MOST IMMEDIATE / BY FAX



F.2 (E)/2024-NDMA (MW/SITREP-45) Government of Pakistan Prime Minister's Office National Disaster Management Authority (HQ) Main Murree Road Near ITP Office, Islamabad



Dated: 14 August 2024

Subject: NDMA - Monsoon 2024 Daily Situation Report No. 45

NDMA Monsoon 2024 Daily Situation Report No **45**, covering period from **1300 hours 13 August to 1300 hours 14 August 2024** is enclosed for information / necessary action, please.

(Hammad Sadiq Rana) (Director (Response)

Tel No: 051-9030924 Fax No: 051-9030729

To: Federal Ministries & Departments (Interior, Planning, Food Security & Research, National Health Services, Information & Broadcasting, Climate Change, Pakistan Railways, Communications, Energy & Water Resources, Finance, Information and Broadcasting (MOIB), Press Information Department (PID), Economic Affairs Division

Chief Secretaries, Provincial Governments, GB and AJ&K

Director Generals, PDMAs, GBDMA SDMA

Director Generals, Rescue 1122 (Punjab, Sindh, Balochistan, KP, GB & AJ&K)

Director General, Climate Change and Coastal Development, Government of Sindh

Director General, Sindh Coastal Development Authority, Karachi

Director General, Balochistan Coastal Development Authority

Chairman, National Highway Authority, Islamabad

Inspector General, National Highways& Motorway Police, Islamabad

Chairman, Pakistan Telecommunications Authority, Islamabad

Chairman, Federal Flood Commission, Islamabad

Chairman, Pakistan Tourism Development Corporation, Islamabad

Managing Director, National Transmission & Dispatch Corporation, Lahore

Principal Information Officer, Press Information Department, Islamabad

Commissioner Islamabad

Headquarters, Pakistan Maritime Security Agency, Karachi

Deputy Commissioner Islamabad

Joint Crises Management Cell, Joint Staff Headquarters, Chaklala Cantt

Staff Duties Directorate (SD Coord), General Headquarters, Rawalpindi

Military Operations Directorate (MO-4), General Headquarters, Rawalpindi Cantt

Engineer Directorate (Arms Branch), General Headquarters, Rawalpindi Cantt

ACNS (Operations), Naval Headquarters, Islamabad

ACAS (Operations), Air Headquarters, Islamabad

Headquarters, Frontier Works Organization (FWO), Rawalpindi

GSO-1, Inter Services Public Relations, General Headquarters, Rawalpindi Cantt

Directorate General, Inter-Services Intelligence (ISI), Islamabad

Headquarters, Pakistan Coast Guards, Karachi

Divisional Superintendent, Pakistan Railways Karachi

Cc: Secretary to Prime Minister, Prime Minister's Office, Islamabad

Secretary, Cabinet Division, Islamabad

ID: PRO, DD (ICT

MONSOON 2024 DAILY SITUATION REPORT NO - 45

(PERIOD COVERED: 1300 HOURS 13 AUGUST 2024 TO 1300 HOURS 14 AUGUST 2024)

1. Casualties and Injuries (Last 24 hours)

a. **Deaths**

Province / Region	District		Dea	ths		Remarks
		M	F	C	Т	
Balochistan	-	0	0	0	0	
KP	Haripur	0	0	1	1	Structural Collapse (Roof Collapse)
Punjab	-	0	0	0	0	
Sindh	-	0	0	0	0	
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
ICT	-	0	0	0	0	
Tot	al	0	0	1	1	

b. **Injuries**

Province / Region	District		Inju	ıres		Remarks
		M	F	С	Т	
Balochistan	-	0	0	0	0	
KP	Haripur	0	1	3	7	Structural Collapse
	Mohmand	1	0	2	7	(Roof Collapse)
Punjab	-	0	0	0	0	
Sindh	-	0	0	0	0	
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
ICT	-	0	0	0	0	
Total		1	1	5	7	

