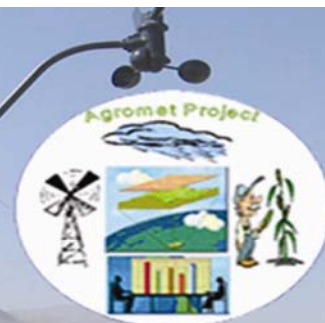


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June 2009



Kabul



Chack Wardak

Agromet Network



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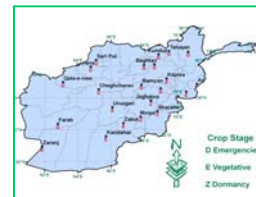


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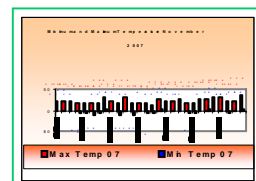
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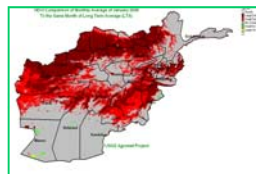
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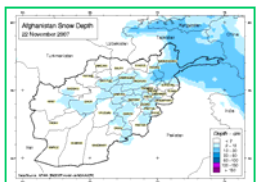
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Summary

Afghanistan experienced light precipitation during June 2009. Comparison of rainfall data shows significant increase of rainfall over the same period of last year and long term average all over the country.

Comparison of temperature data for the month June 2009 compared to the same month of June 2008 shows a small decrease over the same period of 2008.

Jalalabad with 46 C⁰ was the warmest spot in the country.

NDVI shows large increase in Northern and Northeastern region, small increase of NDVI value was reported in June 2009 over the same period of long term average.

Wheat as a dominant cereal crop has been harvested during June 2009 in majority of the areas of the country.

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

Zone	Province	District	Station	Wheat Crop Stage	Crop Condition	Adverse Factor
Central	Kabul	Shakardara	Karizmir	Grain filling	Good (better than normal)	Not existed
		Paghman	Paghman	Grain filling	Good (better than normal)	Excessive weeds
		Darulaman	Darulaman	Grain filling	Good (better than normal)	Not existed
		Sarubi	Sarubi	Harvesting	Normal	Not existed
	Panjsher	Dara	Dara	Grain filling	Normal	Rust, excessive weeds and cut worm
		Dashtak	Dashtak	Grain filling	Normal	Rust, excessive weeds and cut worm
	Parwan	Ghorband	Syagerd	Grain filling	Good (better than normal)	Not existed
		Charikar	Charikar	Harvesting	Good (better than normal)	Not existed
	Kapisa	Mahmoodraqi	Mahmoodraqi	Harvesting	Poor	Hail and excessive weeds
		Kohistan	Kohistan	Harvesting	Poor	Hail and excessive weeds
Wardak	Chak	Chak	Grain filling	Good (better than normal)	Not existed	
	Jaghato	Jaghato	Grain filling	Good (better than normal)	Not existed	
East Central	Bamyan	Bamyan	Bamyan	Flowering	Good (better than normal)	Not existed
		Yakawlang	Yakawlang	Flowering	Good (better than normal)	Not existed
		Panjab	Panjab	Flowering	Good (better than normal)	Not existed
Eastern	Nangarhar	Agam	Agam	Harvesting	Normal	Not existed
		Batikot	Ghaziabad	Harvesting	Normal	Not existed
		Jalalabad	Sheshembagh	Harvesting	Normal	Not existed
		Jalalabad	Farm Jadeed	Harvesting	Normal	Not existed
	Konar	Asmar	Asmar	Harvesting	Good (better than normal)	Not existed
		Asadabad	Asadabad	Harvesting	Good (better than normal)	Not existed
	Laghman	Mihtarlam	Mihtarlam	Harvesting	Good (better than normal)	Not existed
Northeast	Takhar	Bangi	Bangi	Harvesting	Normal	Not existed
		Taluqan	Taluqan	Harvesting	Normal	Not existed
	Kunduz	Imam Sahib	Imam Sahib	Harvesting	Good (better than normal)	Not existed
		Aqtipa	Aqtipa	Harvesting	Good (better than normal)	Not existed
		Chardara	Chardara	Harvesting	Good (better than normal)	Not existed
		Kunduz	Kunduz	Harvesting	Good (better than normal)	Not existed
	Baghlan	Baghlan Jadid	Pozaishan	Harvesting	Good (better than normal)	Not existed
	Badakhshan	Faizabad	Faizabad	Grain filling	Good (better than normal)	Not existed

