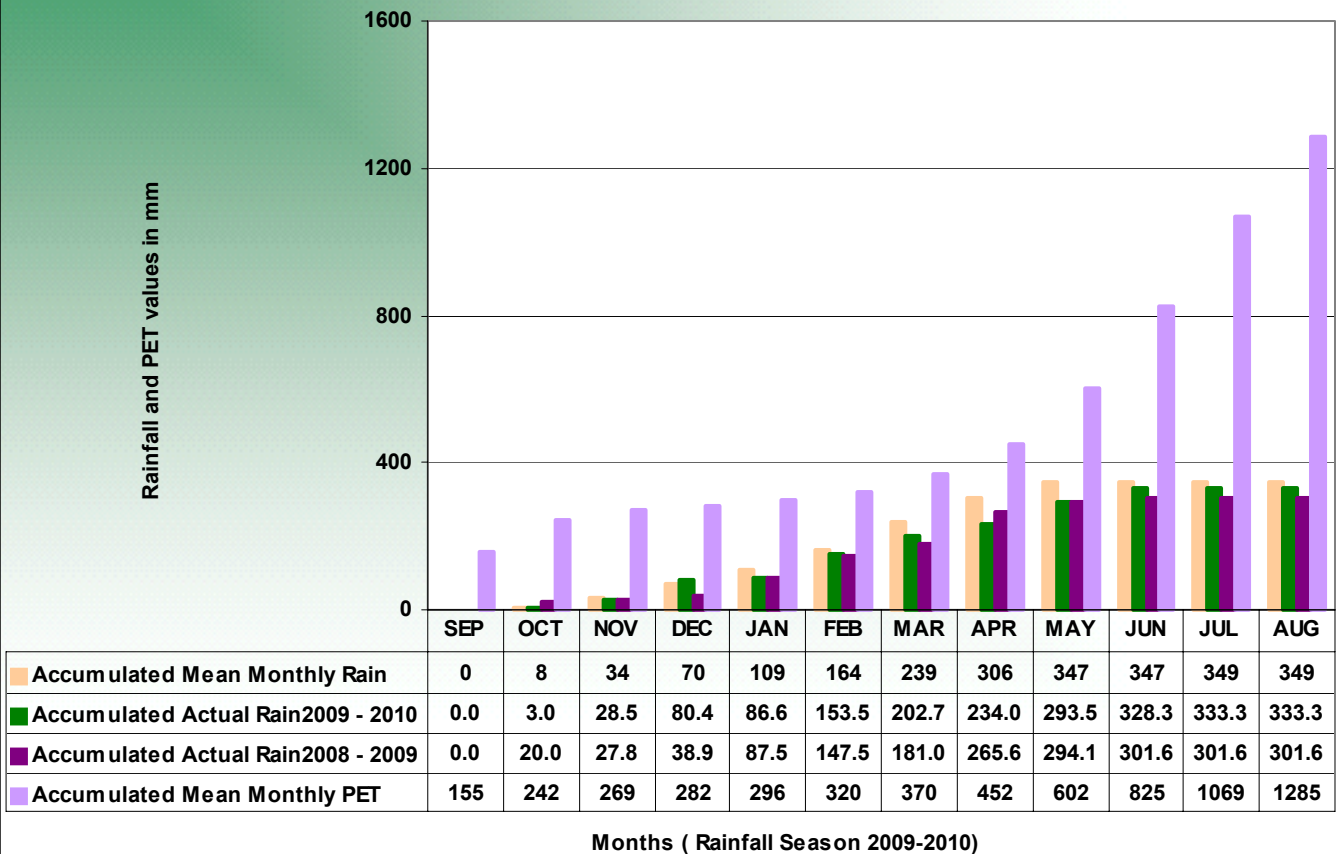
Accumulated Mean Monthly Rain	0	2	8	27	77	118	156	172	174	174	176	177
Accumulated Actual Rain2009 - 2010	0.0	0.0	0.0	73.5	88.5	151.5	157.0	158.5	166.0	166.0	166.0	166.0
Accumulated Actual Rain2008 - 2009	0.0	0.0	0.0	10.5	92.5	95.5	114.0	114.0	182.5	182.5	182.5	182.5
Accumulated Mean Monthly PET	158	274	325	364	411	467	583	736	960	1188	1436	1644

Months (Rainfall Season 2009-2010)

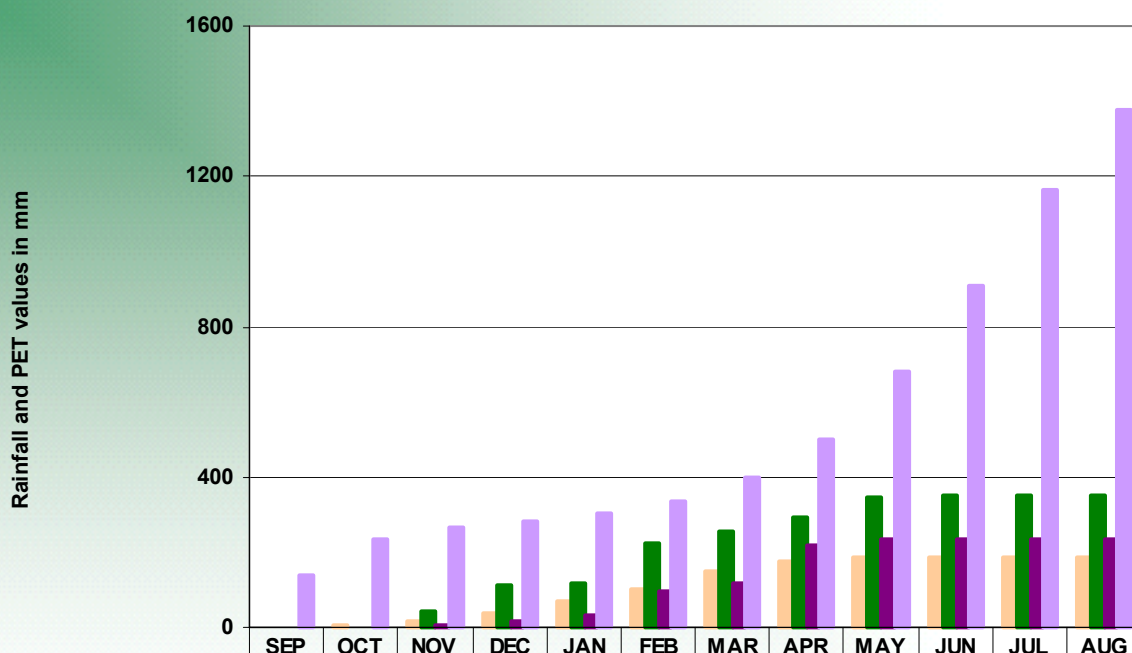
Kariz Mir: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



Kunduz: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



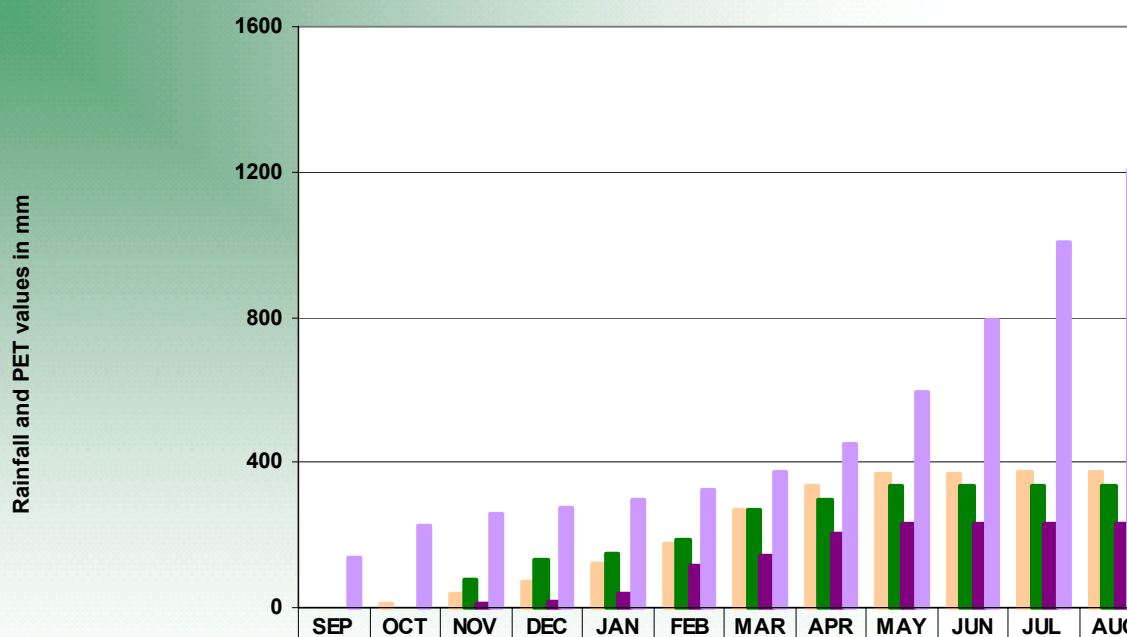
Mazar: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



	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 Rain2009 - 2010	0.0	0.0	40.0	109.0	115.0	222.0	257.0	290.0	343.0	353.0	353.0	353.0
Accumulated Actual Rain2008 - 2009	0.0	1.0	7.0	15.0	32.0	94.5	114.6	219.6	231.6	233.6	233.6	233.6
Accumulated Mean Monthly PET	139	233	264	281	301	333	399	500	681	909	1163	1376

Months (Rainfall Season 2009-2010)

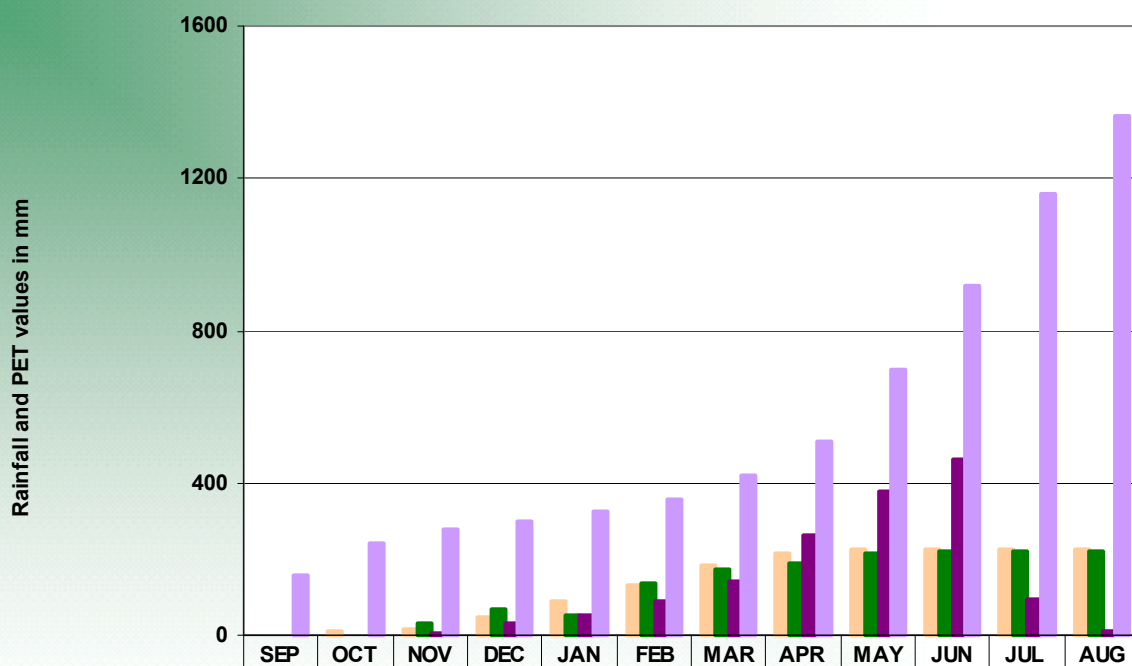
Maimana: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
Accumulated Mean Monthly Rain	0	10	38	73	121	177	267	335	369	371	372	372
Accumulated Actual Rain2009 - 2010	0.0	0.0	78.0	134.0	148.0	187.0	268.0	299.0	338.0	338.0	338.0	338.0
Accumulated Actual Rain2008 - 2009	0.0	0.0	13.6	17.6	40.5	117.5	143.5	203.3	231.3	231.3	231.3	231.3
Accumulated Mean Monthly PET	138	226	258	277	296	324	372	450	594	792	1008	1202

Months (Rainfall Season 2009-2010)

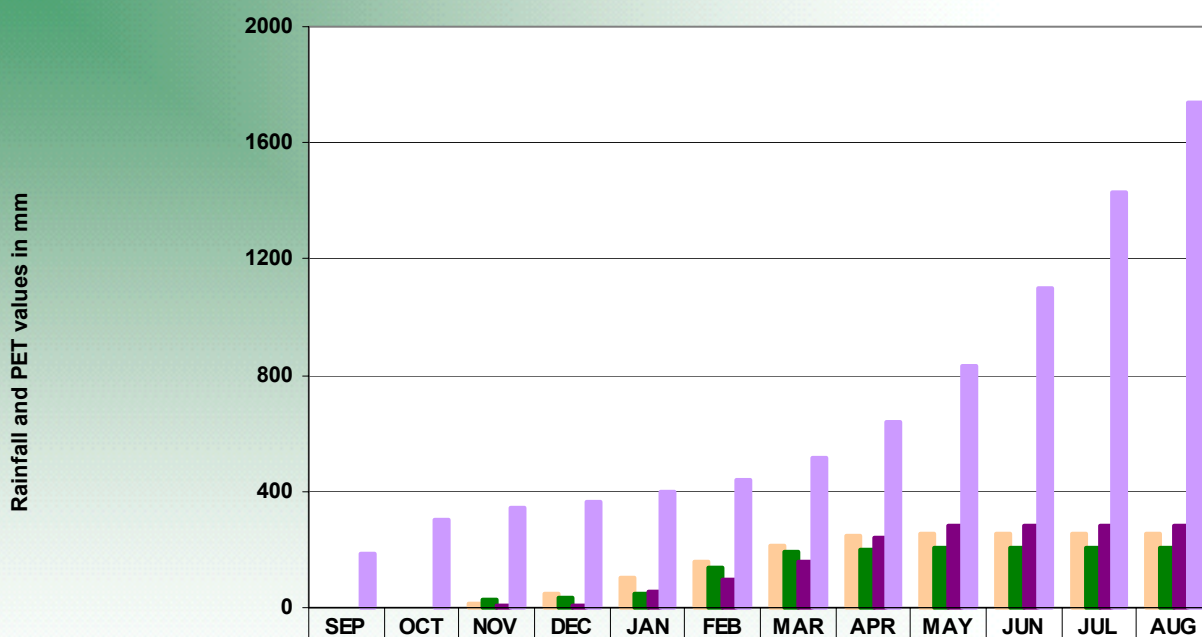
Sheberghan: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



Accumulated Mean Monthly Rain	0.2	8.4	18.1	47.8	88.6	132.3	185.4	214.5	224.5	224.5	224.5	224.5
Accumulated Actual Rain2009 - 2010	0.0	0.0	33.2	69.5	53.5	138.2	171.1	189.6	216.1	219.1	219.1	219.1
Accumulated Actual Rain2008 - 2009	0.0	0.0	7.4	28.9	54.9	86.9	140.9	260.9	378.9	460.9	92.0	10.0
Accumulated Mean Monthly PET	155	242	278	300	323	355	418	511	697	920	1157	1364

Months (Rainfall Season 2009-2010)

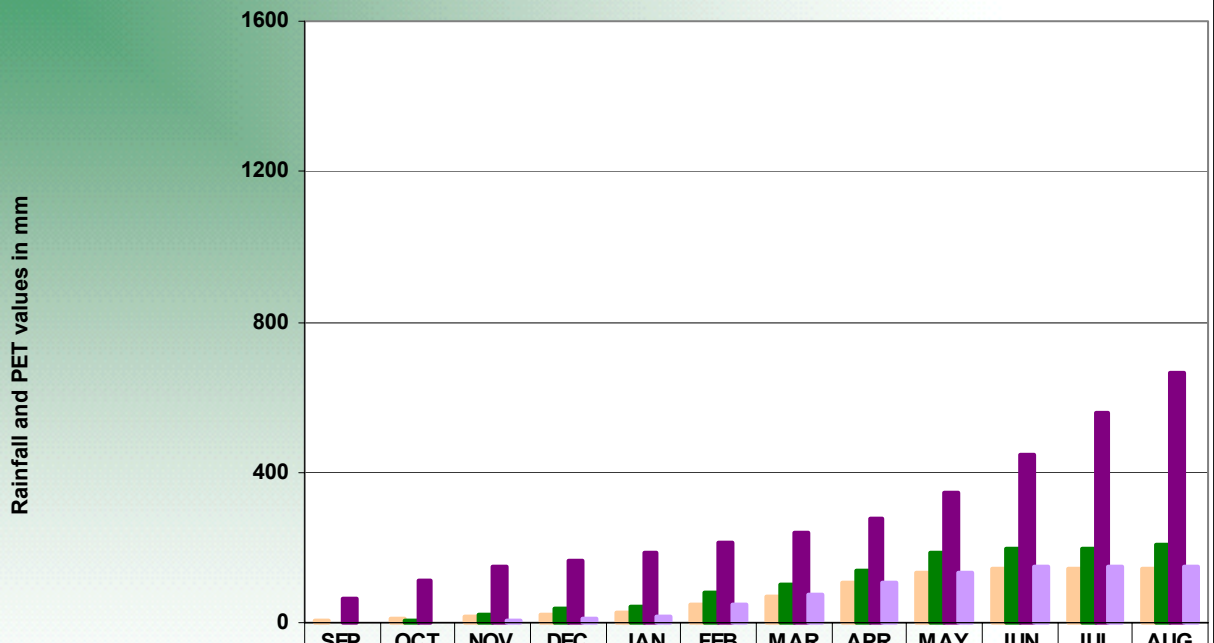
Hirat: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



Accumulated Mean Monthly Rain	0	2	11	50	101	161	215	250	253	253	253	253
Accumulated Actual Rain2009 - 2010	0.0	0.0	27.0	31.0	48.0	140.0	191.8	199.8	204.8	204.8	204.8	204.8
Accumulated Actual Rain2008 - 2009	0.0	2.0	7.0	7.0	52.0	94.0	159.0	239.0	280.0	280.0	280.0	280.0
Accumulated Mean Monthly PET	188	301	341	367	396	438	518	638	834	1097	1428	1737

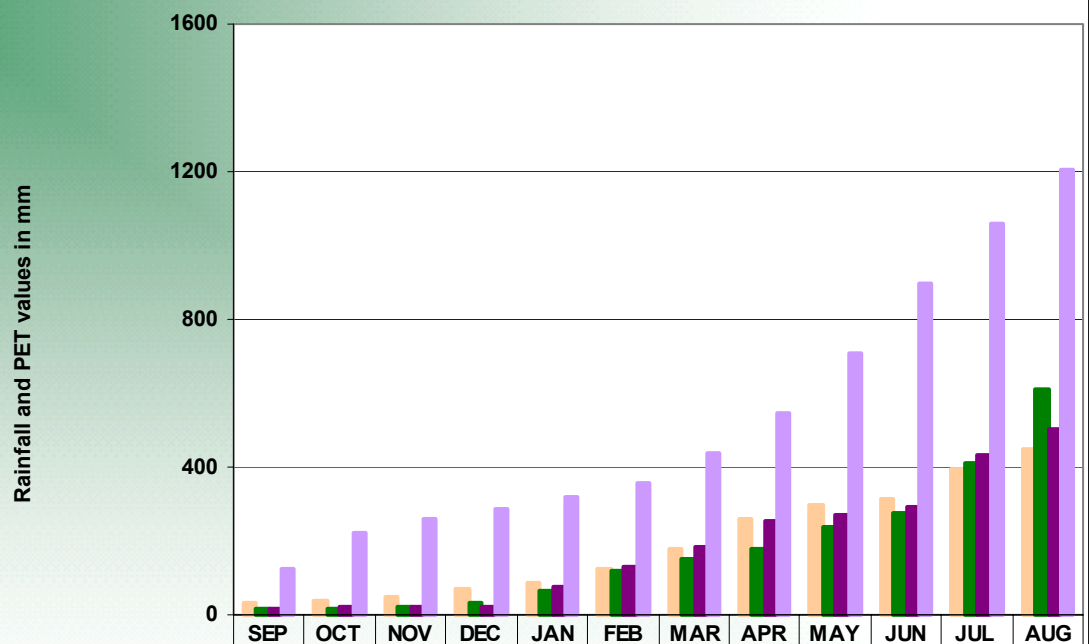
Months (Rainfall Season 2009-2010)

Bamyan: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



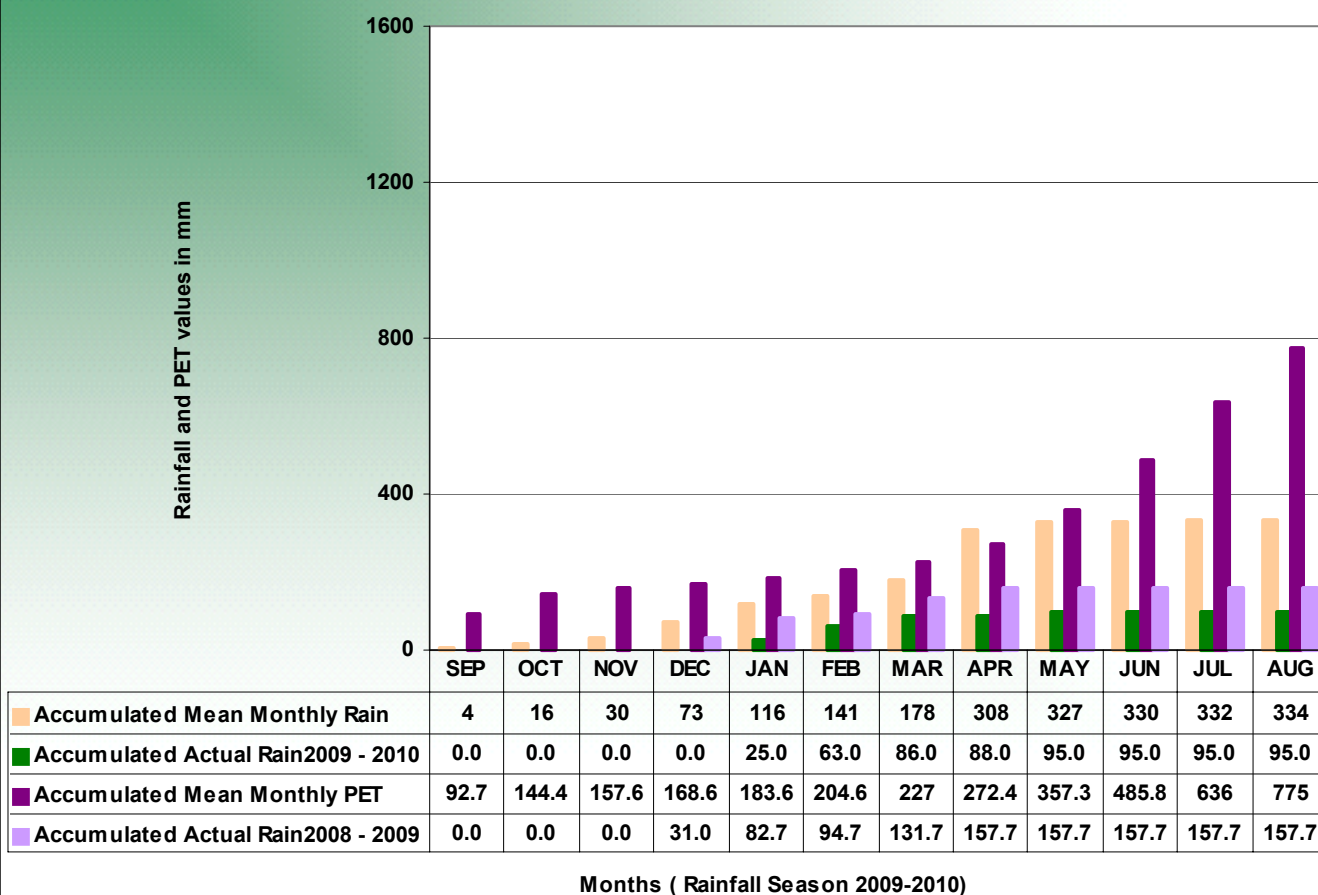
Months (Rainfall Season 2009-2010)

Khost: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)

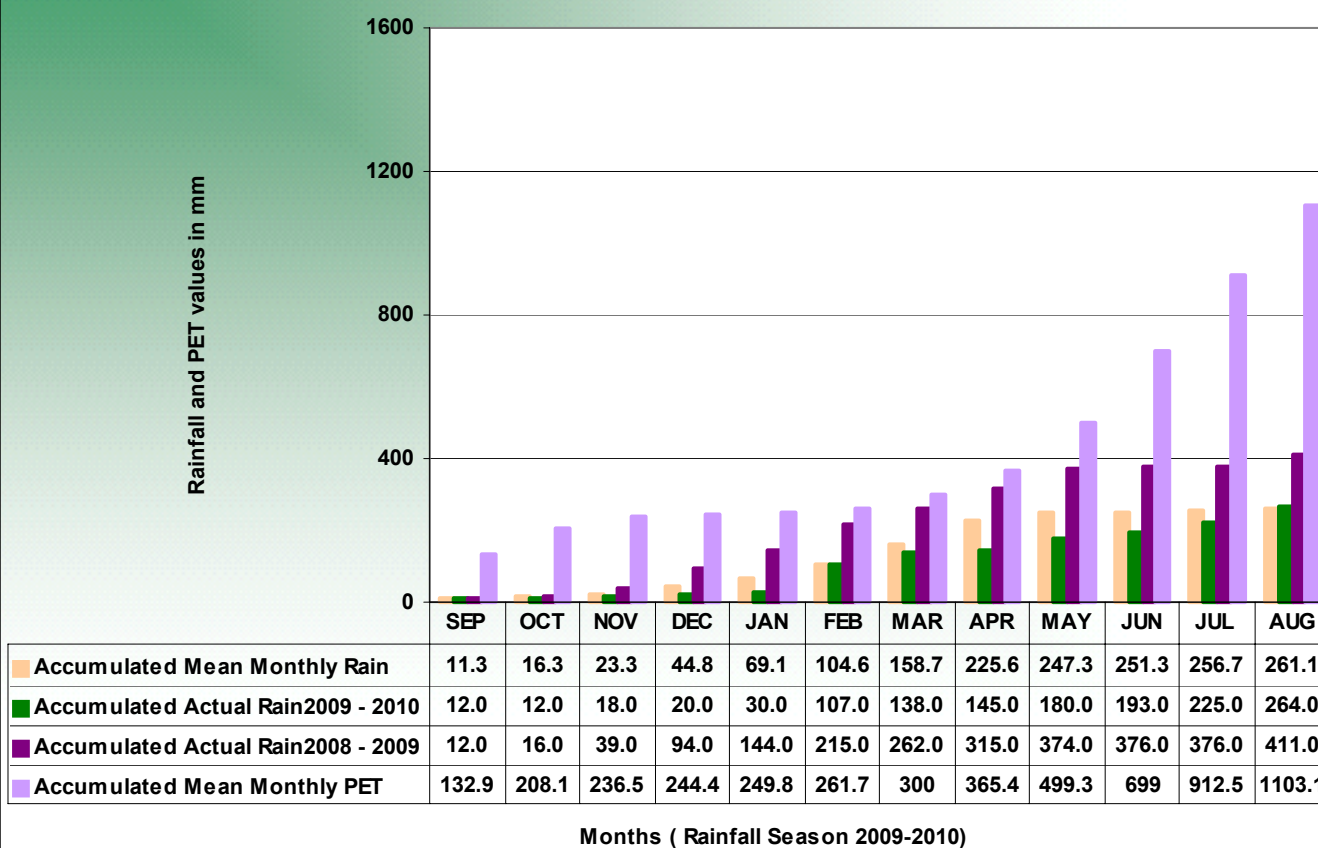


Months (Rainfall Season 2009-2010)

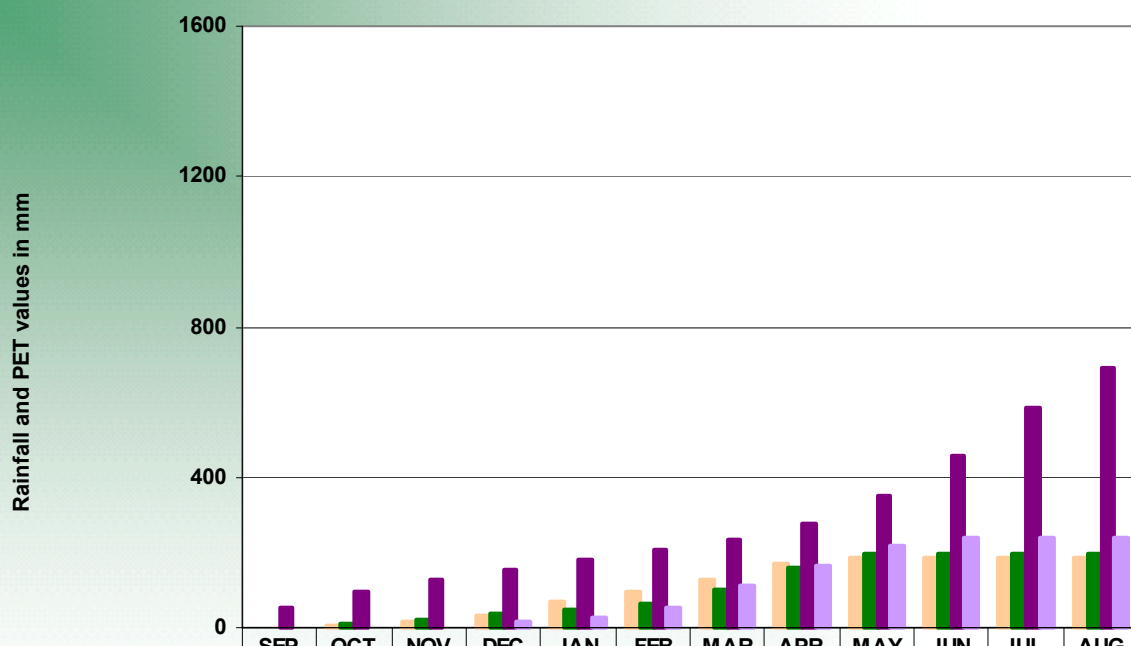
Qalat: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



Laghman: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



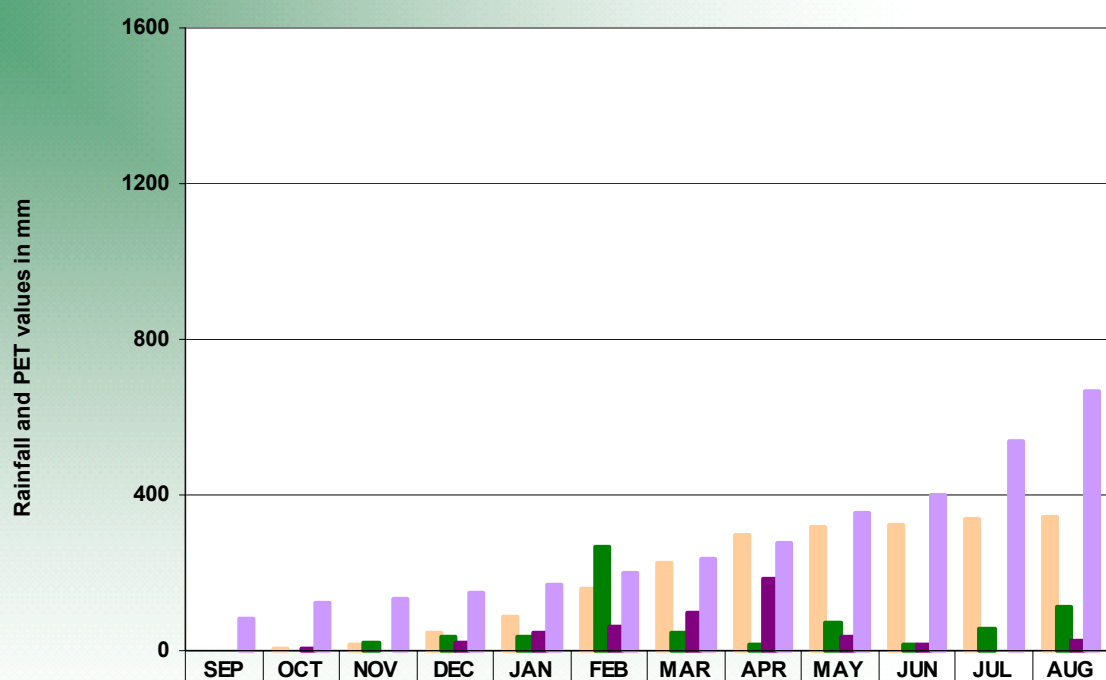
Cheghcharan: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



Accumulated Mean Monthly Rain	0	6.4	15.3	32.7	67.8	97.2	129	171.5	186.3	186.7	186.7	186.7
Accumulated Actual Rain2009 - 2010	0.0	10.2	19.2	36.4	48.4	62.9	99.1	161.2	197.4	197.9	197.9	197.9
Accumulated Mean Monthly PET	55.6	94.7	126.7	154.7	179.7	206.7	235.4	277.9	352.9	454.5	584.1	692
Accumulated Actual Rain2008 - 2009	0.0	0.0	0.0	17.0	26.3	52.0	110.8	163.5	220.4	237.6	237.6	237.6

Months (Rainfall Season 2009-2010)

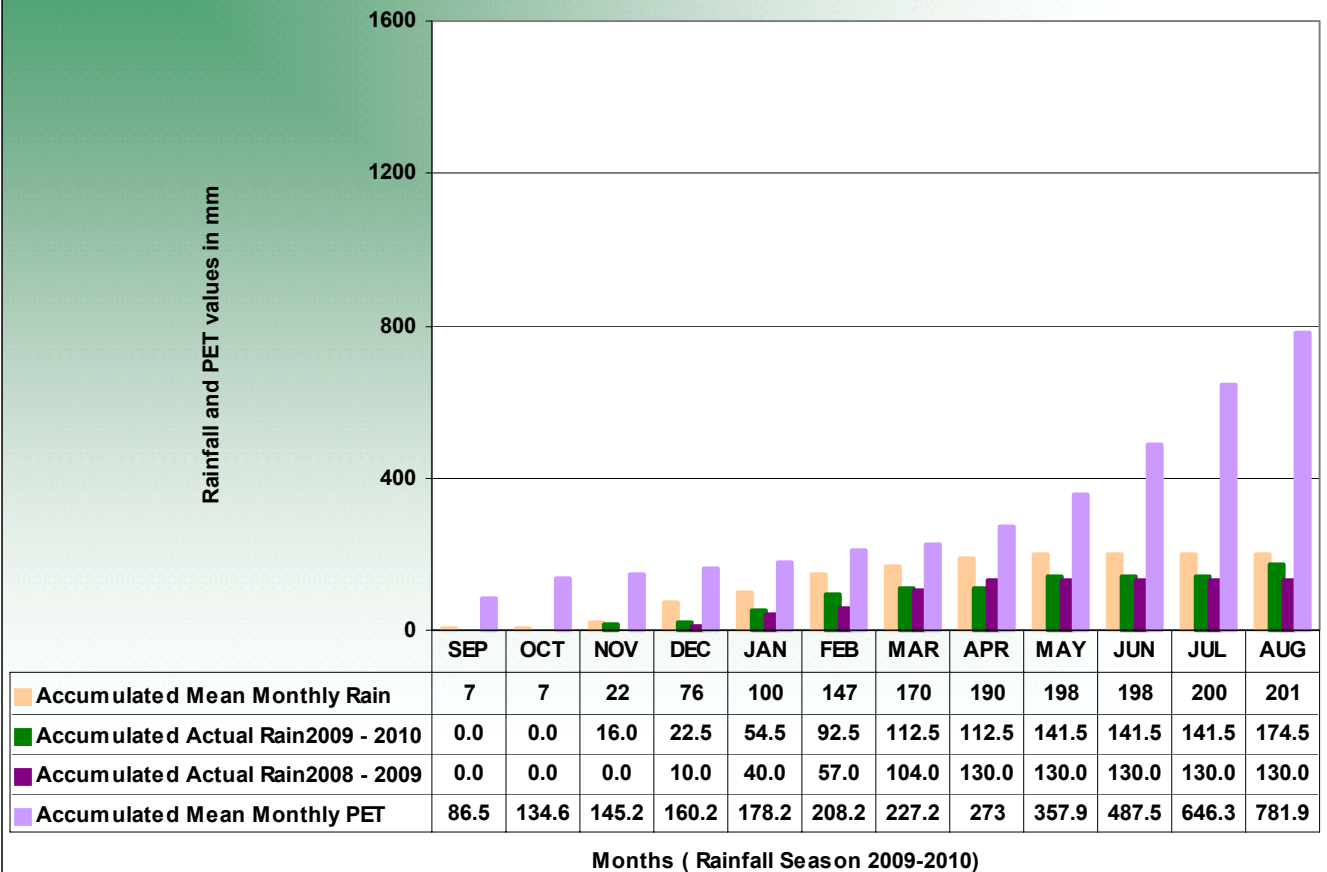
Gardiz: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



