



**Ministry of Humanitarian Affairs  
Humanitarian Aid Commission(HAC)**

**Early Warning & Emergency Information Center  
(EWIC)**

**2010**

**Flood Watch Update**

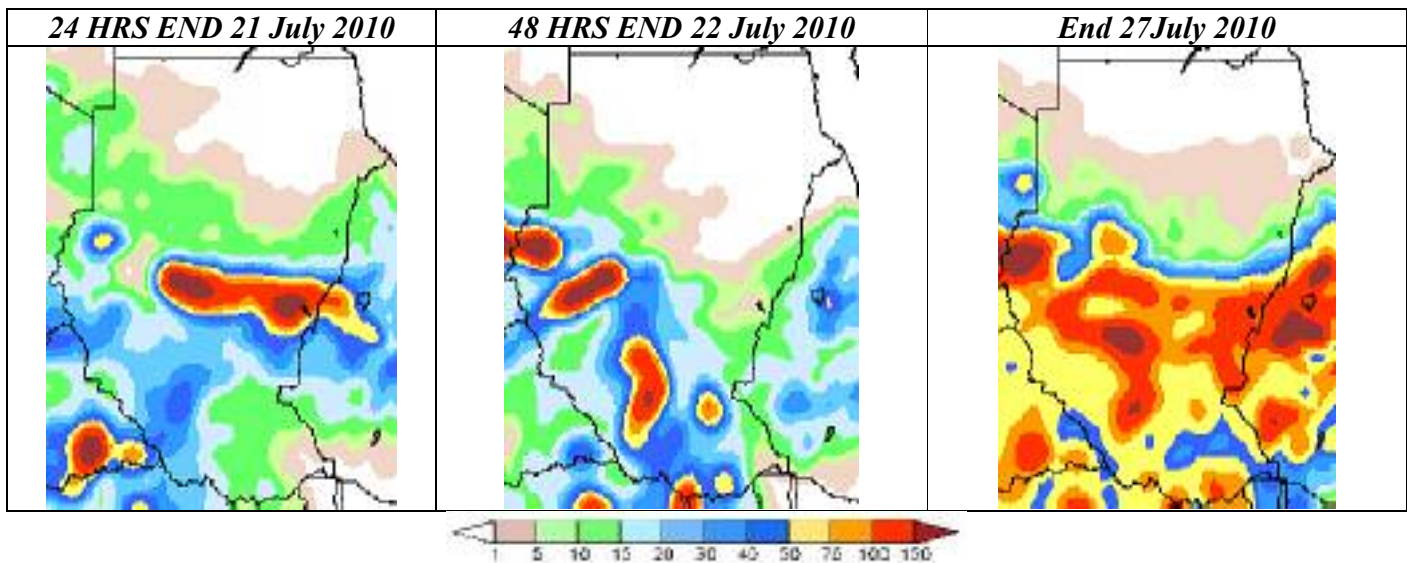
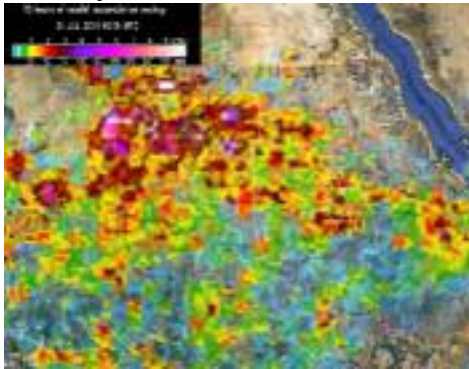
*Date 21/7 /2010*