Crop Stage, Crop Condition and Adverse Factor

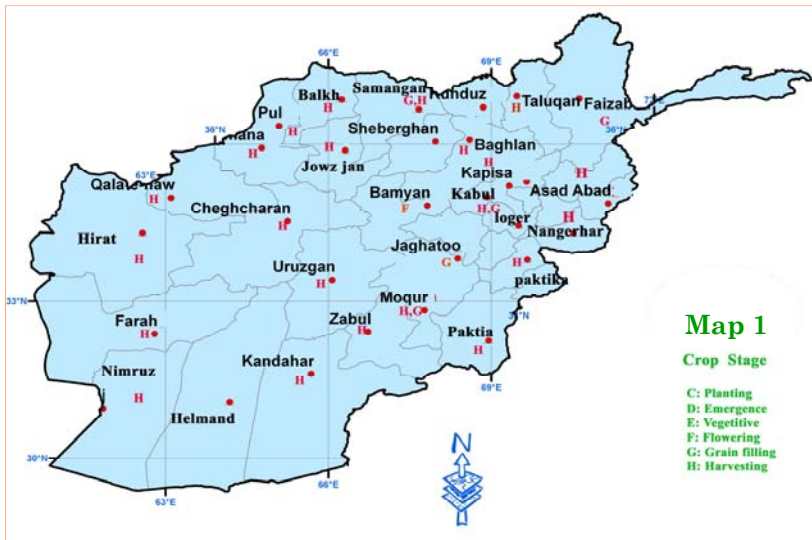
Zone	Province	District	Station	Wheat Crop Stage	Crop Condition	Adverse Factor
South Eastern	Khost	Khost	Khost	Harvesting	Normal	Not existed
		Shimal	Shimal	Harvesting	Normal	Not existed
		Ali Sher	Ali Sher	Harvesting	Normal	Not existed
	Paktai	Zormat	Rohani Baba	Harvesting	Good (better than normal)	Not existed
		Gardiz	Tera	Harvesting	Good (better than normal)	Not existed
	Paktika	Urgon	Urgon	Harvesting	Good (better than normal)	Not existed
		Sharana	Sharana	Harvesting	Good (better than normal)	Not existed
		Khairkot	Khairkot	Grain filling	Good (better than normal)	Not existed
	Ghazni	Muqur	Muqur	Grain filling	Normal	Not existed
		Bande Sardi	Bande Sardi	Grain filling	Normal	Not existed
Southern	Nimroz	Zaranj	Zaranj	Harvesting	Poor	Low precipitation
	Kandahar	Kandahar	Kandahar	Harvesting	Normal	Not existed
	Zabul	Qalat	Qalat	Harvesting	Normal	Not existed
	Urozgan	Trinkot	Trinkot	Harvesting	Normal	Not existed
	Hilmand	Nad Ali	Nad Ali	Harvesting	Good (better than normal)	Not existed
		Greshk	Greshk	Harvesting	Good (better than normal)	Not existed
		Nawa	Nawa	Harvesting	Good (better than normal)	Not existed
		Lashkargah	Bolan	Harvesting	Good (better than normal)	Not existed
North	Balkh	Dihdadi	Dihdadi	Harvesting	Good (better than normal)	Not existed
		Nahrishahi	Nahrishahi	Harvesting	Good (better than normal)	Not existed
	Jawzjan	Sheberghan	Darzab	Harvesting	Good (better than normal)	Not existed
		Darzab	Darzab	Harvesting	Good (better than normal)	Not existed
	Saripul	Saripul	Saripul	Harvesting	Good (better than normal)	Not existed
		Sozmaqala	Sozmaqala	Harvesting	Normal	Not existed
	Faryab	Maimana	Maimana	Harvesting	Good (better than normal)	Not existed
	Samangan	Aibak	Aibak	Harvesting	Good (better than normal)	Not existed
		Dara Souf	Dara Souf	Grain filling	Good (better than normal)	Excessive weeds
Western	Badghis	Qalainow	Qalainow	Harvesting	Excellent	Not existed
		Muqur	Muqur	Harvesting	Excellent	Not existed
	Ghor	Chaghcharan	Chaghcharan	Grain filling	Normal	Not existed
	Hirat	Shindand	Shindand	Harvesting	Good (better than normal)	Not existed
		Zindajan	Zindajan	Harvesting	Good (better than normal)	Not existed
		Hirat	Falahat	Harvesting	Good (better than normal)	Not existed
		Hirat	Urdokhan	Harvesting	Good (better than normal)	Not existed
	Farah	Farah	Farah	Harvesting	Excellent	Not existed