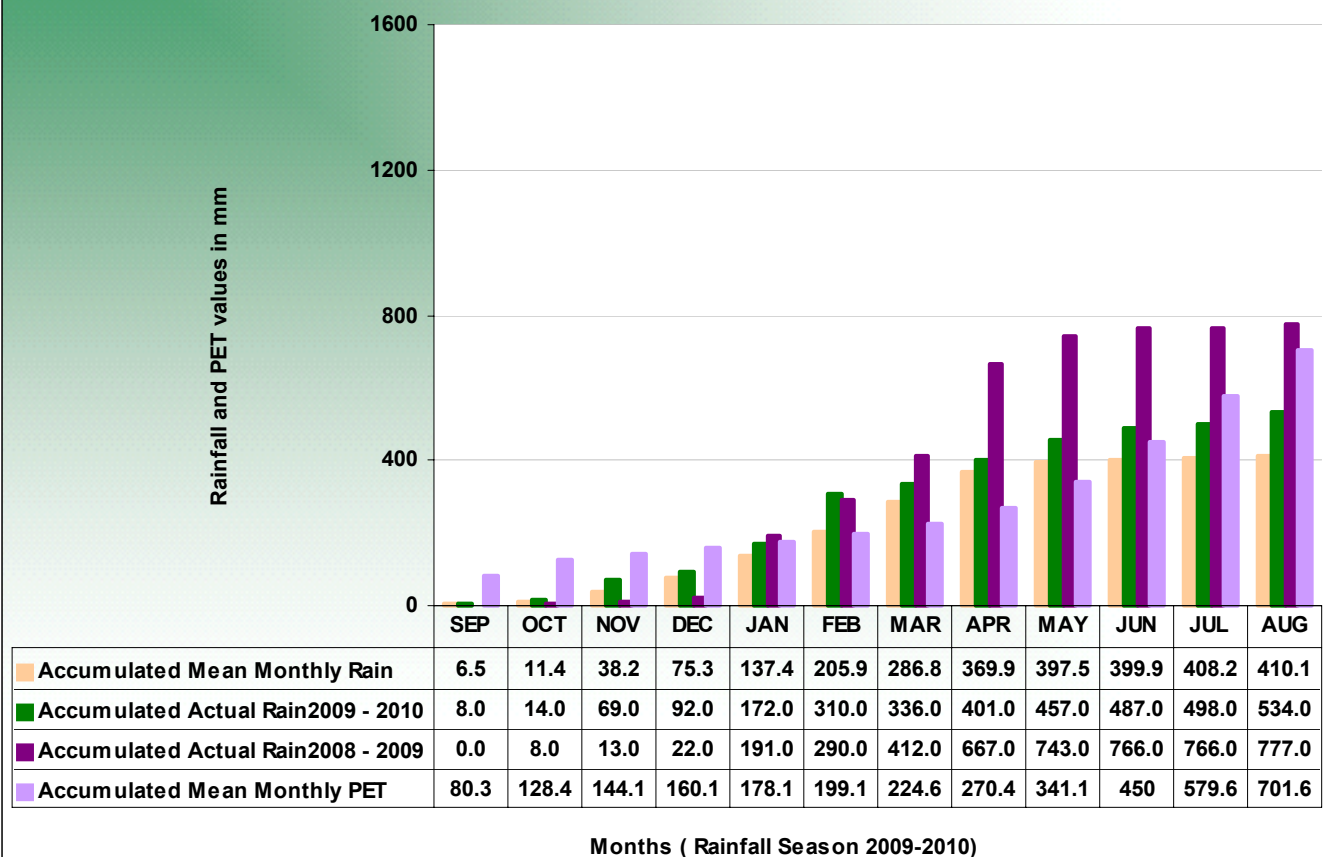
Accumulated Mean Monthly Rain	1.2	4.9	16.5	48.7	89.1	159.9	225.8	300	317.9	322.2	336.8	344.3
Actual Rain2009 - 2010	0	0	21.4	34.5	36.7	269	45.7	16.3	73.7	14.7	55.1	112.8
Actual Rain2008 - 2009	0	3.8	0	20.6	46	62	97.1	182.8	36.7	14	0.6	25.4
Accumulated Mean Monthly PET	80.3	122.4	135.4	150.4	168.4	198.4	234.4	276.9	354.4	399.6	538.9	668.4

Months (Rainfall Season 2009-2010)

Muger: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)

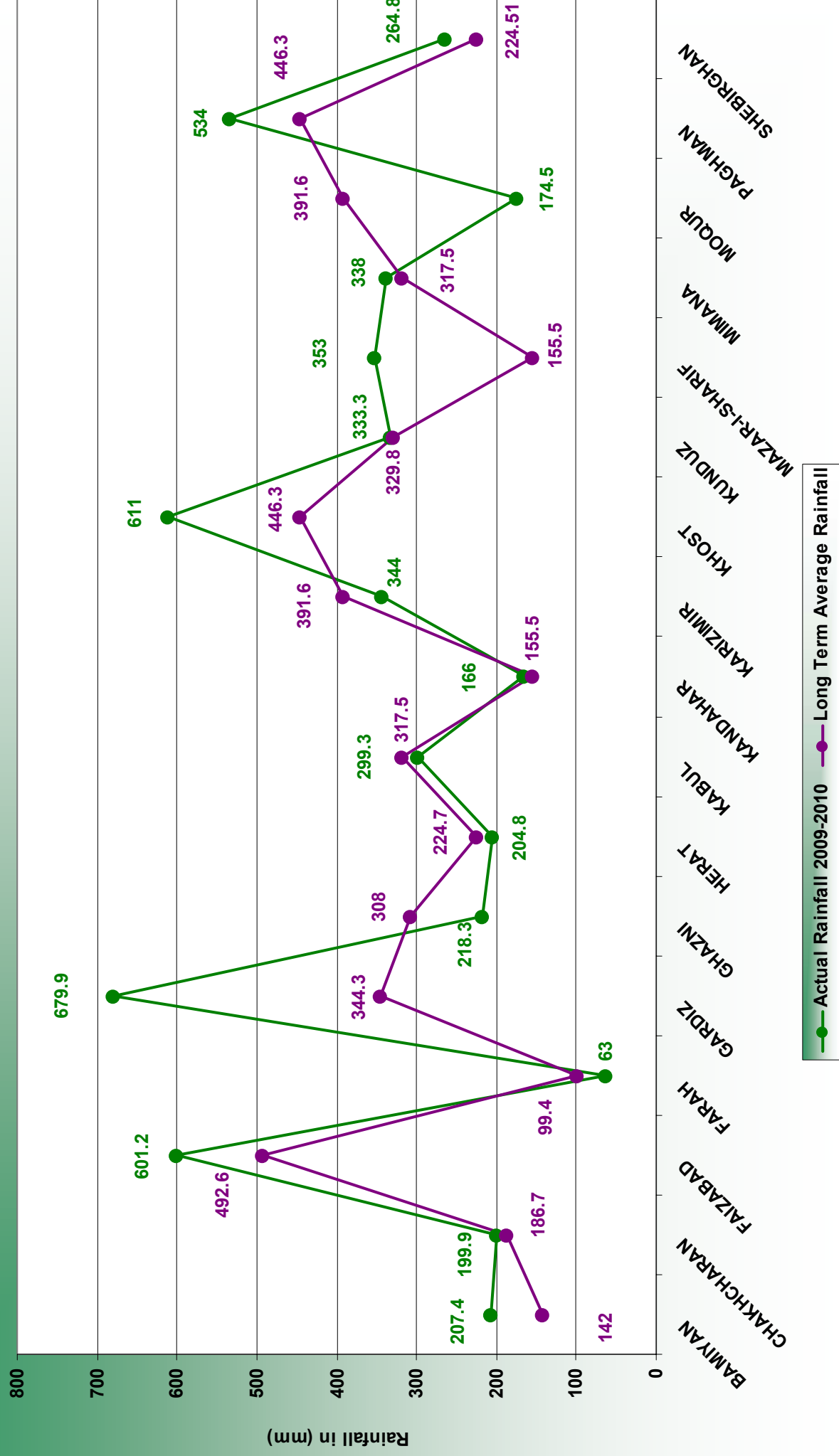


Paghaman: Comparison of Accumulatd Mean Rain, Acc. Actual Rain (2009-2010) and Accumulated PET (South)



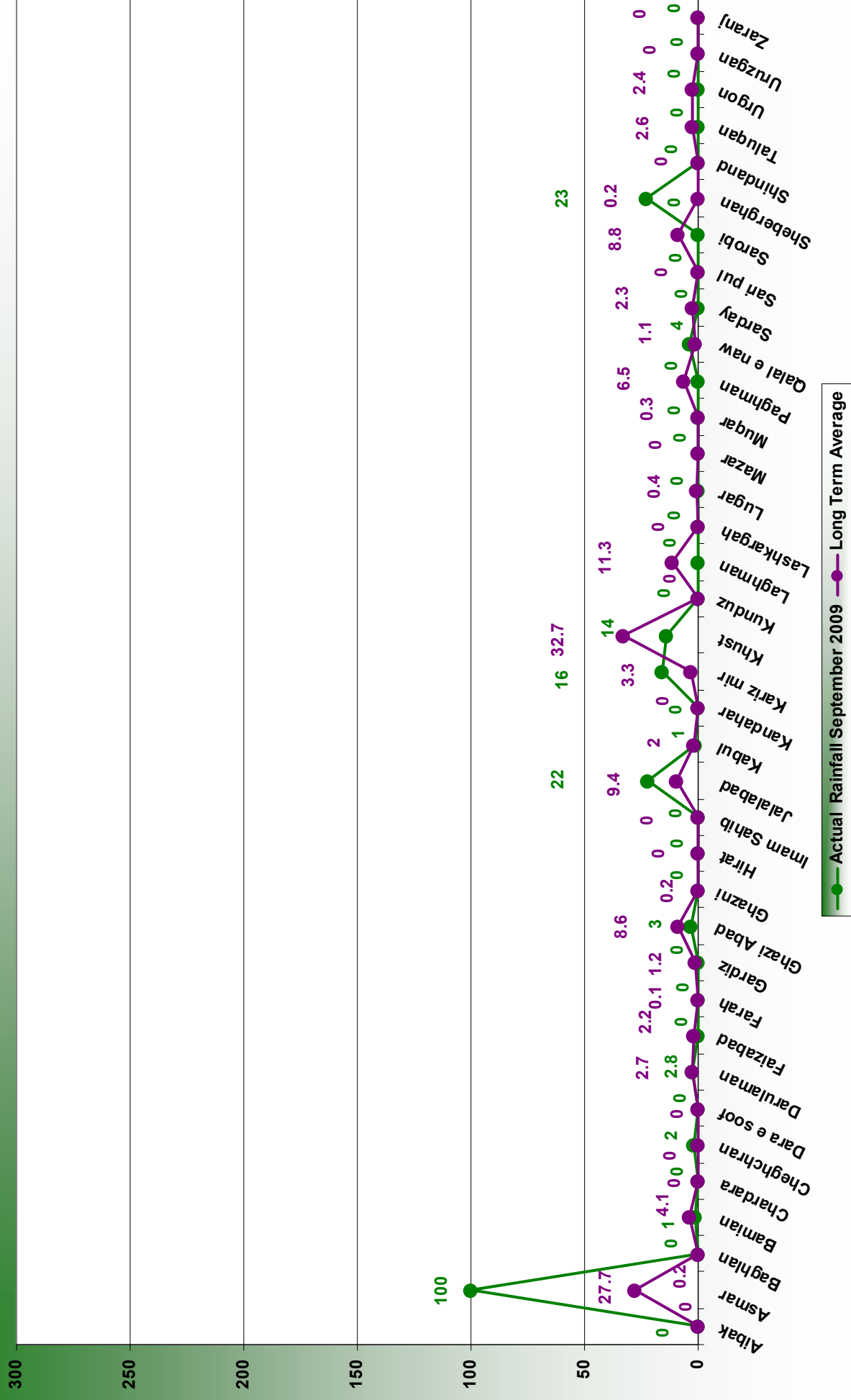
Seasonal Rainfall (mm) (2009- 2010)
Compared to
Long-Term Average

Comparison of Actual Yearly Rainfall (2009 - 2010) with Long Term Average

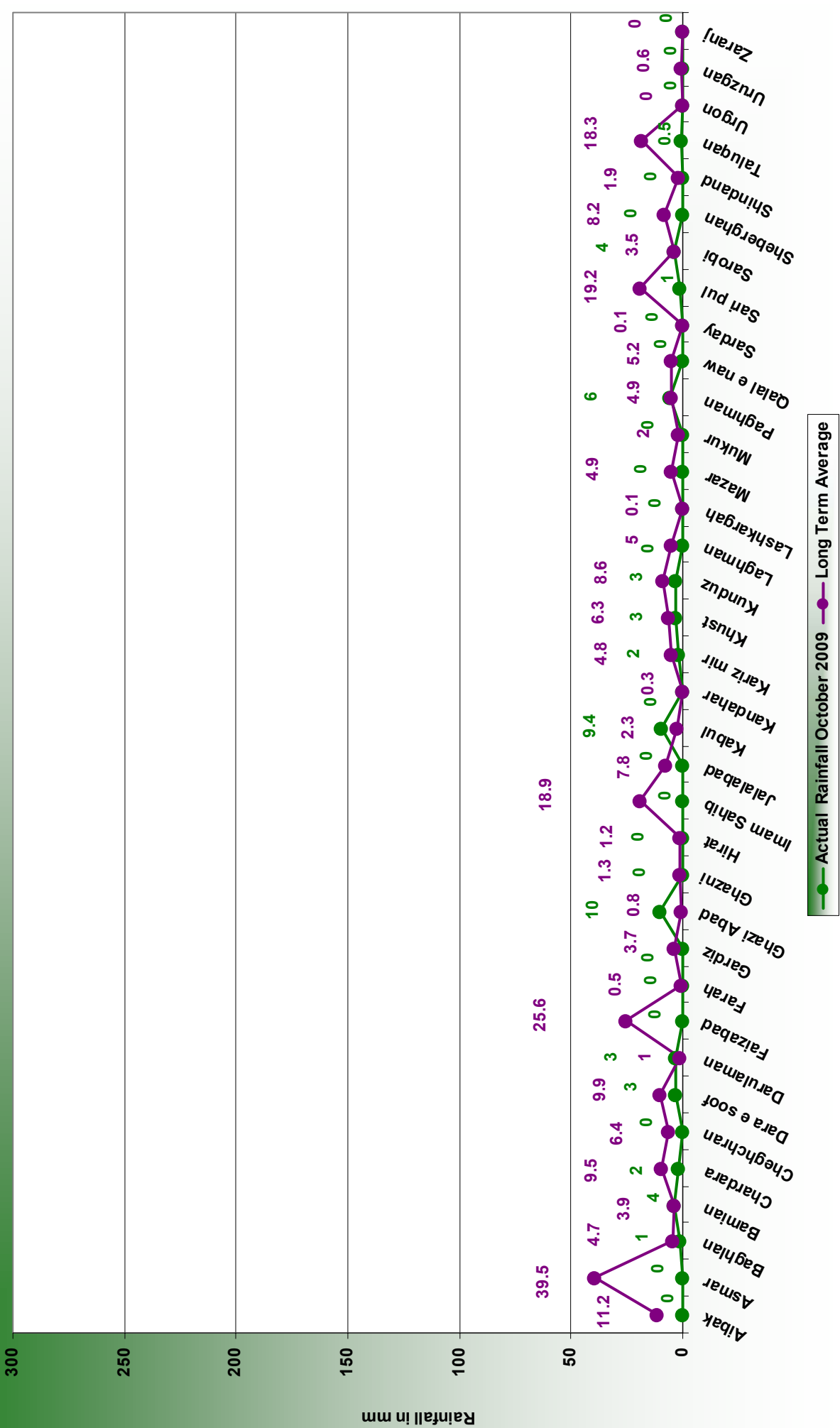


Monthly Rainfall Comparison
With
Long Term Average

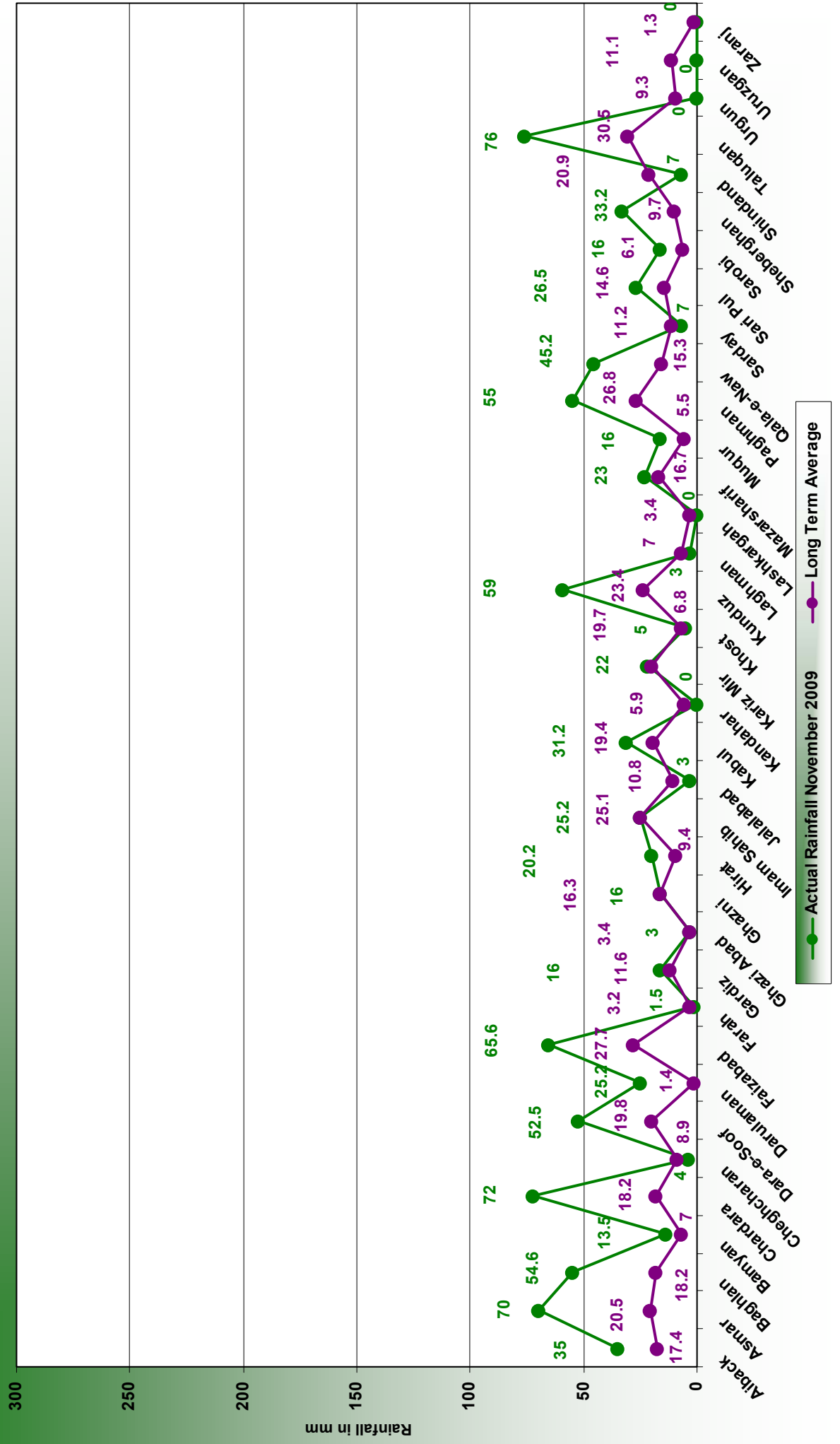
Comparison of Actual Rainfall September 2009 with the same Month of Long Term Average



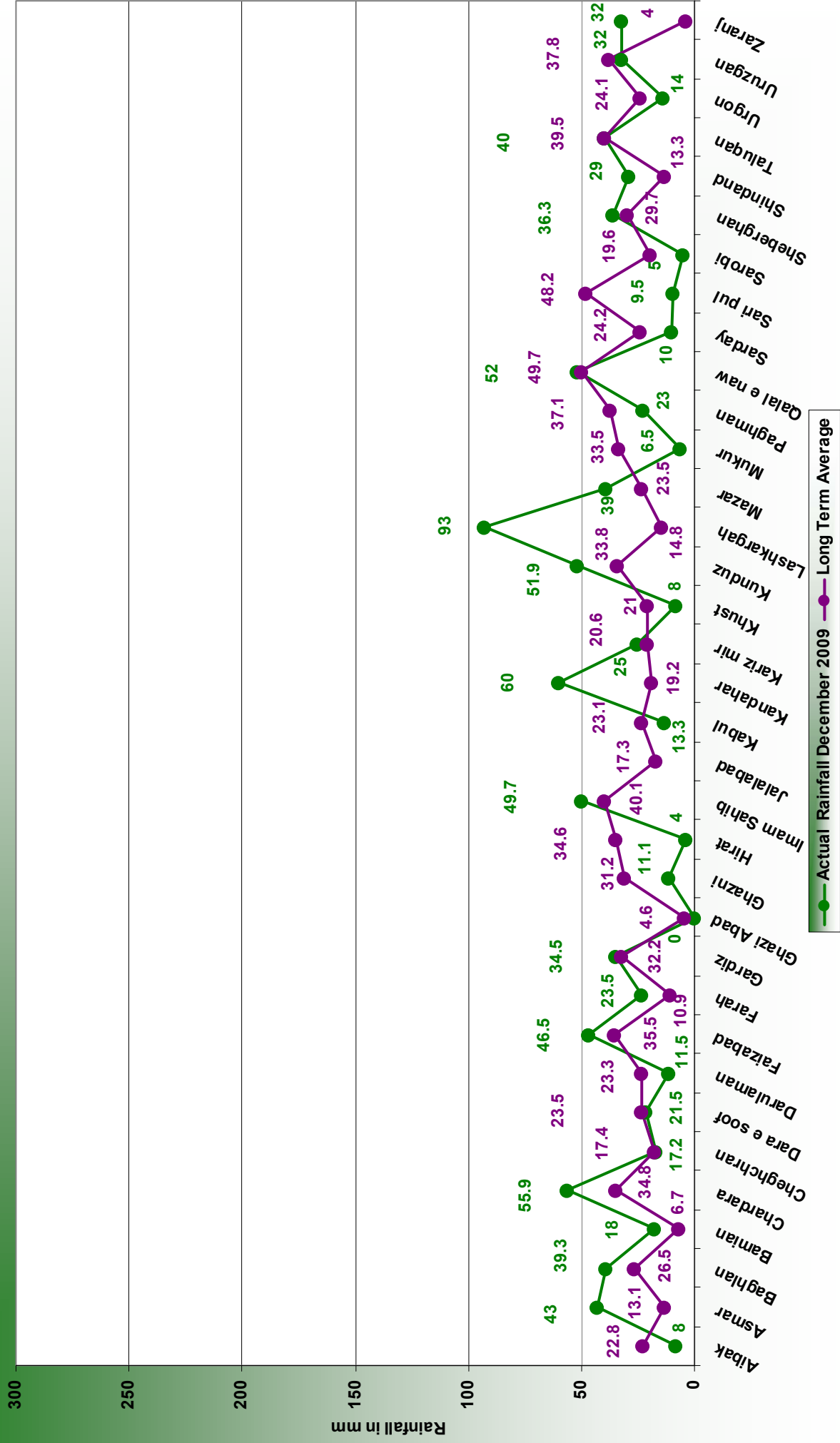
Comparison of Actual Rainfall October 2009 with the Same Month of Long Term Average



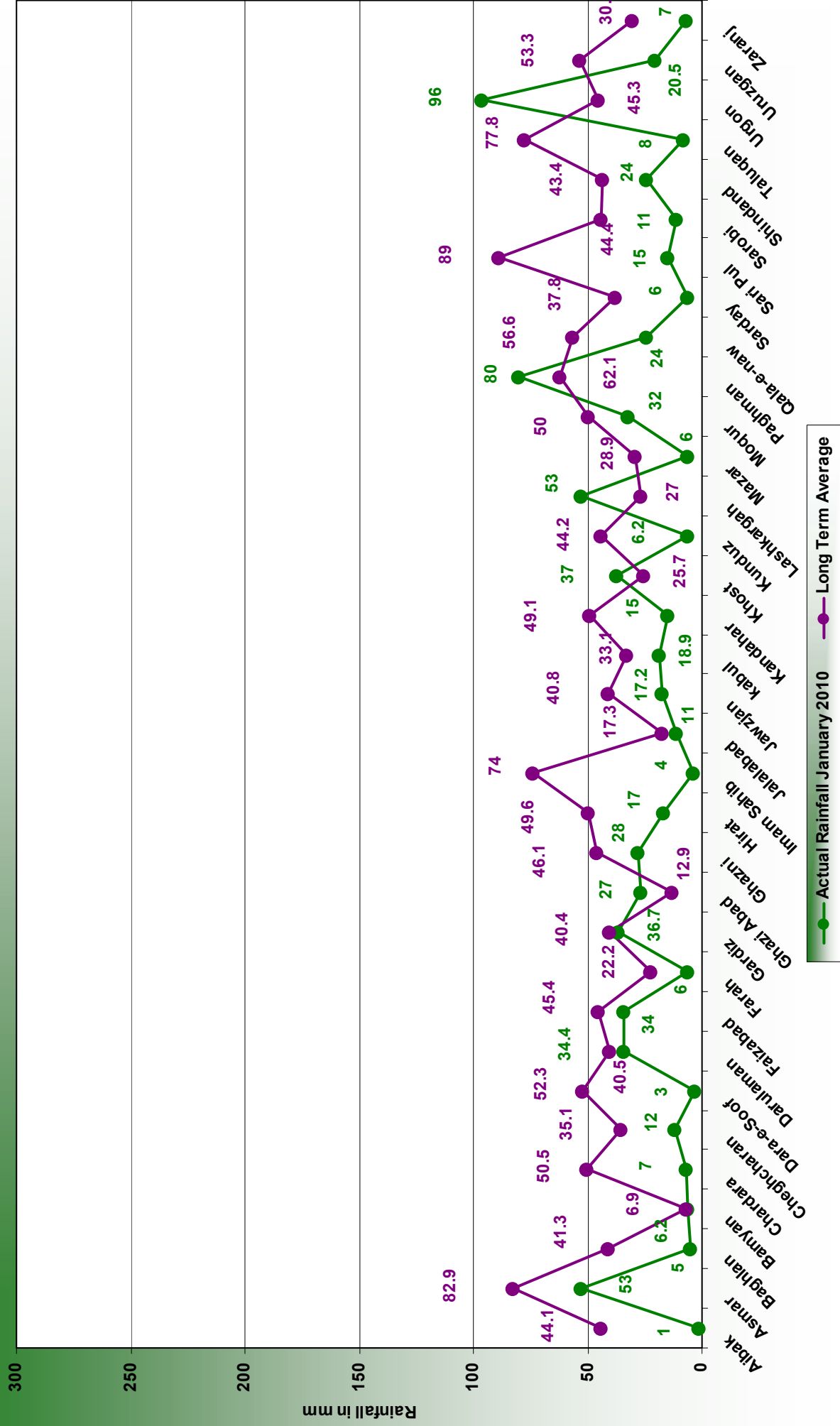
Comparison of Actual Rainfall November 2009 with the Same Month of Long Term Average



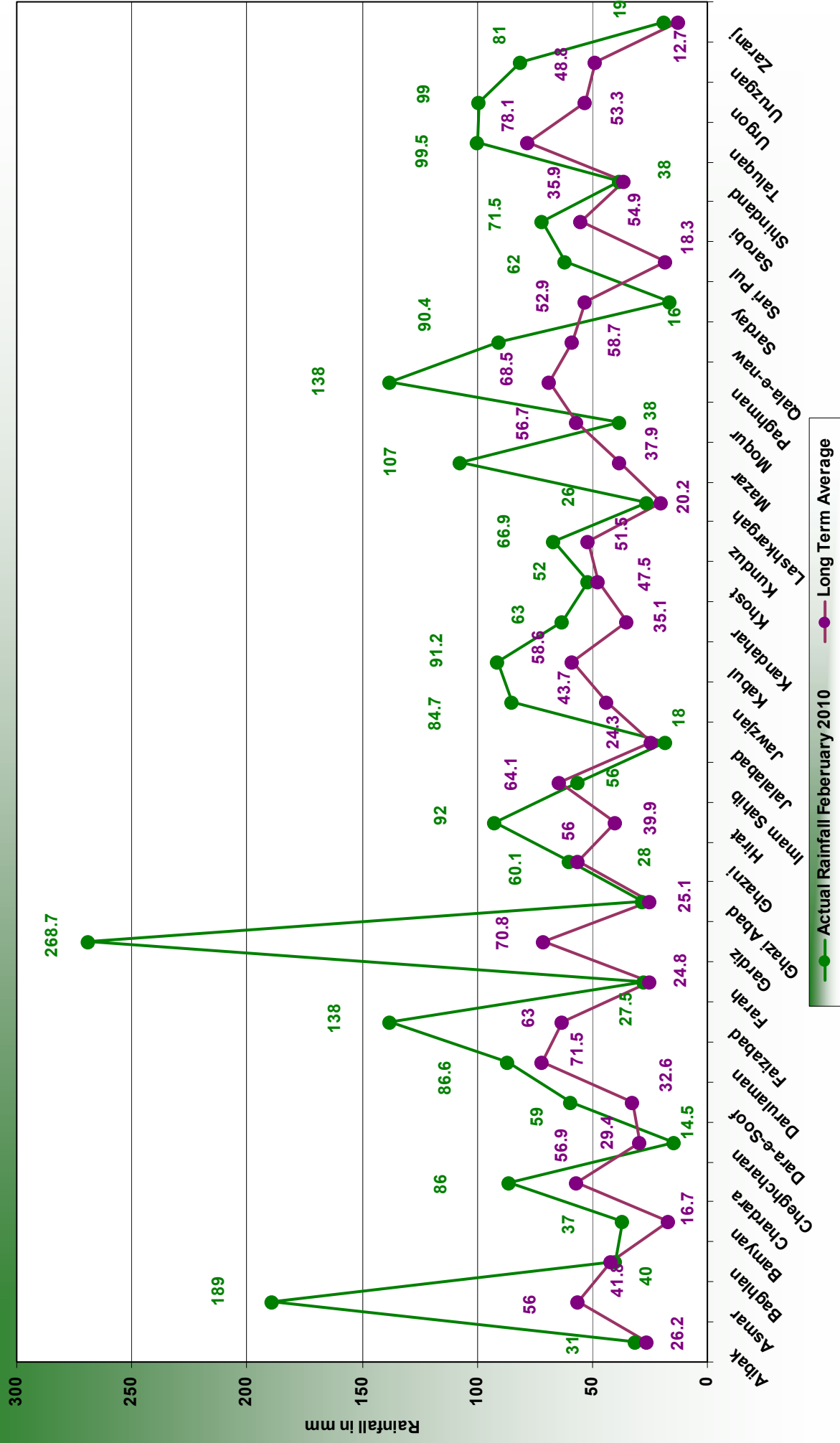
Comparison of Actual Rainfall December 2009 with the Same Month of Long Term Average



Comparison of Actual Rainfall January 2010 with the Same Month of Long Term Average



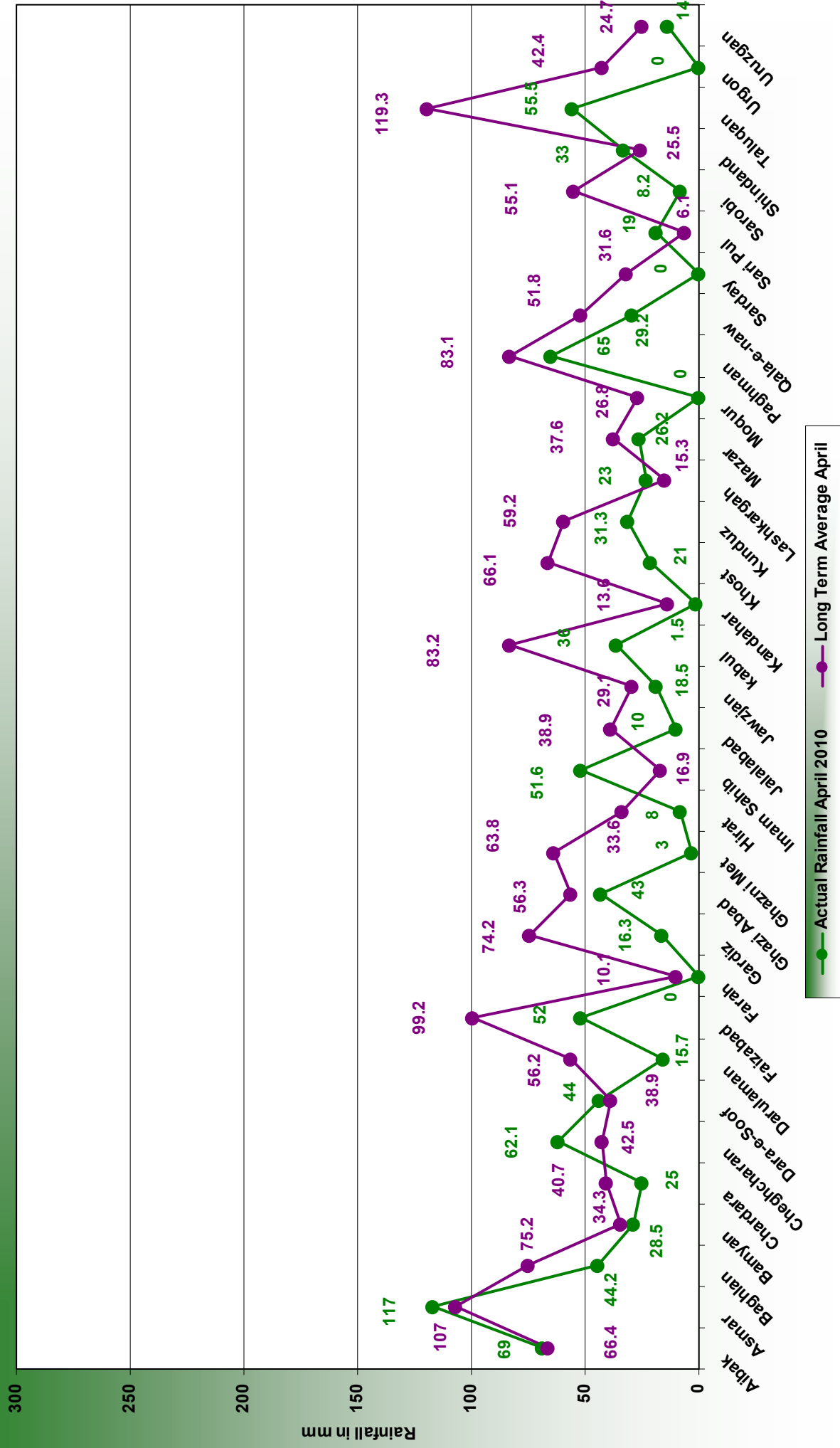
Comparison of Actual Rainfall February 2010 with the Same Month of Long Term Average