*Page 5 # 2*

**Rainfall outlook 21 -27 July 2010:**

**Alarming situation allover the country: heavy rains expected**

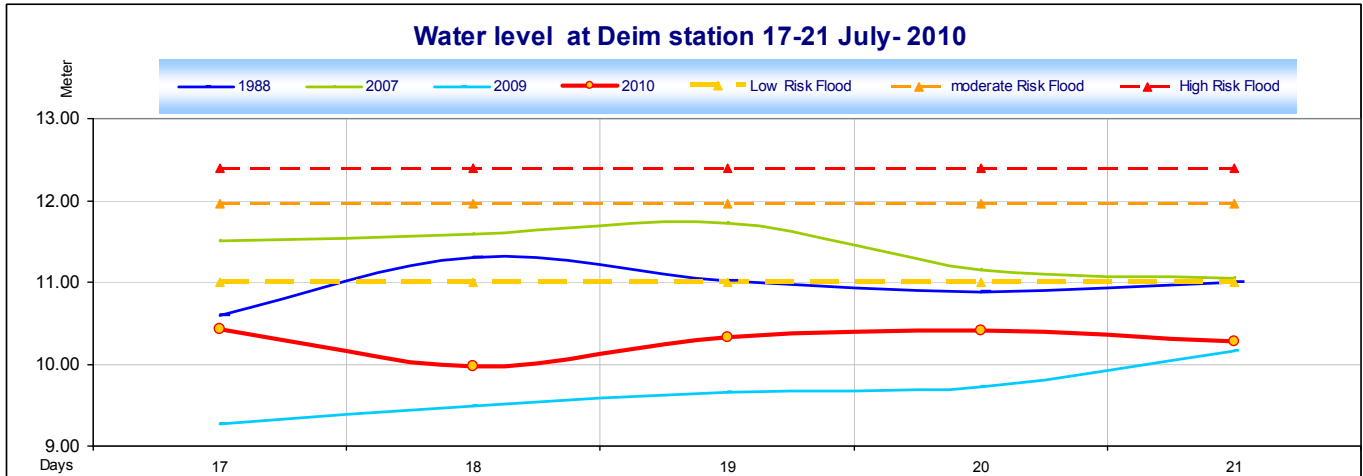
Information derived from the rainfall models in the coming 6 days, the seasonal rainfall activity continued to Be alarming allover the country. Bearing systems are expected to have strength across much of seasonal rain benefiting areas of the country. In association with this, Northern states, Greater Darfur, Greater Kordofan, Central parts of Sudan including Gezera, Sinnar, Blue Nile, white Nile and Gedaref state are expected to have heavy falls at places. Moreover, southern half of the country will get widespread rain showers. Seasonal water courses, Wadies and Khorse originated from the direct rains and flows during the rainy season are expected to endanger local communities and around the water courses causing a serious losses in lives and properties. Khor Abu Habil, Khor Baraka and Gash are the main streams endangering communities living in areas along the streams. Concern authorities have to take urgent necessary action to contain and manage risks that may arise.



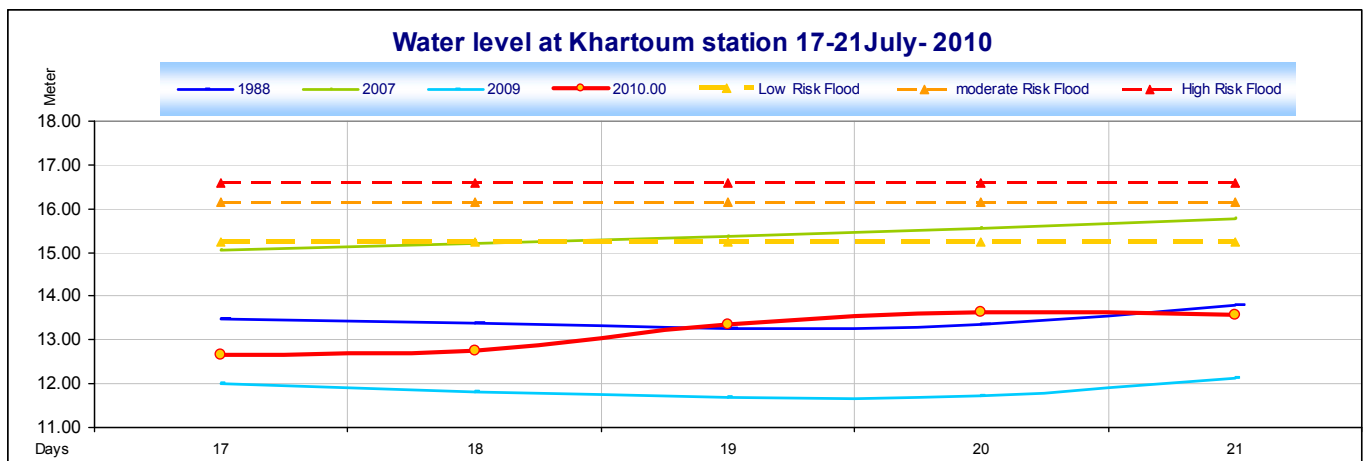
**Issued by: HAC Early Warning & Emergency Information Center in collaboration with the Ministry of Irrigation & Water Resources & Sudan Meteorological Authority (SMA)**