Crop Stage, Crop Condition and Adverse Factor

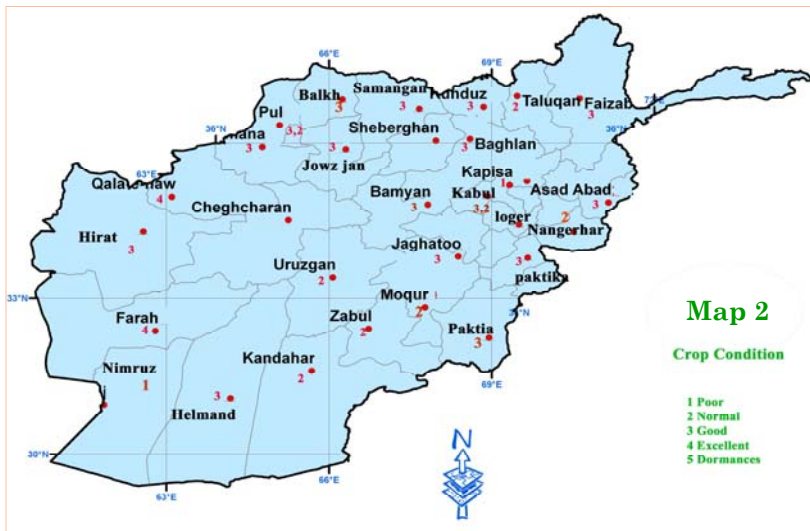
Zone	Province	District	Station	Maize Crop Stage	Crop Condition	Adverse Factor
Central	Kabul	Sarubi	Sarubi	Emergence	Not visible	Not seen
Eastern	Nangarhar	Agam	Agam	Planting	Not visible	Not seen
		Batikot	Ghaziabad	Planting	Not visible	Not seen
		Jalalabad	Sheshembagh	Planting	Not visible	Not seen
		Jalalabad	Farm Jadeed	Planting	Not visible	Not seen
	Konar	Asmar	Asmar	Planting	Not visible	Not seen
		Asadabad	Asadabad	Planting	Not visible	Not seen
Laghman	Mihtarlam	Mihtarlam	Planting	Not visible	Not seen	
Northeast	Takhar	Bangi	Bangi	Planting	Not visible	Not seen
		Taluqan	Taluqan	Planting	Not visible	Not seen
	Kunduz	Imam Sahib	Imam Sahib	Emergence	Not visible	Not seen
		Aqtipa	Aqtipa	Emergence	Not visible	Not seen
		Chardara	Chardara	Emergence	Not visible	Not seen
		Kunduz	Kunduz	Emergence	Not visible	Not seen
	Baghlan	Baghlan Jadid	Pozaishan	Emergence	Not visible	Not seen
	Badakhshan	Faizabad	Faizabad	Planting	Not visible	Not seen
South Eastern	Khost	Khost	Khost	Emergence	Not visible	Not seen
		Shimal	Shimal	Emergence	Not visible	Not seen
		Ali Sher	Ali Sher	Emergence	Not visible	Not seen
	Paktai	Gardiz	Rohani Baba	Planting	Not visible	Not seen
		Gardiz	Tera	Planting	Not visible	Not seen
	Paktika	Urgon	Urgon	Planting	Not visible	Not seen
		Sharana	Sharana	Planting	Not visible	Not seen
Khairkot		Khairkot	Planting	Not visible	Not seen	
Southern	Kandahar	Kandahar	Kandahar	Planting	Not visible	Not seen
	Zabul	Qalat	Qalat	Planting	Not visible	Not seen
	Urozgan	Trinkot	Trinkot	Planting	Normal	Not existed
	Hilmand	Nad Ali	Nad Ali	Emergence	Not visible	Not seen
		Greshk	Greshk	Emergence	Not visible	Not seen
		Nawa	Nawa	Emergence	Not visible	Not seen
Lashkargah		Bolan	Emergence	Not visible	Not seen	
North	Balkh	Dihdadi	Dihdadi	Emergence	Not visible	Not seen
		Nahrishahi	Nahrishahi	Emergence	Not visible	Not seen
	Jawzjan	Sheberghan	Sheberghan	Planting	Not visible	Not seen
		Darzab	Darzab	Planting	Not visible	Not seen
	Saripul	Saripul	Saripul	Planting	Not visible	Not seen
		Sozmaqala	Sozmaqala	Planting	Not visible	Not seen
	Faryab	Maimana	Maimana	Planting	Not visible	Not seen
	Samangan	Aibak	Aibak	Planting	Not visible	Not seen
Dara Souf		Dara Souf	Planting	Not visible	Not seen	
Western	Badghis	Qalainow	Qalainow	Planting	Not visible	Not seen
	Hirat	Shindand	Shindand	Emergence	Not visible	Not seen
		Hirat	Urdokhan	Emergence	Not visible	Not seen
	Farah	Farah	Farah	Emergence	Not visible	Not seen