2. <u>Damage of Infrastructure & Private Properties (Last 24 hours)</u>

a. Houses Damage and Livestock Perished

Province /	District	Ηοι	ise Dama	age	Livestock
Region		Partial	Full	Total	
Balochistan	-	0	0	0	0
	Haripur	1	0		0
KP	Mohmand	3	1	18	0
	Swabi	13	0		0
Punjab	-	0	0	0	0
Sindh	-	0	0	0	0
Gilgit Baltistan	-	0	0	0	0
AJ&K	-	0	0	0	0
СТ	-	0	0	0	0
	Total	17	1	18	0

b. Roads, Bridges and Other Infrastructure Damaged in Last 24 hours:-

		R	oads / T	racks			Bridg	е	
Province / Region	District	Length of road damage (Kms)	Nature/extent of damage (fully/partially washed away/water over flow)	Traffic situation (Alternate route/ diversion available)	Number of bridge	Type of bridge	Length of bridge	Nature/ Extent of Damage fully/ partially washed away/ water over flow)	Traffic situation (Alternate route diversion available)
Balochistan	-	-	-	-	-	-	-	-	-
KP	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-	-	-
Gilgit Baltistan	-	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-

3. <u>Cumulative Casualties - Deaths / Injuries (From 1300 Hours 1 July 2024 to 1300 Hours 14 August 2024)</u>:-

Province		De	aths		Injured					
/Region	M	F	С	Т	M	F	С	Т		
Balochistan	7	0	6	13	0	1	7	8		
KP	22	12	28	62	37	27	47	111		
Punjab	17	14	34	65	59	51	63	173		
Sindh	10	4	17	31	4	3	6	13		
Gilgit Baltistan	1	0	3	4	0	0	1	1		
AJ&K	0	0	5	5	8	3	5	16		
ICT	0	0	0	0	0	0	0	0		
Total	57	30	93	180	108	85	129	322		

4. <u>Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 14 August 2024)</u>:-

Province / Region	Roads	Bridges	Но	use Dam	age	Livestock
	(Kms)		Partial	Full	Total	
Balochistan	31	6	243	122	365	75
KP	0	6	544	211	755	139
Punjab	0	0	122	100	222	39
Sindh	0	0	495	222	717	36
Gilgit Baltistan	1.240	13	77	54	131	50
AJ&K	0.203	3	50	18	68	3
ICT	0	0	0	0	0	10
Total	32.443	28	1531	727	2258	352

5. **Road Situations**. - NTR.

6. Flood Relief Activities (Last 24 hours)

Province/ Region	Tents	Ration Bags	Blankets	Quilts	Net Mosquito	Plastic Mats	Mattress	Sleeping Bags/ Mats	Kitchen Sets	Hygiene Kits	First Aid Kits	Jerry can	Tarpaulin	Gas Cylinder	Water Cooler	Gabions	Sand bags
Balochistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Punjab	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sindh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gilgit Baltistan	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AJ&K	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ICT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NTR.

a. Relief Camps Established.

b. Rescue Operations

(1) **Employment of Boats**. NTR.

(2) Employment of Aviation Assets. NTR.

(3) Relief Activities in Last 24 hours. NTR.

7. <u>Cumulative Flood Relief Activities (From 1300 Hours 1 July 2024 to 1300 Hours 14 August 2024)</u>:-

a. Cumulative State of Relief Camps Established by PDMAs/SDMA/GBDMA:-

Description	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ІСТ	Total
No of Medical Camp	2	0	42	1	0	0	0	45
No of Persons Treated	950	0	3041	0	0	0	0	3991
No of Relief Camps	0	0	40	1	0	0	0	41
No of Person in Relief Camp	0	0	49	0	0	0	0	49
Cooked Food	0	0	600	0	0	0	0	600

b. <u>Cumulative State of Rescue Operations (From 1300 Hours 1 July 2024 To 1300 Hours 14 August 2024) by PDMAs/SDMA/GBDMA:-</u>

Description	Balochistan	КР	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
No of Persons Transported	0	0	2518	1500	0	0	0	4018

