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Wardak

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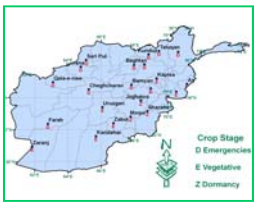
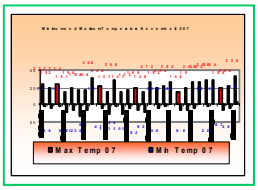
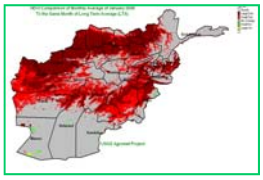
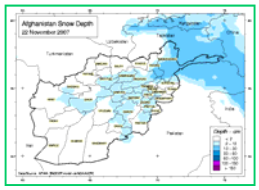
CONTENTS

CONTENTS

S/N	Crop Information	Page	Image
1	Crop Stage, Crop Condition and Adverse Factor.....1-4		
2	Crop Maps.....5-7		
	Rainfall Situation		
3	Rainfall Situation.....8		
4	Rainfall Graphs 9-10		
5	Rainfall Data.....11		
	Temperature		
6	Average Temperature.....12		
7	Maximum and Minimum Temperature.....13		
	Normalized Difference Vegetation Index (NDVI)		
8	Comparison of (NDVI).....14		
	Snow Information		
9	Afghanistan Snow Depth.....15		

Summary

Afghanistan experienced less precipitation during the month of July 2009; comparison of rainfall data shows small decrease of rainfall over the same period of last year 2008 and long term average all over the country except Gardiz and Khost which in here rainfall had increase during July 2009.

However more rainfall was expected during the month of July 2009, during this month rainfall was lower than the last year.

Comparison of temperature for the month of July 2009 compared to the same month of July 2008 shows a small decrease and slightly lower over the same period of 2008.

Farah with 48.4 C^0 was the warmest spot in the country and Bamyan with 7.4 C^0 had the lowest temperature during the month of July 2009.NDVI shows large increase in northern and northeastern region.

Small increase of NDVI value was reported in July 2009 over the same period of last year 2008 in the central highland and capital regain. Large decrease of NDVI in eastern region has occurred.

Wheat as a dominated cereal crop has been harvested during July 2009 in most parts of the country except Nooristan Province where wheat is in vegetative stage.

In some parts of the country like central highland wheat is in grain filling stage.

Maize and Rice has been cultivated in most parts of the country in 2009.

Comparison of maize and rice cultivated areas show more increase than last year 2008 in most parts of the country.

Zone	Province	District	Station	Wheat Crop Stage	Crop Condition	Adverse Factor
Central	Kabul	Shakardara	Karizmir	Harvesting	Good (better than normal)	Not existed
		Paghman	Paghman	Harvesting	Good (better than normal)	Not existed
		Kabul	Darulaman	Harvesting	Good (better than normal)	Not existed
		Sarubi	Sarubi	Wheat is already harvested in this area.		
	Panjsher	Dara	Dara	Harvesting	Normal	Not existed
		Dashtak	Dashtak	Harvesting	Normal	Not existed
	Parwan	Syagerd	Syagerd	Harvesting	Good (better than normal)	Not existed
		Charikar	Charikar	Wheat is already harvested in these areas.		
	Kapisa	Mahmoodraqi	Mahmoodraqi			
		Kohistan	Kohistan			
	Wardak	Chak	Chak	Harvesting	Good (better than normal)	Not existed
		Jaghatoo	Jaghatoo	Harvesting	Good (better than normal)	Not existed
East Central	Bamyan	Bamyan	Bamyan	Grain filling	Good (better than normal)	Not existed
		Yakawlang	Yakawlang	Grain filling	Good (better than normal)	Not existed
		Panjab	Panjab	Grain filling	Good (better than normal)	Not existed
Eastern	Noristan	Paroon	Paroon	Vegetative	Normal	Late planting
	Nangarhar	Agam	Agam	Wheat is already harvested in these areas.		
		Batikot	Ghaziabad			
		Jalalabad	Sheshembagh			
		Jalalabad	Farm Jadeed			
	Konar	Asmar	Asmar			
		Asadabad	Asadabad			
	Laghman	Mihtarlam	Mihtarlam			

Data Source: MAIL,Agromet Network, AMA, USGS,FAO

Crop Stage, Crop Condition and Adverse Factor

Zone	Province	District	Station	Wheat Crop Stage	Crop Condition	Adverse Factor
Northeast	Takhar	Bangi	Bangi	Wheat is already harvested in these areas.		
		Taluqan	Taluqan			
	Kunduz	Imam Sahib	Imam Sahib			
		Qaliazal	Aqtipa			
		Chardara	Chardara			
		Kunduz	Kunduz			
	Baghlan	Pulikhomri	Pozaishan			
	Badakhshan	Faizabad	Faizabad			
South Eastern	Khost	Khost	Khost			
		Khost	Shimal			
		Ali Sher	Ali Sher			
	Paktai	Zormat	Rohani Baba			
		Gardiz	Tera			
	Paktika	Urgon	Urgon			
		Sharana	Sharana			
		Khairkot	Khairkot	Harvesting	Good (better than normal)	Not existed
	Ghazni	Muqur	Muqur	Harvesting	Normal	Not existed
		Andar	Bande Sardi	Harvesting	Normal	Not existed
Southern	Nimroz	Zaranj	Zaranj	Wheat is already harvested in these areas.		
	Kandahar	Kandahar	Kandahar			
	Zabul	Qalat	Qalat			
	Urozgan	Tarinkot	Tarinkot			
	Hilmand	Nad Ali	Nad Ali			
		Greshk	Greshk			
		Nawa	Nawa			
		Lashkargah	Bolan			
North	Balkh	Dihdadi	Dihdadi			
		Nahrishahi	Nahrishahi			
	Jawzjan	Sheberghan	Darzab			
		Darzab	Darzab			
	Saripul	Saripul	Saripul			
		Sozmaqala	Sozmaqala			
	Faryab	Maimana	Maimana			
	Samangan	Aibak	Aibak			
		Dara Souf Bala	Dara Souf Bala	Harvesting	Good (better than normal)	Not existed
Western	Badghis	Qalainow	Qalainow	Wheat is already harvested in these areas.		
		Muqur	Muqur			
	Ghor	Chaghcharan	Chaghcharan	Harvesting	Normal	Not existed
	Hirat	Shindand	Shindand	Wheat is already harvested in these areas.		
		Zindajan	Zindajan			
		Gwazara	Falahat			
		Hirat	Farm Urdokhan			
	Farah	Farah	Farah			