Crop Stage, Crop Condition and Adverse Factor, Maps

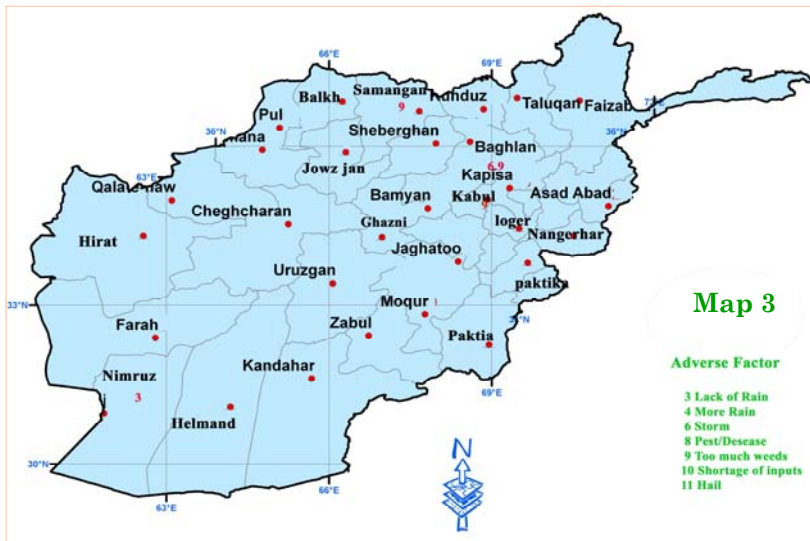
Wheat Crop Stage - June 2009



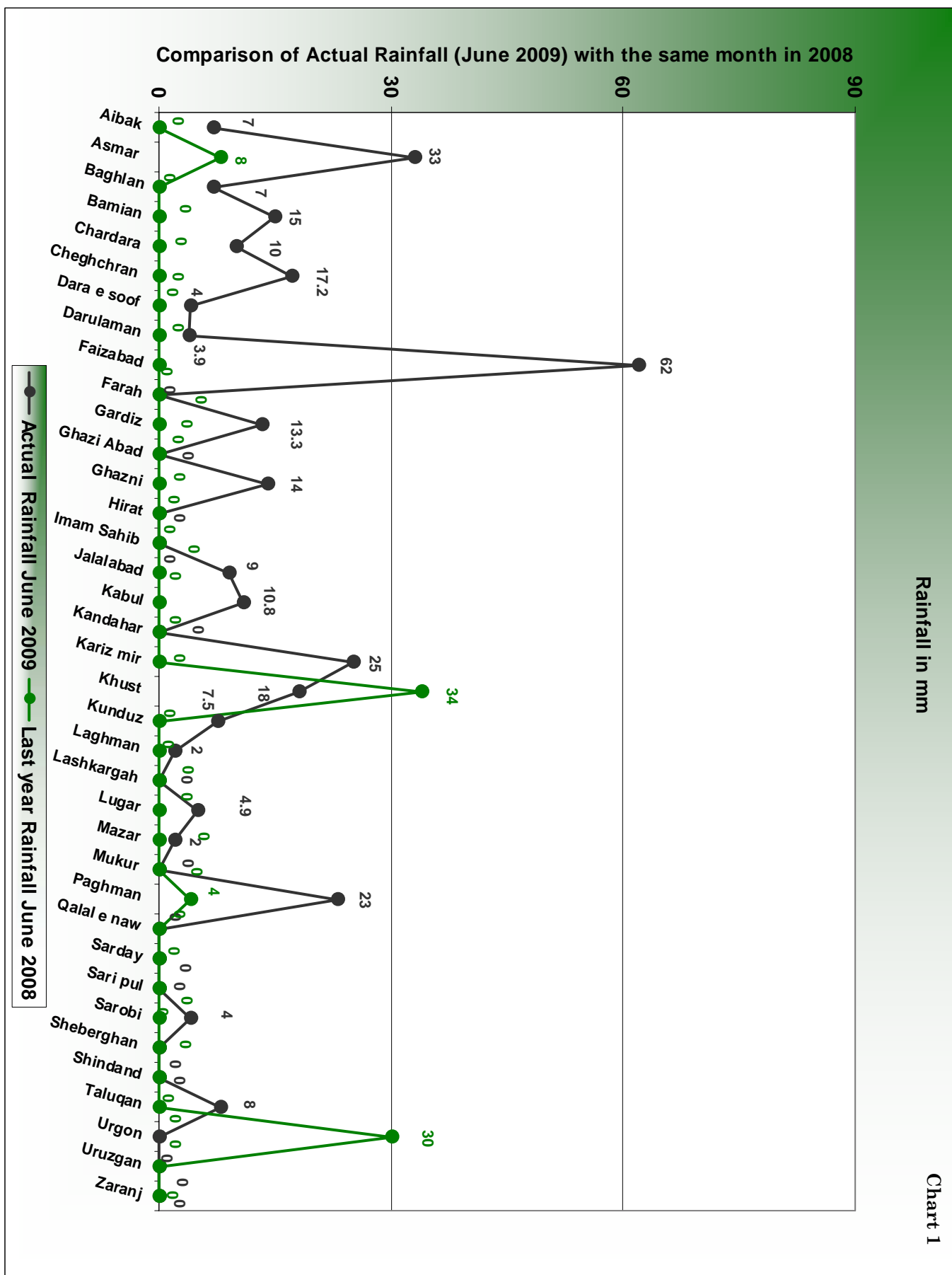
Wheat Crop Condition - June 2009



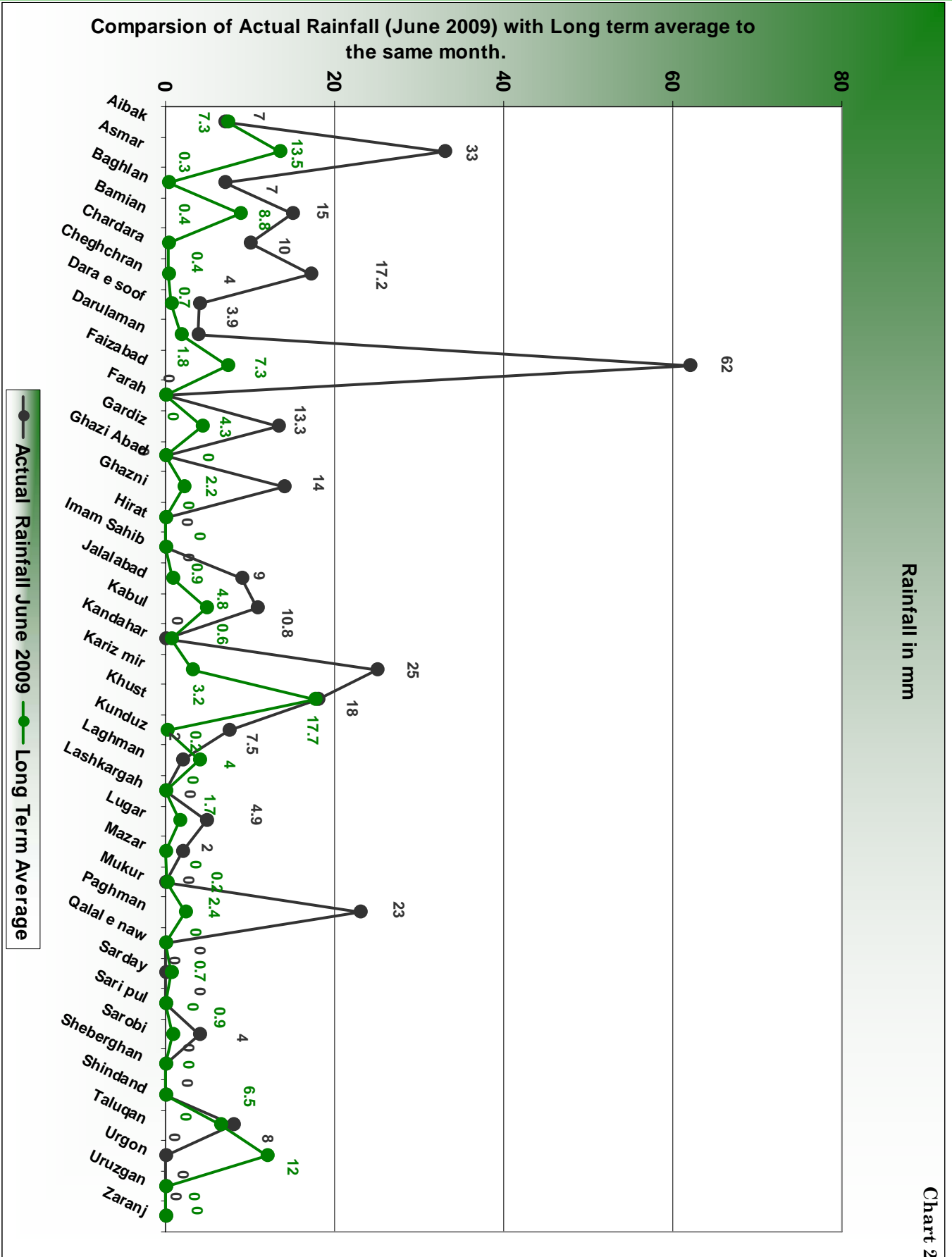
Wheat - Adverse Factor June 2009



Rainfall Graphs for the Month of June 2009



Rainfall Graphs for the Month of June 2009

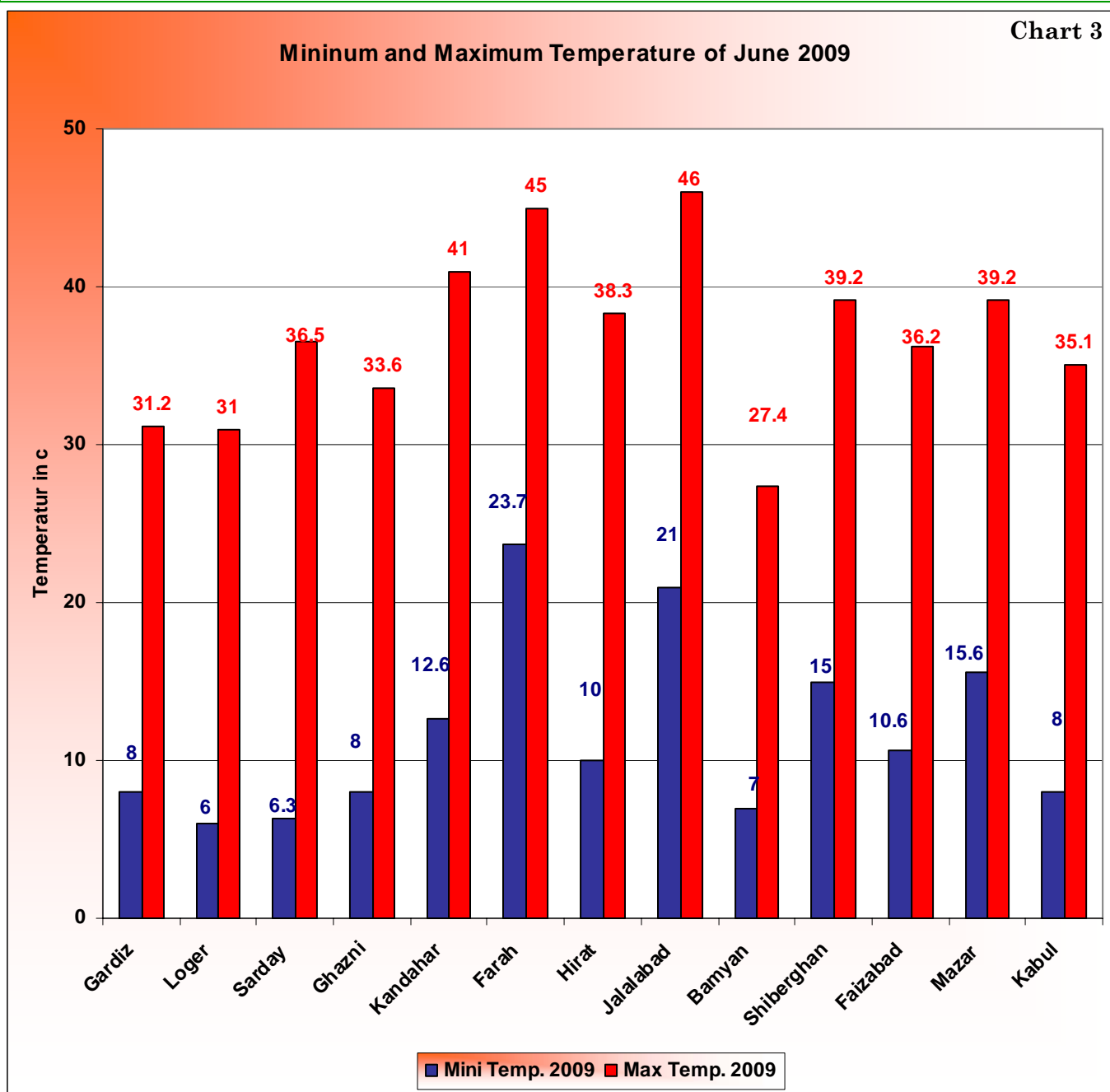


Rainfall for the Month of June 2009