Description	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
No of Persons Evacuated / Rescued	281	0	0	1524	0	0	0	1805
Animals Transported	0	0	921	0	0	0	0	921
Animal Vaccinated	0	0	42946	0	0	0	0	42946
Boats Deployed	0	0	68	0	0	0	0	68
Life Jackets	0	0	509	0	0	0	0	509

- (1) **Employment of Boats**. NTR.
- (2) **Employment of Aviation Activates**. NTR.
- (3) <u>Cumulative Relief Activities by PDMAs/SDMA/GBDMA (From 1300</u> Hours 1 July 2024 to 1300 Hours 14 August 2024):-

Relief Items	Balochistan	КР	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
Tents	0	45	1862	300	104	9	0	2320
Ration Bags	0	51	0	0	260	0	0	311
Blankets	0	57	0	0	325	0	0	382
Quilts	0	0	0	0	5	0	0	5
Net Mosquito	0	0	0	800	0	0	0	800
Plastic Mats	0	44	0	0	96	0	0	140
Mattress	0	34	0	0	0	0	0	34
Sleeping Bags	0	0	0	0	30	0	0	30
Kitchen Sets	0	26	0	0	52	0	0	78
Hygiene Kits	0	0	0	0	30	0	0	30
First Aid Kits	0	0	0	0	0	0	0	0
Jerry can	0	0	0	100	0	0	0	100
Tarpaulin	0	0	0	0	52	0	0	52
Gabions	0	0	0	0	80	0	0	80
Sand Bags	0	0	0	0	500	0	0	500
Gas Cylinder	0	17	0	0	0	0	0	17
Water Cooler	0	17	0	0	0	0	0	17

8. <u>Dams and Reservoirs Level</u>

Attached at **Annex A**.

9. Flood Alert / River Flows

- Attached at **Annex B**.
- 10. Flood / Base Flow Data Obtained from India. -
- Attached at **Annex C**.
- 11. Rainfall Recorded During Last 24 Hours (0800-0800 hours each day). Attached at Annex D.
- 12. **FFD Discharge Report Recorded at 14 August 2024 12:00 PST**. Attached at **Annex E**.

Note:

SITREP data is preliminary as provided by respective PDMAs / GBDMA / SDMA / ICT Administration, Govt Depts and is subject to change.



GOVERNMENT OF PAKISTAN PAKISTAN METEOROLOGICAL DEPARTMENT FLOOD FORECASTING DIVISION

46-JAIL ROAD LAHORE-54000

Dated: - 14th August, 2024 Time: - 11:20 hours (PST)

I: WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS:

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	RESERVOIR (FEET) at (0)	
INDUS	Scattered thunderstorm rain	Isolated thunderstorm rain (Rawalpindi Division)	TARBELA	2202000
JHELUM	-do-	-do- (Sargodha Division)	Current: Max. Conservation:	1547.00 1550.00 97.0%
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current:	1210.90
RAVI	-do-	-do- (Lahore Division)	Max Conservation: Live Storage	1242.00 68.2%
SUTLEJ	-do-	-do- (Bahawalpur Division)		

II: QUANTITATIVE FLOOD FORECAST OF GAUGING STATIONS (IN THOUSANDS OF CUSECS)