Data Source: MAIL,Agromet Network, AMA, USGS,FAO

Crop Stage, Crop Condition and Adverse Factor

Zone	Province	District	Station	Maize Crop Stage	Crop Condition	Adverse Factor
Central	Kabul	Sarubi	Sarubi	Vegetative	Normal	Not existed
	Parwan	Charikar	Charikar	Emergence	Not visible	Not seen
	Kapisa	Mahmoodraqi	Mahmoodraqi	Emergence	Not visible	Not seen
Eastern	Noristan	Paroon	Paroon	Vegetative	Normal	Not existed
	Nangarhar	Agam	Agam	Vegetative	Normal	Not existed
		Batikot	Ghaziabad	Flowering	Normal	Not existed
		Jalalabad	Sheshembagh	Flowering	Normal	Not existed
		Jalalabad	Farm Jadeed	Flowering	Normal	Not existed
	Konar	Asmar	Asmar	Emergence	Not visible	Not seen
		Asadabad	Asadabad	Emergence	Not visible	Not seen
	Laghman	Mihtarlam	Mihtarlam	Emergence	Not visible	Not seen
Northeast	Takhar	Bangi	Bangi	Emergence	Not visible	Not seen
		Taluqan	Taluqan	Emergence	Not visible	Not seen
	Kunduz	Imam Sahib	Imam Sahib	Vegetative	Normal	Not existed
		Qaliazal	Aqtipa	Vegetative	Normal	Not existed
		Chardara	Chardara	Vegetative	Normal	Not existed
		Kunduz	Kunduz	Vegetative	Normal	Not existed
	Baghlan	Pulikhomri	Pozaishan	Vegetative	Normal	Not existed
	Badakhshan	Faizabad	Faizabad	Emergence	Not visible	Not seen
South Eastern	Khost	Khost	Khost	Flowering	Good (better than normal)	Not existed
		Khost	Shimal	Flowering	Good (better than normal)	Not existed
		Ali Sher	Ali Sher	Flowering	Good (better than normal)	Not existed
	Paktai	Zormat	Rohani Baba	Flowering	Good (better than normal)	Not existed
		Gardiz	Tera	Vegetative	Normal	Not existed
	Paktika	Urgon	Urgon	Emergence	Not visible	Not seen
		Sharana	Sharana	Emergence	Not visible	Not seen
		Khairkot	Khairkot	Emergence	Not visible	Not seen
	Ghzni	Muqur	Muqur	Vegetative	Normal	Not existed
South Western	Kandahar	Kandahar	Kandahar	Emergence	Not visible	Not seen
	Zabul	Qalat	Qalat	Emergence	Not visible	Not seen
	Urozgan	Tarinkot	Tarinkot	Emergence	Not visible	Not seen
	Hilmand	Nad Ali	Nad Ali	Vegetative	Normal	Not existed
		Greshk	Greshk	Vegetative	Normal	Not existed
		Nawa	Nawa	Vegetative	Normal	Not existed
		Lashkargah	Bolan	Vegetative	Normal	Not existed
North	Balkh	Dihdadi	Dihdadi	Vegetative	Normal	Not existed
		Nahrishahi	Nahrishahi	Vegetative	Normal	Not existed
	Jawzjan	Sheberghan	Sheberghan	Emergence	Not visible	Not seen
		Darzab	Darzab	Emergence	Not visible	Not seen
	Saripul	Saripul	Saripul	Emergence	Not visible	Not seen
		Sozmaqala	Sozmaqala	Emergence	Not visible	Not seen
	Faryab	Maimana	Maimana	Emergence	Not visible	Not seen
	Samangan	Aibak	Aibak	Emergence	Not visible	Not seen
		Dara Souf Bala	Dara Souf Bala	Emergence	Not visible	Not seen
Western	Badghis	Qalainow	Qalainow	Emergence	Not visible	Not seen
		Muqur	Muqur	Emergence	Not visible	Not seen
	Hirat	Shindand	Shindand	Vegetative	Normal	Not existed
		Hirat	Zindajan	Vegetative	Normal	Not existed
	Farah	Farah	Farah	Vegetative	Normal	Not existed

Data Source: MAIL,Agromet Network, AMA, USGS,FAO

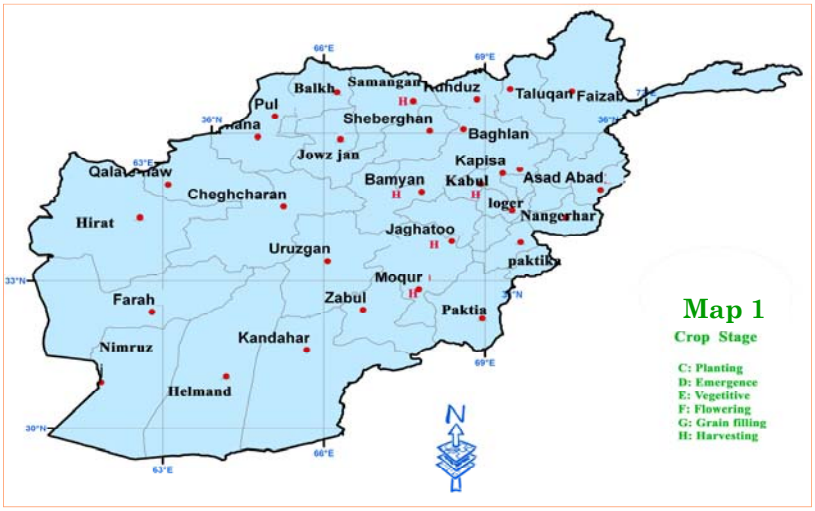
Crop Stage, Crop Condition and Adverse Factor

Zone	Province	District	Station	Rice Crop Stage	Crop Condition	Adverse Factor
Central	**Kabul**	Sarubi	Sarubi	Flowering	Normal	Not existed
Eastern	**Nangarhar**	Agam	Agam	Vegetative	Normal	Not existed
		Batikot	Ghaziabad	Flowering	Normal	Not existed
		Jalalabad	Sheshembagh	Flowering	Normal	Not existed
		Jalalabad	Farm Jadeed	Flowering	Normal	Not existed
	Konar	Asmar	Asmar	Vegetative	Normal	Not existed
		Asadabad	Asadabad	Vegetative	Normal	Not existed
	Laghman	Mihtarlam	Mihtarlam	Vegetative	Normal	Not existed
Northeast	**Takhar**	Bangi	Bangi	Flowering	Normal	Locust
		Taluqan	Taluqan	Flowering	Normal	Locust
	Kunduz	Imam Sahib	Imam Sahib	Flowering	Normal	Not existed
		Qaliazal	Aqtipa	Flowering	Normal	Not existed
		Chardara	Chardara	Flowering	Normal	Not existed
		Kunduz	Kunduz	Flowering	Normal	Not existed
	Baghlan	Pulikhomri	Pozaishan	Flowering	Normal	Not existed
	Badakhshan	Faizabad	Faizabad	Emergence	Not visible	Not seen
South Eastern	**Khost**	Khost	Khost	Vegetative	Normal	Not existed
		Khost	Shimal	Vegetative	Normal	Not existed
		Ali Sher	Ali Sher	Vegetative	Normal	Not existed
	Paktai	Zormat	Rohani Baba	Vegetative	Normal	Not existed
		Gardiz	Tera	Vegetative	Normal	Not existed
	Paktika	Urgon	Urgon	Emergence	Not visible	Not seen
		Sharana	Sharana	Emergence	Not visible	Not seen
		Khairkot	Khairkot	Emergence	Not visible	Not seen
North	**Balkh**	Dihdadi	Dihdadi	Vegetative	Normal	Not existed
		Nahrishahi	Nahrishahi	Vegetative	Normal	Not existed
	Jawzjan	Sheberghan	Sheberghan	Emergence	Not visible	Not seen
		Darzab	Darzab	Emergence	Not visible	Not seen
	Saripul	Saripul	Saripul	Emergence	Not visible	Not seen
		Sozmaqala	Sozmaqala	Emergence	Not visible	Not seen
	Faryab	Maimana	Maimana	Emergence	Not visible	Not seen
	Samangan	Aibak	Aibak	Emergence	Not visible	Not seen
		Dara Souf Bala	Dara Souf Bala	Emergence	Not visible	Not seen
Western	**Badghis**	Qalainow	Qalainow	Emergence	Not visible	Not seen
	Hirat	Shindand	Shindand	Flowering	Normal	Not existed
		Hirat	Zindajan	Flowering	Normal	Not existed