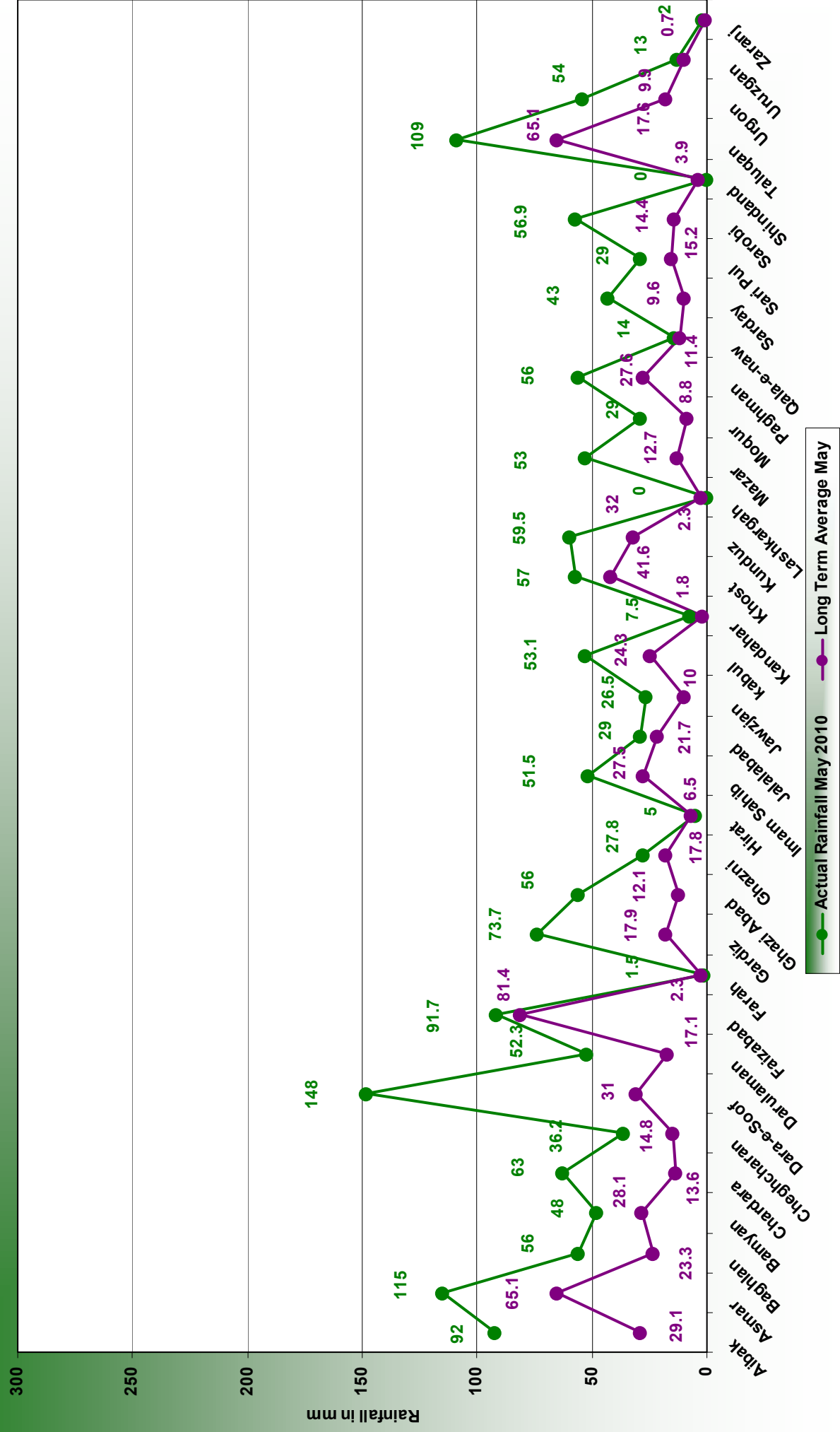
Comparison of Actual Rainfall March 2010 with the Same Month of Long Term Average



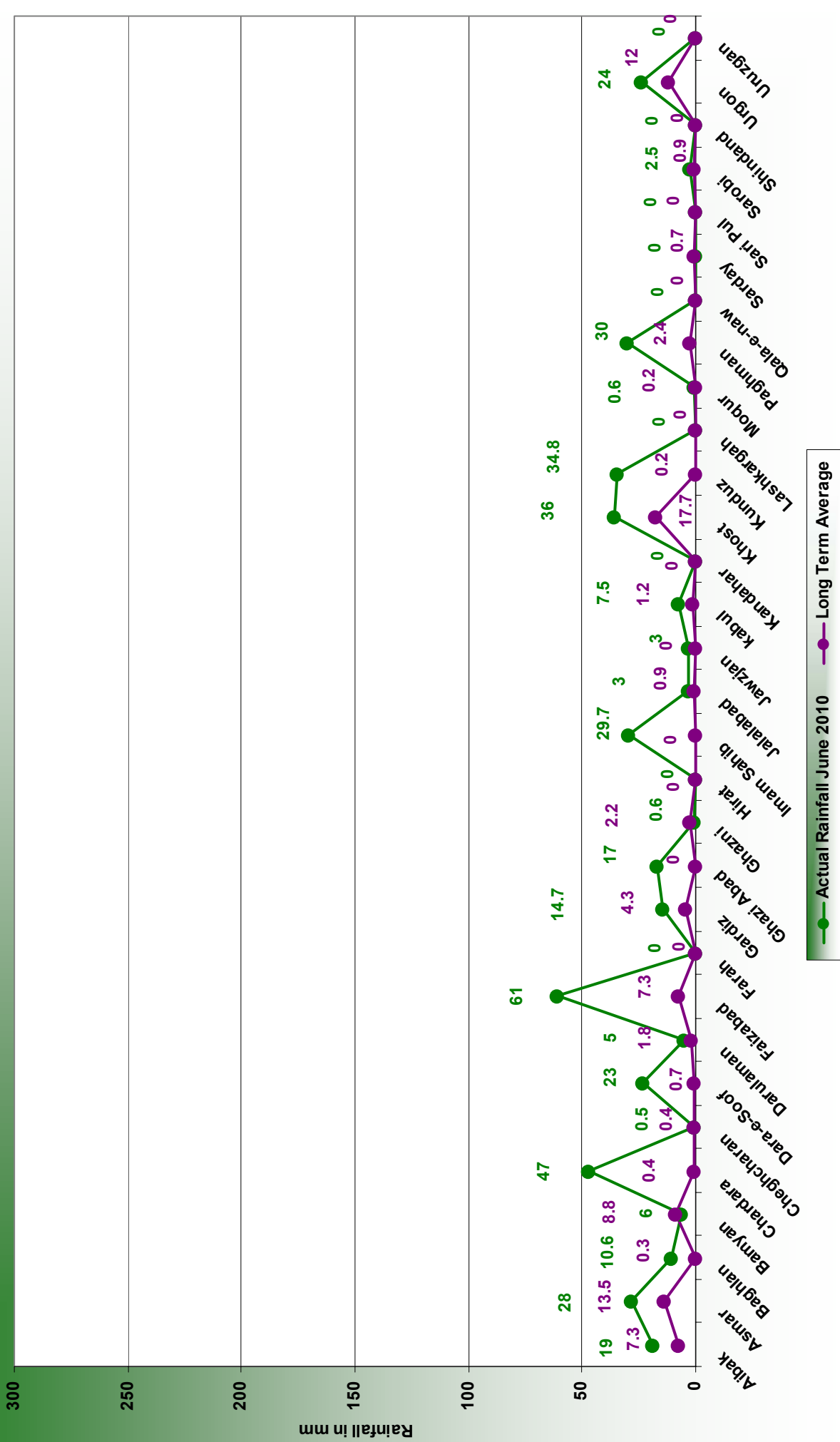
Comparison of Actual Rainfall April 2010 with the Same Month of Long Term Average



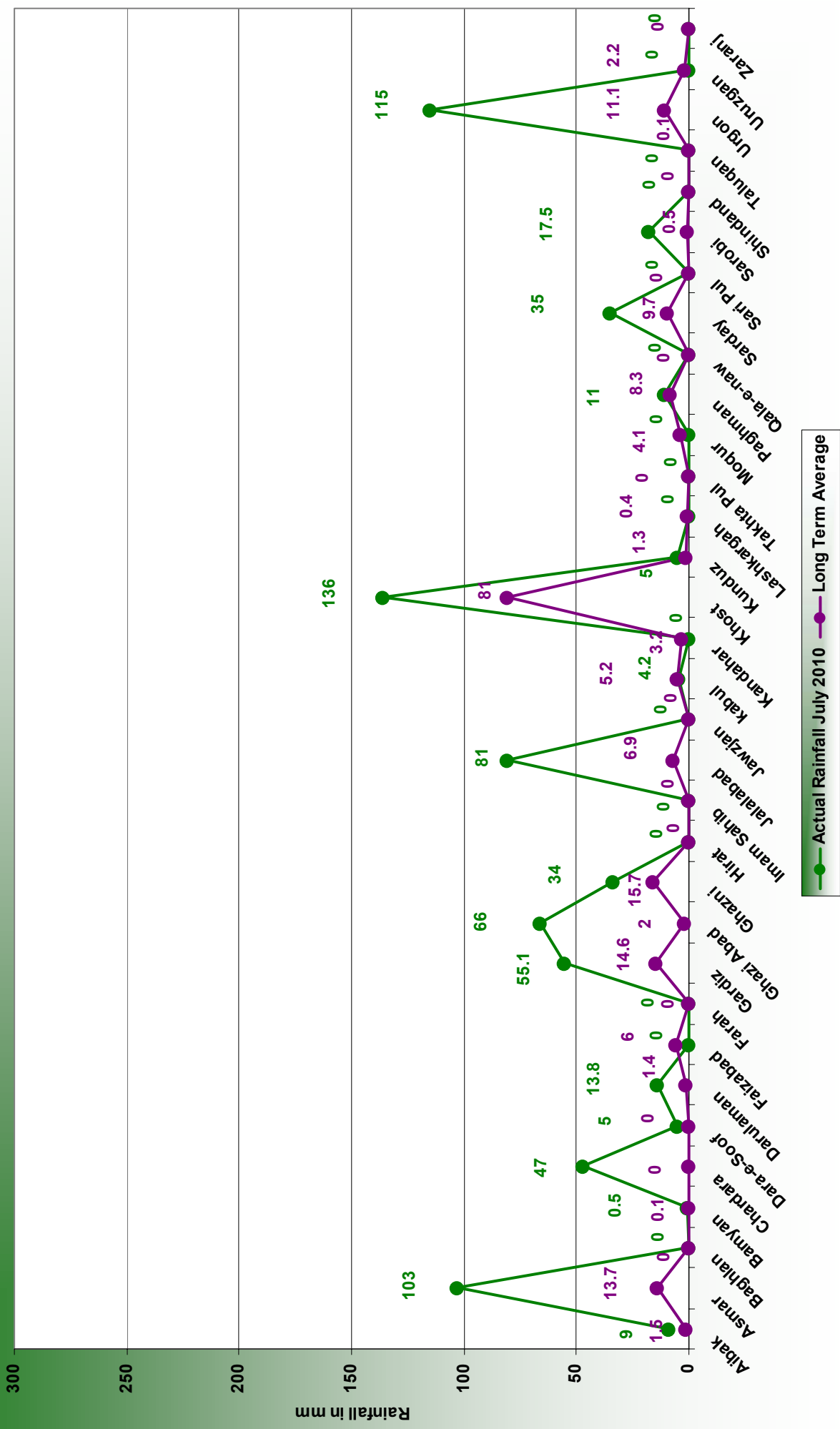
Comparison of Actual Rainfall May 2010 with the Same Month of Long Term Average



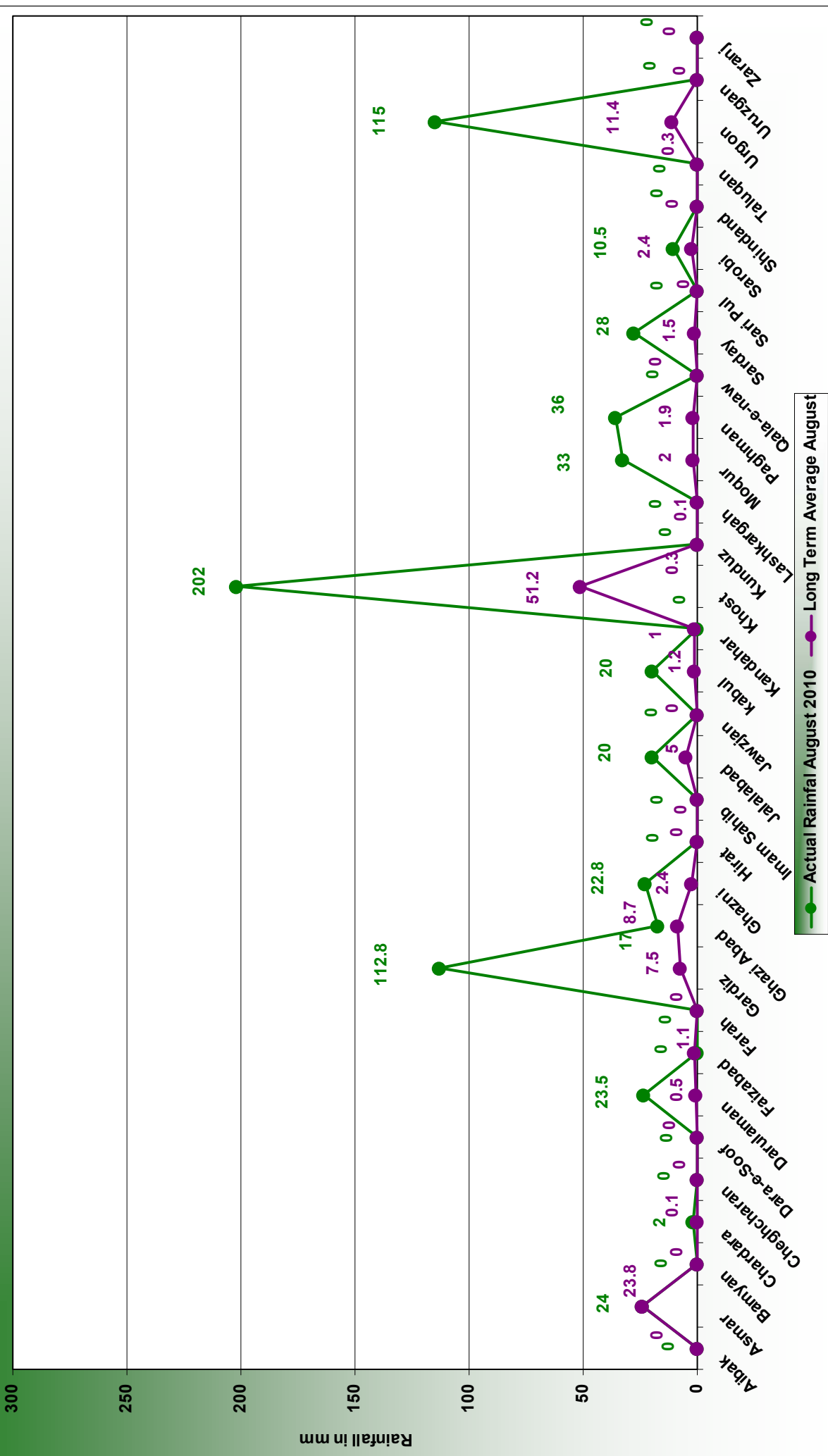
Comparison of Actual Rainfall June 2010 with the Same Month of Long Term Average



Comparison of Actual Rainfall July 2010 with the Same Month of Long Term Average



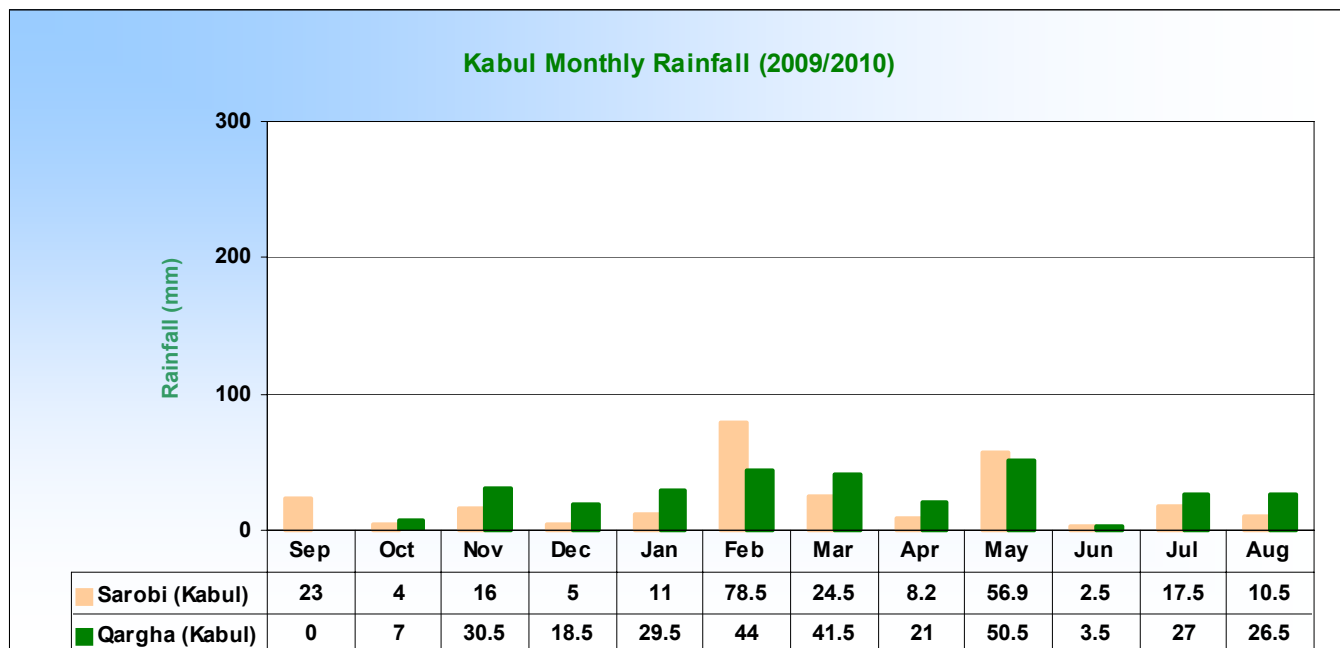
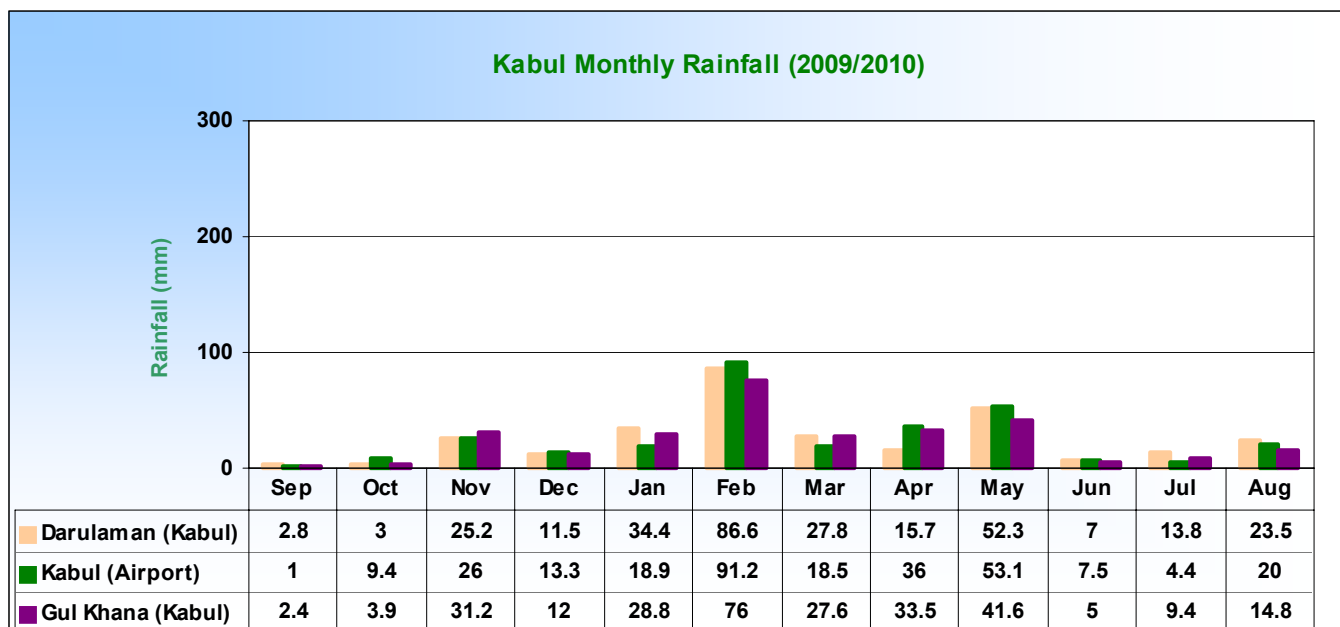
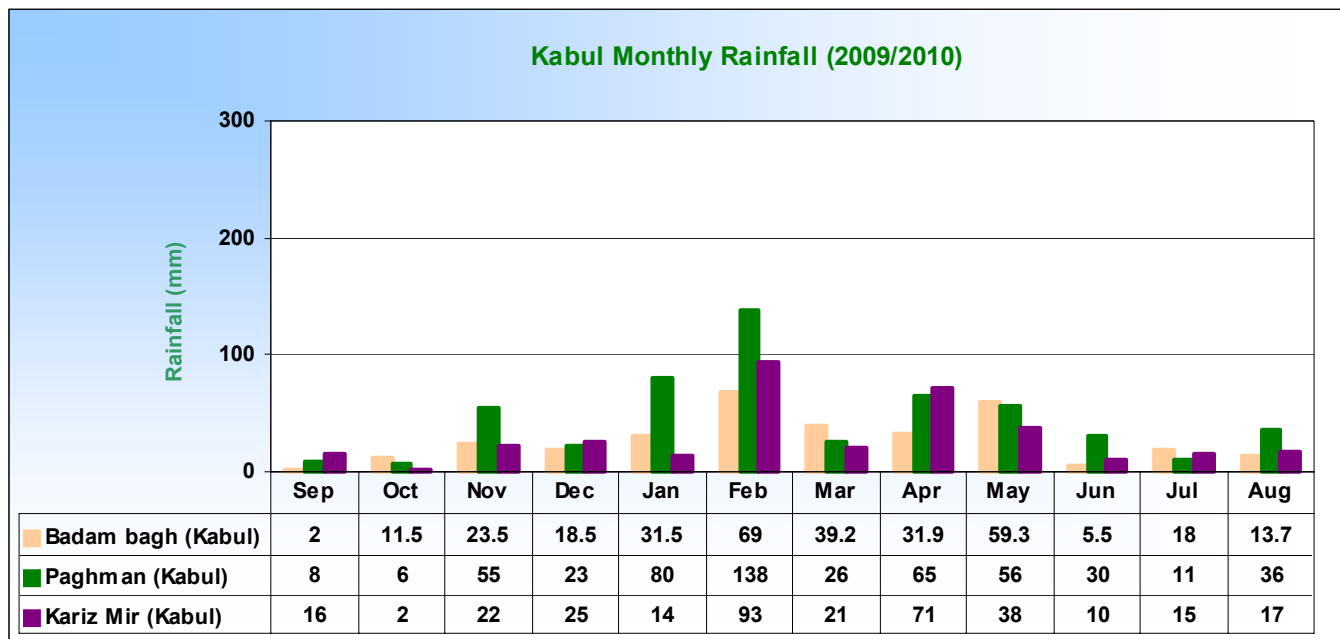
Comparison of Actual Rainfall August 2010 with the Same month of Long Term Average



**Dekadal Rainfall (mm) Graphs for
Season (2009-2010)
By Region**

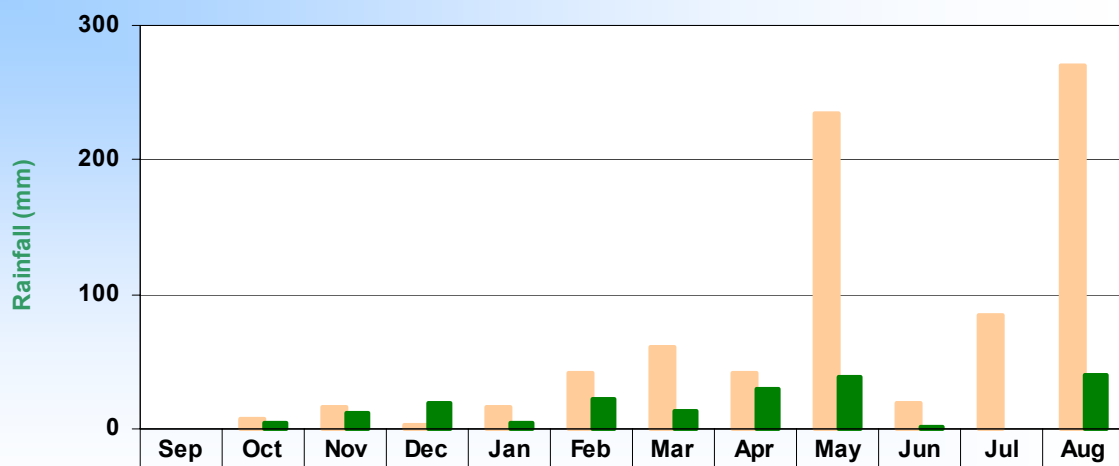
Dekadal Rainfall Graphs by Region

Capital Region



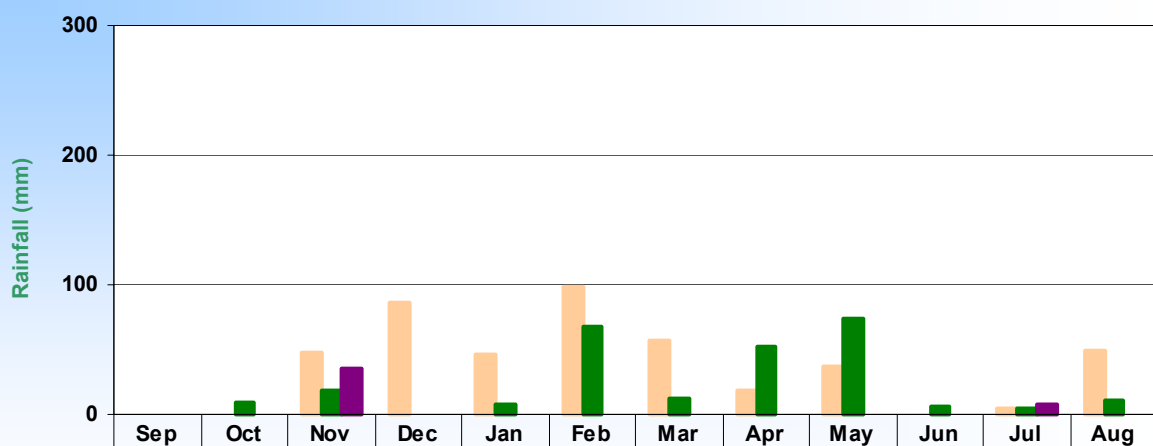
Capital Region

Wardak Monthly Rainfall (2009/2010)



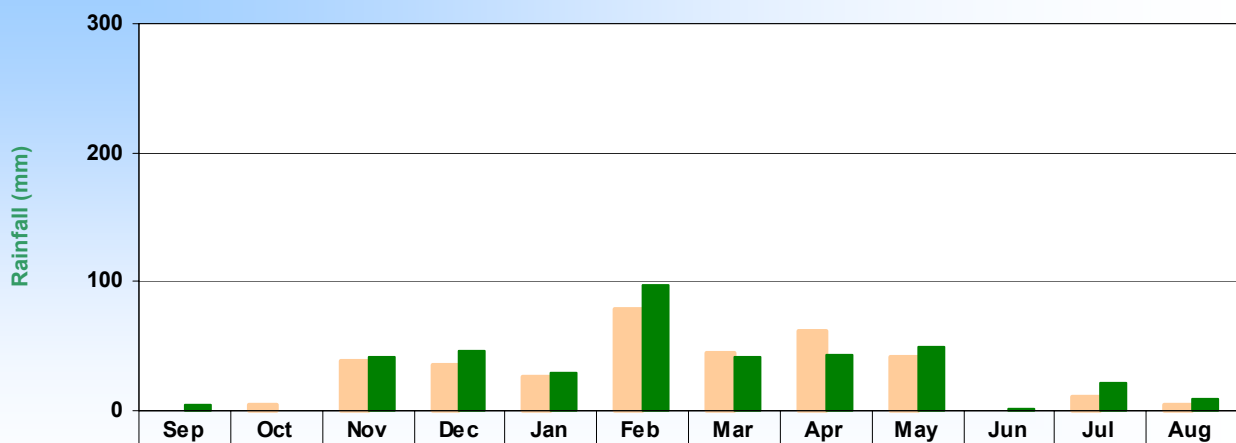
Jaghatoo (Wardak)	0	8	16	3	16	41	61	41	234	20	84	271
Chack (Wardak)	0	5	12	20	5	23	14	30	38	2	0	40

Parwan Monthly Rainfall (2009/2010)



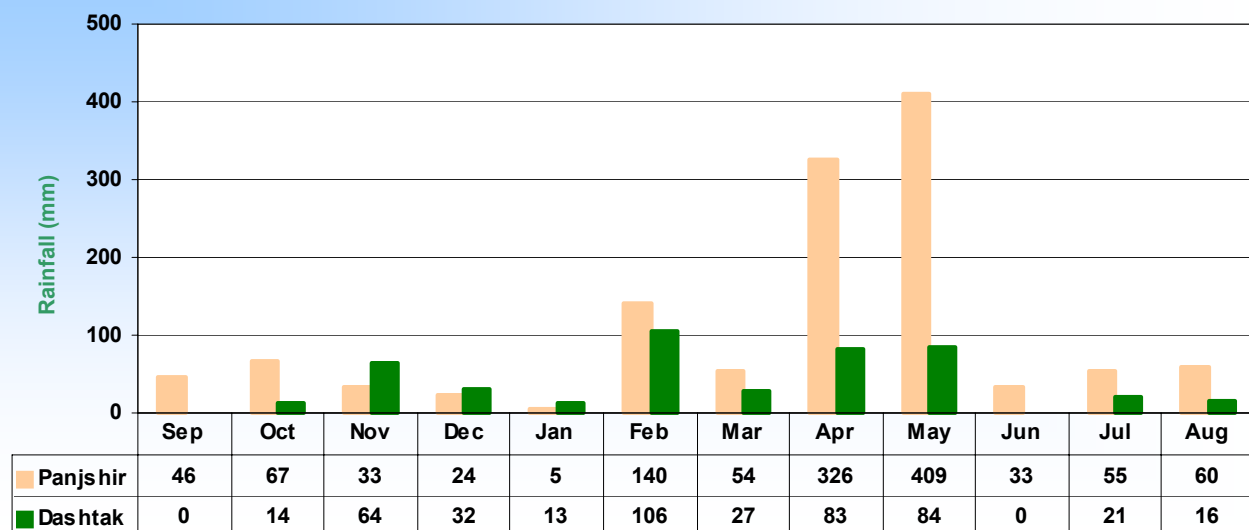
Charikar (Parwan)	0	0	47.5	86	46	99	57	18	37	0.5	5	49
Seya Gerd (Parwan)	0	9	18	0	7	67.5	13	52.1	74	6	4.5	11
Jabulsaraj (Parwan)	0	0	36	0	0	0	0	0	0	0	8	0

Kapisa Monthly Rainfall (2009/2010)



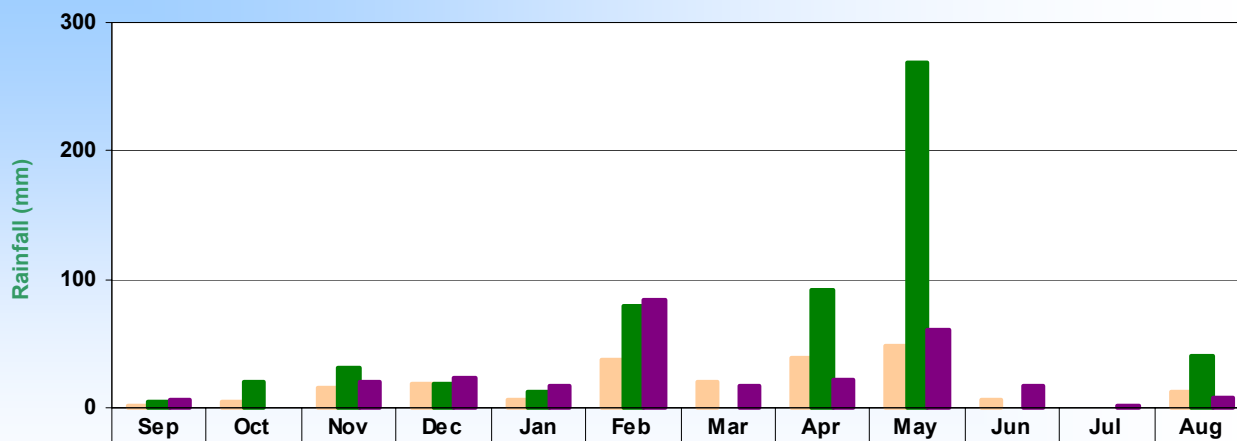
Kapisa	0	4	38.5	35.5	27	79.5	45	62.5	41.5	0	11	4
Kohestan	5	0	42	46	30	97	42	44	49	1	22	10

Panjshir Monthly Rainfall (2009/2010)



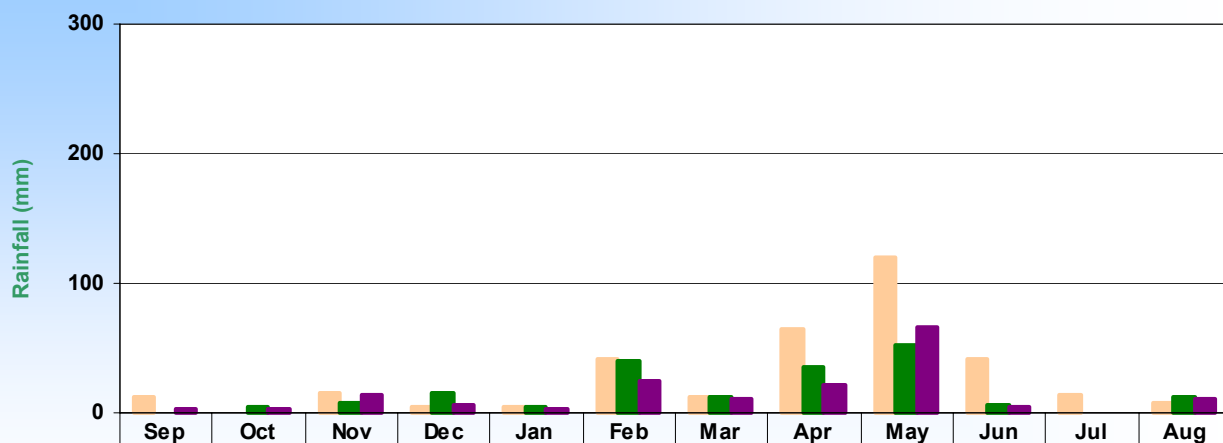
Central Highland Region

Bamyan Monthly Rainfall (2008/2009)



Bamyan	1	4	15.5	18	6.2	37	19.5	39.2	48	6	0.5	12.5
Panjab	4	20	31	18	12	79	0	91	269	0	0	40
Yakawlang	6	0	20	23	17	84	17	22	61	17	1	8

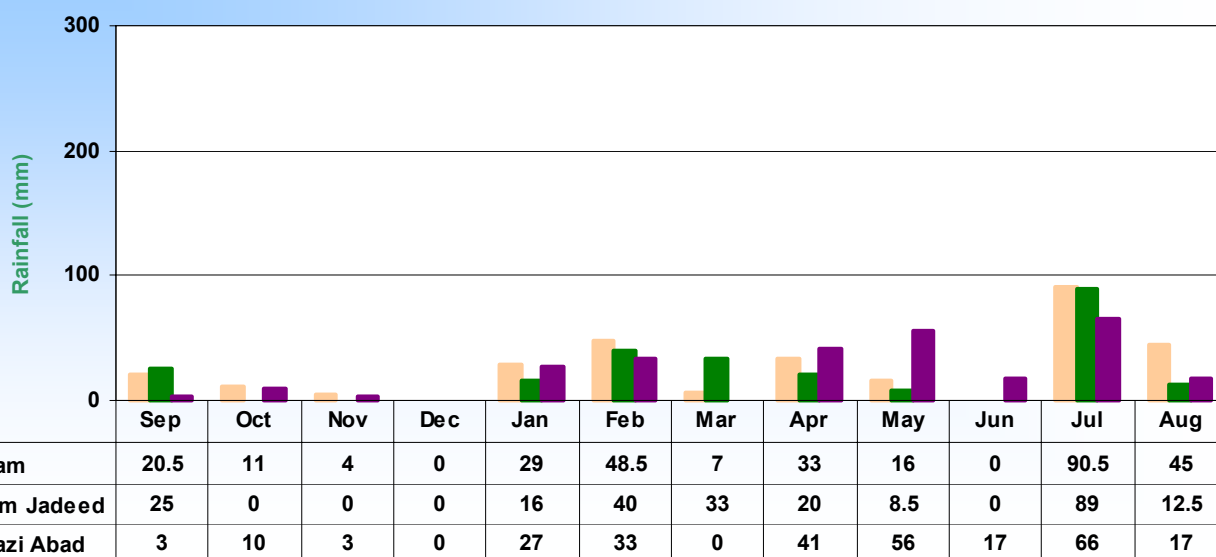
Bamyan Monthly Rainfall (2008/2009)