Table 2

Name	Actual Rainfall June 2009	Last year Rainfall June 2008	Long Term Average
Aibak	7	0	7.3
Asmar	33	8	13.5
Baghlan	7	0	0.3
Bamian	15	0	8.8
Chardara	10	0	0.4
Cheghchran	17.2	0	0.4
Dara e soof	4	0	0.7
Darulaman	3.9	0	1.8
Faizabad	62	0	7.3
Farah	0	0	0
Gardiz	13.3	0	4.3
Ghazi Abad	0	0	0
Ghazni	14	0	2.2
Hirat	0	0	0
Imam Sahib	0	0	0
Jalalabad	9	0	0.9
Kabul	10.8	0	4.8
Kandahar	0	0	0.6
Kariz mir	25	0	3.2
Khust	18	34	17.7
Kunduz	7.5	0	0.2
Laghman	2	0	4
Lashkargah	0	0	0
Lugar	4.9	0	1.7
Mazar	2	0	0
Mukur	0	0	0.2
Paghman	23	4	2.4
Qalal e naw	0	0	0
Sarday	0	0	0.7
Sari pul	0	0	0
Sarobi	4	0	0.9
Sheberghan	0	0	0
Shindand	0	0	0
Taluqan	8	0	6.5
Urgon	0	30	12
Uruzgan	0	0	0
Zaranj	0	0	0

Average Temperature for the Month of June 2009



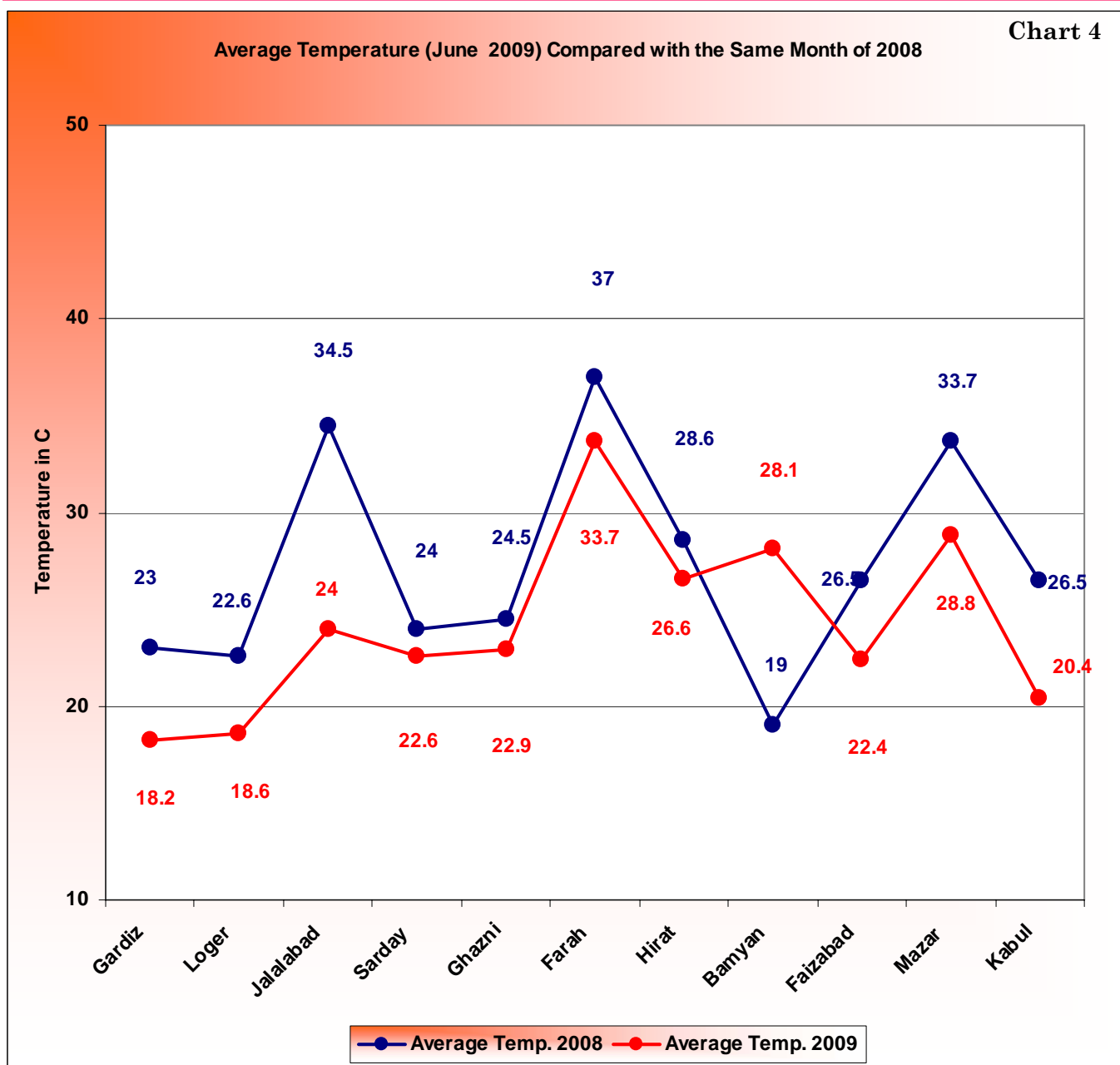
Jalalabad with 46 C⁰ was the warmest spot in the country during the month of June 2009