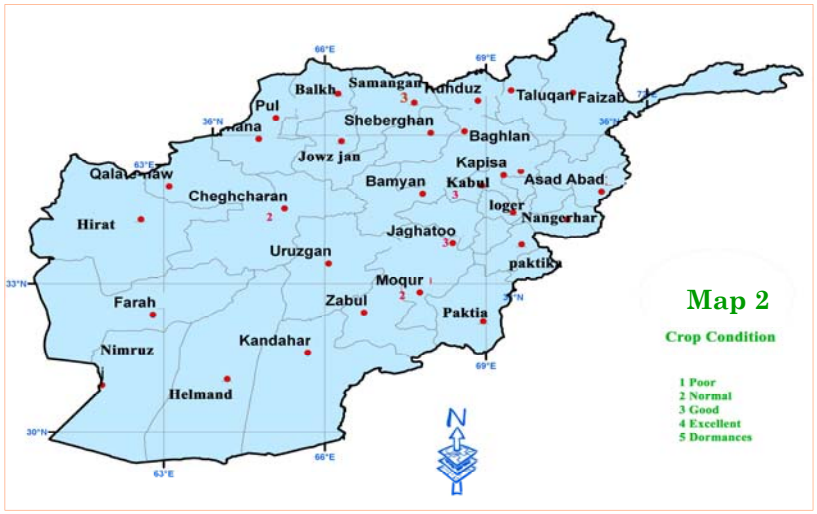
Data Source: MAIL,Agromet Network, AMA, USGS,FAO

Crop Stage, Crop Condition and Adverse Factor, Maps

Wheat Crop Stage - July 2009



Wheat Crop Condition - July 2009



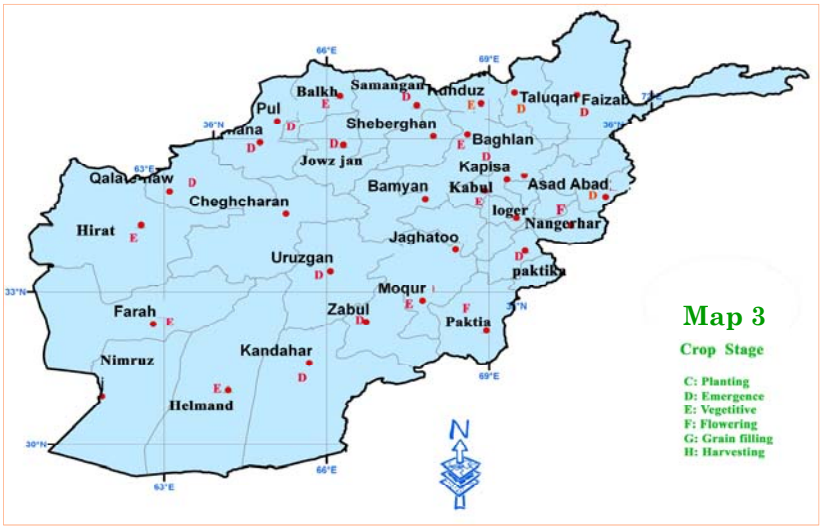
Wheat - Adverse Factor - July 2009

Adverse Factors Not Existed

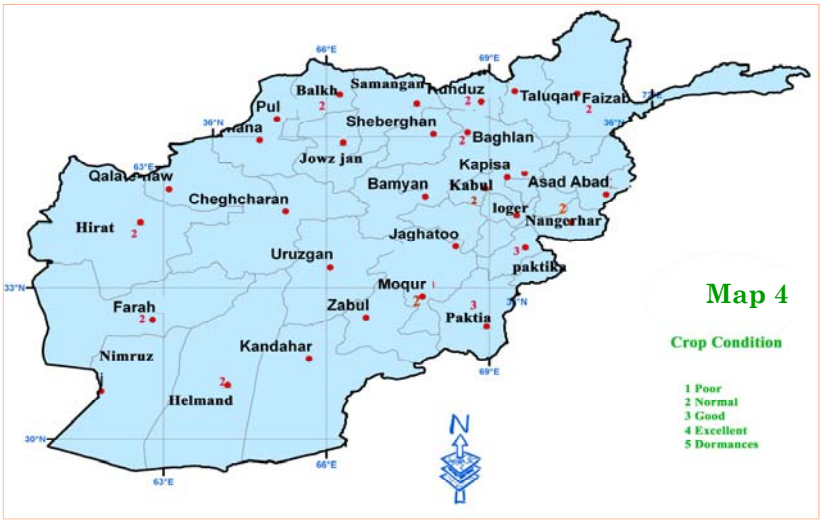
Data Source: MAIL,Agromet Network, AMA, USGS,FAO