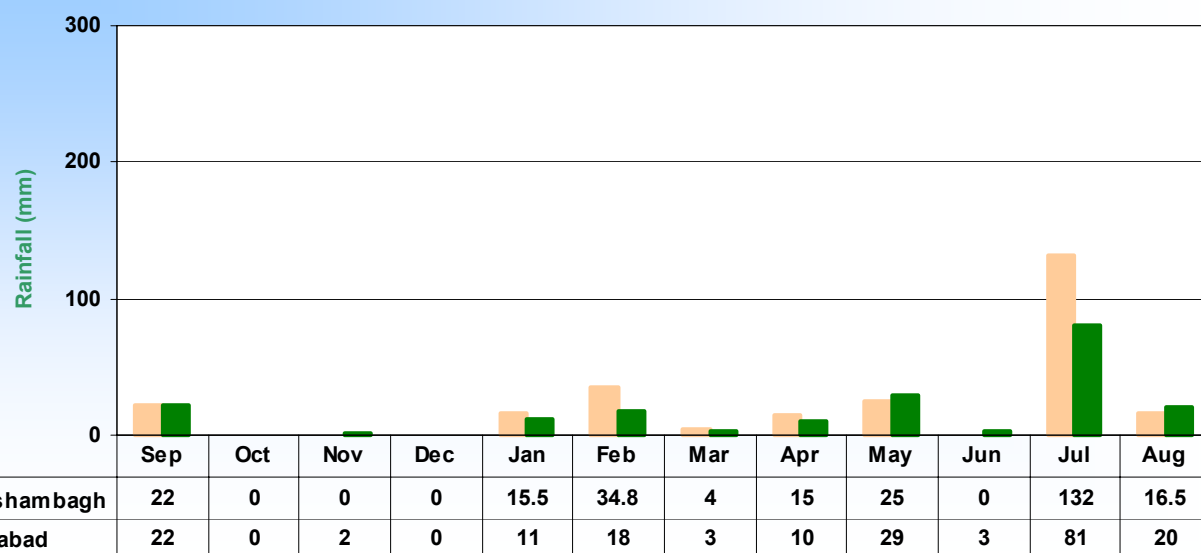
Kohmard	12	0	15	5	5	42	12	65	120	42	14	8
Mula Ghulam	0	4	8	15	4	40	13	36	52	6	0	13
Shebar	3	3	13.9	5.7	3.5	25	11	20.9	65.7	4.5	0	11

Eastern Region

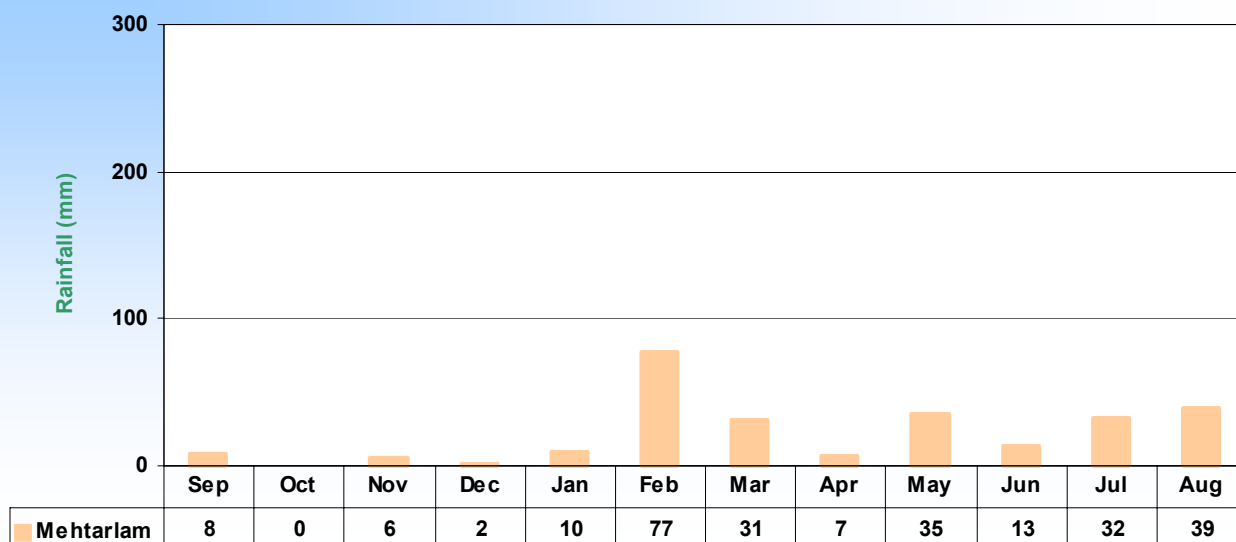
Nangarhar Monthly Rainfall (2009/2010)



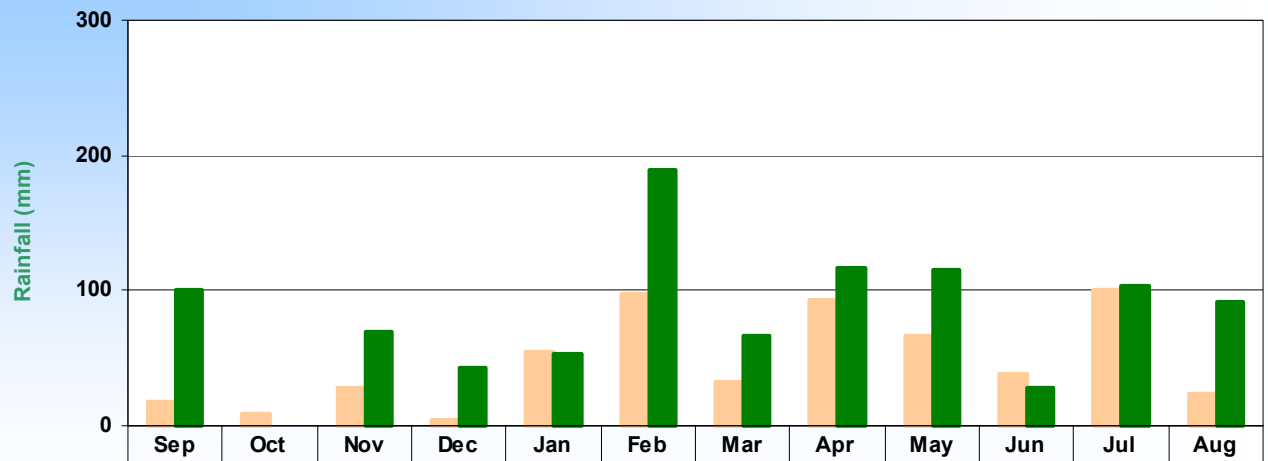
Nangarhar Monthly Rainfall (2009/2010)



Laghman Monthly Rainfall (2009/2010)

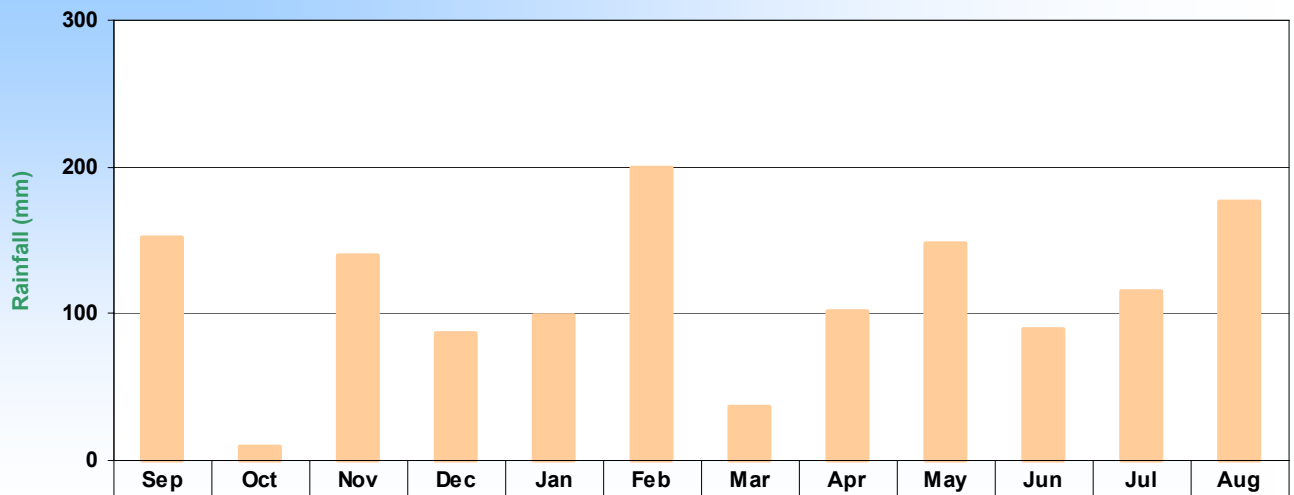


Kunar Monthly Rainfall (2009/2010)



Asad Abad	18	9	28	5	55	97	32	93	66	38	101	24
Asmar	100	0	70	43	53	189	67	117	115	28	103	92

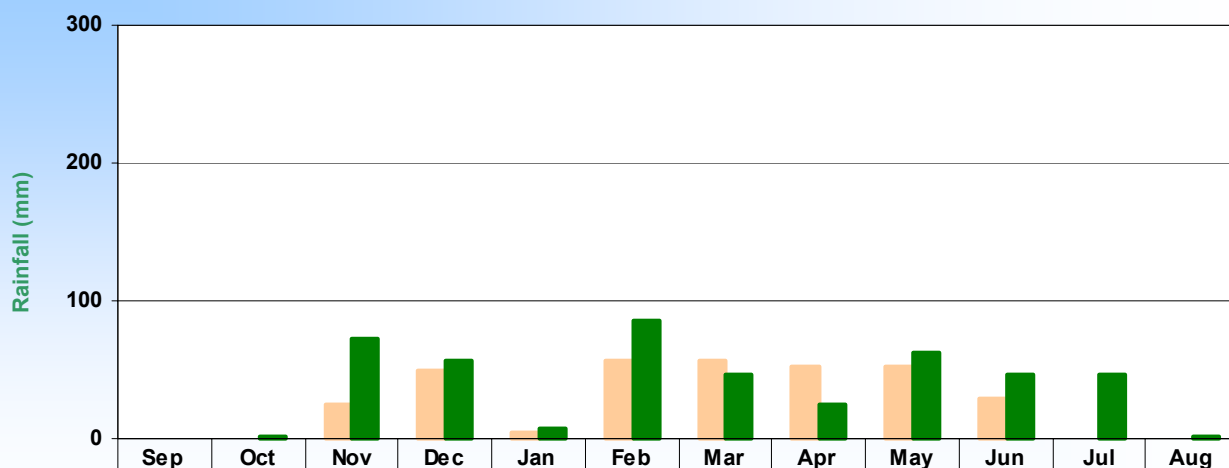
Nooristan Monthly Rainfall (2009/2010)



Paroon	152	9.5	140	87	99	199	37	102	148	90	115	176
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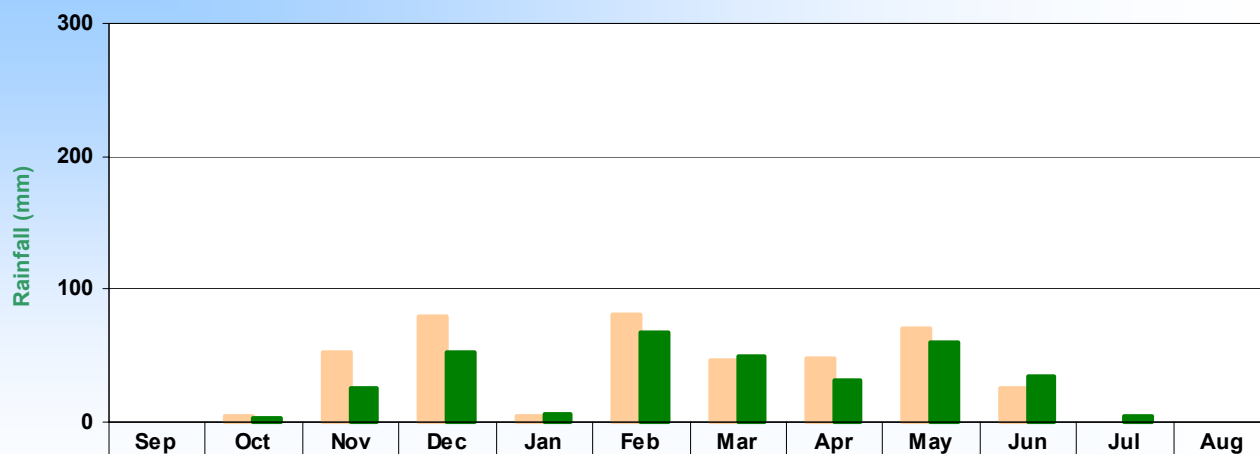
North East Region

Kunduz Monthly Rainfall (2009/2010)



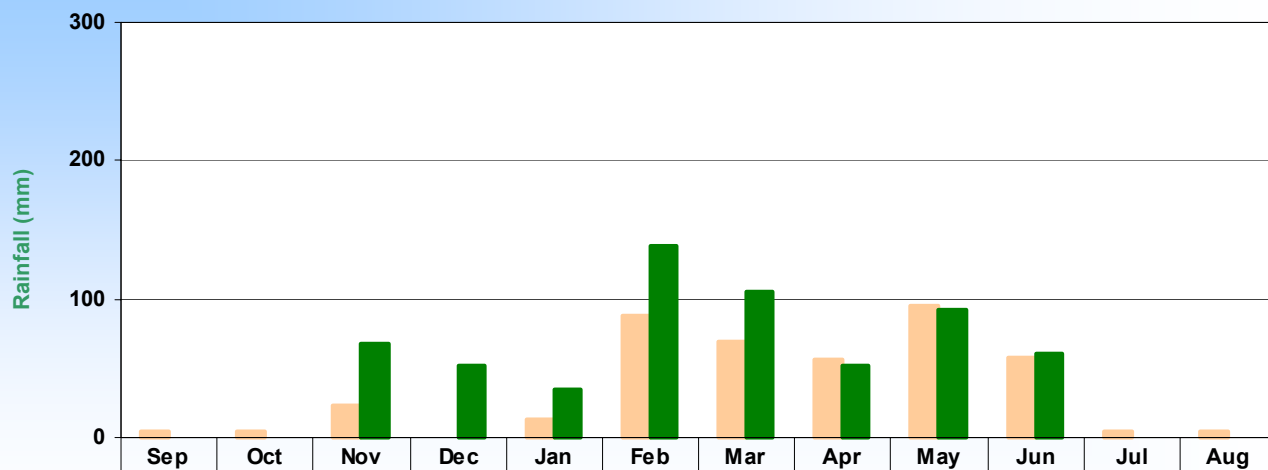
Imam Sahib	0	0	25.2	49.7	4	56	56.8	51.6	51.6	29.7	0	0
Chardara	0	2	72	55.9	7	85	47	25	63	47	47	2

Kunduz Monthly Rainfall (2009/2010)



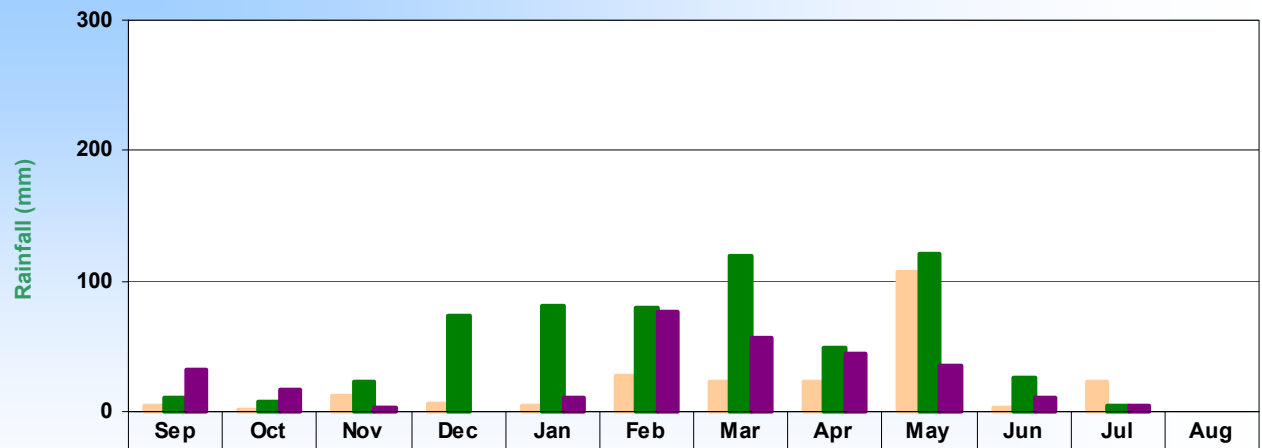
Aaqtepa	0	4	53	80	4	81	46	48	70	25	0	0
Kunduz	0	3	25.5	51.9	6.2	66.9	49.2	31.3	59.5	34.8	5	0

Badakhshan Monthly Rainfall (2009/2010)



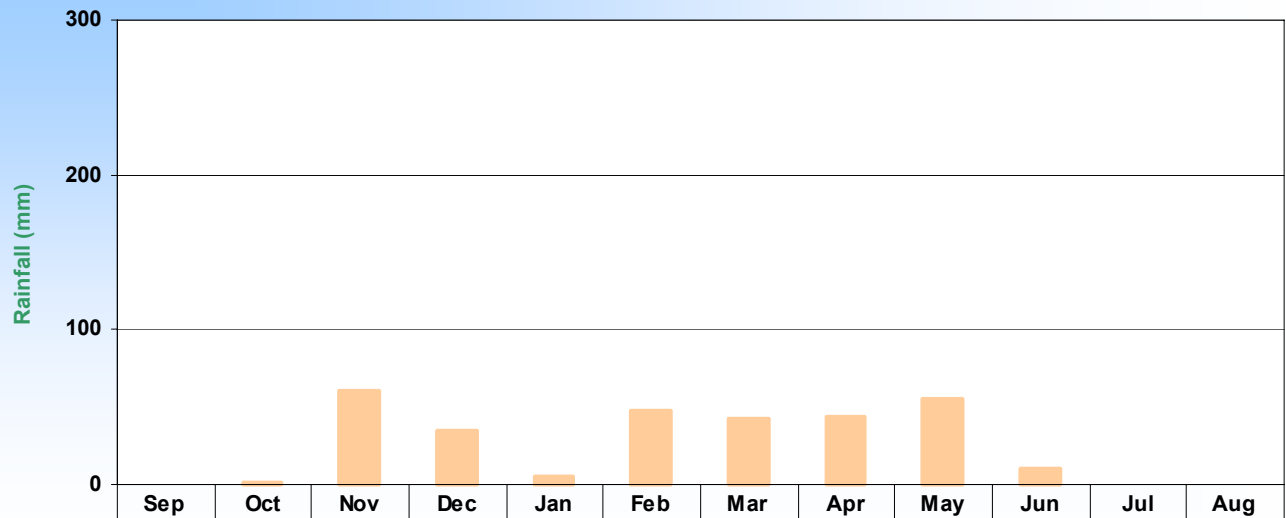
Baharak	4	5	23	0	12.8	88	69.4	56.5	95.5	57.5	4	5
Faizabad	0	0	67.5	51.5	34	138	105.5	52	91.7	61	0	0

Badakhshan Monthly Rainfall (2009/2010)



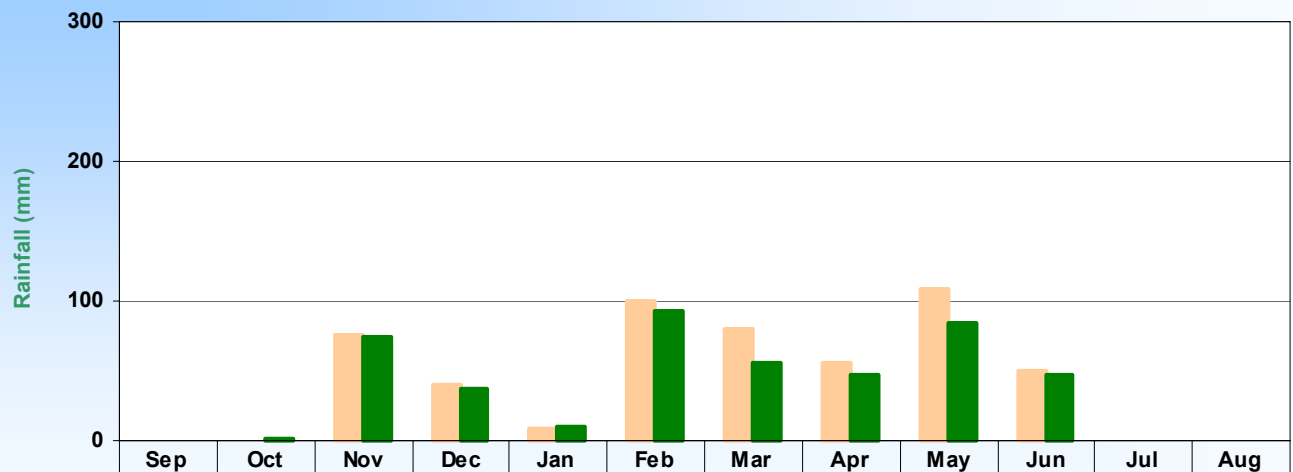
Eshkasham	4	2	12	6	4.5	27	23	23	106.5	3	23	0
Khash	10	8	23	74	81	80	120	49	121	26	5	0
Urgo	32	17	3	0	10	77	57	44	35	11	4	0

Baghlan Monthly Rainfall (2009/2010)



Baghlan	0	1	60.6	34.8	5	47.4	42	44.2	56	10.6	0	
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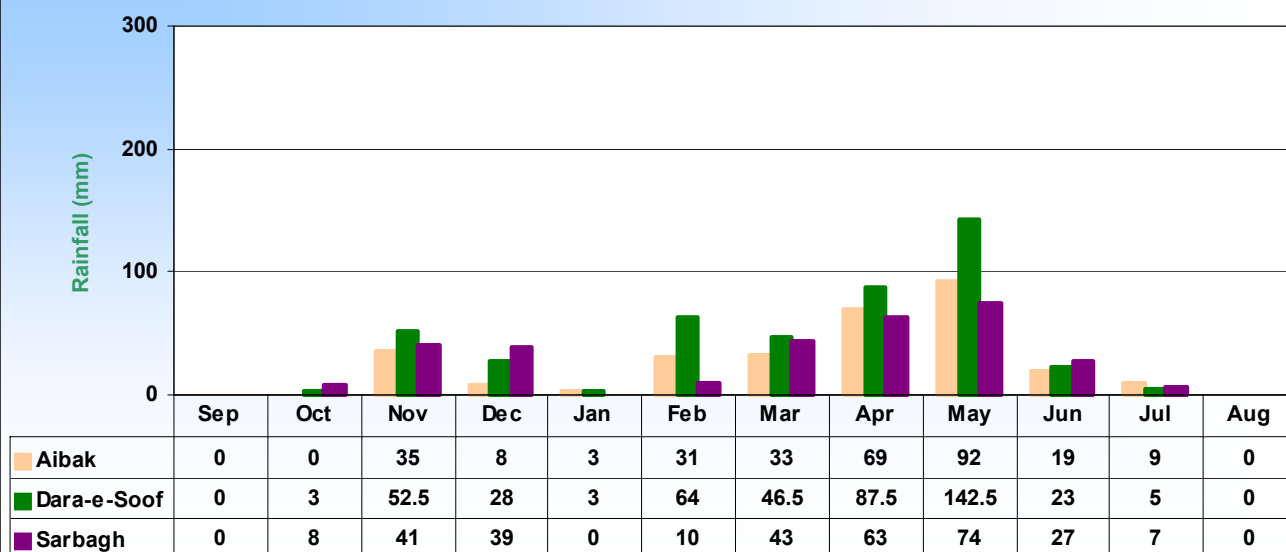
Takhar Monthly Rainfall (2009/2010)



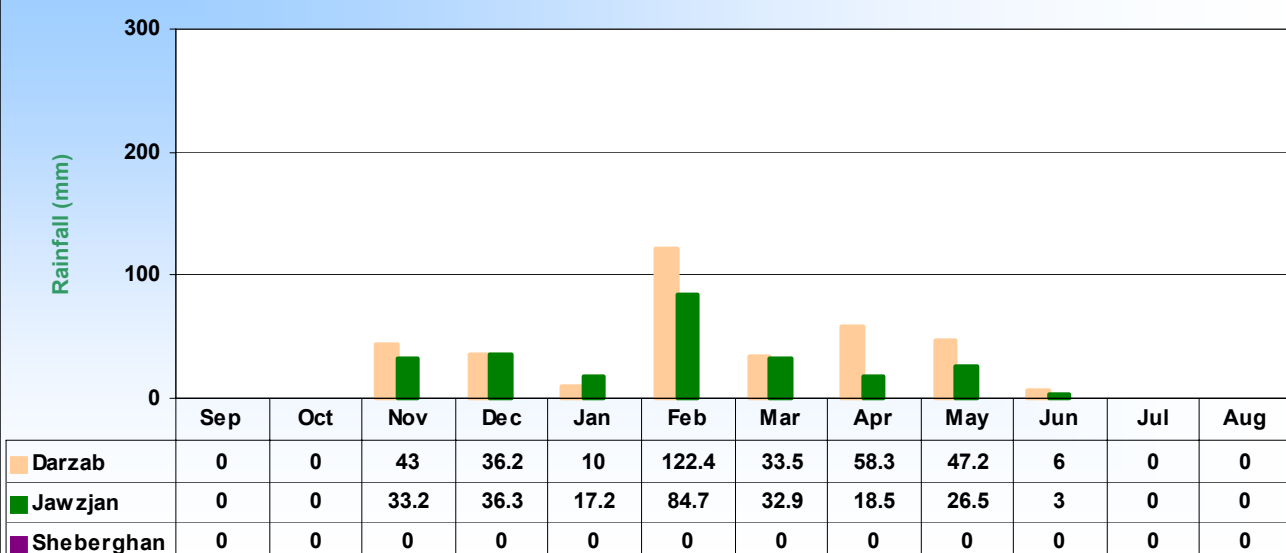
Taluqan	0	0	76	40	8	99.5	80.5	55.5	109	50	0	0
Bangi	0	1	75	36.5	9.5	93	56	47	85	47	0	0

Northern Region

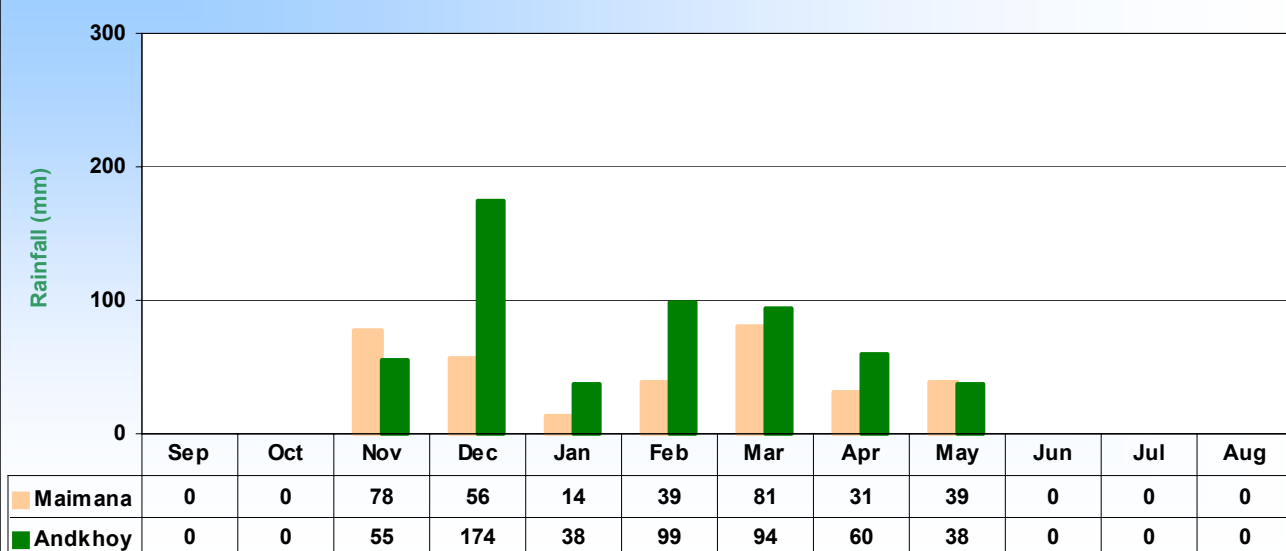
Samangan Monthly Rainfall (2009/2010)



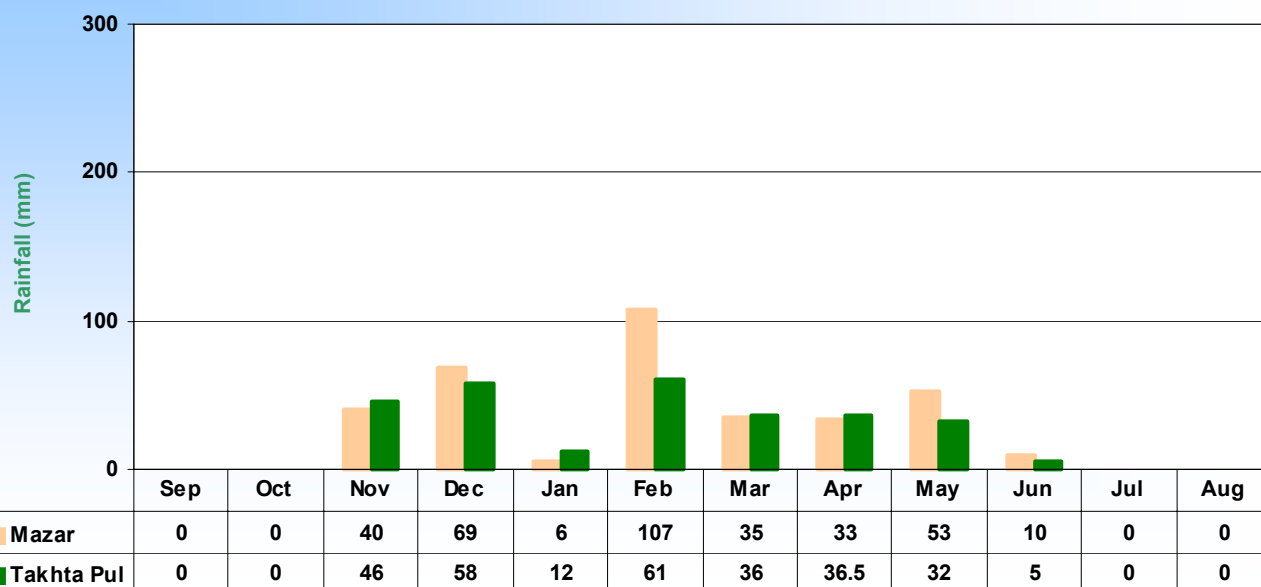
Jawzjan Monthly Rainfall (2009/2010)



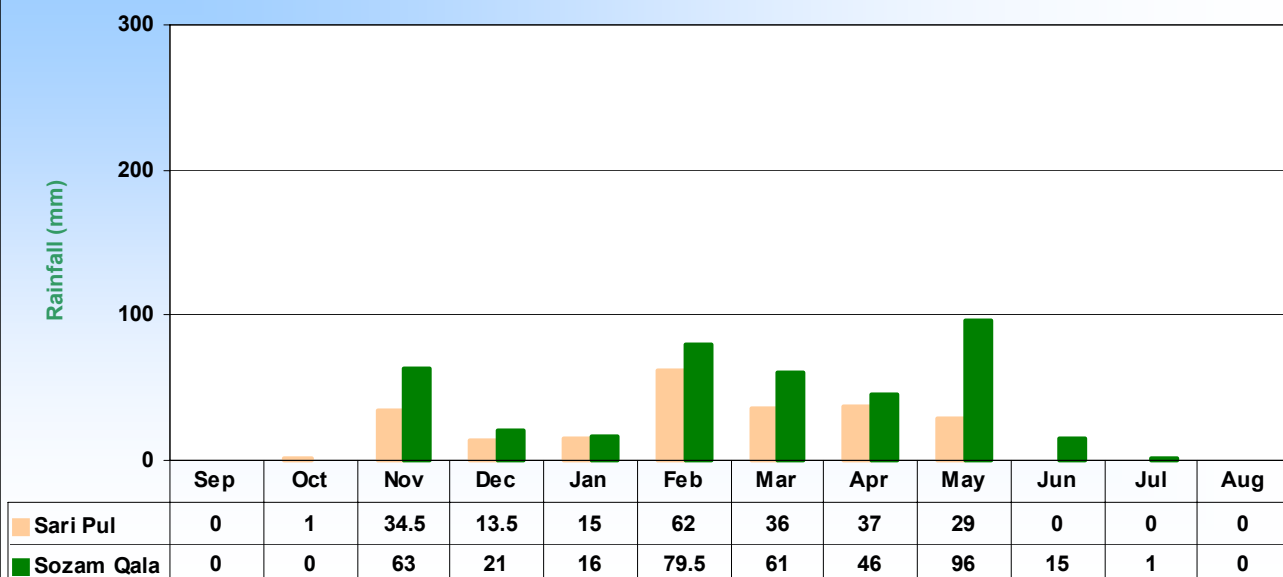
Faryab Monthly Rainfall (2009/2010)



Balkh Monthly Rainfall (2009/2010)

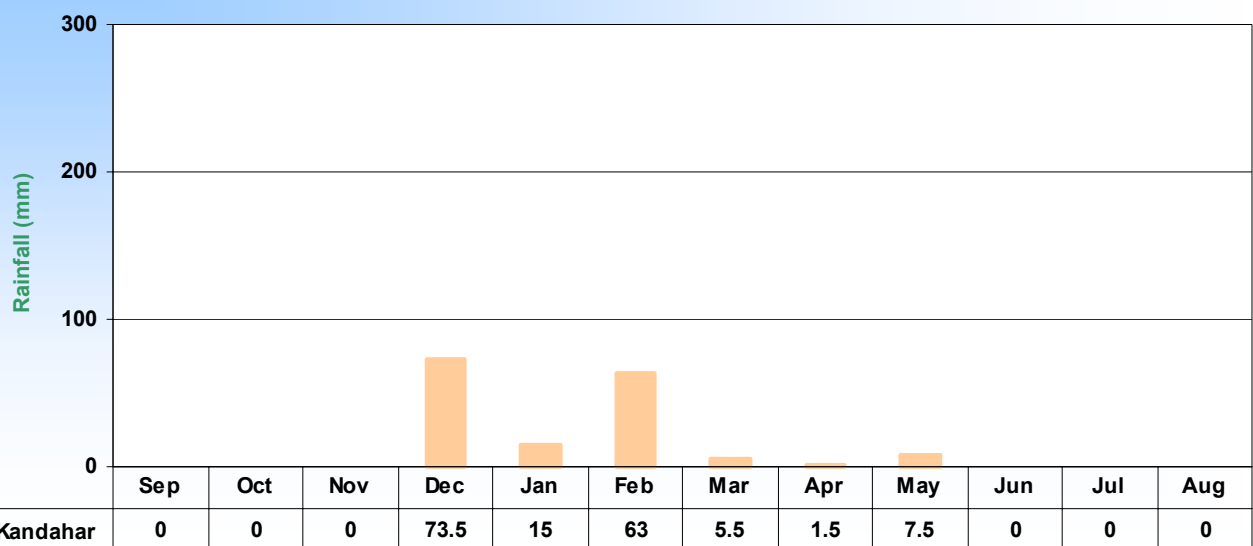


Sari Pul Monthly Rainfall (2009/2010)