## River's Water Levels:

Though, the water level of the Blue Nile is gradually arising, reading of 21st July at Deim station is 72 cm below the low risk level, indicating situation is under control along the Blue Nile and the Main Nile. EWIC in collaboration with the Ministry of Irrigation and Water Resources will continue updating the water levels along the River Nile system covering from 6- 8 station.

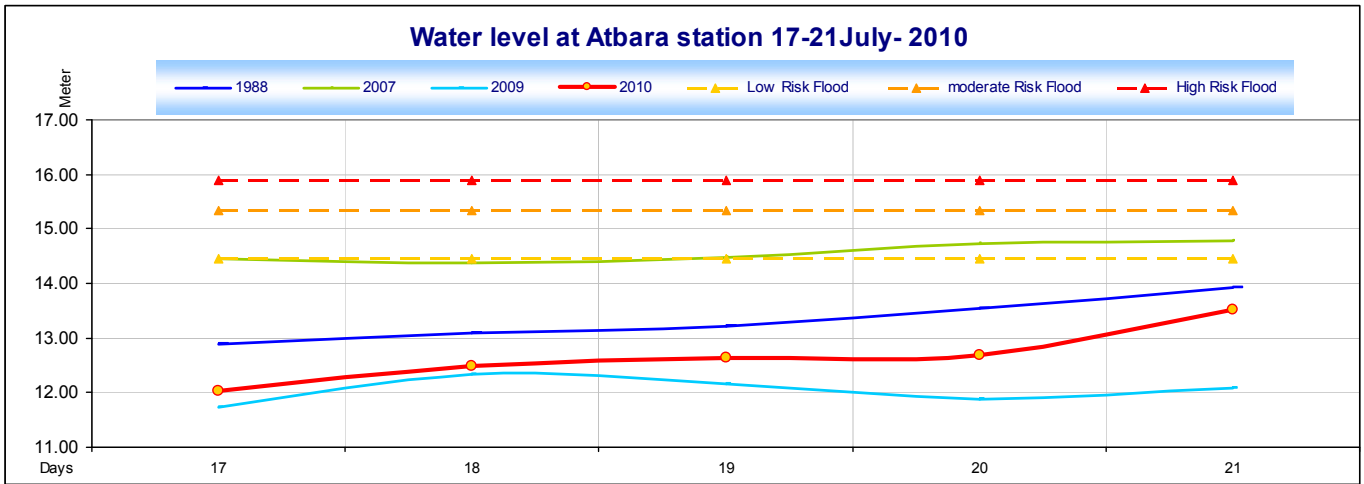


days	deviation from readings of the last three days			deviation from the minimum risk levels		
	Previous day	2010-2009	2010-1988	Low Risk	Moderate Risk	High Risk
19-Jul	0.35	0.68	-0.69	-0.67	-1.62	-2.07
20-Jul	0.09	0.69	-0.47	-0.58	-1.53	-1.98
21-Jul	-0.14	0.12	-0.72	-0.72	-1.67	-2.12