Crop Stage, Crop Condition and Adverse Factor, Maps

Maize - Crop Stage - July 2009



Maize - Crop Condition - July 2009



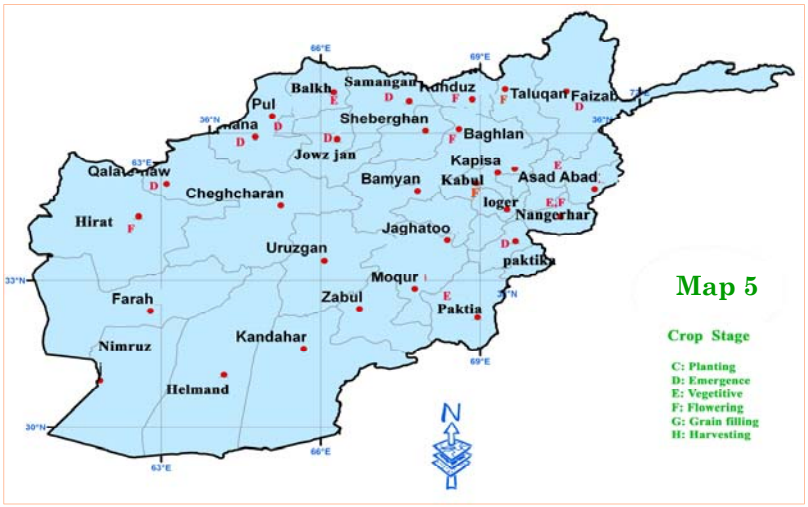
Maize - Adverse Factor -July 2009

Adverse Factors Not Existed

Data Source: MAIL,Agromet Network, AMA, USGS,FAO

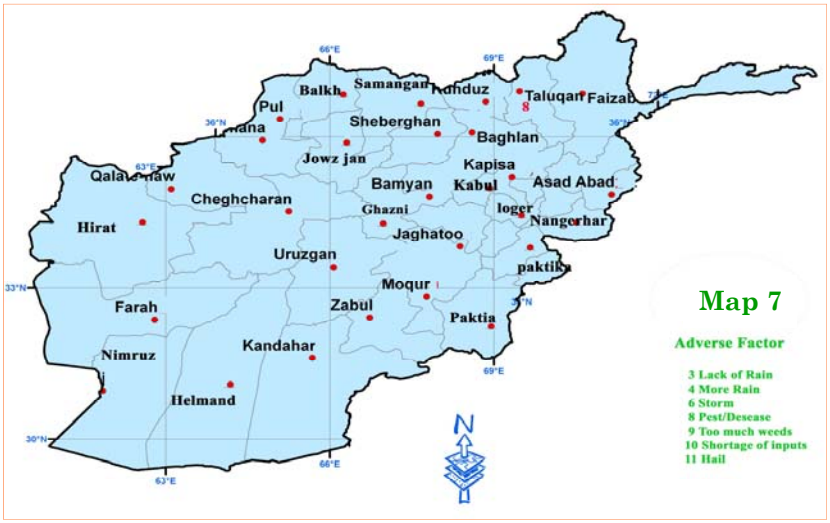
Crop Stage, Crop Condition and Adverse Factor, Maps

Rice - Crop Stage - July 2009



Rice - Crop Condition - July 2009

Rice - Adverse Factor -July 2009



Data Source: MAIL,Agromet Network, AMA, USGS,FAO

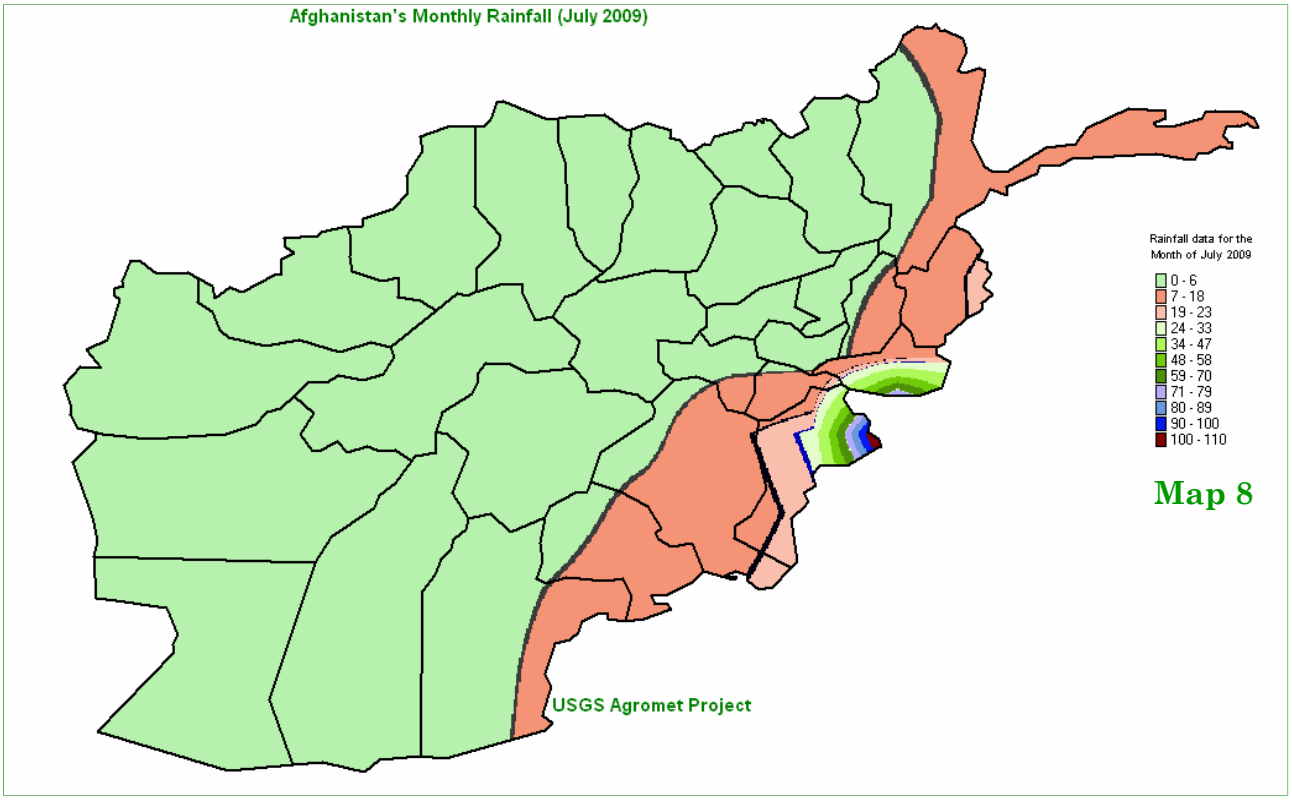
In July much of the country dried out, however more rainfall expected during the month of July, but unfortunately the monsoon system which was usually pushing adequate moisture inside the country was not so active in this period of time in summer, resulted the country did not receive much precipitation during the month of July 2009, finally the country dried out in the month of July 2009.

Comparison of rainfall data for the month of July 2009 with the same month of last year chart (1) shows small decrease of rainfall during the month of July 2009 compared to the same month in 2008, except Gardiz and Khost where the rainfall had an increase during the month of July 2009 over the same month of last year.

The percentage +/- of rainfall shown in next page table (1).

Comparison of rainfall data for the month of July 2009 with the same month of long term average chart (2) shows an increase of rainfall particularly in Asmar, Gardiz and Khost during the month of July 2009 compared to the same month of long term average.

In the remaining stations rainfall had decrease during the month of July 2009 over the same month of long term average, but monthly total of rainfall for the month of July 2009 had small increase compared to the same month of long term average. The percentage +/- of rainfall shown in next page table (2).