Chart (3) shows maximum and minimum temperatures for the month of June 2009 around the country, where Jalalabad with 46 C⁰ was the warmest spot of the country in June 2009.

warmest spot of the country in June 2009.

Logar with 6 C⁰ experienced lowest temperature.

Temperature for the Month of June 2009



Temperature for the month of June 2009 was lower compared to the same month of in 2008 around the country.

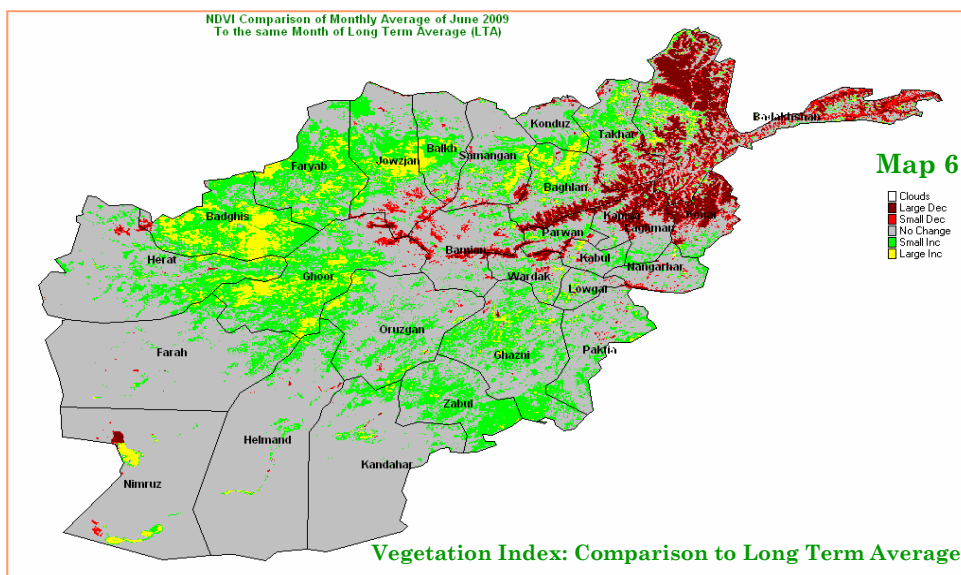
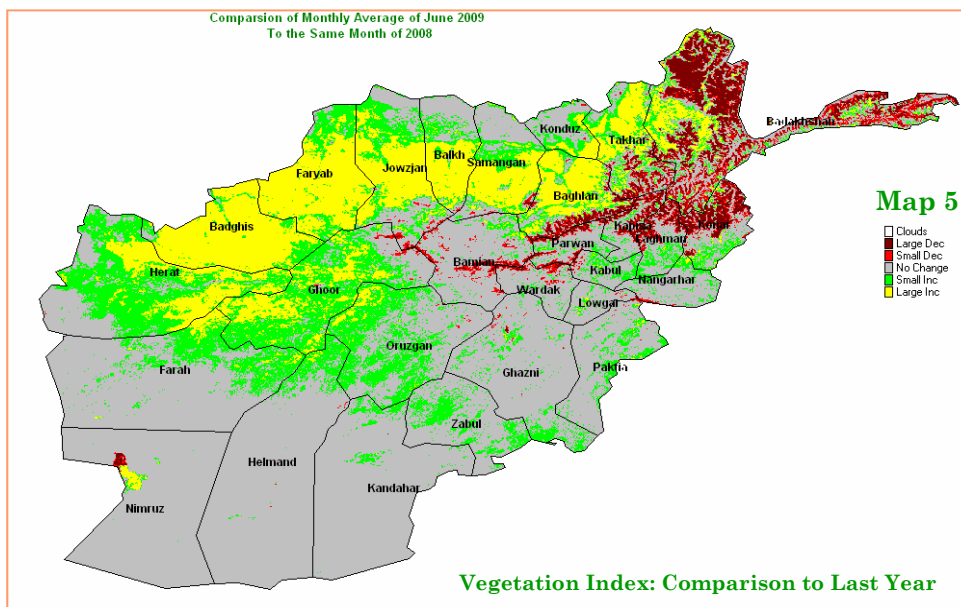
Temperature for the month of June 2009 was lower compared to the same month in 2008 around the country.

Comparison of monthly average temperature for the month of June 2009 with the same month in 2008 chart(4) shows a decrease of temperature during the month of June 2009 over the same

month of last year all over the country so, temperature remained slightly colder than last year.

Temperature had negative departure in most stations except in Banyan where temperature was higher compared in June 2008. Temperature departure was 2 – 10 ° C in most stations.