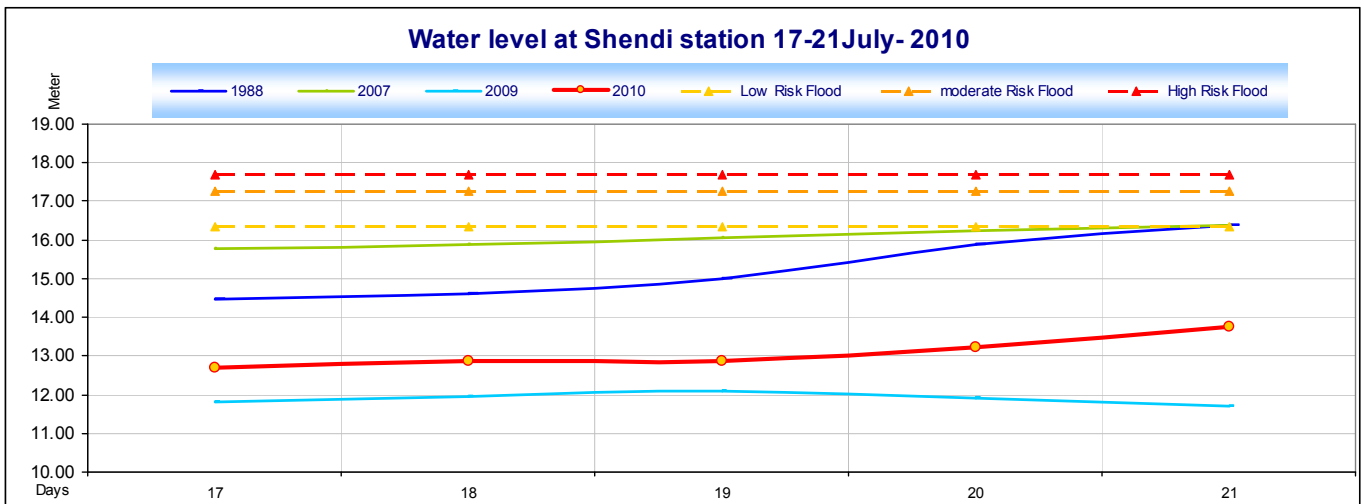


days	deviation from readings of the last three days			deviation from the minimum risk levels		
	Previous day	2010-2009	2010-1988	Low Risk	Moderate Risk	High Risk
19-Jul	0.1	0.94	-0.64	-2.49	-3.39	-3.84
20-Jul	0.6	1.67	0.1	-1.89	-2.79	-3.24
21-Jul	0.27	1.92	0.29	-1.62	-2.52	-2.97

**Issued by: HAC Early Warning & Emergency Information Center in collaboration with the Ministry of Irrigation & Water Resources & Sudan Meteorological Authority (SMA)**