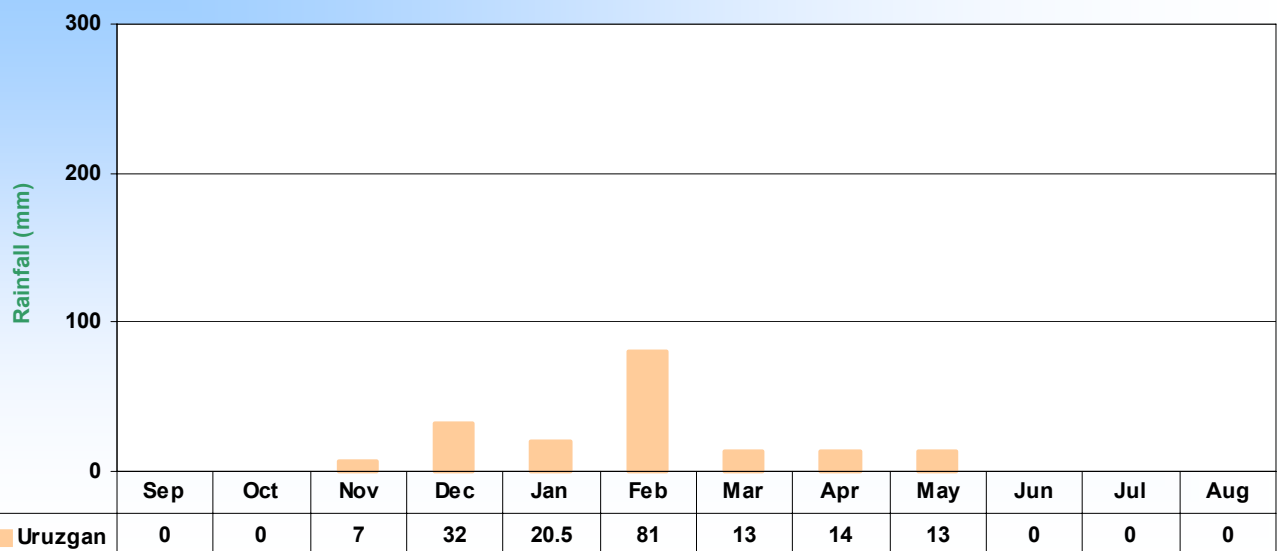


Southern Region

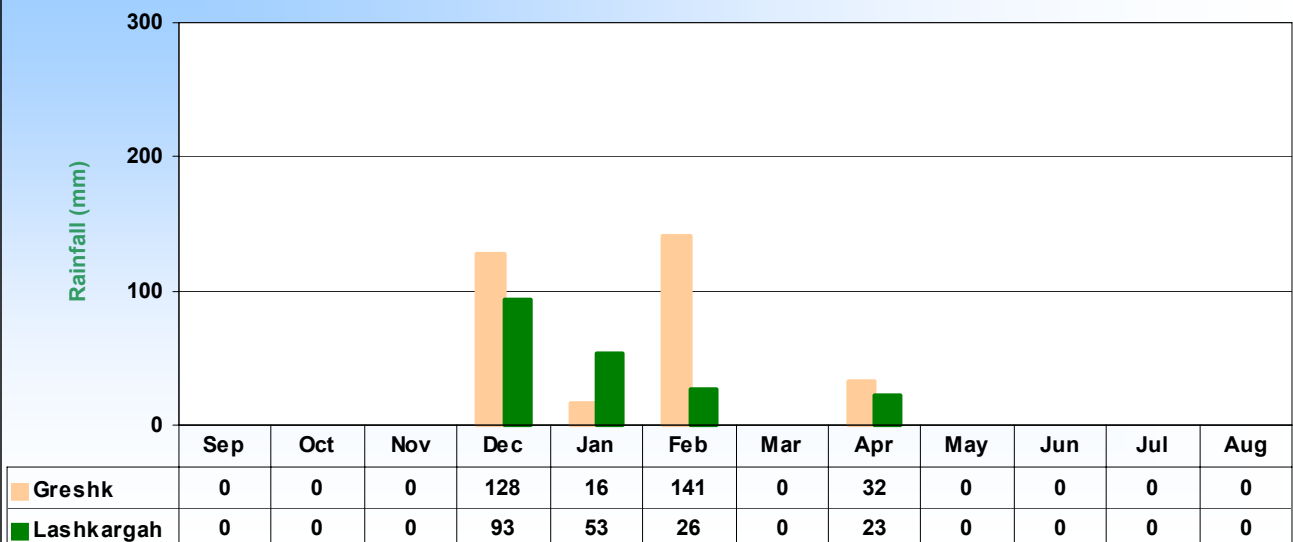
Kandahar Monthly Rainfall (2009/2010)



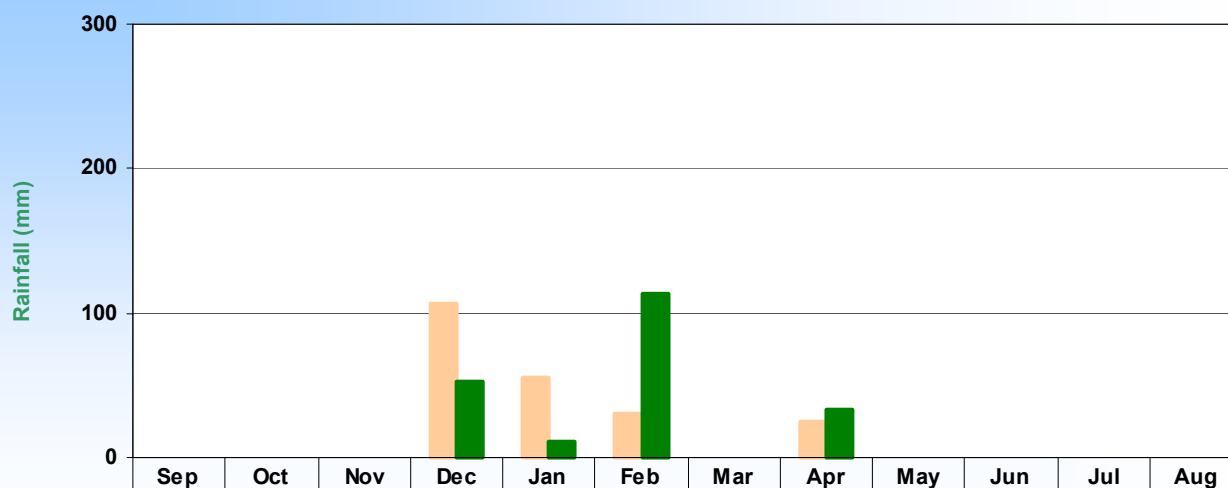
Uruzgan Monthly Rainfall (2009/2010)



Hilmand Monthly Rainfall (2009/2010)

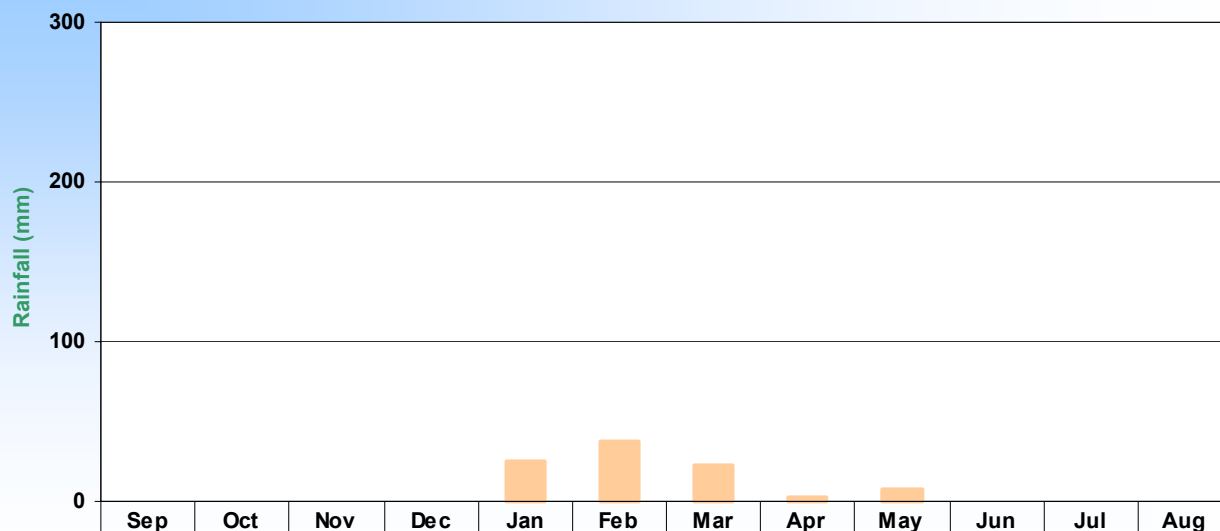


Hilmand Monthly Rainfall (2009/2010)



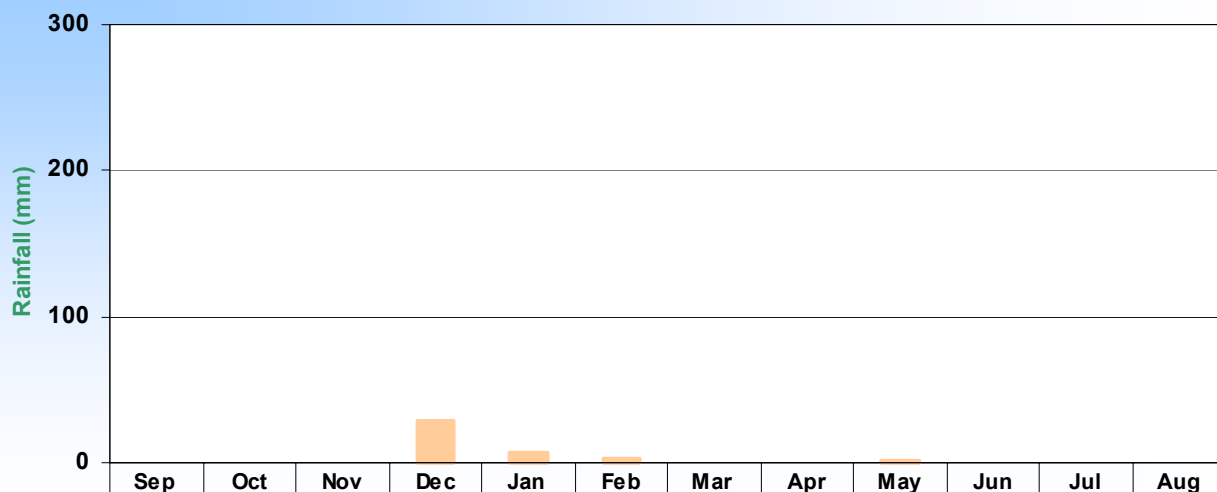
Nad Ali	0	0	0	106	55	31	0	25	0	0	0	0
Nawa Gorgin	0	0	0	52.7	11	114	0	33.5	0	0	0	0

Zabul Monthly Rainfall (2009/2010)



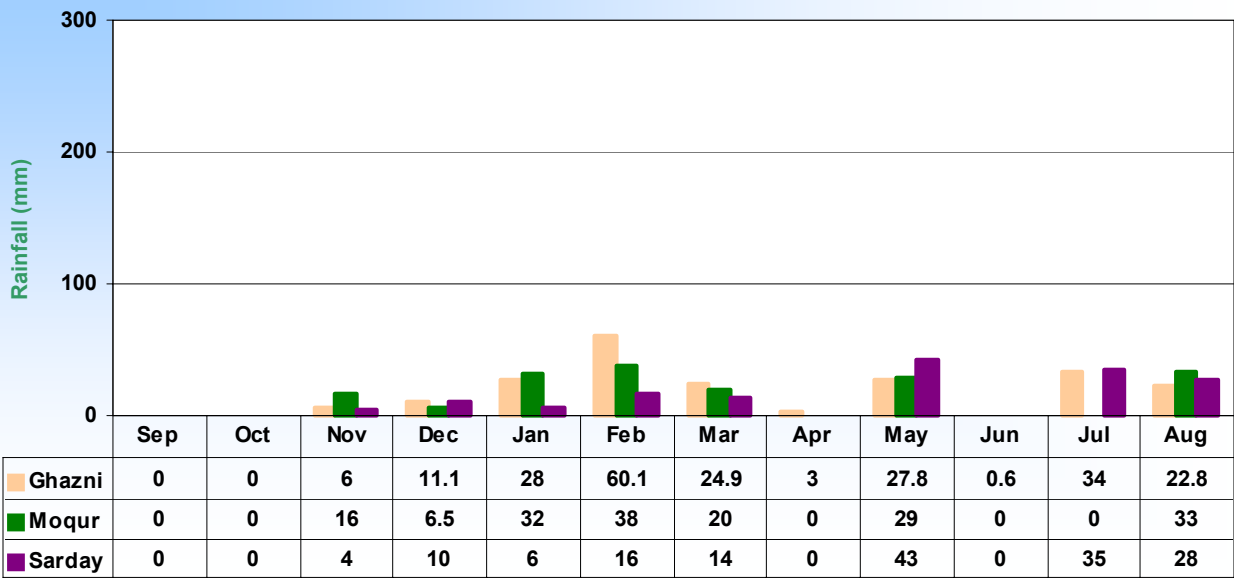
Zabul	0	0	0	0	25	38	23	2	7	0	0	0
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Nimroz Monthly Rainfall (2009/2010)



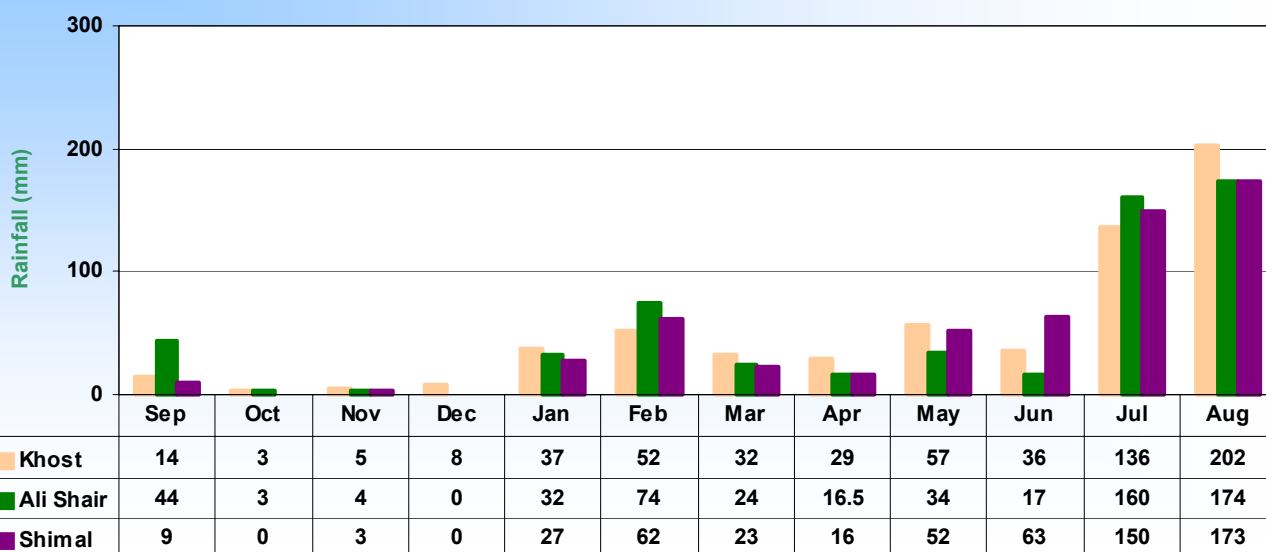
Zaranj	0	0	0	29	7	3	0	0	2	0	0	0
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Ghazni Monthly Rainfall (2009/2010)

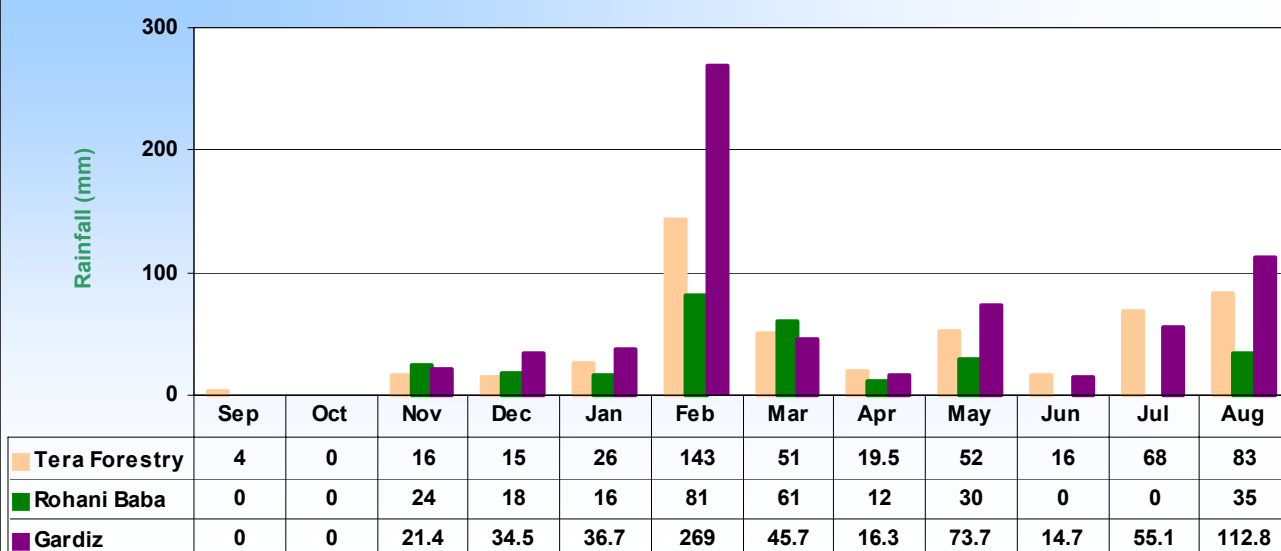


South East Region

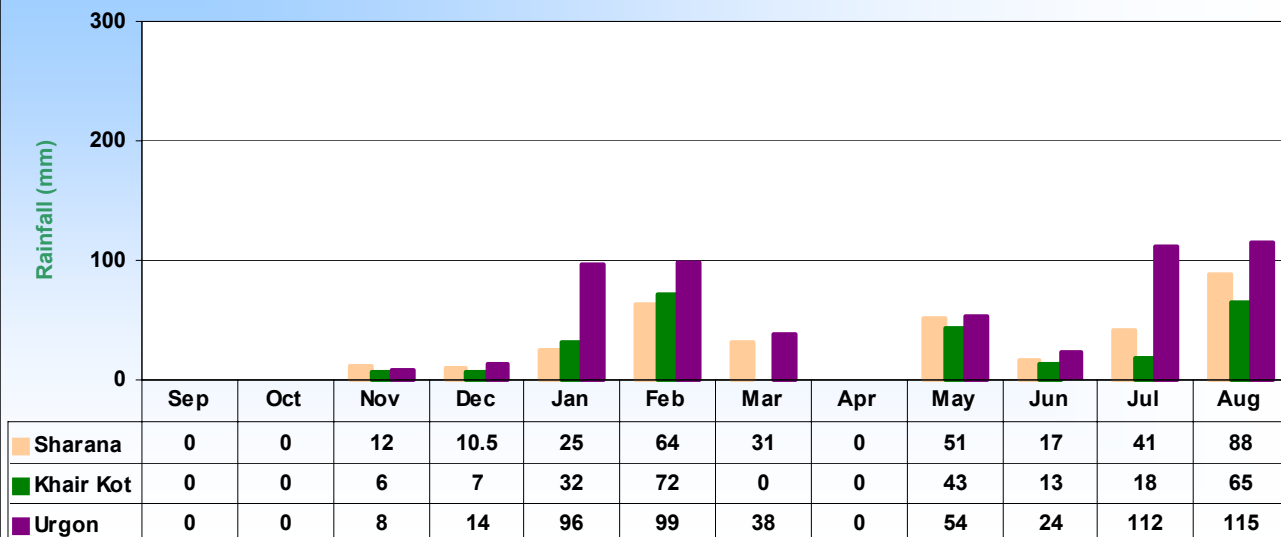
Khost Monthly Rainfall (2009/2010)



Paktya Monthly Rainfall (2009/2010)

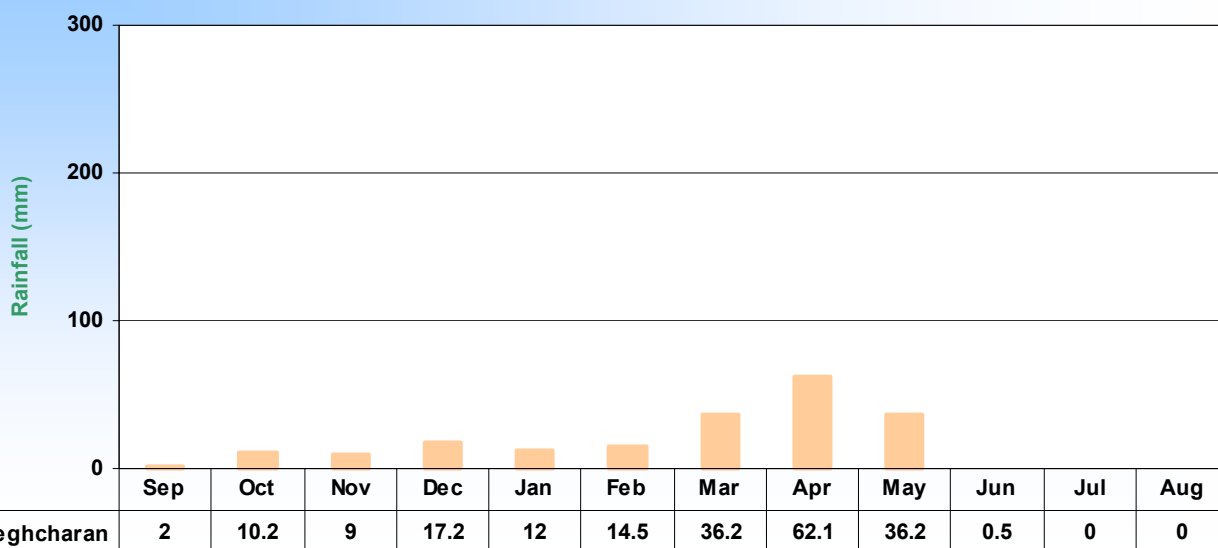


Paktika Monthly Rainfall (2009/2010)

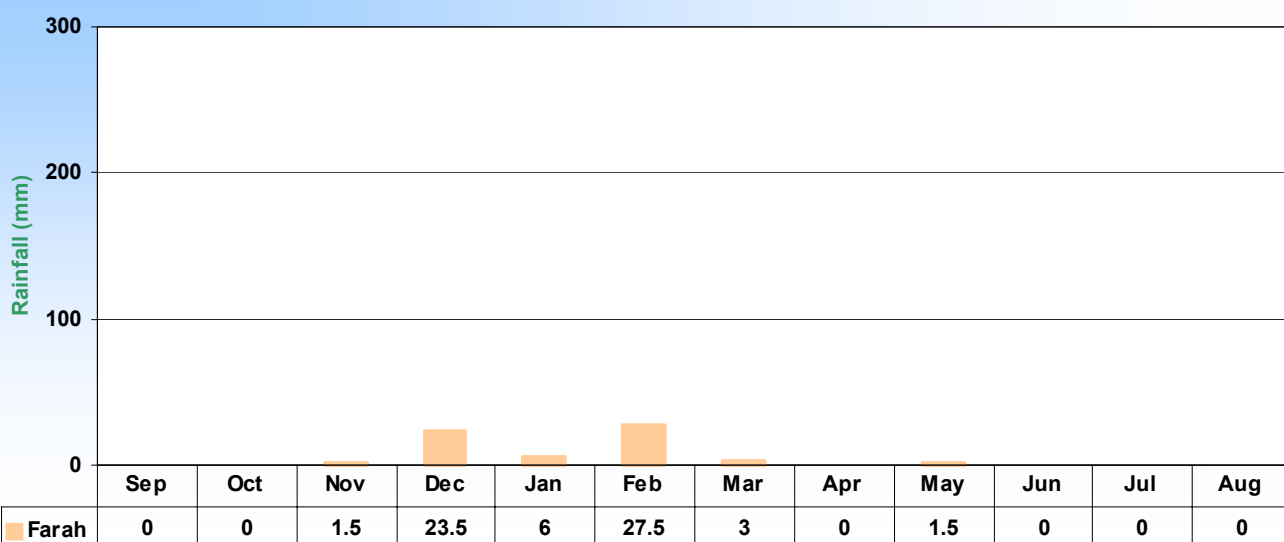


Western Region

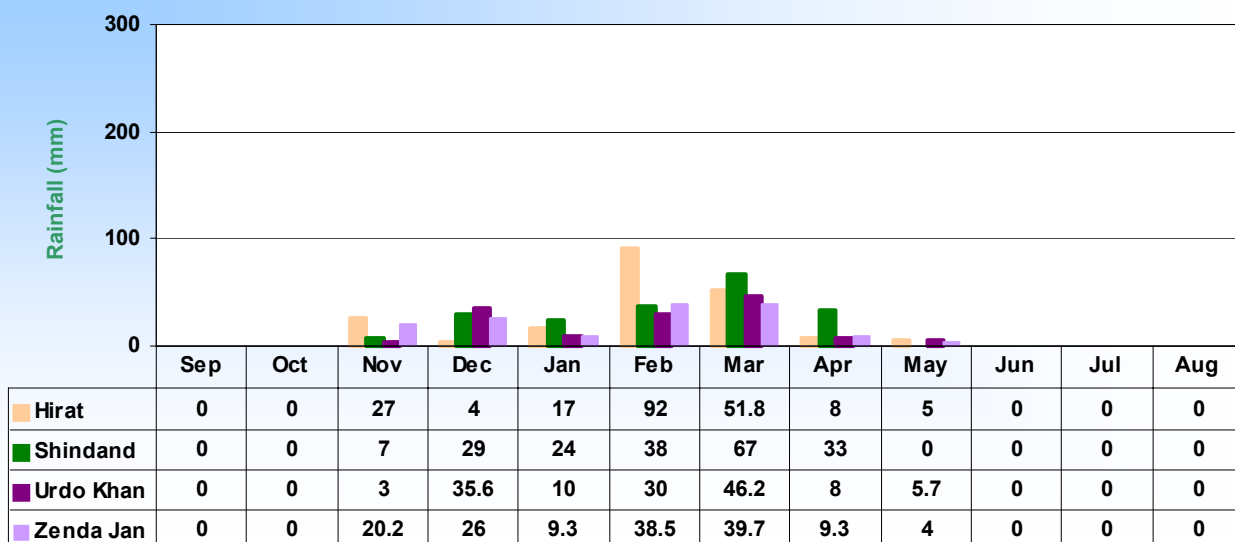
Ghor Monthly Rainfall (2009/2010)



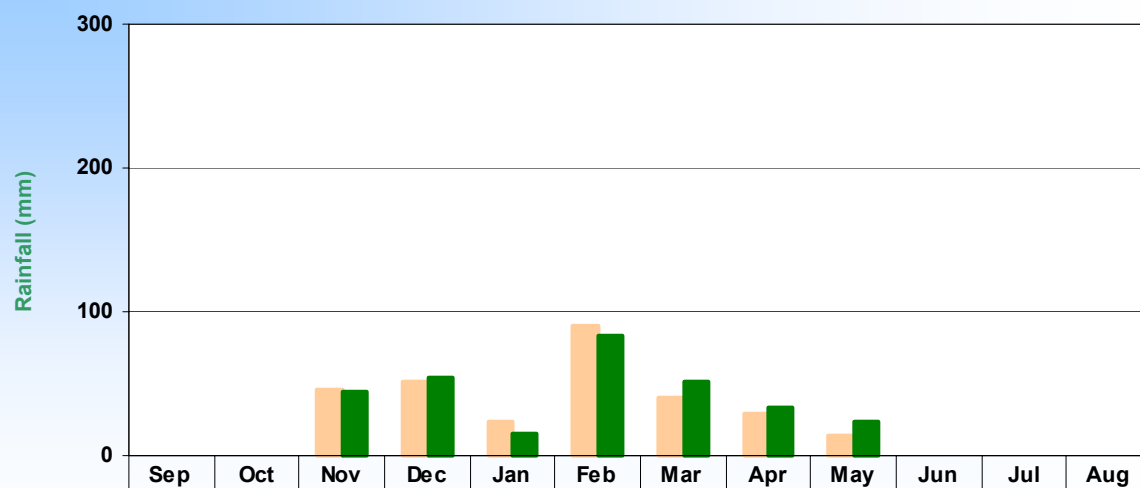
Farah Monthly Rainfall (2009/2010)



Hirat Monthly Rainfall (2009/2010)



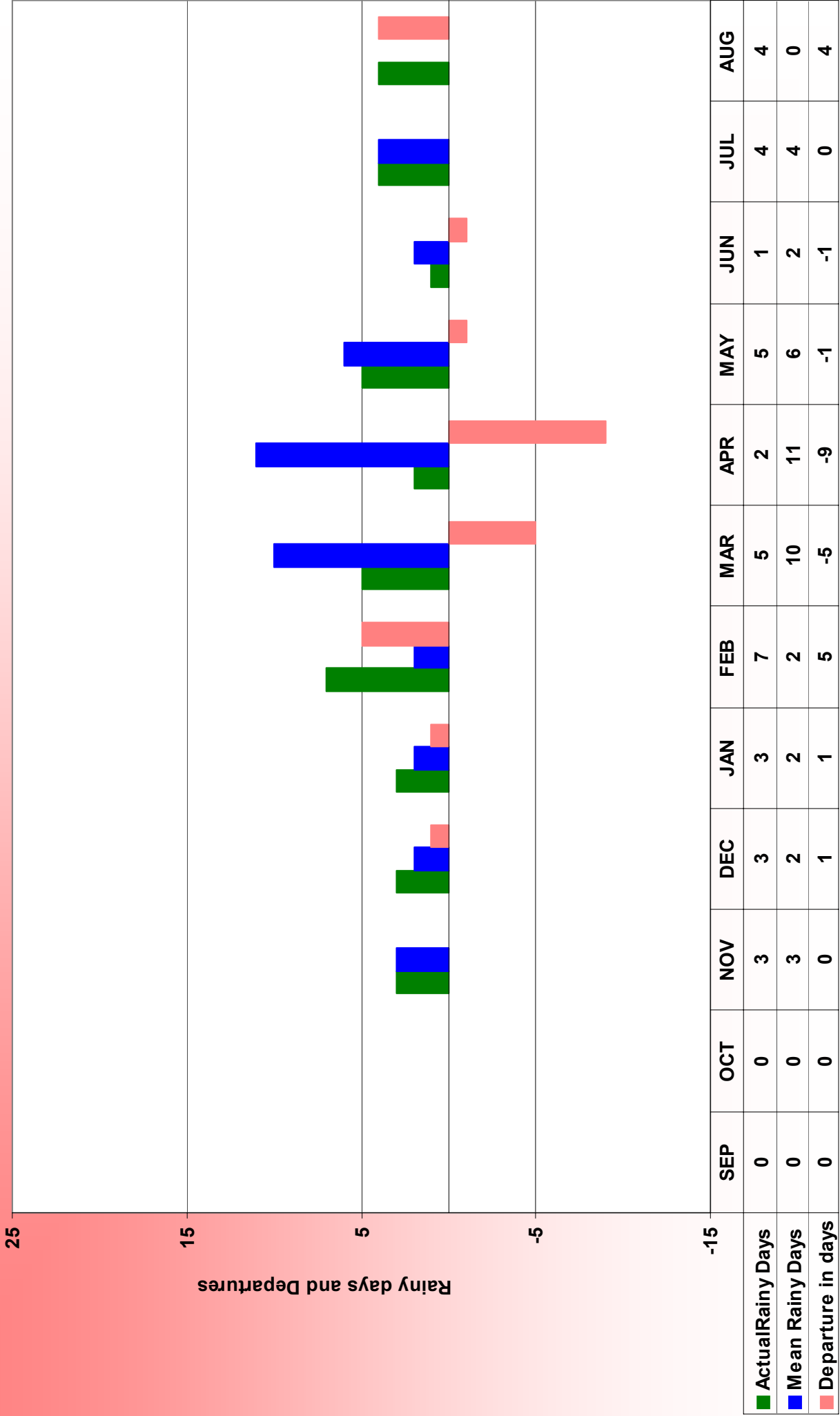
Badghis Monthly Rainfall (2009/2010)



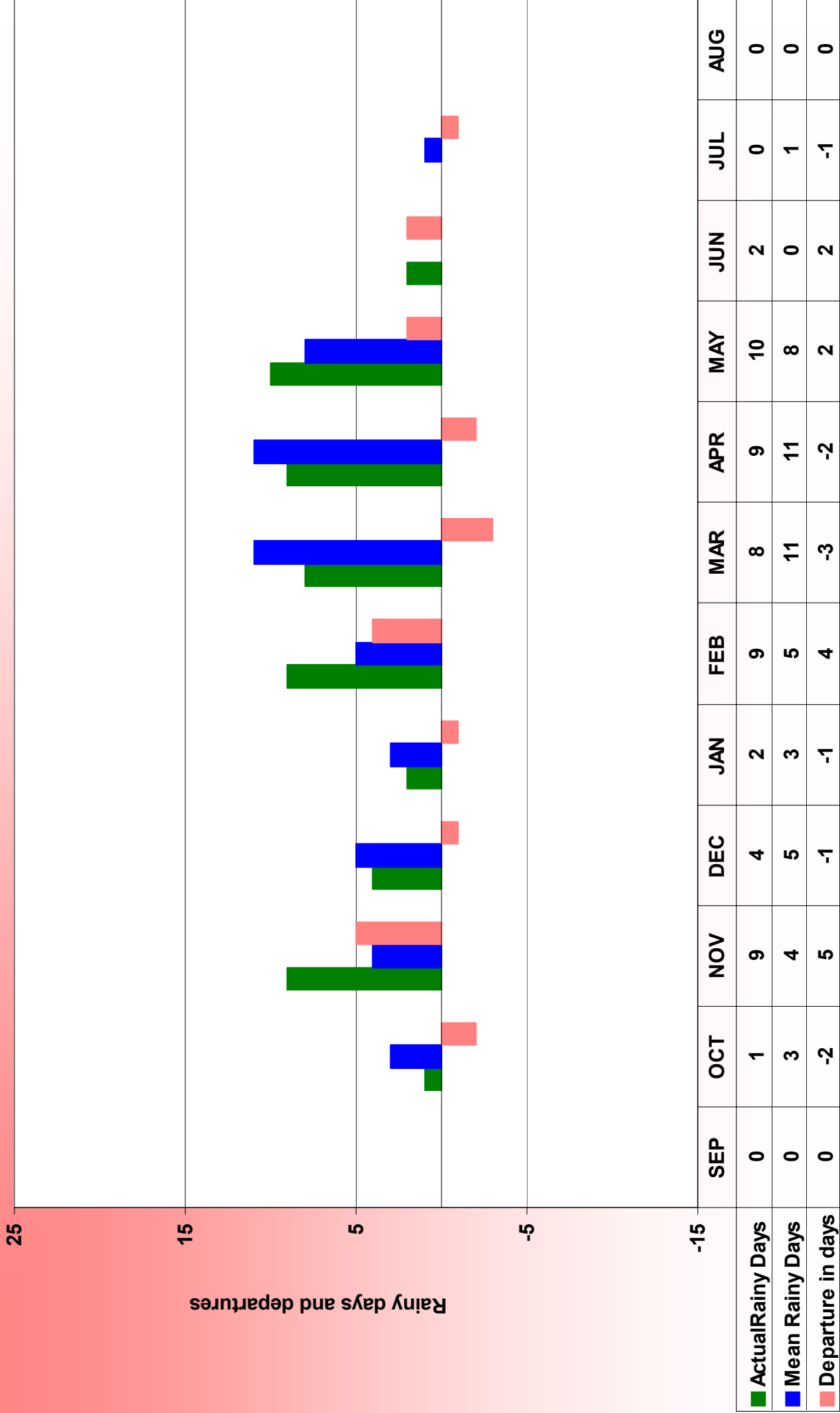
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Qala-e-naw	0	0	45.2	52	24	90.4	40	29.2	14	0	0	0
Moqur Badghis	0	0	45	54	15	83	51	33	23	0	0	0

Rainy Days
Compared with
Long Term Average and Departure
Season (2009- 2010)