RIVERS	Stations	Design Capacity	Actual Observations at 0600 PST		Quantitative	Qualitative Forecasted Flood	Max Flood Peaks (In Thousands of Cusecs)		
			Inflow	Outflow	24-hrs (Inflow)	Level (Inflow)	Historical		Flood Season 202
INDUS	Tarbela	1500	270.0	254.5	250-270	Low	832.0	(2010)	350.0
	Kalabagh	950	298.7	290.7	290-310	-do-	950.0	(1942)	401.7
	Chashma	950	323.0	307.9	310-330	-do-	1038.9	(2010)	432.7
	Taunsa	1100	344.1	318.1	345-370	-do-	960.0	(2010)	442.2
	Guddu	1200	422.0	392.4	390-420	Medium	1199.7	(1976)	431.3
	Sukkur	1500	393.0	350.5	380-395	-do-	1166.6	(1986)	393.0
	Kotri	875	189.4	149.3	190-200	Below Low	980.3	(1956)	189.4
KABUL	Nowshera		57.4	57.4	50-60	-do-	391.3	(1990)	114.2
JHELUM	Mangla	1060	22.0	10.0	20-40	-do-	1090.0	(1992)	114.6
	Rasul	850	4.0	0.0	No Sig. change	-do-	952.2	(1992)	66.1
CHENAB	Marala	1100	64.7	47.4	70-100	Low	1100.0	(1957)	136.5
OHEHAD	Khanki	1100	62.1	53.9	No Sig. change	Below Low	1086.5	(1959)	102.4
	Qadirabad	807	54.4	36.4	-do-	-do-	948.5	(1992)	101.6
	Trimmu	645	68.4	54.9	-do-	-do-	944.0	(1928)	78.8
	Punjnad	700	48.6	35.8	-do-	-do-	802.5	(1973)	48.8
RAVI	Jassar	275	8.8	8.8	10-15	-do-	680.0	(1955)	33.9
	Shahdara	250	17.8	17.8	10-15	-do-	576.0	(1988)	24.8
	Balloki	225	53.1	24.4	50-60	Low	389.8	(1988)	53.1
	Sidhnai	150	20.1	7.9	No Sig. change	Below Low	330.2	(1988)	32.3
SUTLEJ	G.S. Wala		19.7	19.7	15-20	-do-	837.0	(1955)	19.7
	Sulemanki	325	17.3	6.3	No Sig. change	-do-	598.9	(1955)	46.2
	Islam	300	6.3	5.0	-do-	-do-	492.6	(1955)	10.6

Isolated= 20 to 30% of area Scattered= 30 to 50% of area | Widespread= 90 to 100% of area R= Rising, F= Falling

Note: Concerned Departments may contact FFD, Lahore for rectification up-dation (if any)

--sd/--(Shahid Abbas) Chief Meteorologist FFD Lahore



GOVERNMENT OF PAKISTAN PAKISTAN METEOROLOGICAL DEPARTMENT FLOOD FORECASTING DIVISION 46-JAIL ROAD LAHORE-54000

Dated: 14th August, 2024 Time: 11:20 hours (PST)

1. President Secretariat, Islamabad.

PM House, Islamabad. Federal Minister for Water Resources, Islamabad.

Governor (All Provinces).
 Chairman NDMA, Islamabad.
 Chief Minister (All Provinces).
 PM Secretariat, Islamabad.

Secretary, Aviation Division, Islamabad.
 Secretary, Ministry for Water Resources, Islamabad.
 Secretary, Ministry of Information, Islamabad.
 Secretary, Climate change, Islamabad.

Chairman NHA, Islamabad.
 Chief Secretary (All Provinces).

14.PDMA'S (D.G's All Provinces & A.JK). 15. Chairman, Federal Flood Commission, Islamabad.

Chairman, Federal Flood Commission, Islamabad.
 Chairman, Indus River System Authority, Islamabad.
 Chairman, PCRWR, Islamabad.

18. The Secretary General, Red Crescent, Islamabad. 19. Secretary, Irrigation Department, (All Provinces). 20. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi. 21. Pakistan Commissioner for Indus Waters (PCBV), Islamabad.

22. Chief Engineer, Mangla/Tarbela/Chashma. 23. Chief Engineer, Irrigation (All Provinces).

24. Chief Engineer, (All Barrages). 25. Chief Engineer, C.D.O. (Muzaffarabad). 26. All other concerned.

SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:

I: HYDROLOGICAL SITUATION at 0600 PST:

River Indus at Guddu and Sukkur is in **Medium** flood level while river Indus at Tarbela, Kalabagh, Chashma and Taunsa is in Low flood level.