Map 8

Map (8) shows rainfall distribution for the month of July 2009 around the country.

As map (8) shows most amount of rainfall occurred in the Southeastern region during the month of July 2009.

The Northeastern region, Eastern region and some parts of the Southern region received light precipitation.

The remaining regions of the country experienced low amount of rainfall or has dried out.

Data Source: MAIL,Agromet Network, AMA, USGS,FAO

Rainfall Graphs for the Month of July 2009

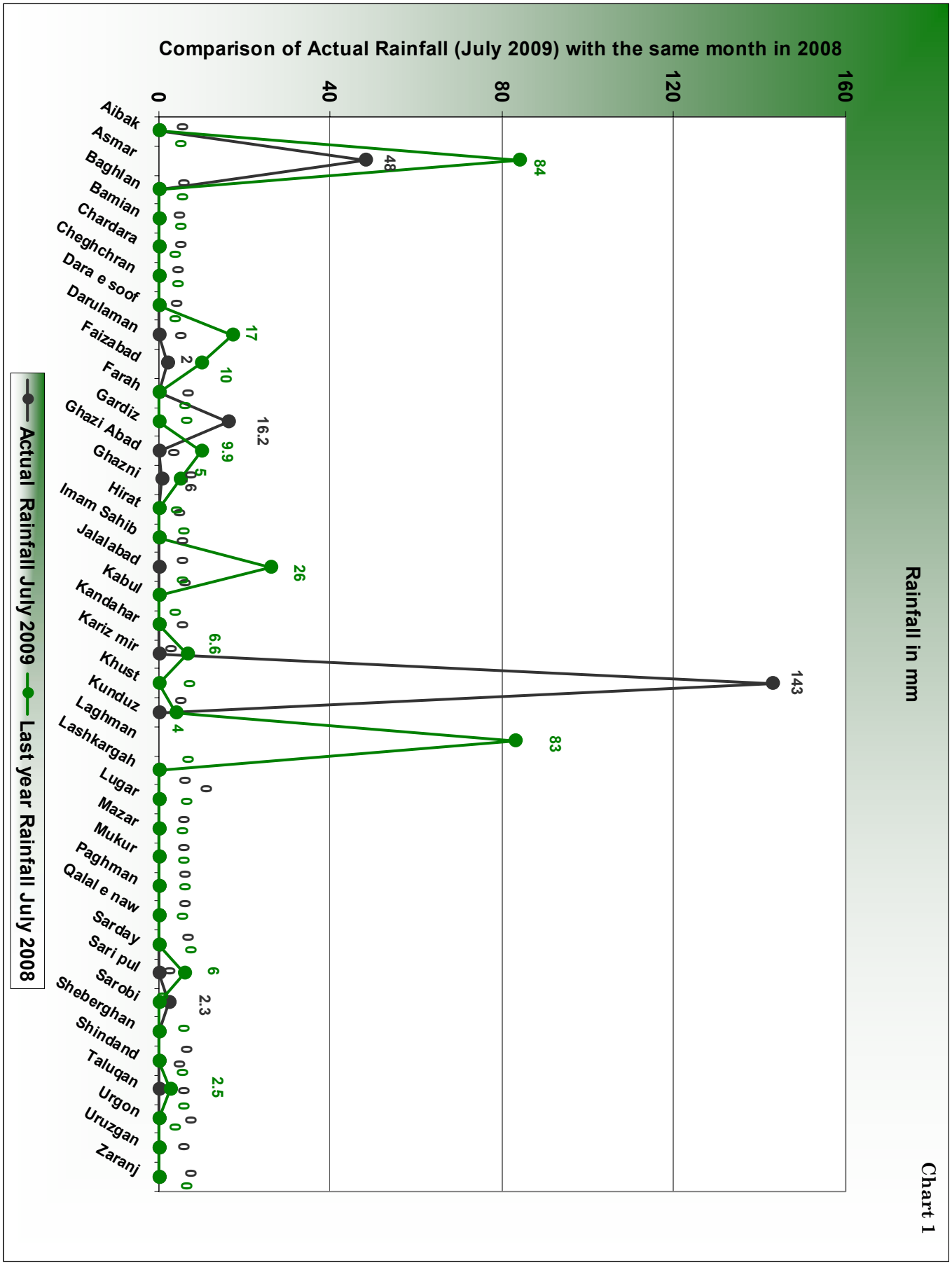


Chart 1

Data Source: MAIL,Agromet Network, AMA, USGS,FAO

Rainfall Graphs for the Month of July 2009

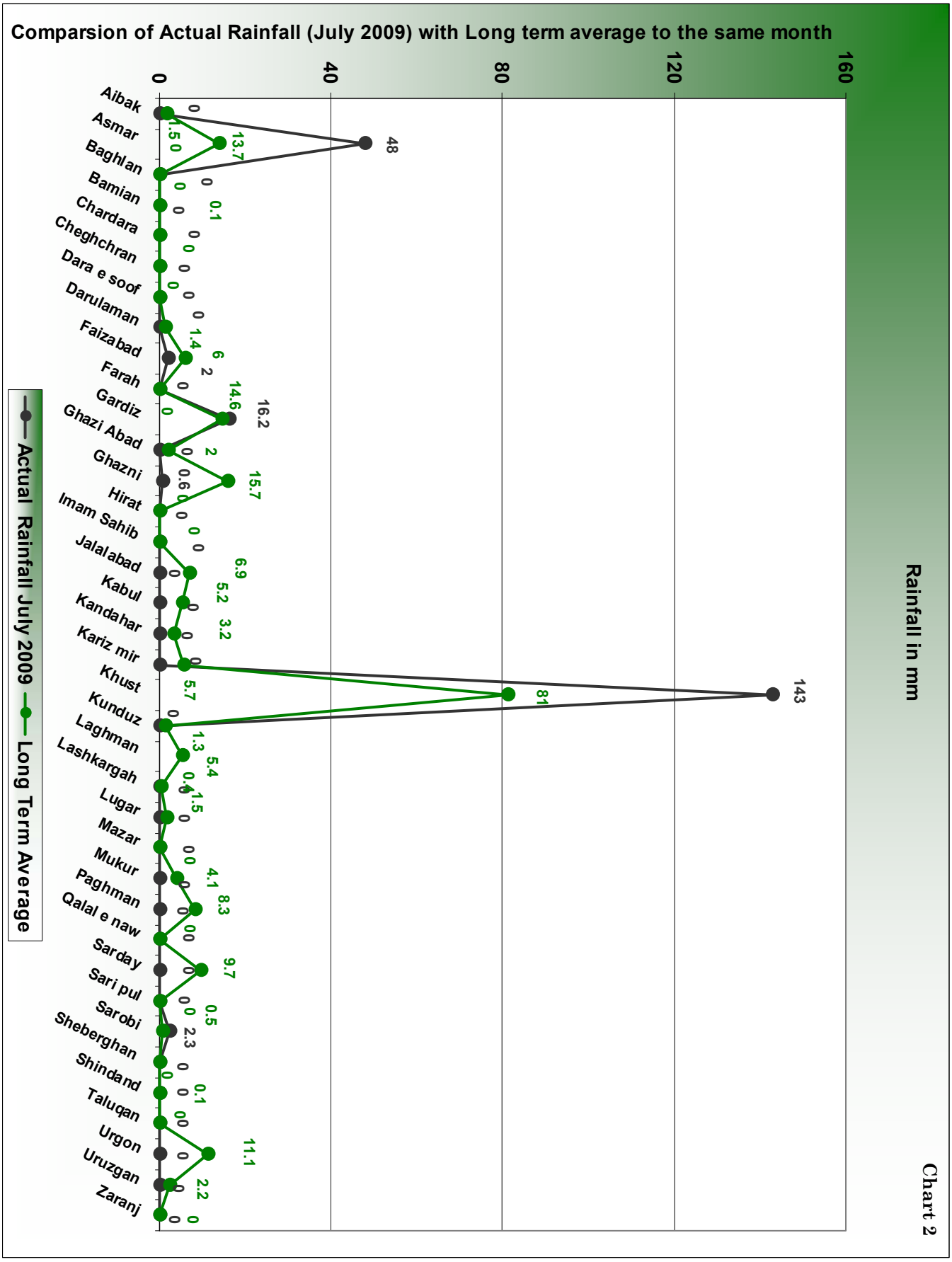


Chart 2

Data Source: MAIL,Agromet Network, AMA, USGS,FAO