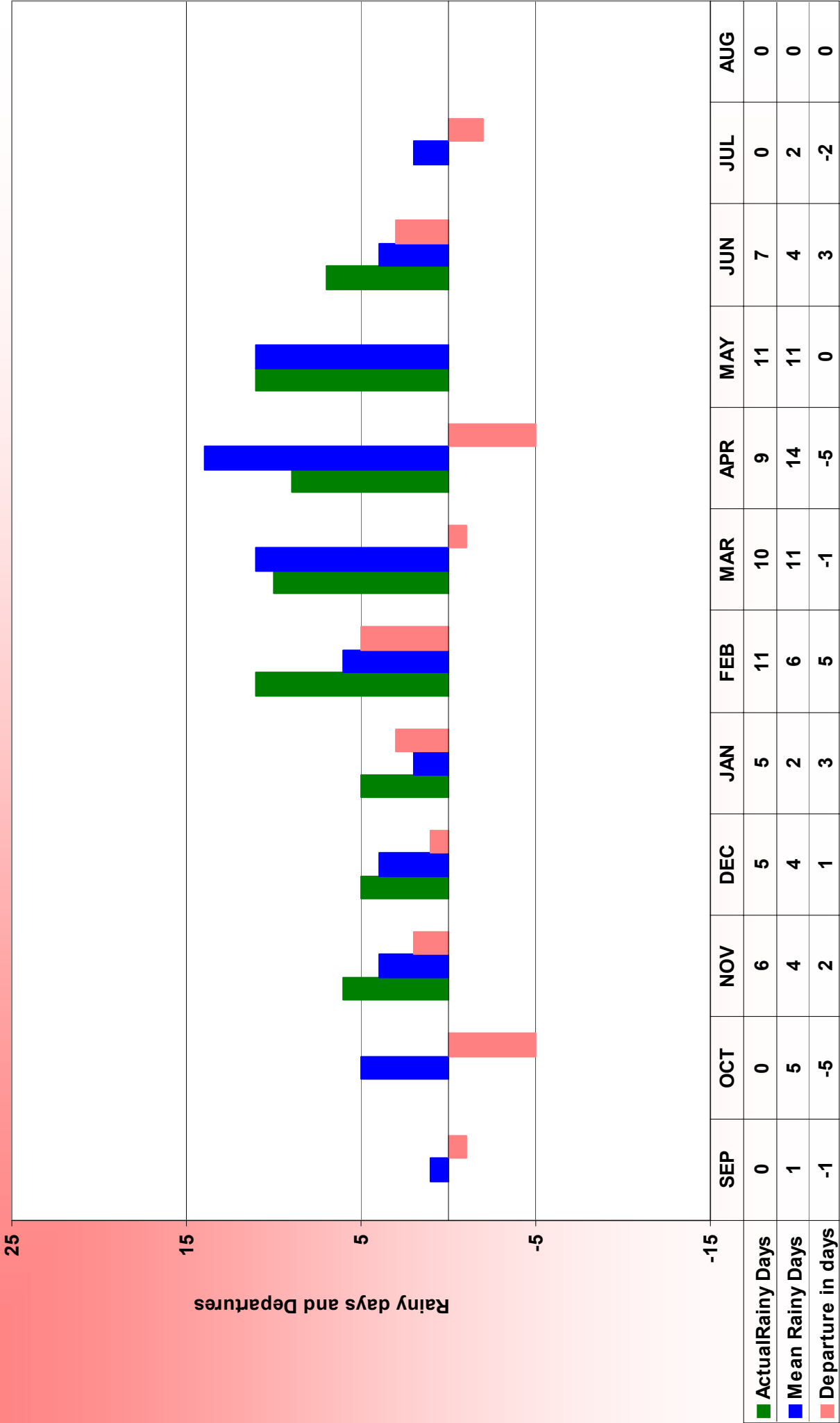
Ghazni Rainy Days Season (2009 - 2010) Compared to the Long-Term Average and Departures



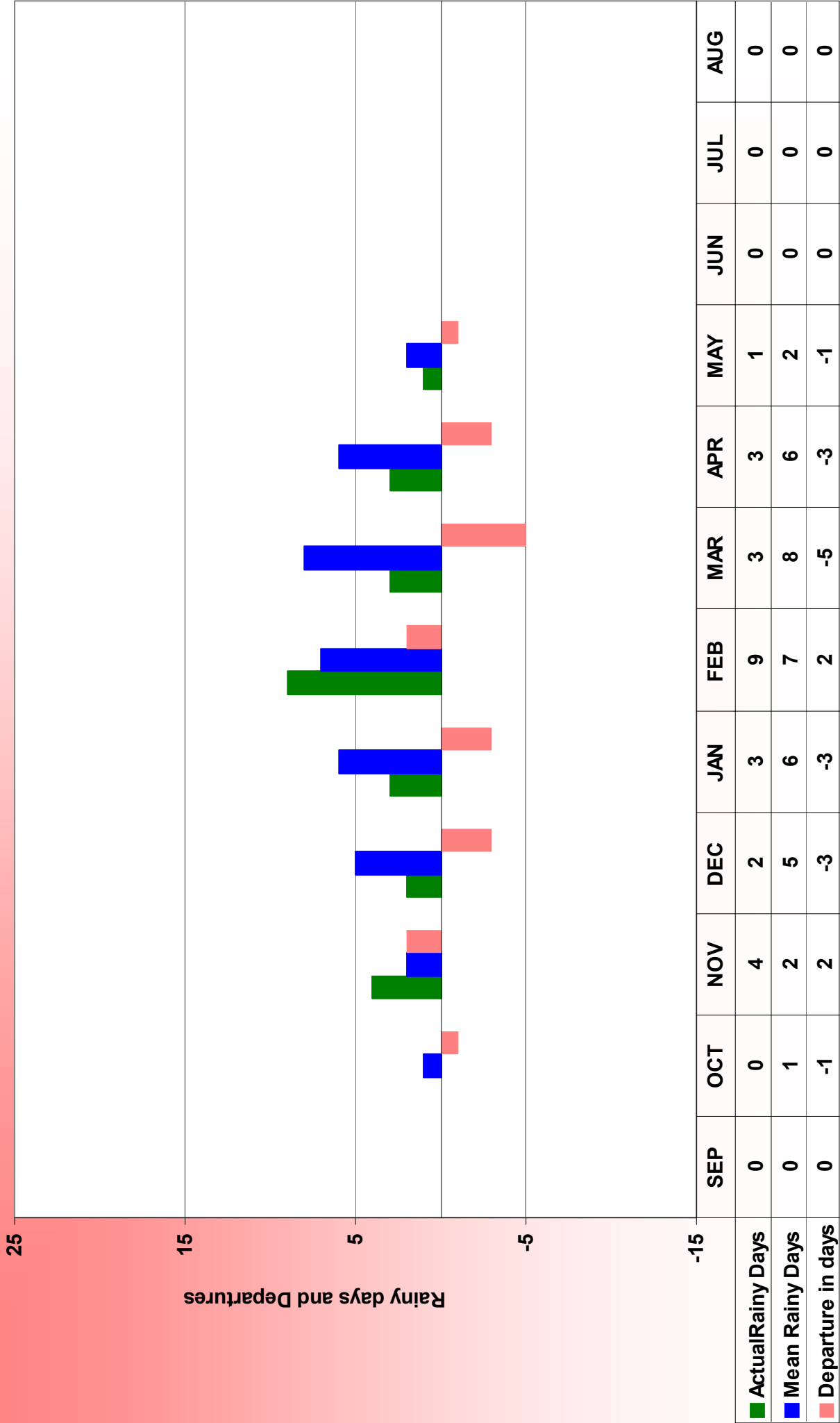
Baghlan Rainy Days Season (2009 - 2010) Compared to the Long-Term Average and Departure



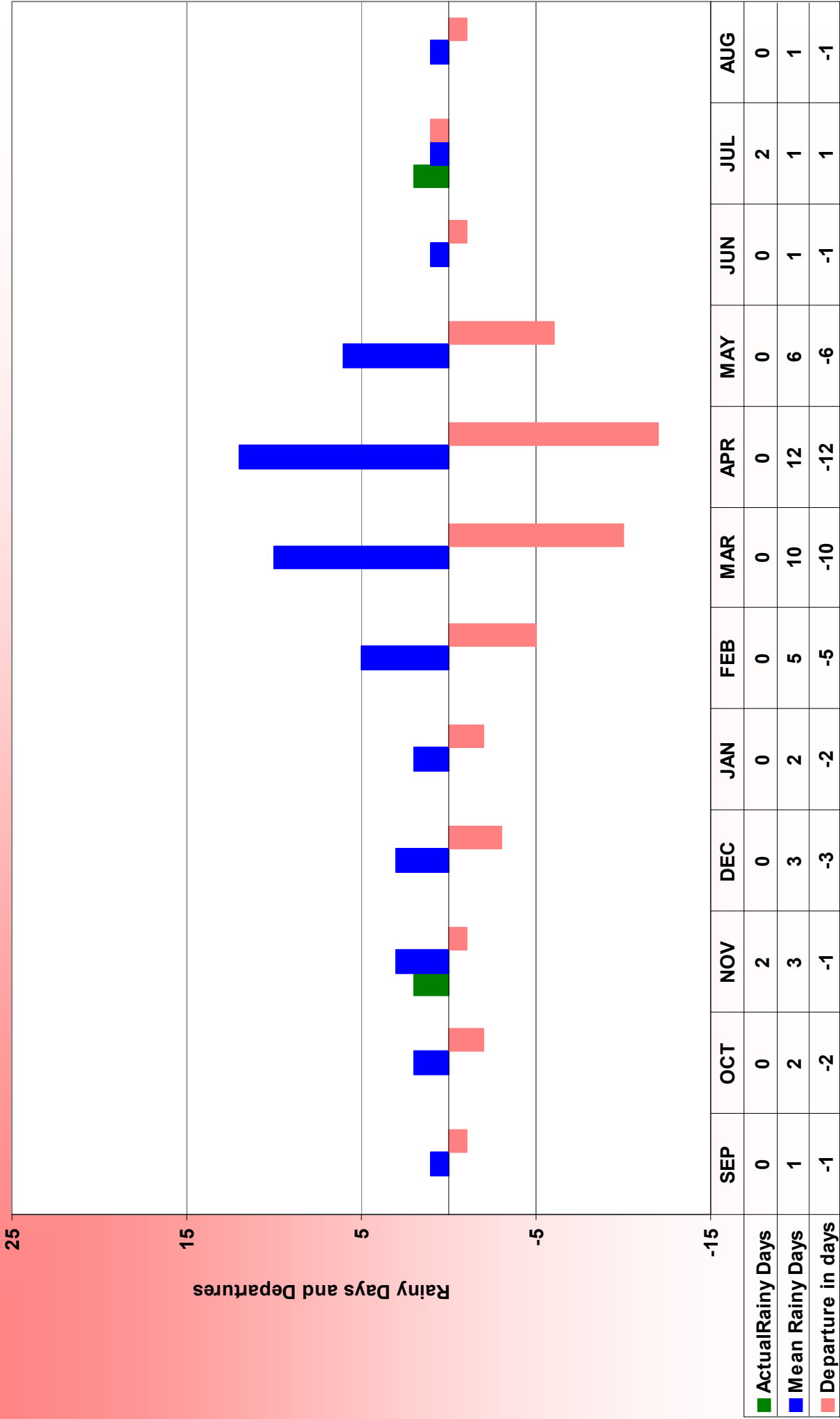
Faizabad Rainy Days Season (2009 - 2010) Compared to the Long-Term Average and Departure



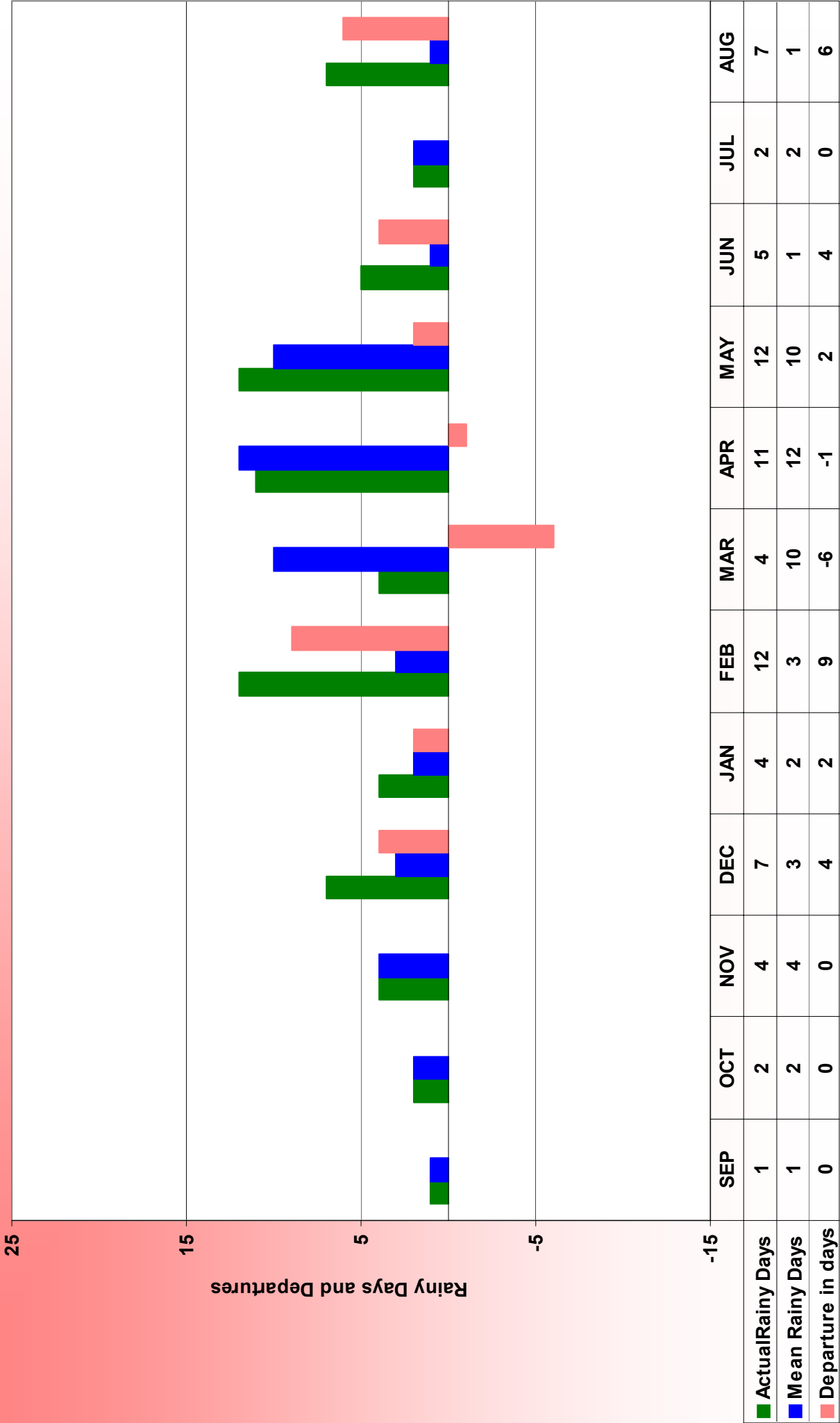
Hirat Rainy Days Season (2009 - 2010) Compared to the Long-Term Average and Departure



Jabulseraj Rainy Days Season (2009 - 2010) Compared to the Long-Term Average and Departure



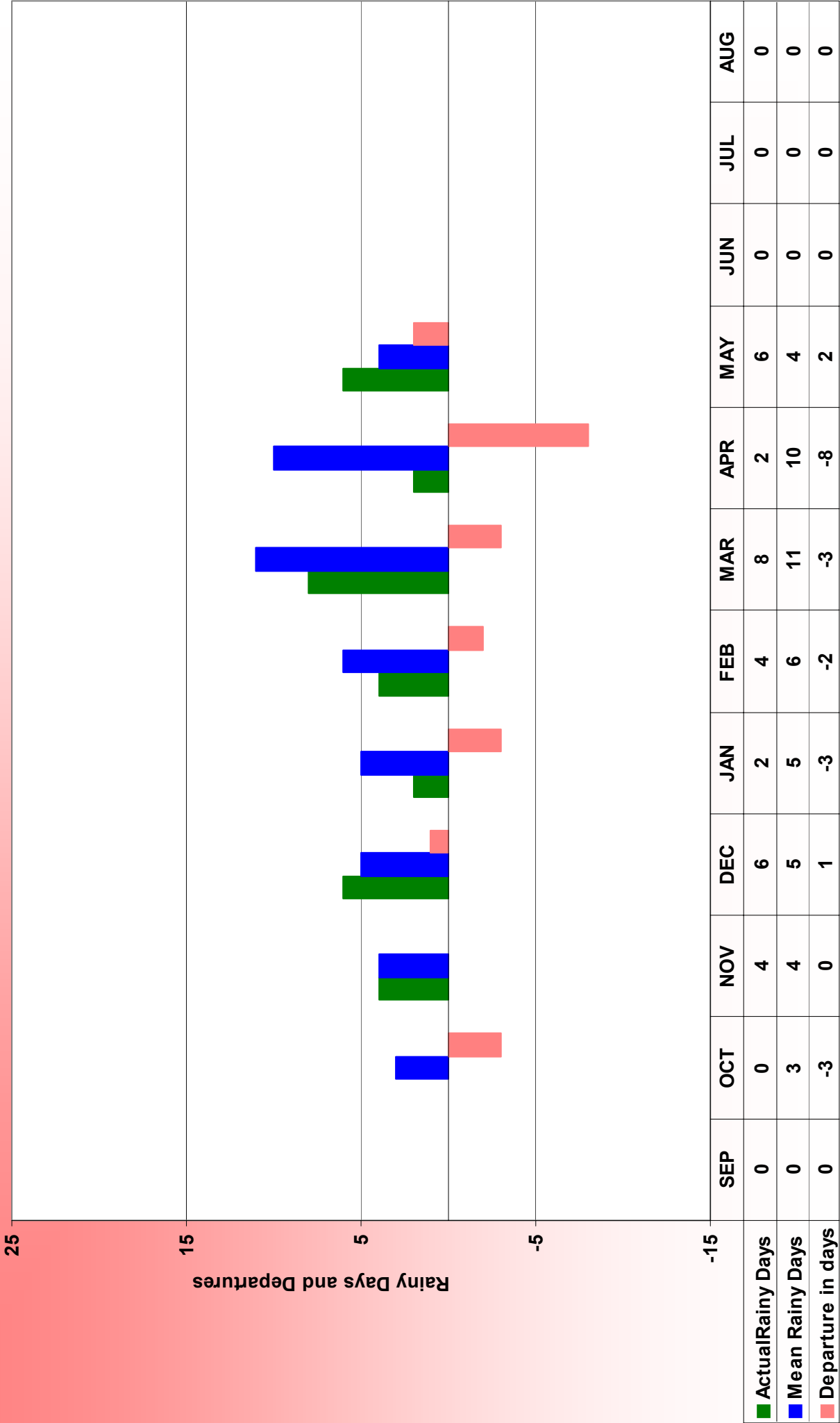
Kabul Rainy Days Season (2009 - 2010) Comparison to the Long-Term Average and Departure



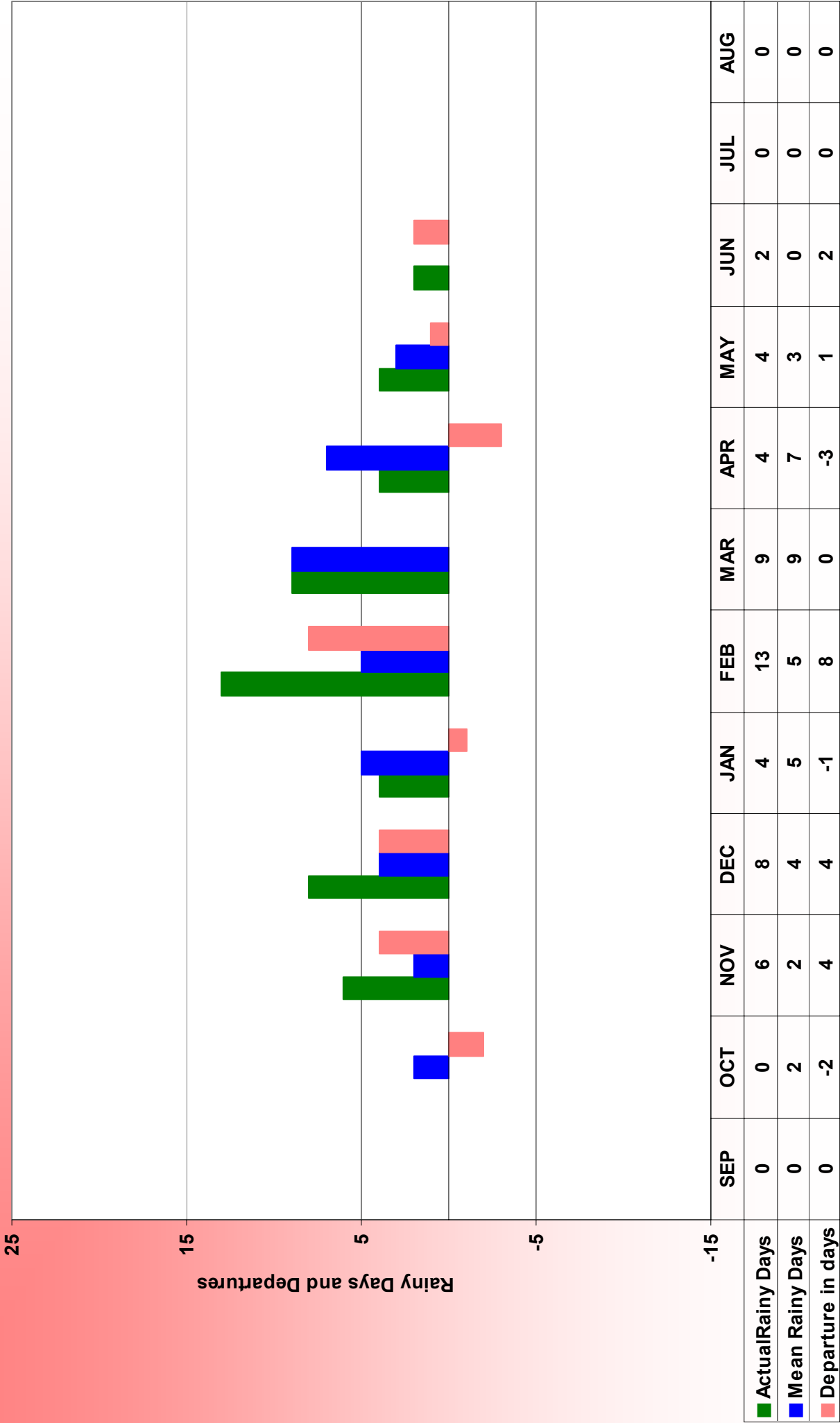
Mazarisharif Rainy Days Season (2009 - 2010) Compared to the Long-Term Average and Departure



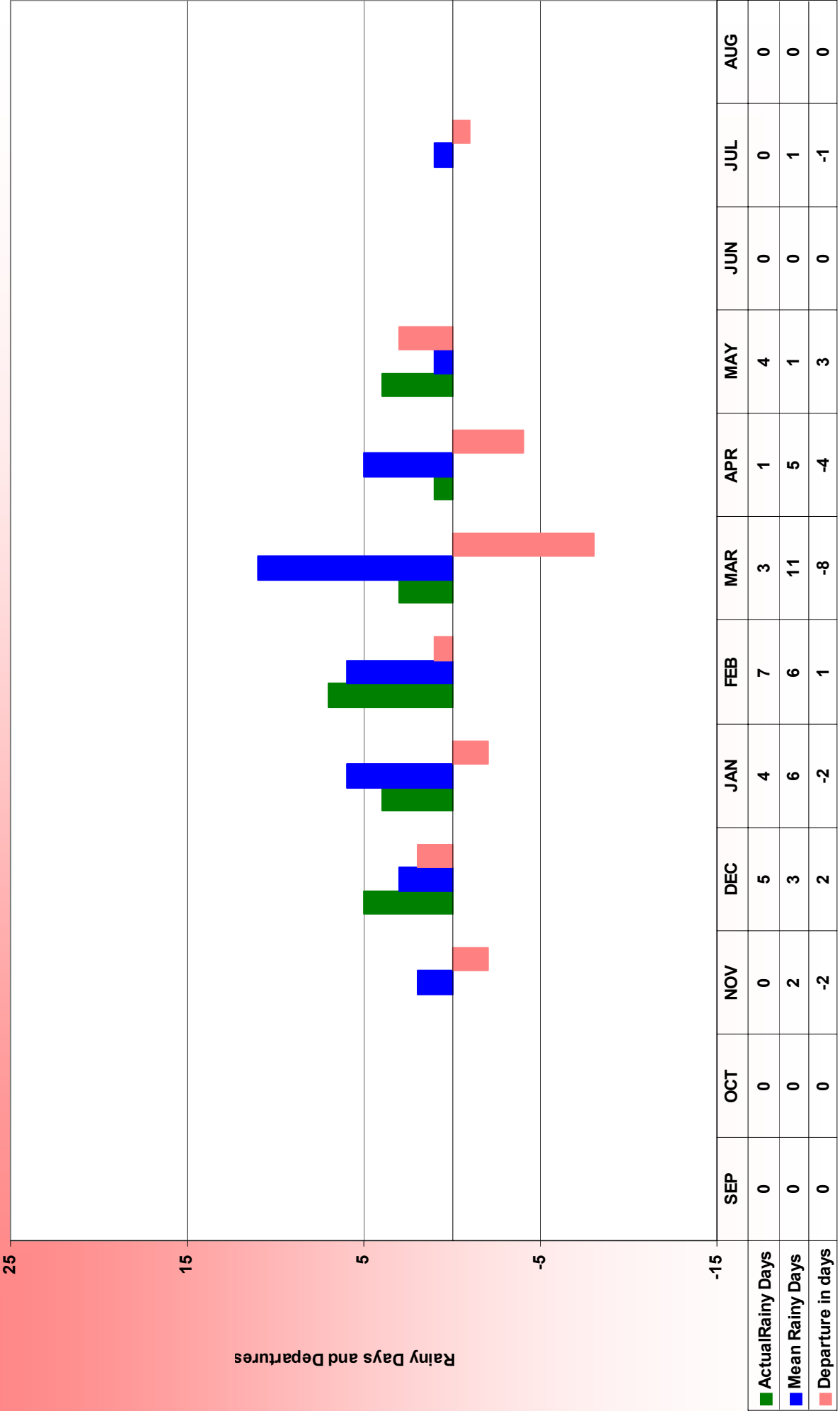
Miamana Rainy Days Season (2009 - 2010) Compared to the Long-Term Average and Departure



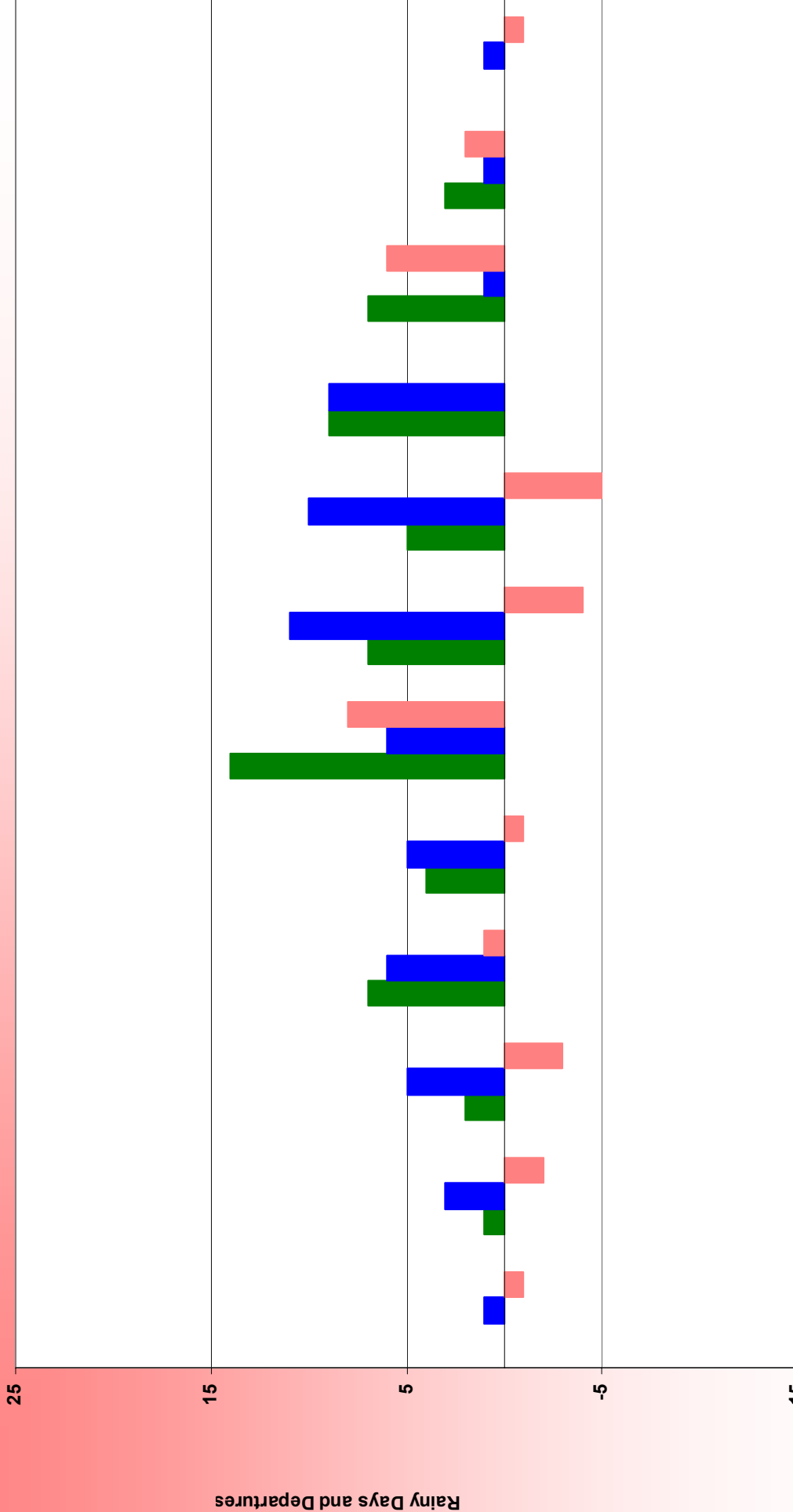
Jawzjan Rainy Days Season (2009 - 2010) Compared to the Long-Term Average and Departure



Kandahar Rainy Days Season (2009 - 2010) Compared to the Long-Term Average and Departure



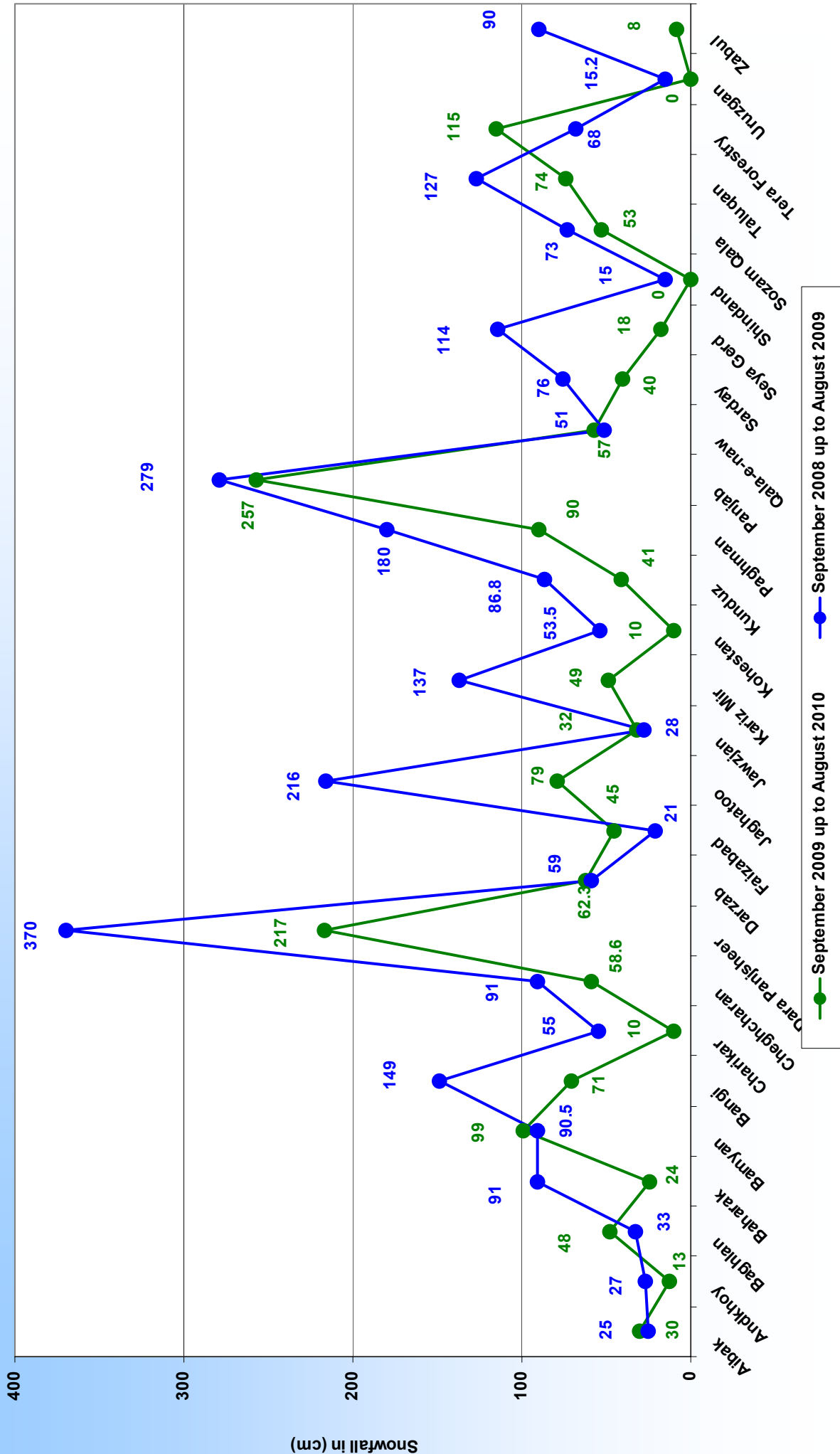
Kunduz Rainy Days Season (2009 - 2010) Compared to the Long-Term Average and Departure



	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
ActualRainy Days	0	1	2	7	4	14	7	5	9	7	3	0
Mean Rainy Days	1	3	5	6	5	6	11	10	9	1	1	1
Departure in days	-1	-2	-3	1	-1	8	-4	-5	0	6	2	-1