Comparison of NDVI June 2009



NDVI: June 2009

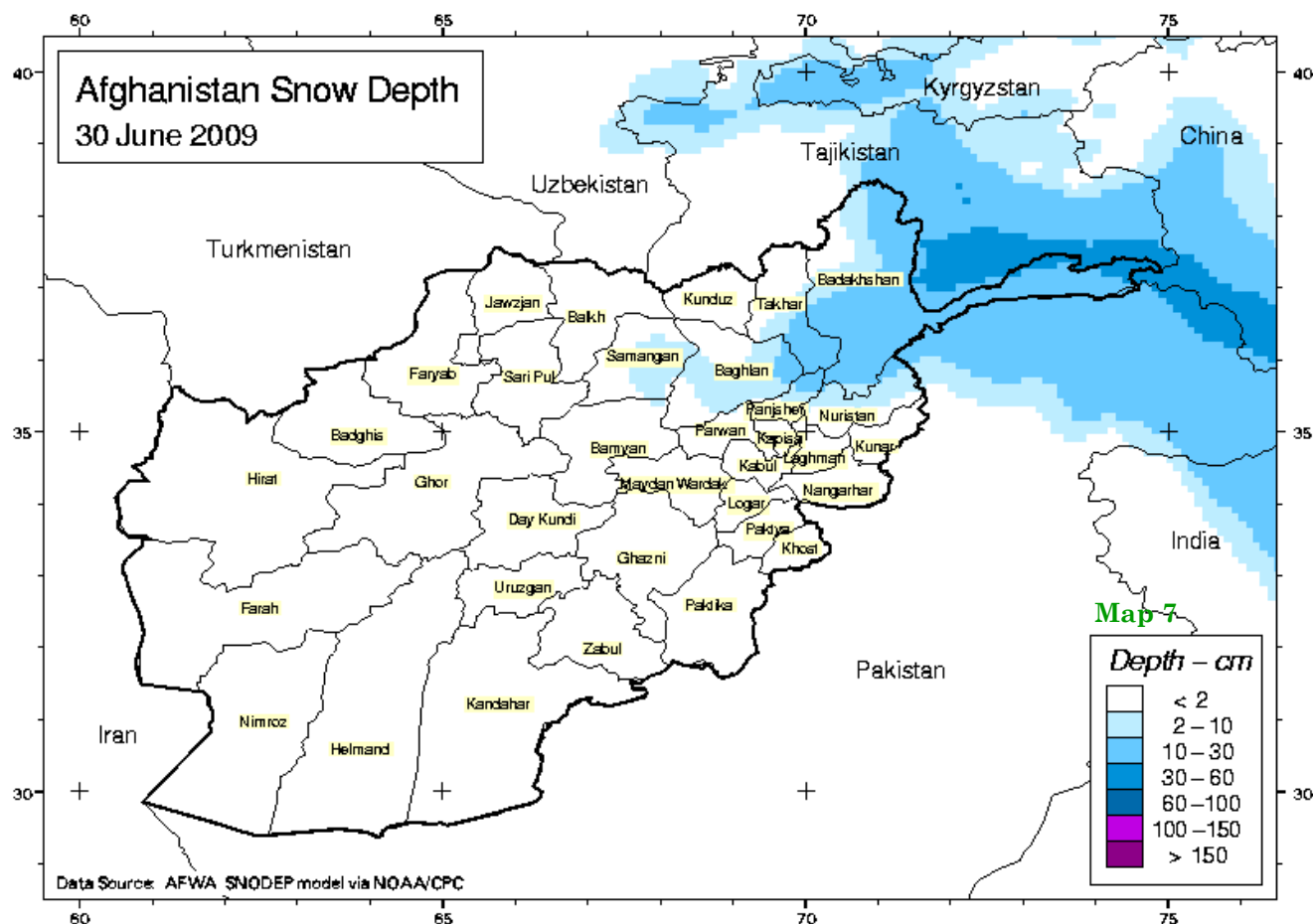
Comparison of monthly average of NDVI for the month of June 2009 with the same month in 2008 map(5) shows large increase of NDVI in the Northern region and Northwestern region during the month of June 2009 compared to the same month of last year, small increase occurred in NDVI value in some parts of the Central Highlands in above mentioned period.

Large decrease occurred in NDVI in the Northeastern region and some parts in the Eastern region during the month of June 2009 over the same month of last year. There is no change of NDVI in the Southeastern region, Southern and Southwestern regions during the month of June 2009 compared to the same month of last year.

Comparison of monthly average of NDVI value for the month of June 2009 with the same month of long term average map(6) shows small increase of NDVI in the Northern region, Northwestern, Western parts of the Central Highlands and some parts of the Southeastern region during the month of June 2009 over the same month of log term average.

There is no change of NDVI value in the Southern and Southwestern regions during the month of June 2009 compared to the same month of long term average.

Afghanistan Snow Depth for the of June 2009



During the winter months an usually deep snow pack built up. As temperature began to warm during the spring, the snow began to melt, and snow pack now remained confined to the higher elevations of the Northeast, as

typically for this time of year. Map (7) shows the remaining snow pack in the Northeast region in the end of June where the snow depth has been recorded 10 – 30 cm.

For more information please contact:

Name	Position	Cell	Email Address
Abdul Qadir Qadir	Director of AMA	0799-315843	afghanistan_met_authority@hotmail.com
Naseer Ahmad Fayez	Deputy Project Manager	0700-476311	Naseer.fayez@mail.gov.af

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