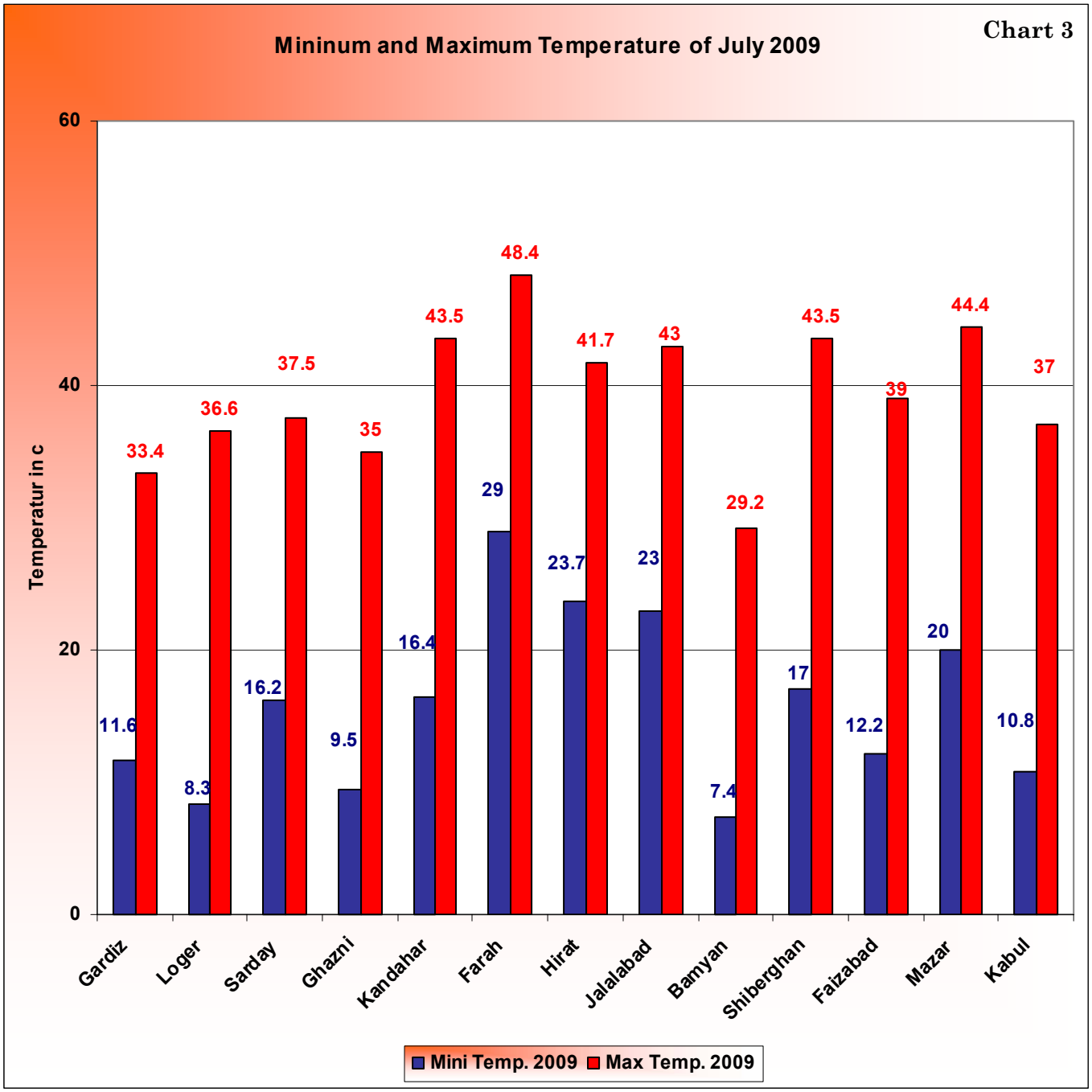
Rainfall for the Month of July 2009

Table 2

Name	Actual Rainfall July 2009	Last year Rainfall July 2008	Long Term Average
Aibak	0	0	1.5
Asmar	48	84	13.7
Baghlan	0	0	0
Bamian	0	0	0.1
Chardara	0	0	0
Cheghchran	0	0	0
Dara e soof	0	0	0
Darulaman	0	17	1.4
Faizabad	2	10	6
Farah	0	0	0
Gardiz	16.2	0	14.6
Ghazi Abad	0	9.9	2
Ghazni	0.6	5	15.7
Hirat	0	0	0
Imam Sahib	0	0	0
Jalalabad	0	26	6.9
Kabul	0	0	5.2
Kandahar	0	0	3.2
Kariz mir	0	6.6	5.7
Khust	143	0	81
Kunduz	0	4	1.3
Laghman		83	5.4
Lashkargah	0	0	0.4
Lugar	0	0	1.5
Mazar	0	0	0
Mukur	0	0	4.1
Paghman	0	0	8.3
Qalal e naw	0	0	0
Sarday	0	0	9.7
Sari pul	0	6	0
Sarobi	2.3	0	0.5
Sheberghan	0	0	0
Shindand	0	0	0
Taluqan	0	2.5	0.1
Urgon	0	0	11.1
Uruzgan	0	0	2.2
Zaranj	0	0	0