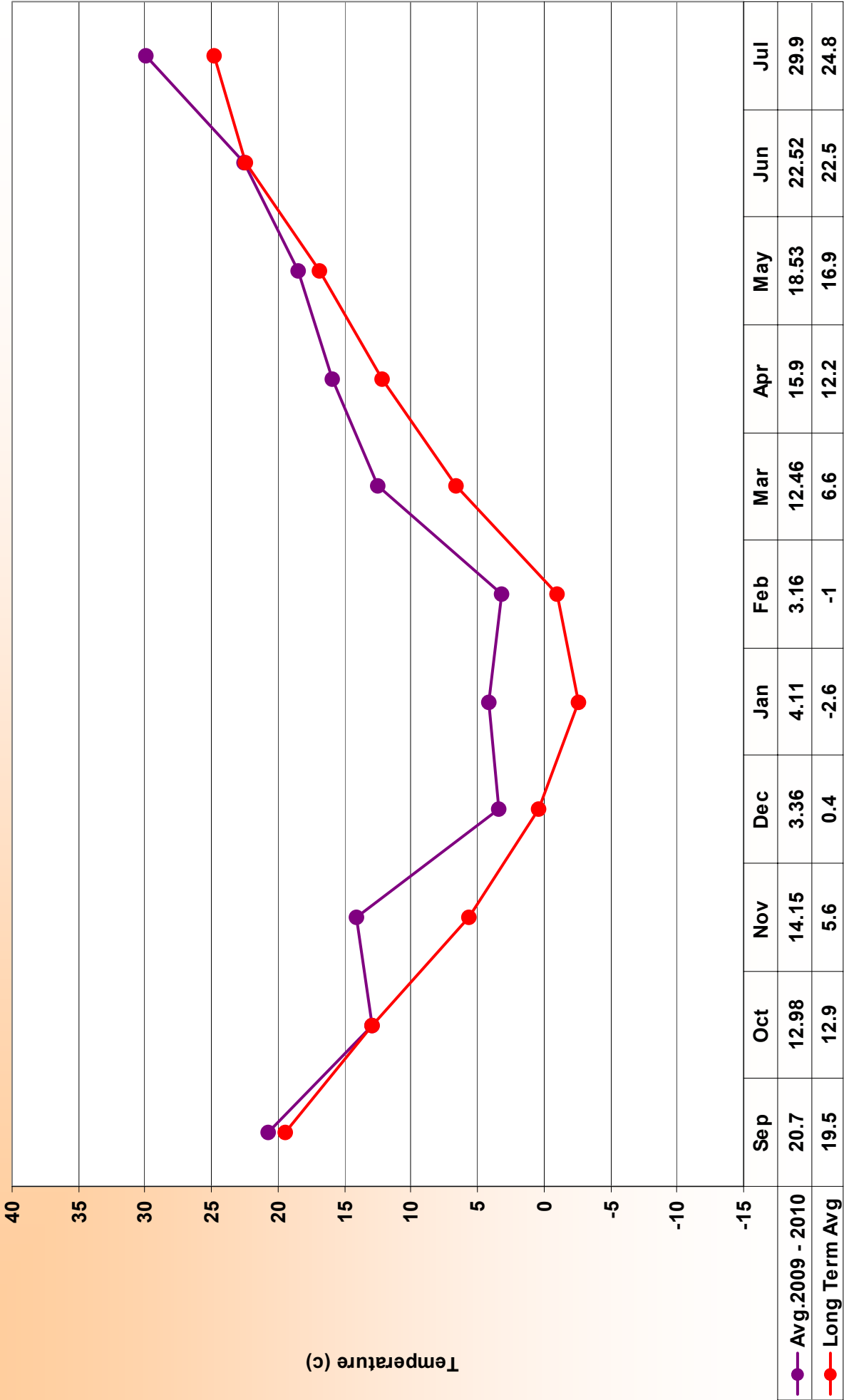
Snowfall (cm) Current Year
Compared with
Last Year
Agricultural Season (2009- 2010)

Comparison of Snowfall (cm) (2009 - 2010) with (2008 - 2009)

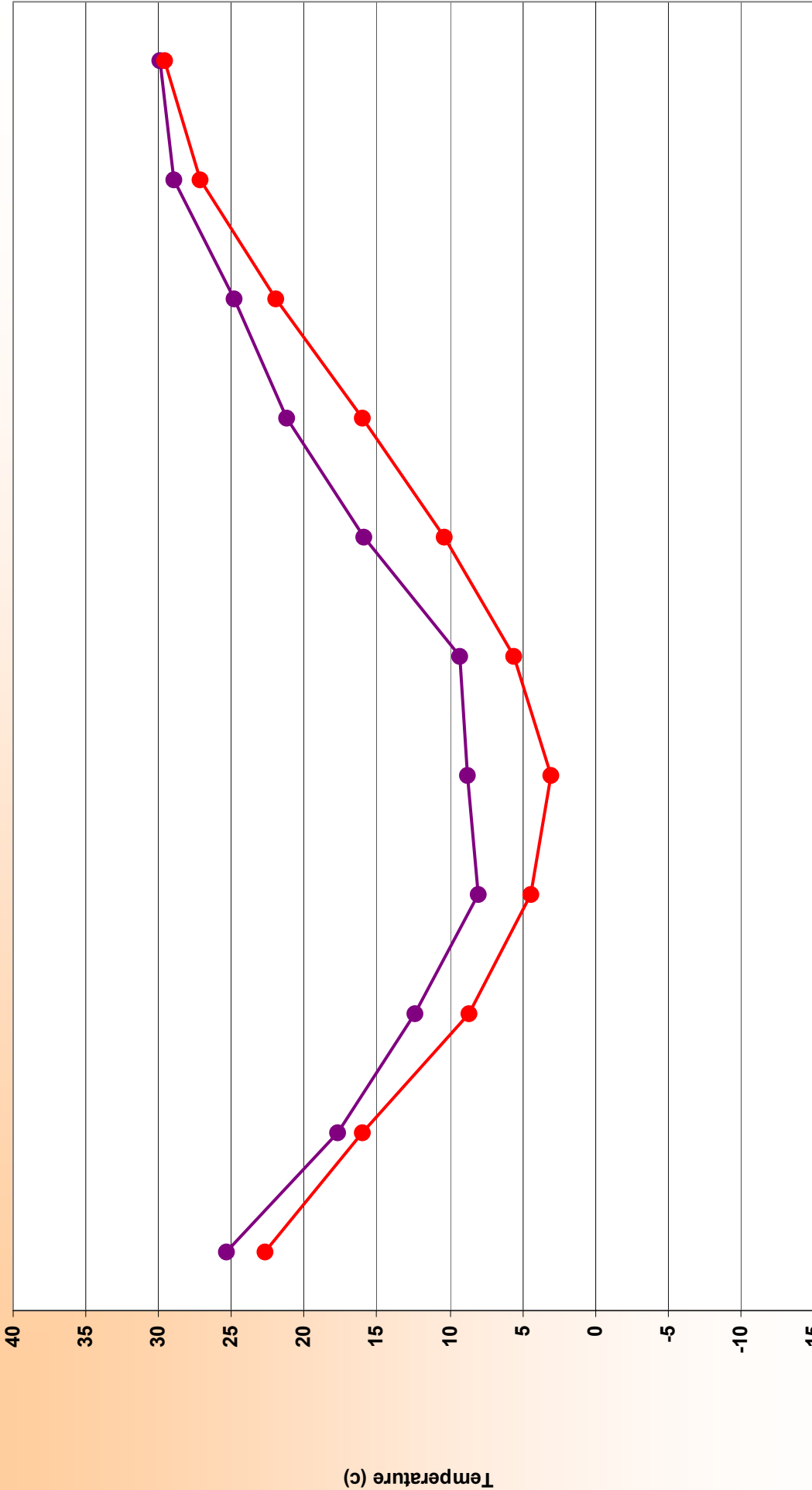


Average Temperature (2009-2010)
Compared with
Long Term Average

Kabul Average Temperature (2009 - 2010) Compared to the Long Term Average

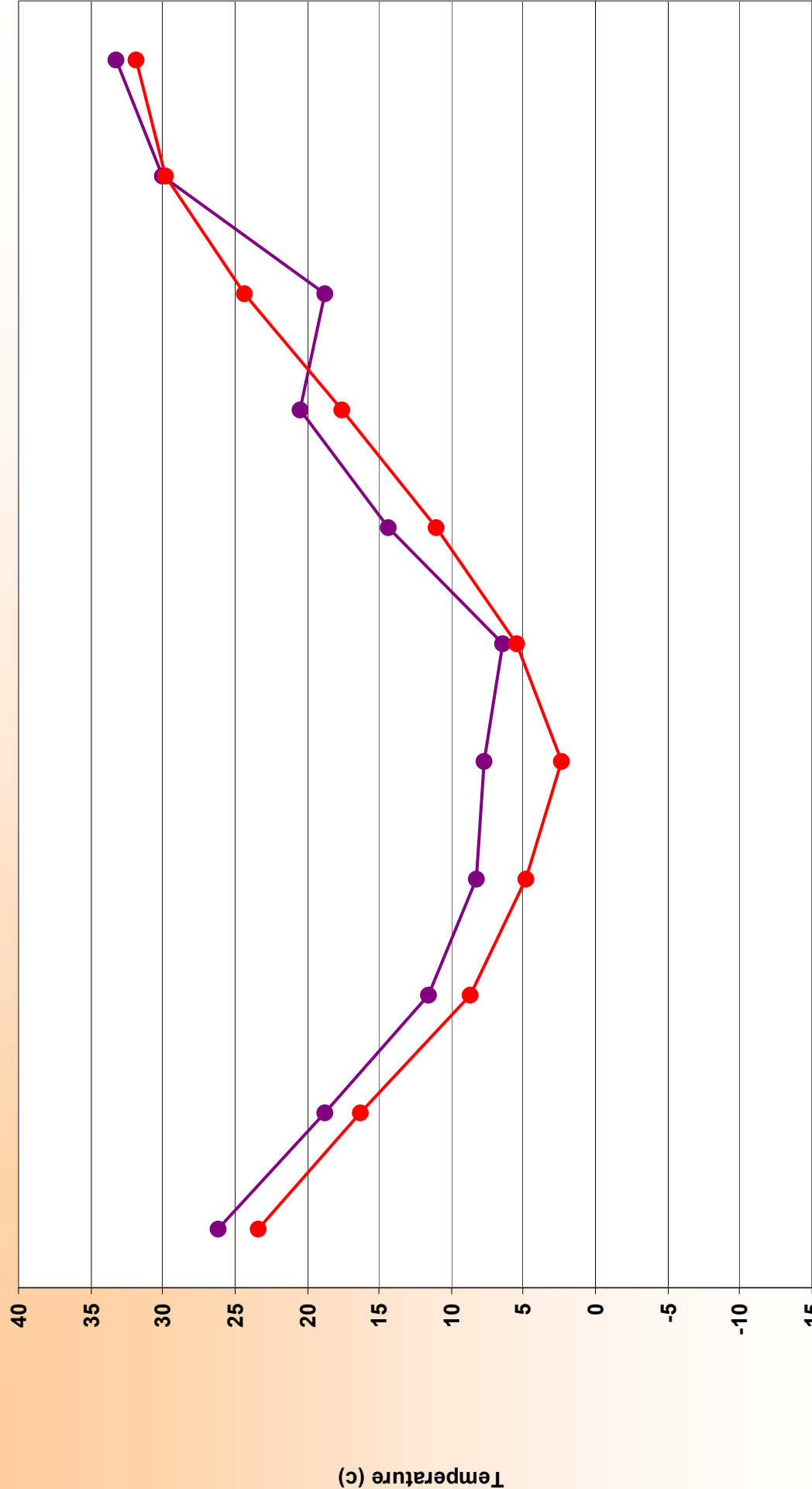


Hirat Average Temperature (2009 - 2010) Compared to the Long Term Average



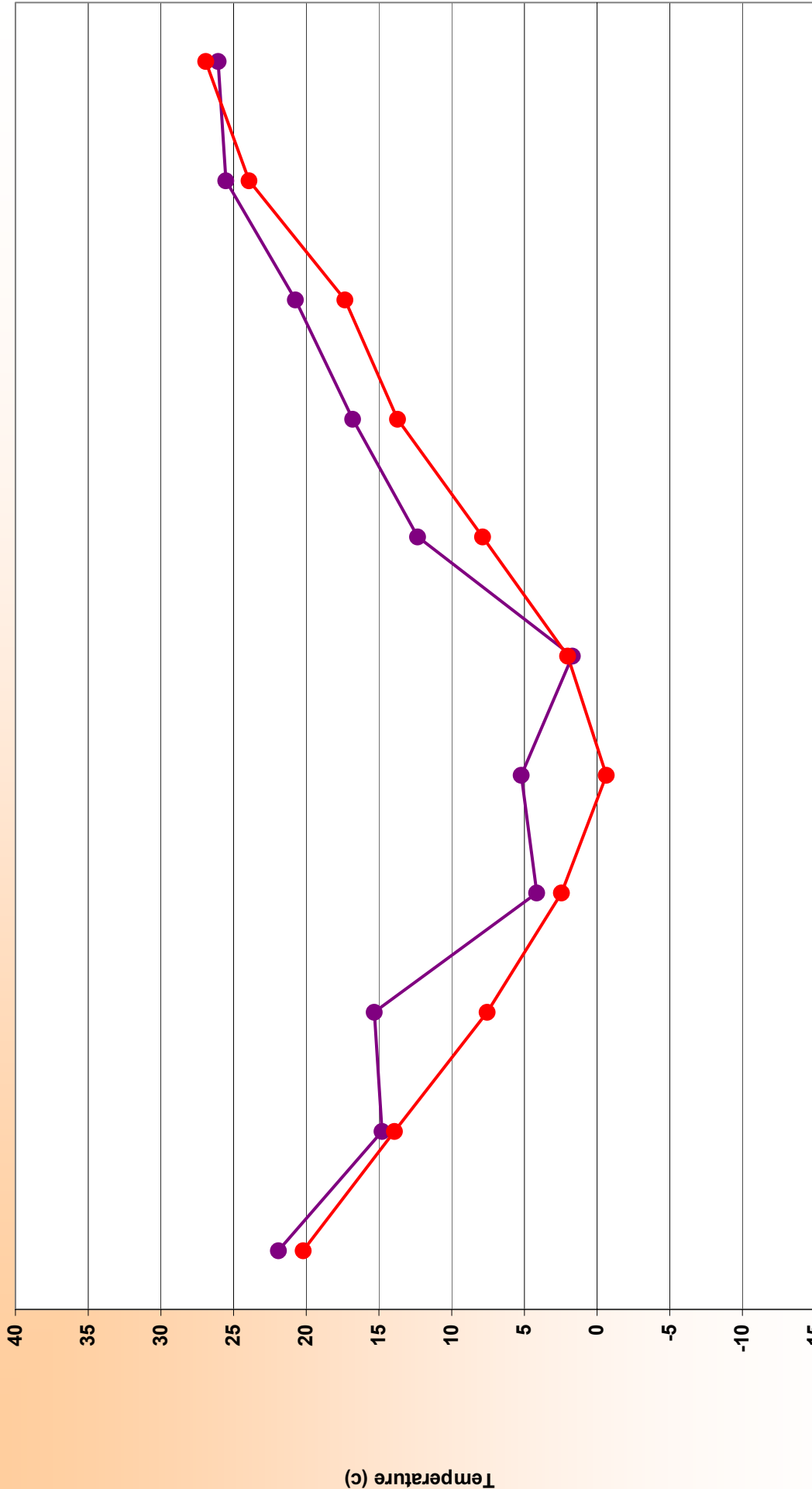
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
—●— Avg.2009 - 2010	25.3	17.71	12.43	8.09	8.8	9.32	15.9	21.17	24.84	29	29.88
—●— Long Term Avg	22.7	16	8.7	4.4	3.1	5.6	10.4	16	22	27.1	29.6

Mazar-i-Sharif Average Temperature (2009 - 2010) Compared to the Long Term Average



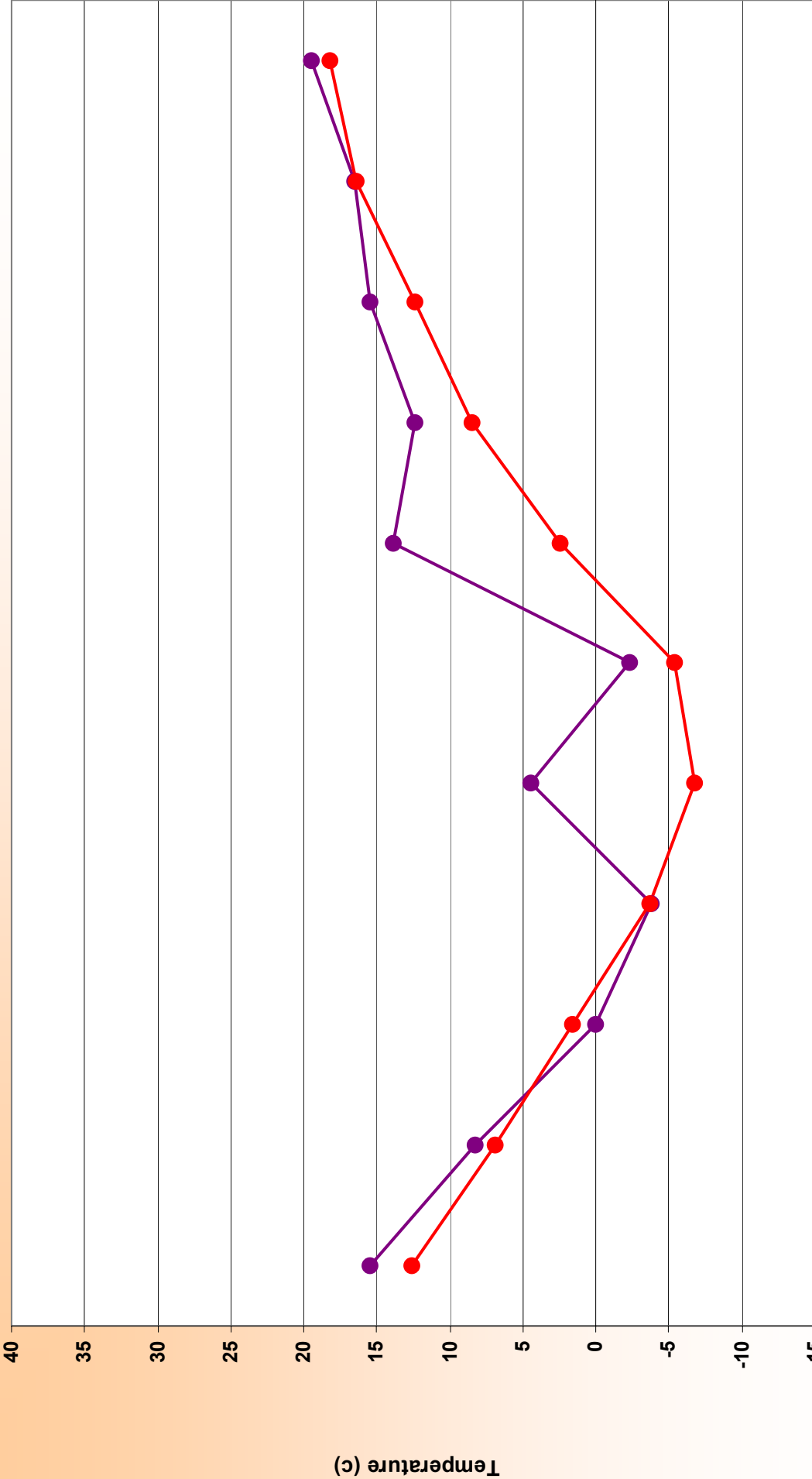
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
—●— Avg.2009 - 2010	26.14	18.75	11.6	8.26	7.78	6.39	14.41	20.5	18.75	30	33.2
—●— Long Term Avg	23.4	16.3	8.7	4.8	2.4	5.5	11	17.6	24.4	29.8	31.9

Faizabad Average Temperature (2009 - 2010) Compared to the Long Term Average



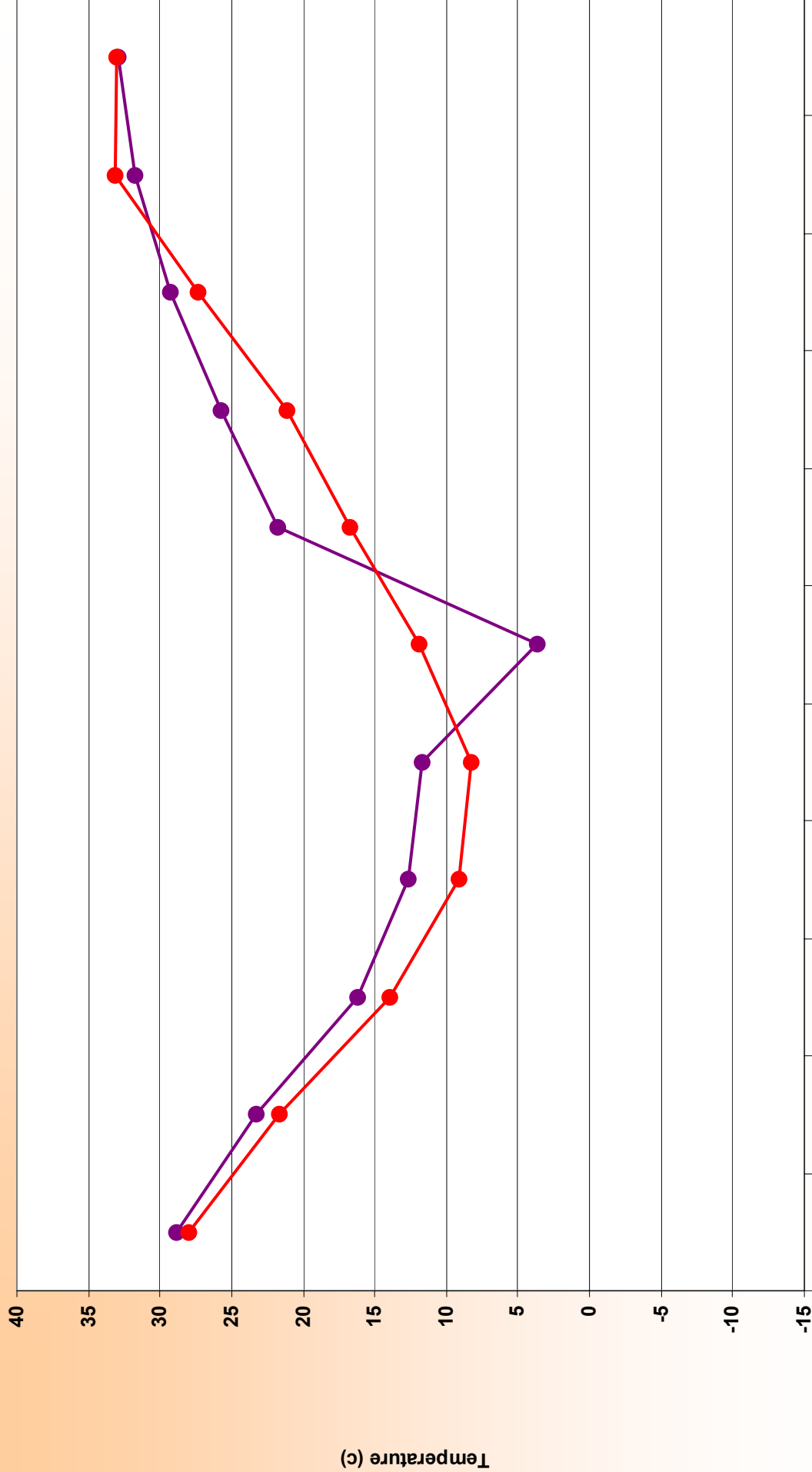
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Avg.2009 - 2010	21.93	14.84	15.37	4.19	5.23	1.7	12.37	16.76	20.73	25.49	26.1
Long Term Avg	20.2	13.9	7.6	2.4	-0.6	2	7.9	13.7	17.3	23.9	26.9

Bamyan Average Temperature (2009 - 2010) Compared to the Long Term Average



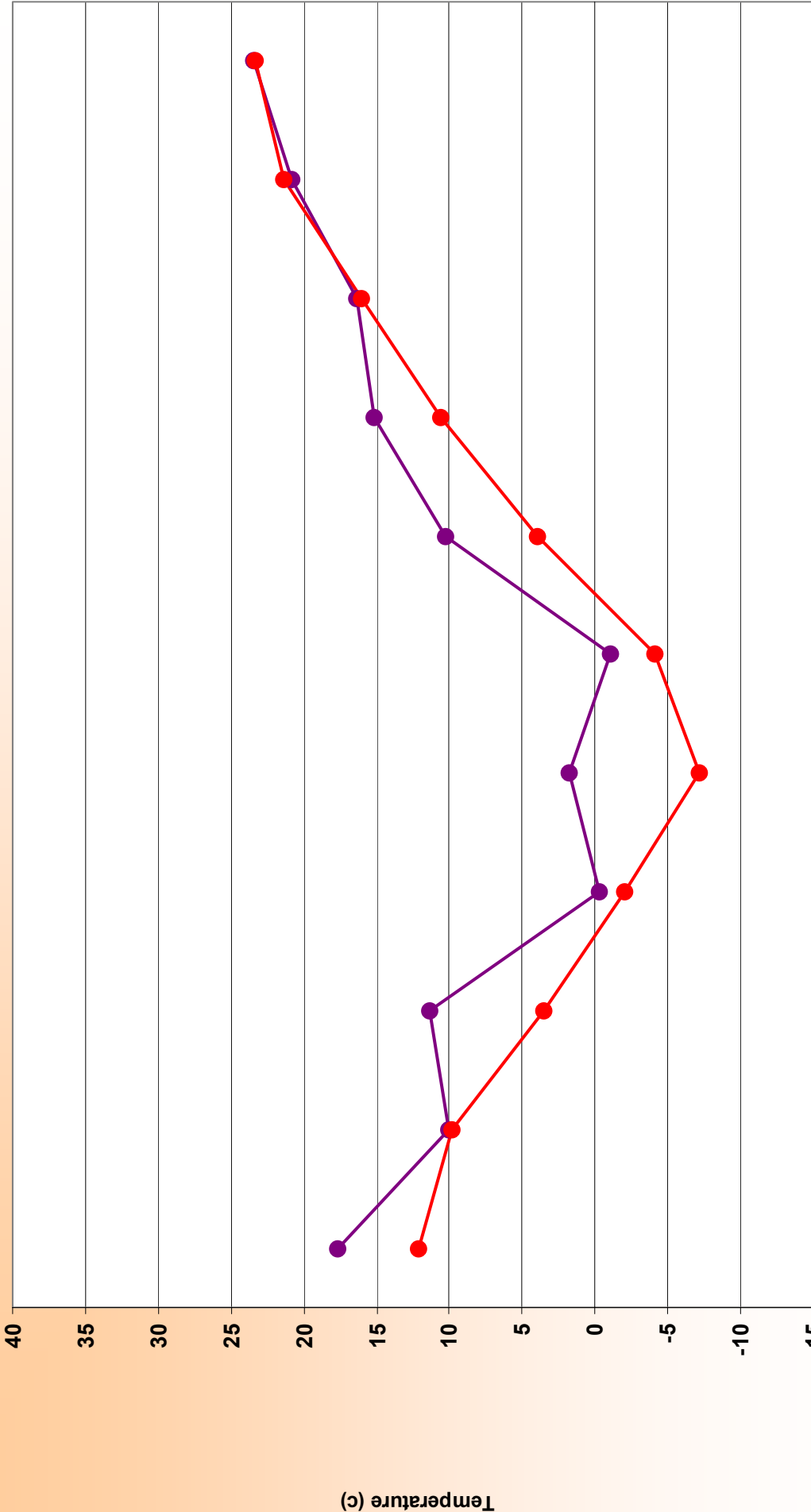
—●— Avg.2009 - 2010	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
—●— Long Term Avg	15.51	8.32	0	-3.74	4.51	-2.34	13.84	12.37	15.42	16.47	19.45
	12.6	6.9	1.6	-3.7	-6.8	-5.4	2.4	8.5	12.4	16.4	18.2

Jalalabad Average Temperature (2009 - 2010) Compared to the Long Term Average



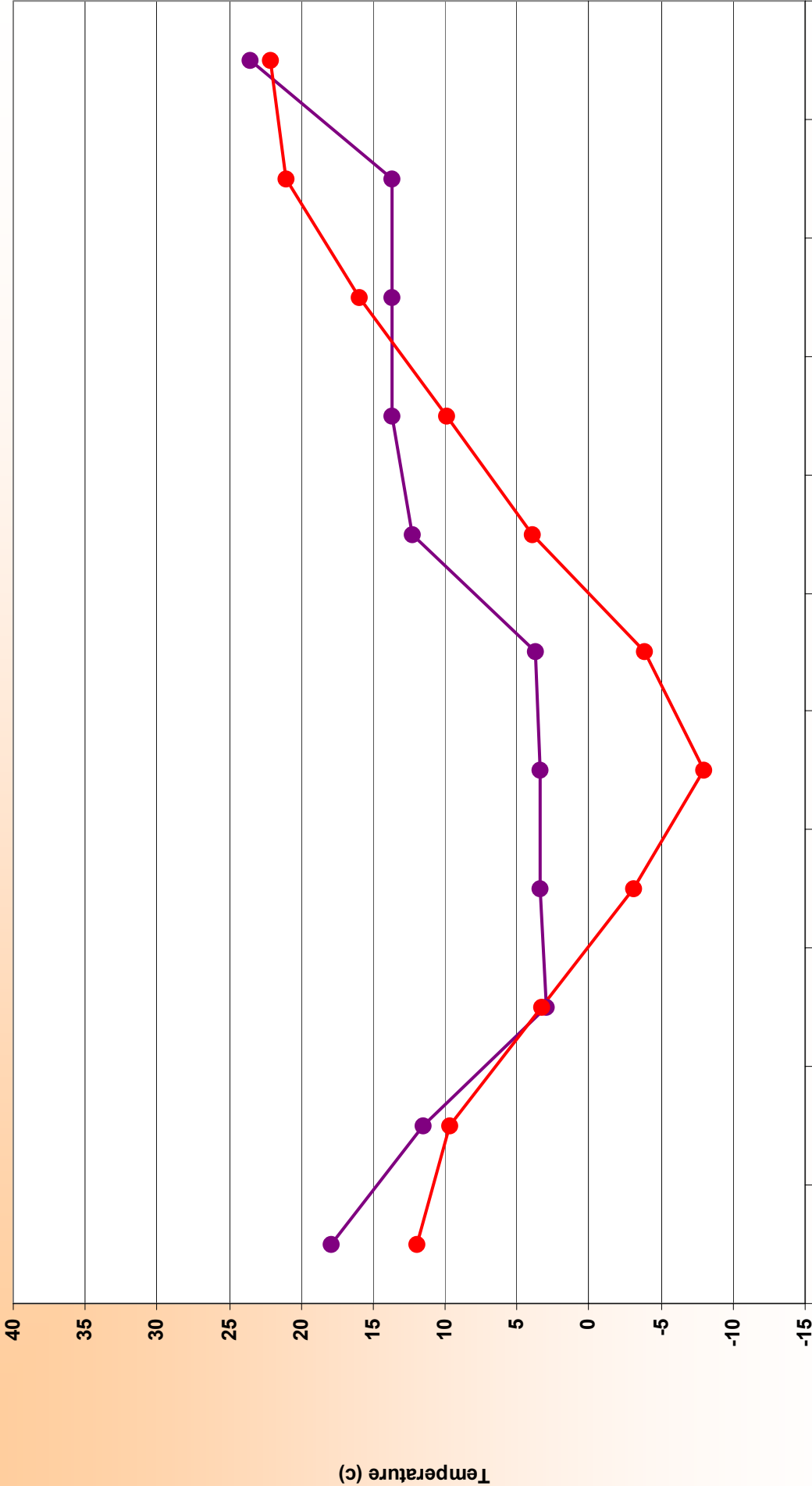
—●— Avg.2009 - 2010	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
—●— Long Term Avg	28.88	23.31	16.18	12.66	11.66	3.65	21.79	25.72	29.32	31.75	32.9
	28	21.7	14	9.1	8.3	11.9	16.7	21.1	27.3	33.1	33

Ghazni Average Temperature (2009 - 2010) Compared to the Long Term Average



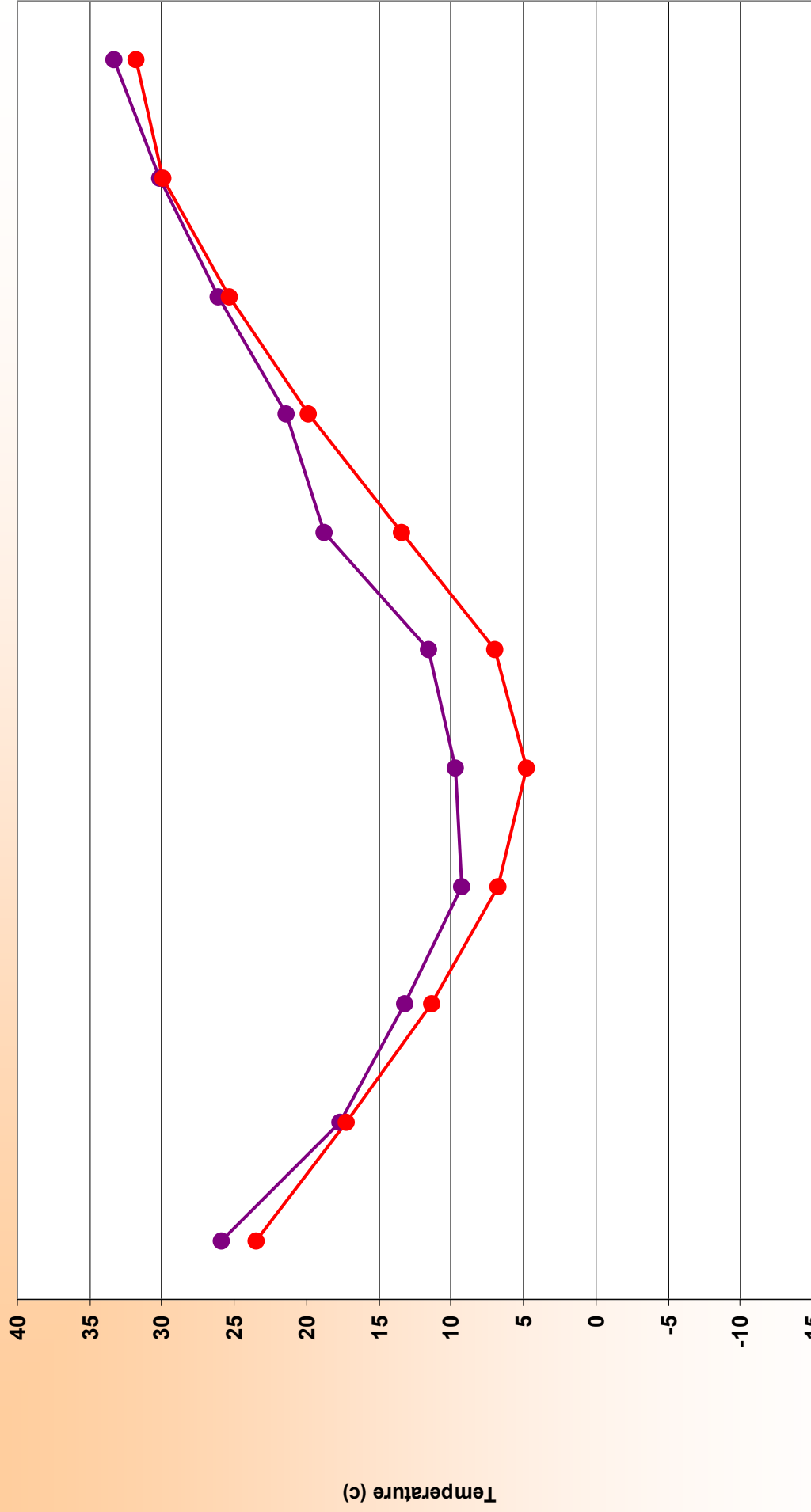
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Avg. 2009 - 2010	17.62	10.1	11.37	-0.34	1.78	-1.06	10.25	15.22	16.4	20.85	23.5
Long Term Avg	12.1	9.8	3.5	-2	-7.2	-4.1	4	10.6	16	21.4	23.3