During 15th to 17th August:

Medium to High level flows are expected in river Jhelum at Mangla Upstream and river Chenab at Marala, Khanki and Qadirabad along with Nullahs in the catchments of rivers Chenab and Ravi. Low to Medium level flows are expected in river Kabul at Nowshera and in river Indus at Tarbela along with hill torrents in DG Khan division and Nullahs in Sibbi, Nasirabad, Zhob and Kalat divisions.

II: METEOROLOGICAL FEATURES:

- Yesterday's trough of Strong Westerly Wave over northwest Iran today lies over northern parts of Iran.
- Yesterday's upper air cyclonic circulation over northeast Rajasthan move slightly Westwards, however it still lies over Northeast Rajasthan.
- Light to Moderate moist currents are penetrating the most parts of the country from Arabian Sea and Bay of Bengal up to 5000 feet.
- d) Seasonal Low lies over north Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorm rain of moderate intensity is expected over the upper catchments of all the major rivers. Isolated thunderstorm rain of moderate intensity is expected over Islamabad, Peshawar, Kohat, Bannu, DI Khan, Rawalpindi, Sargodha, Gujranwala, Lahore, Bahawalpur, DG Khan, Zhob, Sibbi, Nasirabad, and Kalat divisions.

IV: WEATHER OUTLOOK 15th to 17th August:

Scattered thunderstorm rain of moderate intensity with isolated **HEAVY** falls is expected over Faisalabad, Sahiwal, Multan, Bahawalpur, Zhob, Nasirabad, Sibbi and Kalat divisions along with Sindh.

Alert: Widespread Thunderstorm rain of MODERATE to HEAVY intensity with Isolated VERY HEAVY falls is expected over the upper catchments of rivers Indus and Jhelum along with Islamabad, Khyber Pakhtunkhwa & Rawalpindi and Gujranwala divisions. Scattered to widespread thunderstorm rain of moderate intensity with isolated HEAVY to VERY HEAVY falls is expected over the upper catchments of rivers Chenab, Ravi and Sutlej along with Sargodha, Lahore and DG Khan divisions.

V: RIVERS CATCHMENTS RAINFALL RECORDED (MM) DURING LAST 24-HRS (UPTO 0800 PST):

Indus: Buner=01, Risalpur=Trace.

Jhelum: Kotli=04, Tandali & Garhi Dopatta=Trace(each).

Chenab: -Nil-Ravi: -Nil-Sutlej: -Nil-

Others: Karachi (University Road) =01.

-sd/-(Shahid Abbas) Chief Meteorologist FFD Lahore

By Fax

Government of Pakistan Ministry of Water Resources Office of Pakistan Commissioner for Indus Waters Suharwardy Road, (Wapda Building), G-7/1, Islamabad.

FLOOD SEASON 2024 WEEKLY FLOOD/BASE FLOW DATA DATA AT (0600 HRS IST) REGARDING EASTERN RIVERS OBTAINED FROM INTERNET

Name of Dam		Full Reservoir Level (feet)	Live Storage Capacity at FRL (MAF)	Current Live Storage (MAF)	Current Reservoir Level (Feet)	Storage (%)	Storage last year (%)
i.	Bhakra Dam on River Sutlej	1680	5.050	2.344 08.08.2024	1615.37	46	80
ii.	Pong Dam on River Beas	1390	4.991	2.776 08.08.2024	1335.76	56	75
iii.	Thein Dam on River Ravi	1732	1.900	0,365 08.08.2024	1625.44	19	84

The data is being shared for flows information,

Dated: 9th Aug 2024

(ADNAN MUMAHAMMAD)

Deputy Commissioner for Indus Waters Tele: 051-9244674

Data source: www.bbmb.gov.in www.cwc.gov.in

Copy forwarded by Fax to:

- Secretary, Ministry of Water Resources, Islamabad.
- Chief Secretary, GilgitBaltistan, Gilgit.
- 3. Chief Secretary, Government of Azad Jammu and Kashmir, Muzaffarabad.
- Chief Secretary, Government of Punjab, Lahore.
- Chief Secretary, Government of Sindh, Karachi.
- 6. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
- Chief Secretary, Government of Balochistan, Quetta.
- 8. Secretary, Irrigation Department, Punjab, Lahore.
- Secretary, Irrigation Department, Sindh, Karachi.
- Secretary, Irrigation Department, Khyber Pakhtunkhwa, Peshawar.
- Secretary, Irrigation Department, Balochistan, Quetta.
- 12. Director General (Water), Ministry of Water Resources, Islamabad.
- Chairman, National Disaster Management Authority (NDMA), Islamabad.
- CEA/CFFC, Islamabad.
- Chairman, Indus River System Authority (IRSA), Islamabad.
- M.O. Directorate, G.H.Q, Rawalpindi.
- D.G. (Engrs), G.H.Q, Rawalpindi.
- 18. Engineers, 4-Corps, Lahore
- Engineers, 30-Corps, Gujranwala.
- 20. Relief Commissioner/Senior Member, Board of Revenue, Punjab, Lahore.
- D.G. (PDMA) Punjab, 40/A- Lawrence Road, Lahore.
- Chief Engineer (H&WM), Wapda House, Lahore.
- 23. XEN Irrigation, Marala Headwork.
- 24. XEN Irrigation, Kasur.
- 25. Director, Irrigation Department, Government of the Punjab, Lahore.
- Chief Meteorologist, F.F.D. 46-Jail Road, Lahore.
- 27. Office Incharge, F.W.C. 46-Jail Road, Lahore.

Annex – D



		10			T
Stations			and the same of th	Rainfall (mm)	
		Sin	dh		
Karachi (Met	Complex)			01	
		Khyber-Pak	khtunkhwa		
Bune	r	12		01	
		Kash	mir		
Garhidupatta	& Tandali		171	Trace	
		Pun	jab		
		NI	L		
		Baloch	istan		
		NI	L		
		Gilgit-B	altistan		
		NI	L		
	M	aximum Wi	nd Reported		
Station	Wind (kt)	Km/hr	Direction		Time (PST
Station	Trinu (Kt)			tion	Time (FST
		NI	10		
Ma	aximum Wat	er Level at N	Nullah Lai (Last 2	4 Hours)	
Station			Level (Feet)	Time (PST)	Flood Situation



FFD Discharge Report

Recorded at: 14-Aug-2024 12:00 PST

River	Site	Inflow		Outflow		
	Tarbela	270,000	-	254,800	Low	
	Kalabagh	312,819	~	304,819	Low	
	Chashma	326,083	~	311,003	Low	
Indus	Taunsa	355,181	~	329,181	Low	
	Guddu	421,983	→	392,354	MEDIUM	
	Sukkur	392,960	-	350,540	MEDIUM	
	Kotri	189,410	> 3 //	149,315	NORMA	
Kabul	Nowshera	54,900	~	54,900	NORMA	
Ukaliona	Mangla	22,000	-	10,000	NORMA	
Jhelum	Rasul	9,301	M	5,341	NORMA	
	Marala	89,876	~ /	72,526	NORMA	
	Khanki	63,009	M	54,870	NORMA	
Chenab	Q.Abad	53,058	W	35,058	NORMA	
	Trimmu	73,035	~	59,585	NORMA	
	Panjnad	48,579	10 m	35,769	NORMA	
	Jassar	6,602	>>	6,602	NORMA	
Davi	Shahdara	17,800	→	17,800	NORMA	
Ravi	Balloki	53,070	-	24,370	NORMA	
	Sidhnai	20,094	\rightarrow	7,894	NORMA	
	GS Wala	6,048	**	6,048	NORMA	
Sutlej	Sulemanki	17,314		6,252	NORMA	
	Islam	6,278	\rightarrow	5,028	NORMA	
DAM	Current	Level	Max Le	vel	Dead Level	
Tarbela Dan	1547.18	(+0.18)	1550))	1402	
Mangla Dam 1210.95		(+0.05)	1242		1050	