Data Source: MAIL,Agromet Network, AMA, USGS,FAO

Chart 3

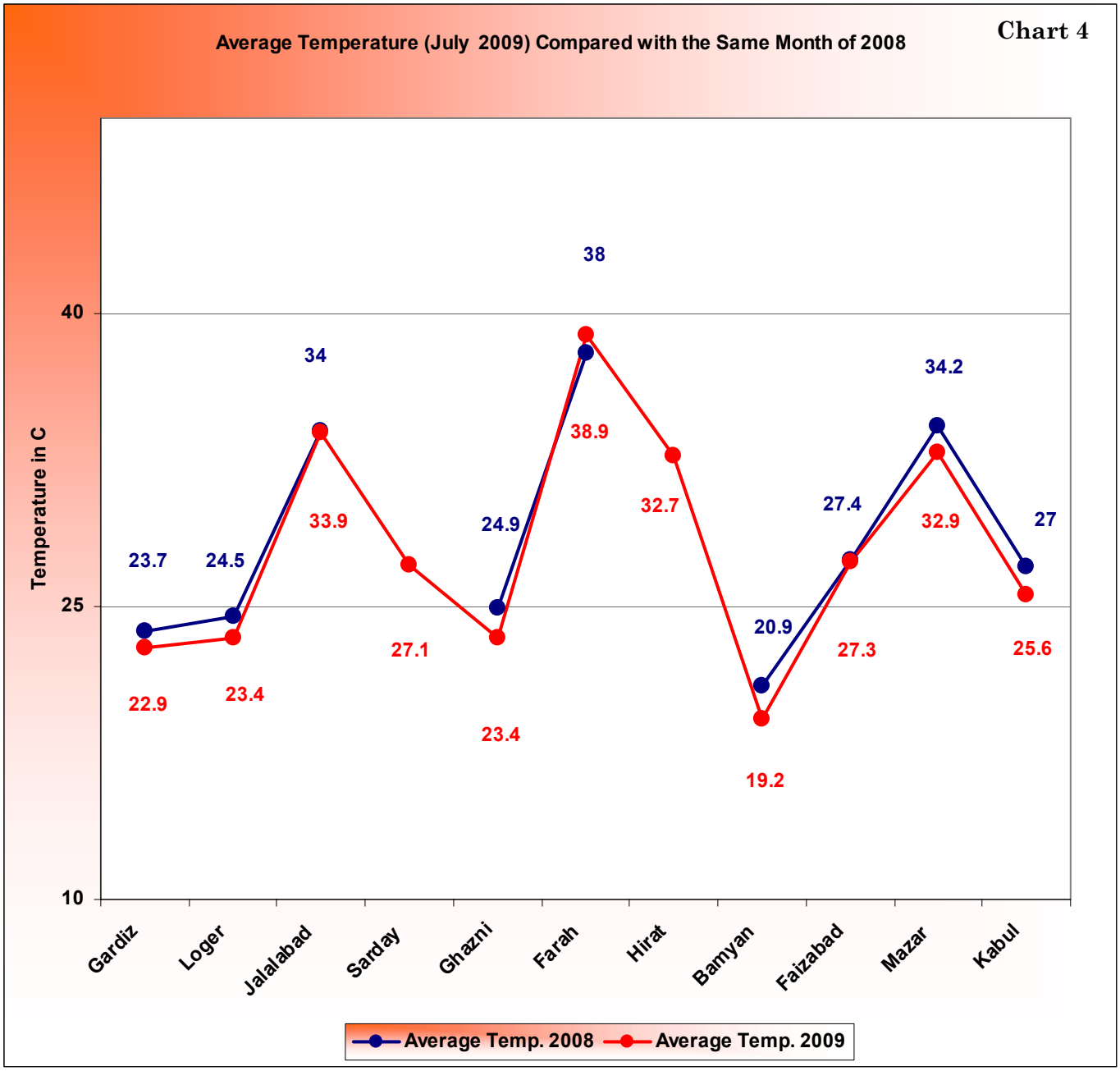


Farah with 48.4 C° was the warmest spot in the country during the month of July 2009, Bamyan with 7.4 C ° experienced the lowest temperature .

Chart (3) shows maximum and minimum temperature for the month of July 2009 across the country. As chart (3) shows Farah with 48.4 C° was the warmest spot of the country during the month of July 2009 and Bamyan with 7.4 C ° experienced lowest temperature.

Data Source: MAIL,Agromet Network, AMA, USGS,FAO

Chart 4

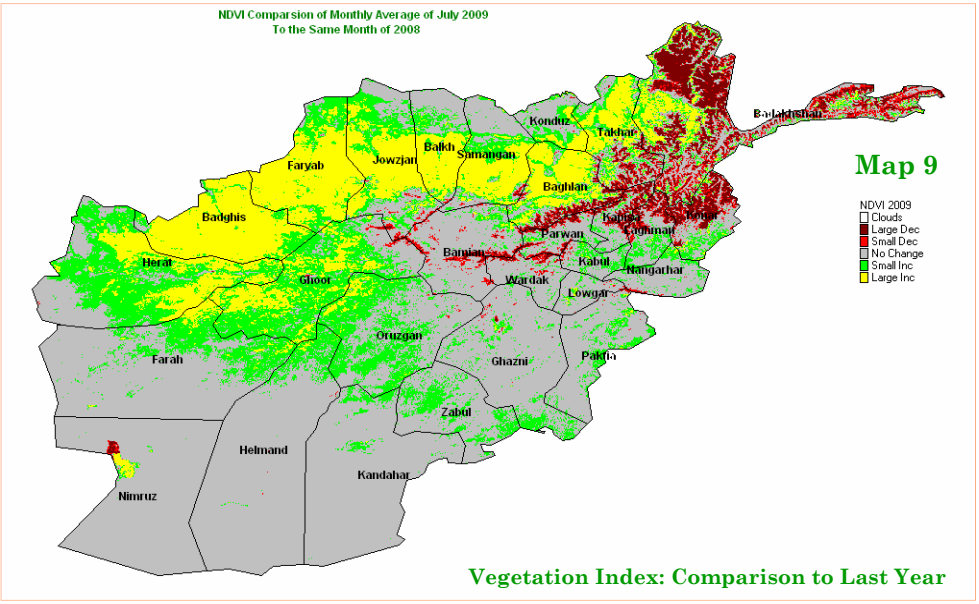


Temperature was slightly lower during the month of July 2009 compared to the same month of last year, all over the country.