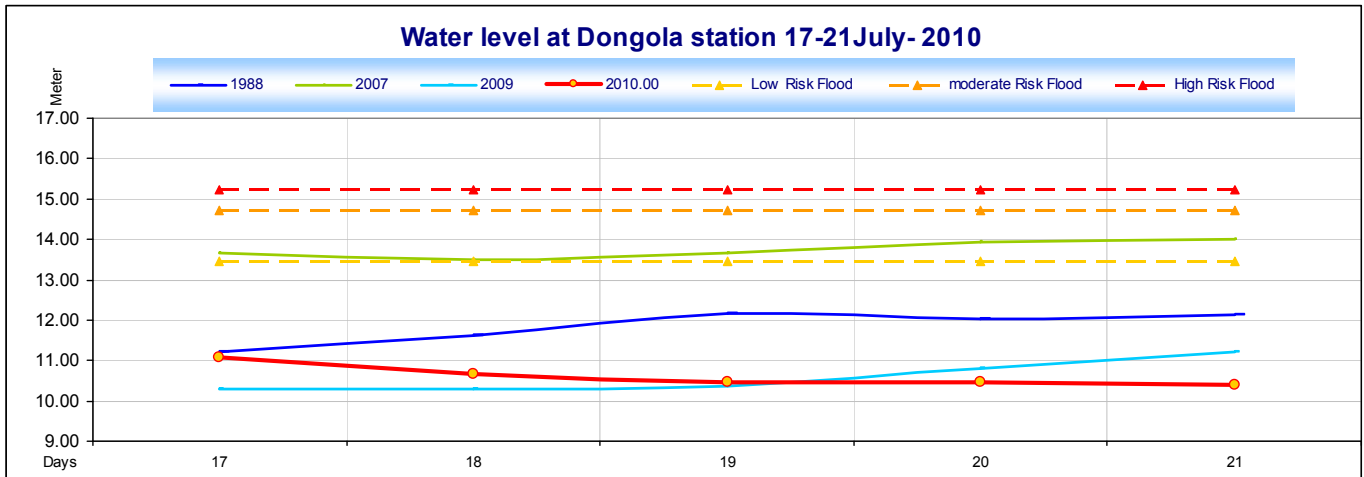


days	deviation from readings of the last three days			deviation from the minimum risk levels		
	Previous day	2010-2009	2010-1988	Low Risk	Moderate Risk	High Risk
19-Jul	0.17	0.48	-0.58	-1.8	-2.68	-3.23
20-Jul	0.03	0.8	-0.86	-1.77	-2.65	-3.2
21-Jul	0.85	1.44	-0.39	-0.92	-1.8	-2.35

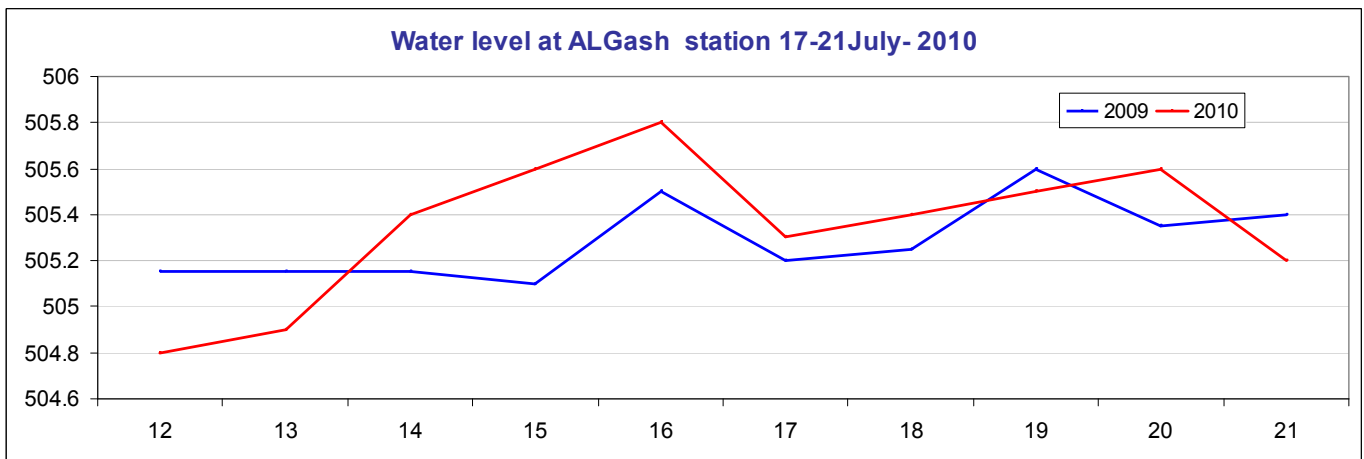


days	deviation from readings of the last three days			deviation from the minimum risk levels		
	Previous day	2010-2009	2010-1988	Low Risk	Moderate Risk	High Risk
19-Jul	0.02	0.78	-2.12	-3.47	-4.37	-4.82
20-Jul	0.36	1.34	-2.64	-3.11	-4.01	-4.46
21-Jul	0.52	2.06	-2.62	-2.59	-3.49	-3.94

**Issued by: HAC Early Warning & Emergency Information Center in collaboration with the Ministry of Irrigation & Water Resources & Sudan Meteorological Authority (SMA)**



days	deviation from readings of the last three days			deviation from the minimum risk levels		
	Previous day	2010-2009	2010-1988	Low Risk	Moderate Risk	High Risk
19-Jul	-0.21	0.12	12.15	-3	-4.25	-4.75
20-Jul	-0.01	-0.35	12.02	-3.01	-4.26	-4.76
21-Jul	-0.06	-0.82	12.14	-3.07	-4.32	-4.82



**Issued by: HAC Early Warning & Emergency Information Center in collaboration with the Ministry of Irrigation & Water Resources & Sudan Meteorological Authority (SMA)**