Sarday Average Temperature (2009 - 2010) Compared to the Long Term Average



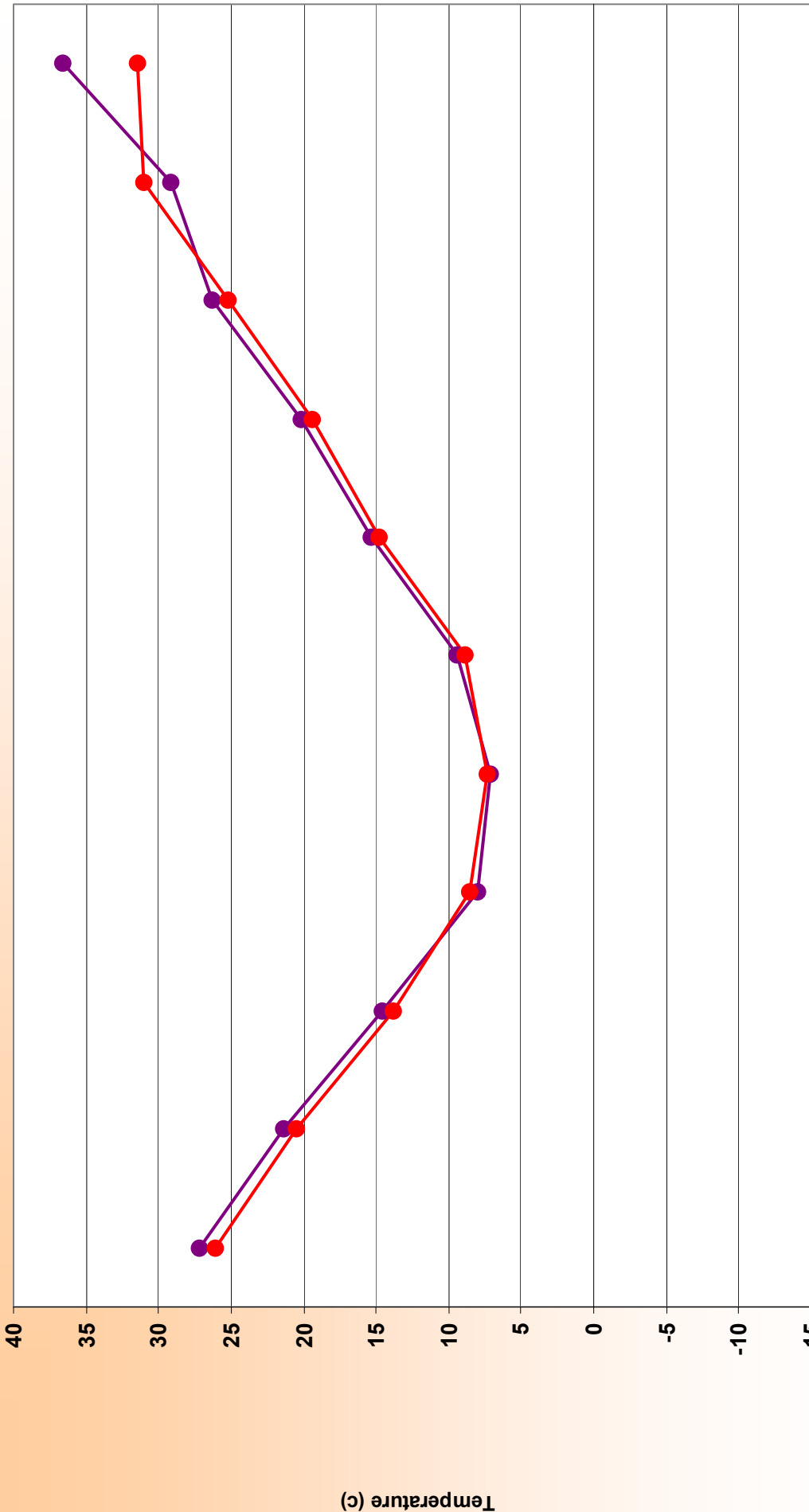
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Avg.2009 - 2010	17.9	11.52	2.93	3.36	3.43	3.78	12.3	13.67	13.67	13.67	23.5
Long Term Avg	12	9.7	3.3	-3.1	-8.01	-3.9	4	9.9	16	21.1	22.1

Kandahar Average Temperature (2009 - 2010) Compared to the Long Term Average



	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Avg. 2009 - 2010	25.87	17.68	13.2	9.29	9.71	11.54	18.77	21.4	26.1	30.2	33.37
Long Term Avg	23.5	17.3	11.4	6.8	4.8	7	13.4	19.9	25.3	29.9	31.8

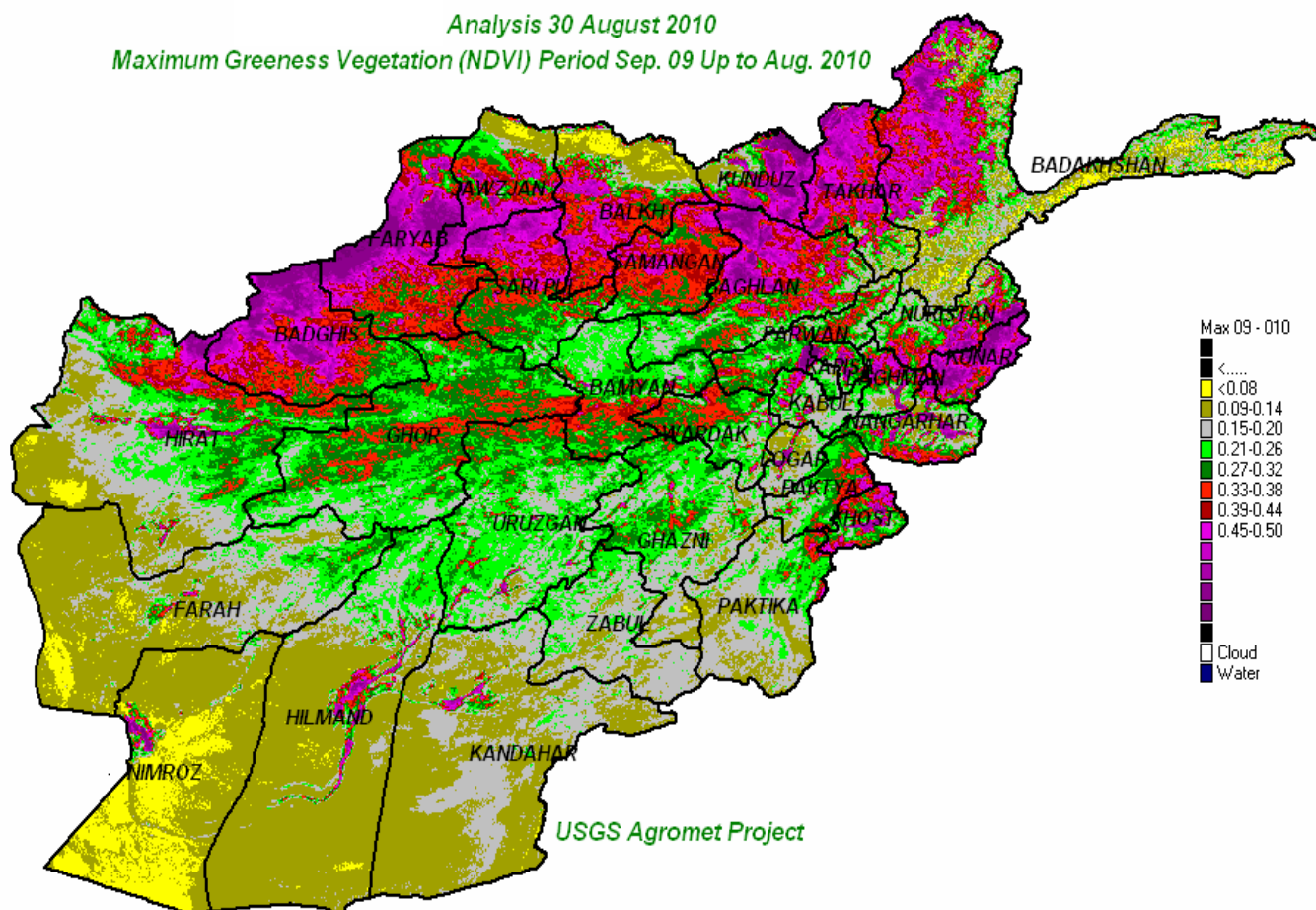
Laghman Average Temperature (2009 - 2010) Compared to the Long Term Average



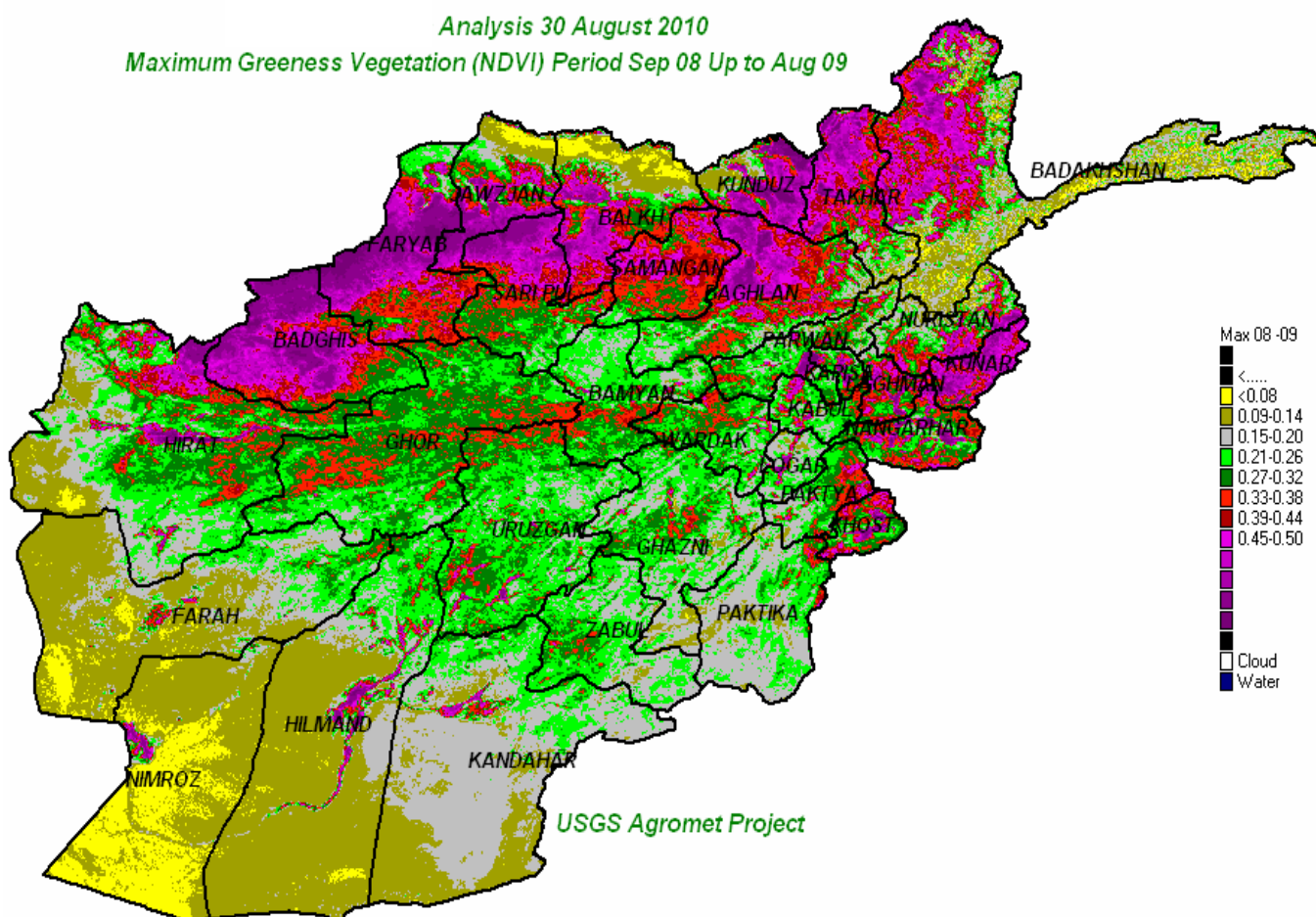
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Avg. 2009 - 2010	27.17	21.39	14.6	8	7.1	9.4	15.3	20.2	26.3	29.13	36.65
Long Term Avg	26.1	20.5	13.8	8.6	7.3	8.9	14.8	19.4	25.2	31	31.5

Normalized Difference Vegetation Index
(NDVI)
Agricultural Season (2009- 2010)

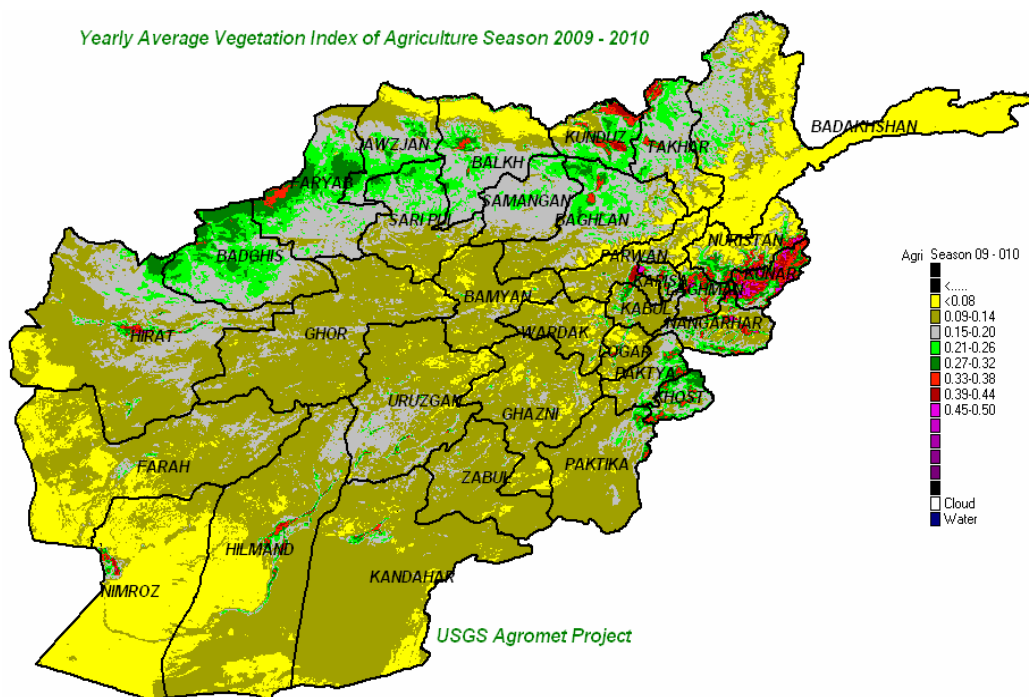
Analysis 30 August 2010
Maximum Greenness Vegetation (NDVI) Period Sep. 09 Up to Aug. 2010



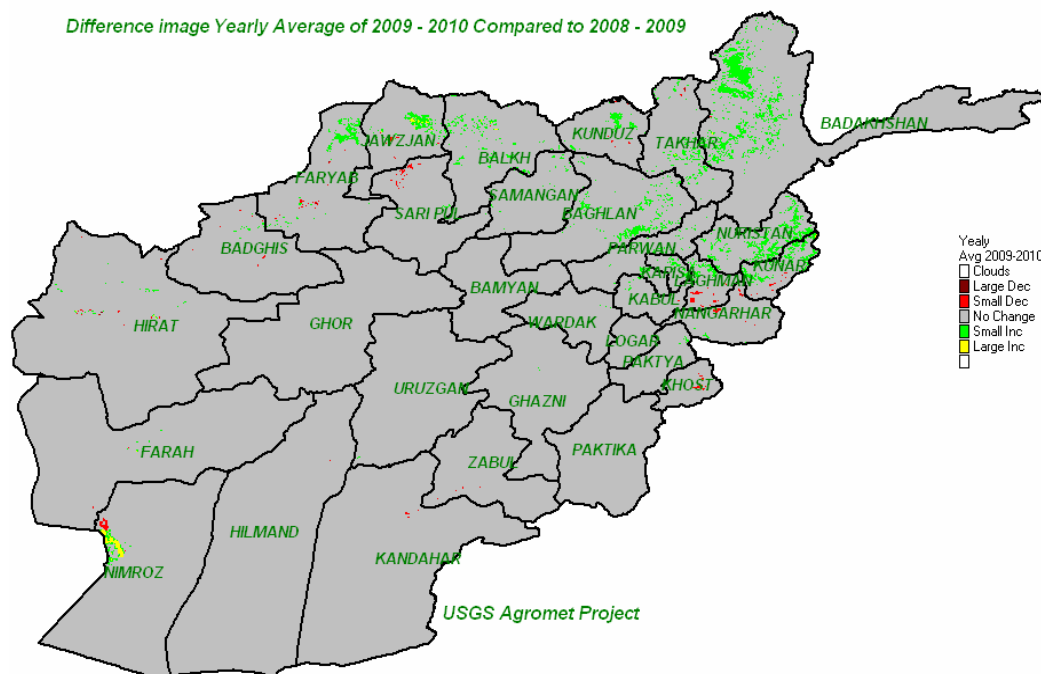
Analysis 30 August 2010
Maximum Greenness Vegetation (NDVI) Period Sep 08 Up to Aug 09



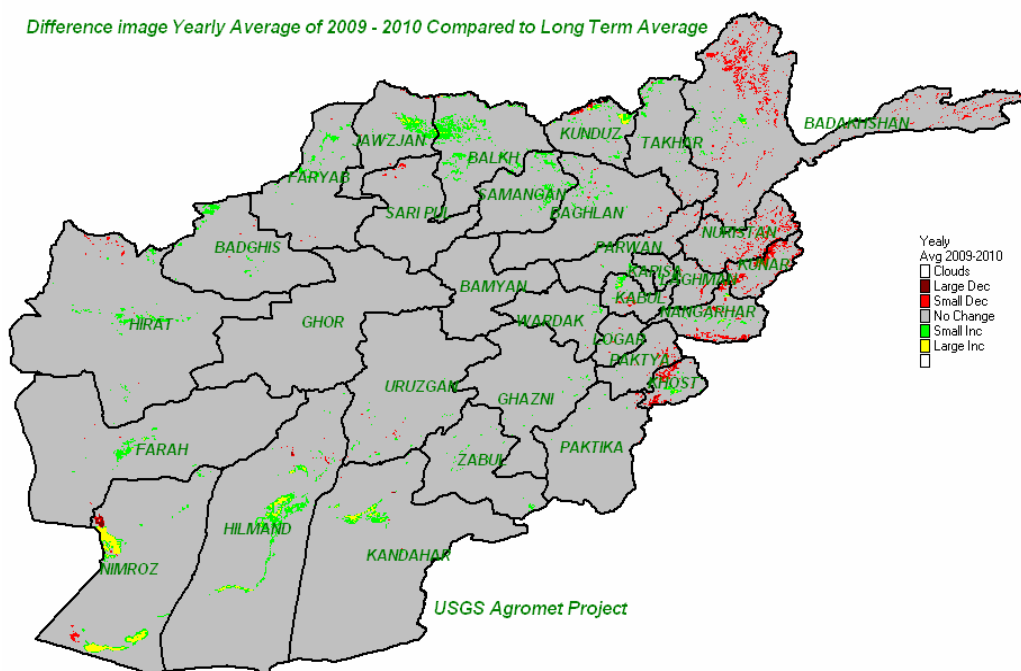
Yearly Average Vegetation Index of Agriculture Season 2009 - 2010



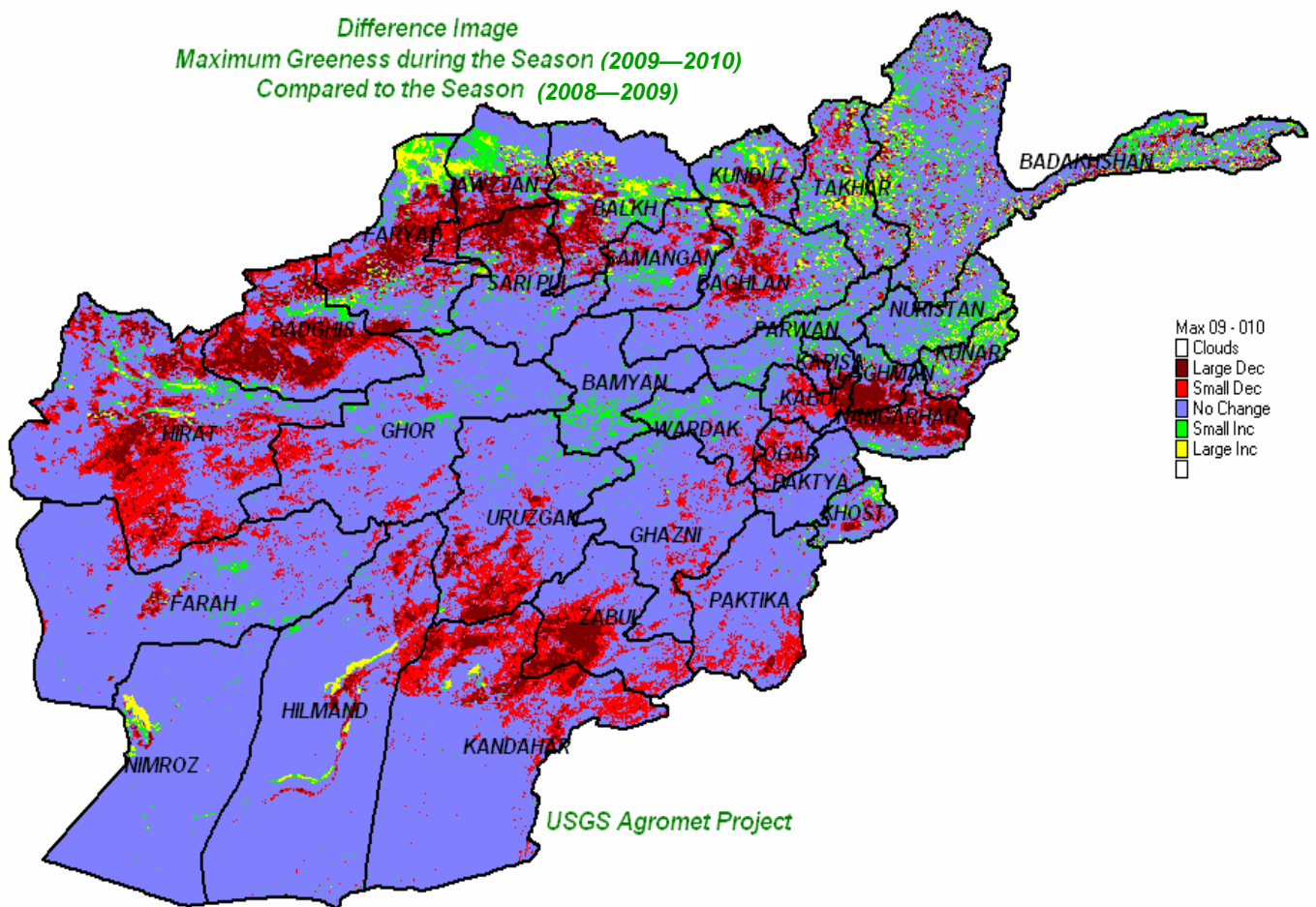
Difference image Yearly Average of 2009 - 2010 Compared to 2008 - 2009



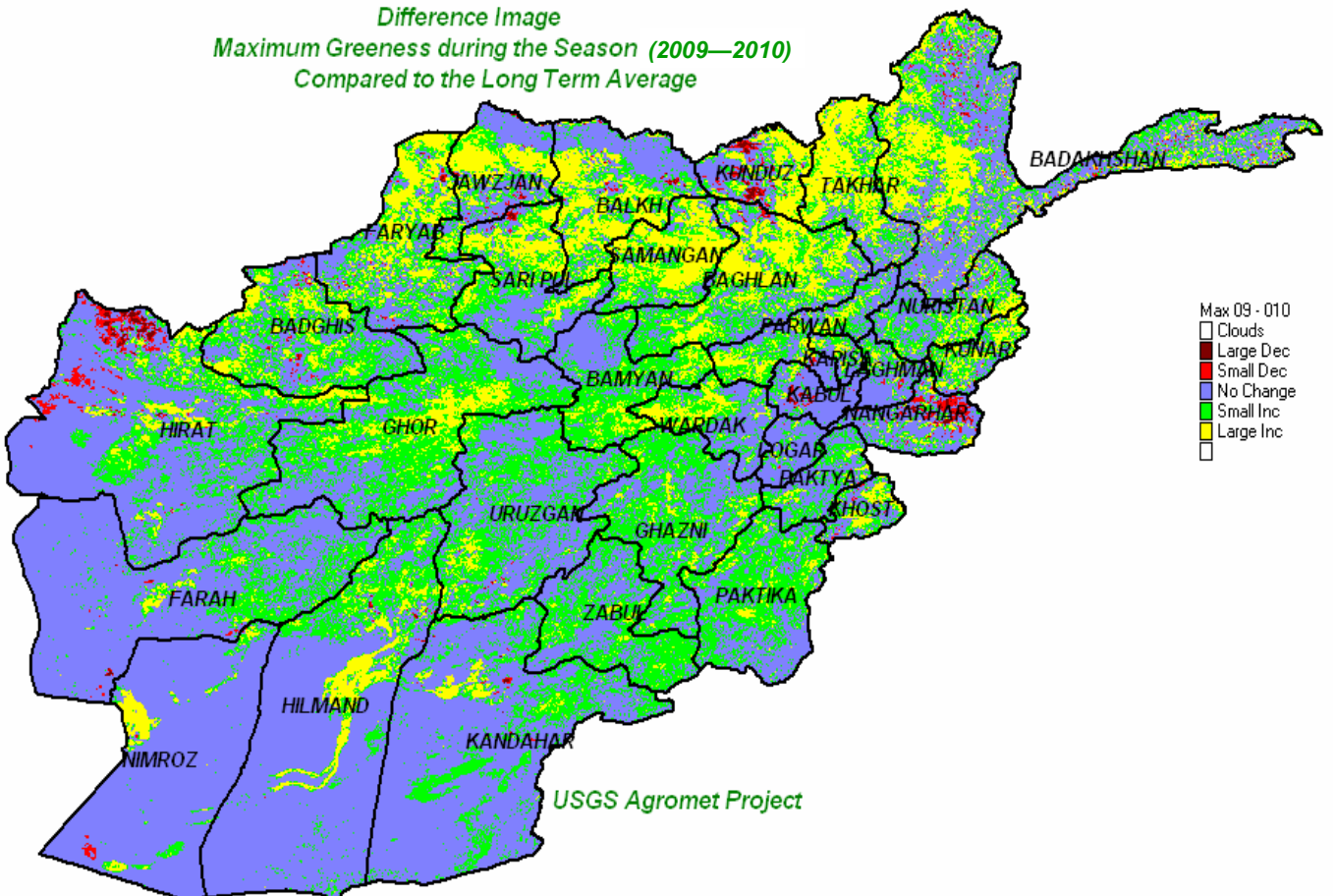
Difference image Yearly Average of 2009 - 2010 Compared to Long Term Average



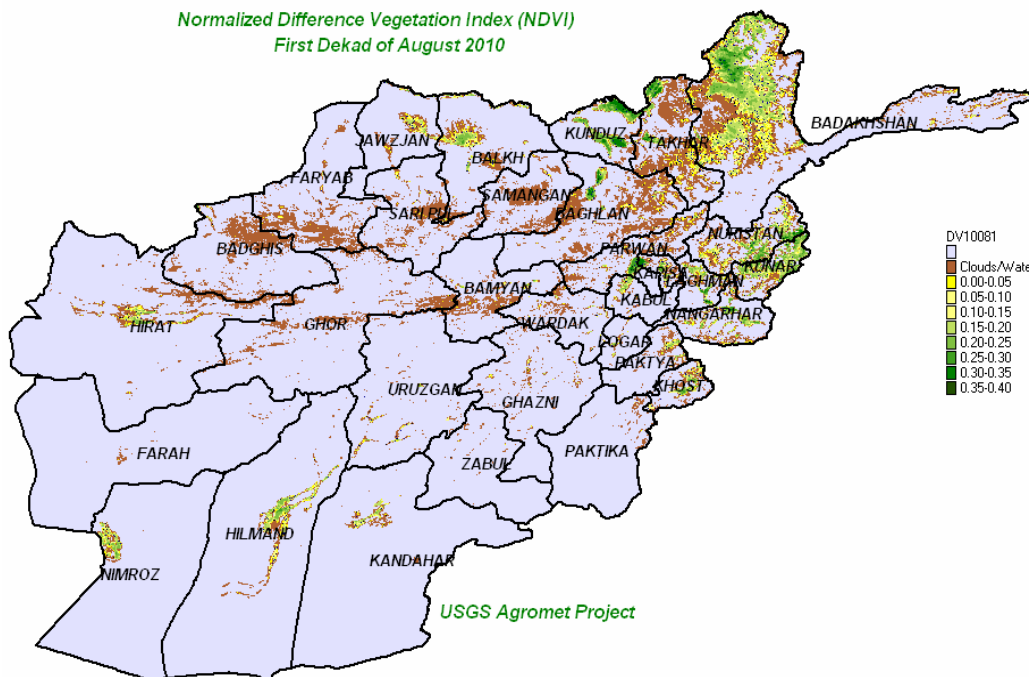
Difference Image
Maximum Greenness during the Season (2009—2010)
Compared to the Season (2008—2009)



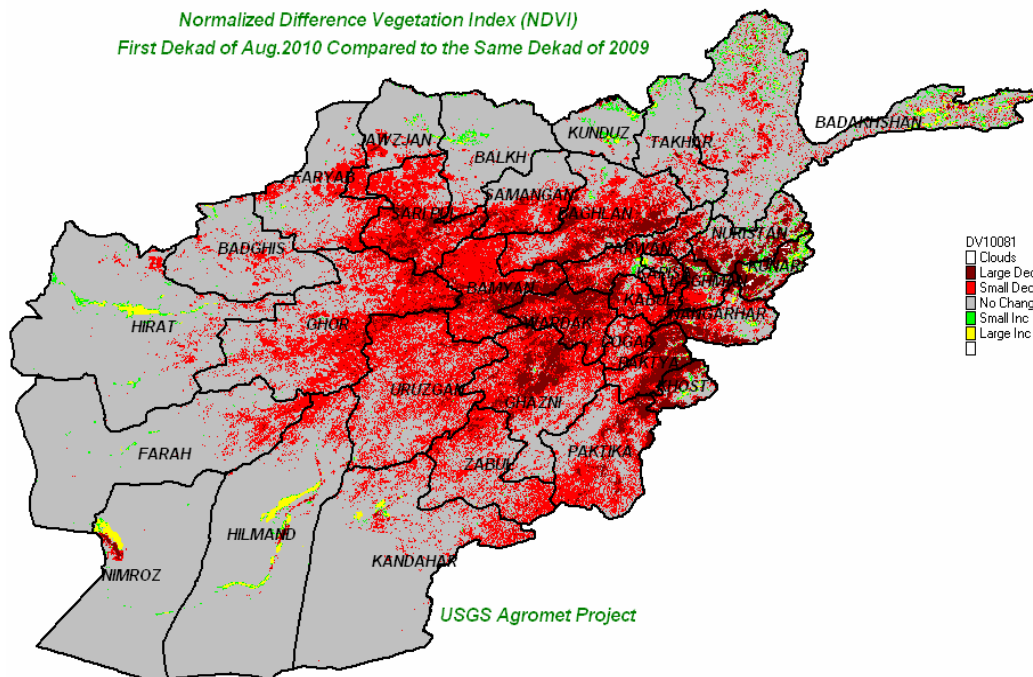
Difference Image
Maximum Greenness during the Season (2009—2010)
Compared to the Long Term Average



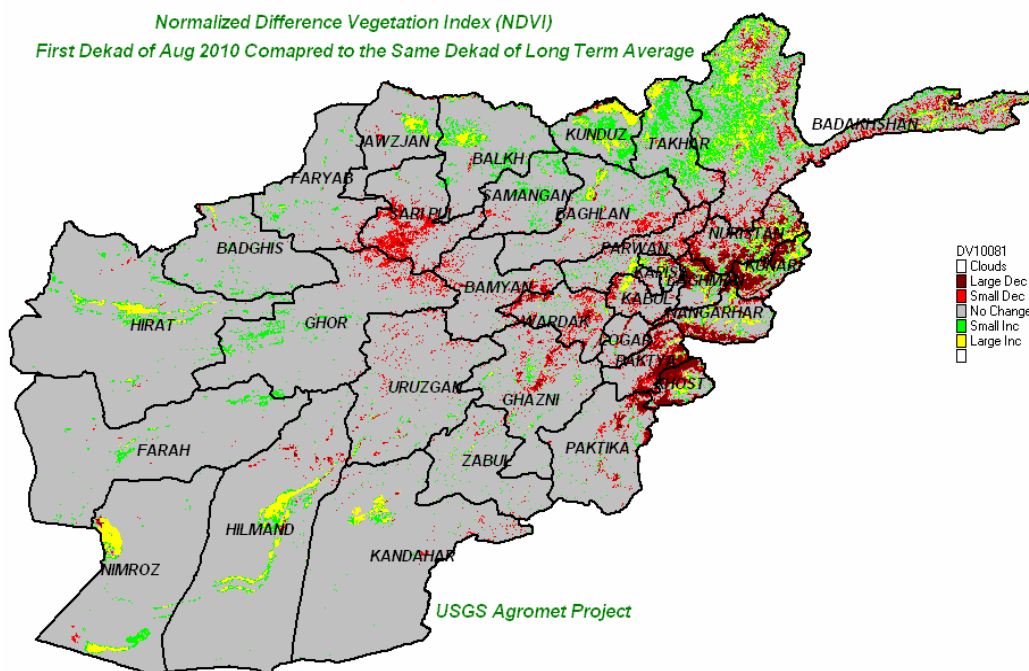
Normalized Difference Vegetation Index (NDVI)
First Dekad of August 2010



Normalized Difference Vegetation Index (NDVI)
First Dekad of Aug.2010 Compared to the Same Dekad of 2009

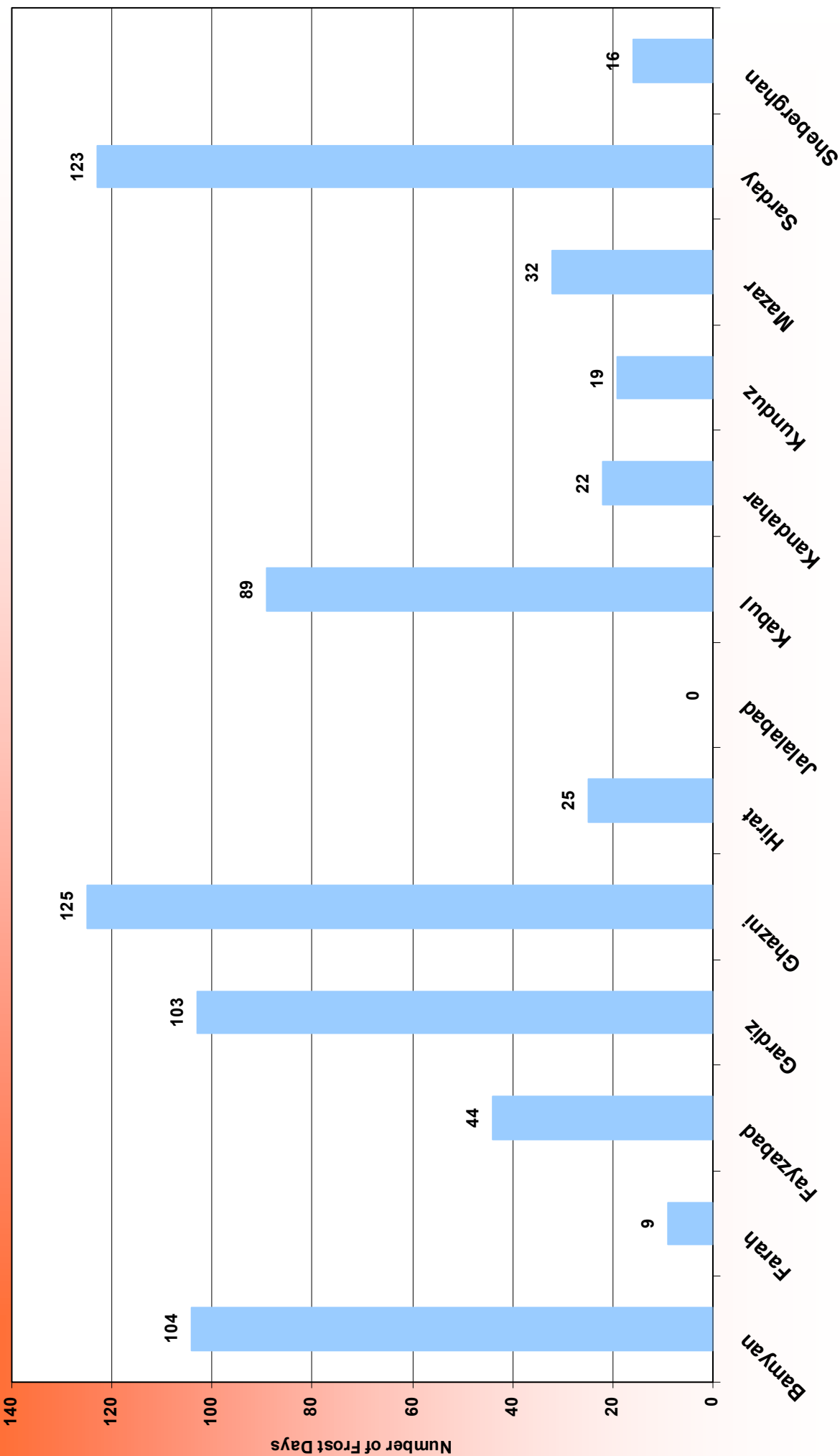


Normalized Difference Vegetation Index (NDVI)
First Dekad of Aug 2010 Compared to the Same Dekad of Long Term Average



Frost Days
Compared with
Last Year and Long Term Average
Agricultural Season (2009 - 2010)

Afghanistan - Yearly Number of Frost Days



Number of Free Frost Days in Afghansitan (2009 - 2010)