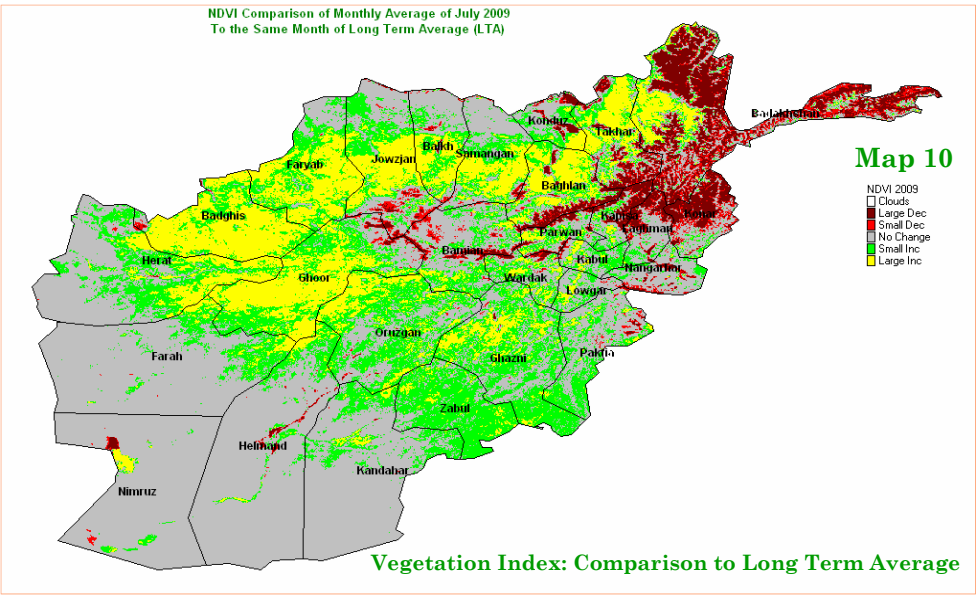
As overall the country dried out in July, but temperature was slightly lower during the month of July 2009 compared to the same month of last year around the country.

Comparison of monthly average of temperature for the month of July 2009 with the same month in 2008 chart (4) shows small decrease of temperature during the month of July 2009 over the same month of last year.

Data Source: MAIL,Agromet Network, AMA, USGS,FAO



Vegetation Index: Comparison to Last Year



Vegetation Index: Comparison to Long Term Average

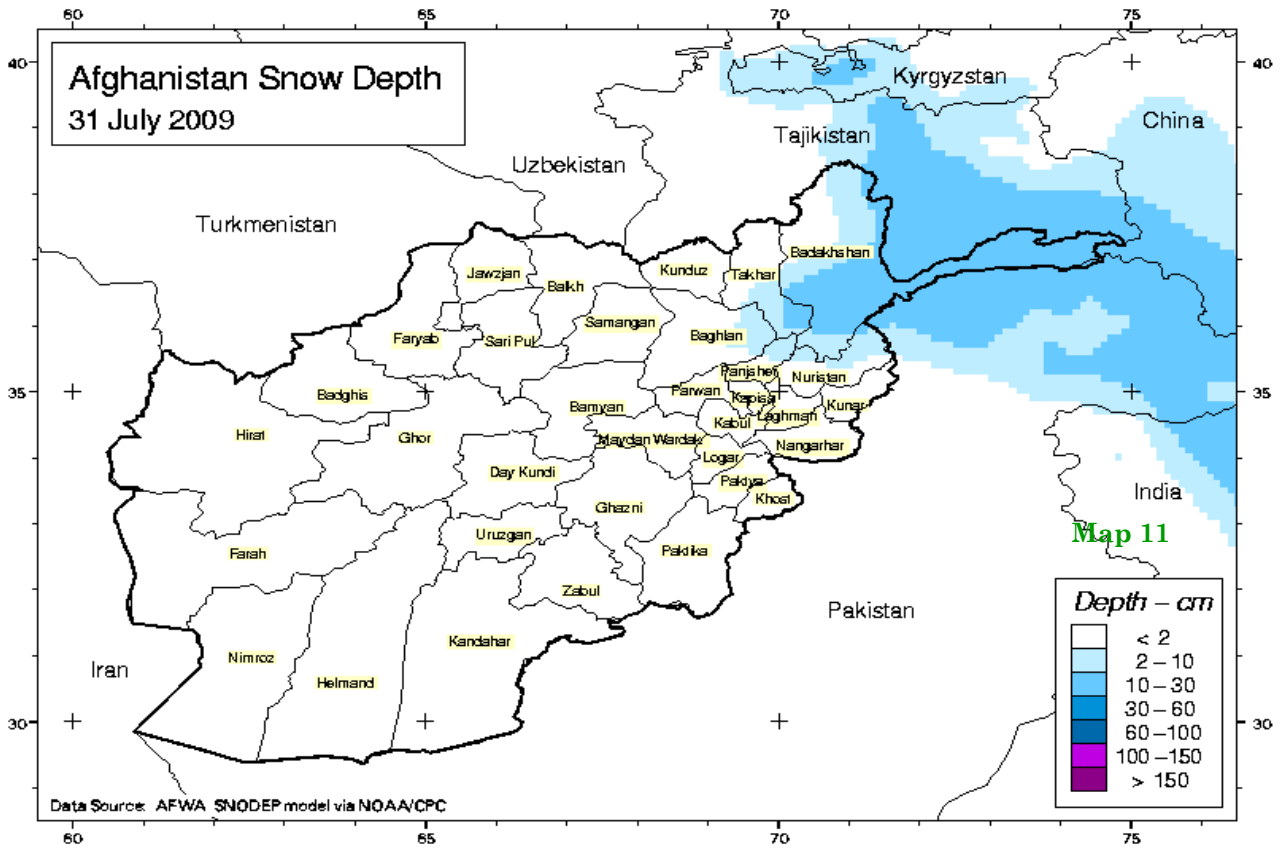
NDVI: July 2009

Comparison of monthly average of NDVI for the month of July 2009 with the same month in 2008 map (9) shows large increase of NDVI in the Northern region, Northwestern region and most parts in the Northeastern region during the month of July 2009 compared to the same month in 2008, and small increase occurred in NDVI as well as in the Central Highlands and some parts in the Capital region, western region and limited areas in the Southeastern region too.

Comparison of monthly average of NDVI for the month of July 2009 with the same month of long term average map (10) shows large increase of NDVI in the Northern region, Northwestern region, some parts in the Northeastern region, Central Highlands, some parts of the West part of Central Highlands during the month of July 2009 over the same month of long term average. Small increase occurred in NDVI value in the Southeastern regions too. Large decrease occurred in NDVI value in the Eastern region and most parts in the Northeastern region during the month of July 2009 compared to the same month of long term average.

There is no change of NDVI in the Southern, Southwestern and Western regions during the month of July 2009 over the same month of long term average.

Data Source: MAIL,Agromet Network, AMA, USGS,FAO



Map 11

During the winter months an unusually deep snow pack built up. As temperature began to warm during the spring and summer months as typical, the snow began to melt.

In the month of July due to lower temperature than last year snow pack remained to the highest elevations of the Northeastern region.

Map (11) shows snow depth at the end of July 2009 in highest elevations of the Northeastern region, where the snow depth has been recorded 10 to 30 cm.

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