

MOST IMMEDIATE / BY FAX



F.2 (E)/2024-NDMA (MW/SITREP-17)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
Main Murree Road Near ITP Office, Islamabad



Dated: **17 July 2024**

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 17**

NDMA Monsoon 2024 Daily Situation Report No 17, covering period from **1300 hours 16 July to 1300 hours 17 July 2024** is enclosed for information / necessary action, please.

(Hammad Sadiq Rana)
(Director (Response))
Tel No: 051-9030924
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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 - 17
(PERIOD COVERED: 1300 HOURS 16 JULY 2024 TO 1300 HOURS 17 JULY 2024)

1. **Casualties and Injuries (Last 24 hours)**

a. **Deaths**

Province / Region	District	Deaths				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	-	0	0	0	0	
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	-	0	0	0	0	

b. **Injuries**

Province / Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	-	0	0	0	0	
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		0	0	0	0	

2. **Damage of Infrastructure & Private Properties (Last 24 hours)**

a. **Houses Damage and Livestock Perished**

Province / Region	District	House Damage			Livestock
		Partial	Full	Total	
Balochistan	-	0	0	0	0
KP	-	0	0	0	0
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		0	0	0	0

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

Province / Region	District	Roads / Tracks			Bridge				
		Length of road damage	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. Cumulative Casualties - Deaths / Injuries (From 1300 Hours 1 July 2024 to 1300 Hours 17 July 2024):-

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	2	0	0	2	0	0	0	0
KP	5	1	1	7	14	14	20	48
Punjab*	6	5	13	24	31	20	29	80
Sindh	4	0	4	8	3	0	0	3
Gilgit Baltistan	0	0	0	0	0	0	0	0
AJ&K	0	0	1	1	2	0	0	2
ICT	0	0	0	0	0	0	0	0
Total	17	6	19	42	50	34	49	133

4. Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 17 July 2024):-

Province / Region	Roads (kms)	Bridges	House Damage			Livestock
			Partial	Full	Total	
Balochistan	0	0	0	0	0	0
KP	0	1	55	27	82	31
Punjab	0	0	40	0	40	36
Sindh	0	0	0	13	13	16
Gilgit Baltistan	0.31	1	0	0	0	0
AJ&K	0	0	1	0	1	0
ICT	0	0	0	0	0	0
Total	0.31	2	96	40	136	83

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	Kitchen Sets	Hygiene Kits	First Aid Kits	Jerry can	Tarpaulin	Gas Cylinder	Water Cooler	Gabions	Sand bags
Balochistan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gilgit Baltistan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- a. **Relief Camps Established.** NTR.
- b. **Rescue Operations**
- (1) **Employment of Boats.** NTR.
- (2) **Employment of Aviation Assets.** NTR.
- (3) **Relief Activities in Last 24 hours.** NTR.

7. **Cumulative Flood Relief Activities (From 1300 Hours 1 July 2024 to 1300 Hours 17 July 2024):-**

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

Description	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
No of Medical Camp	0	0	2	0	0	0	0	2
No of Persons Treated	0	0	0	0	0	0	0	0
No of Relief Camps	0	0	0	0	0	0	0	0
Cooked Food	0	0	0	0	0	0	0	0

- b. **Cumulative State of Rescue Operations (From 1300 Hours 1 July 2024 To 1300 Hours 17 July 2024) by PDMAs/SDMA/GBDMA:-**

Description	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
No of Persons Transported	0	0	0	0	0	0	0	0
No of Persons Evacuated / Rescued	0	0	0	0	0	0	0	0
Animals Transported	0	0	0	0	0	0	0	0
Boats Deployed	0	0	0	0	0	0	0	0
Live Jackets	0	0	0	0	0	0	0	0

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

- (2) **Employment of Aviation Activates.** NTR.
- (3) **Cumulative Relief Activities by PDMAs/SDMA/GBDMA (From 1300 Hours 1 July 2024 To 1300 Hours 17 July 2024):-**

Relief Items	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
Tents	0	8	0	0	4	0	0	12
Ration Bags	0	0	0	0	62	0	0	62
Blankets	0	16	0	0	0	0	0	16
Quilts	0	0	0	0	0	0	0	0
Net Mosquito	0	0	0	0	0	0	0	0
Plastic Mats	0	10	0	0	0	0	0	10
Mattress	0	0	0	0	0	0	0	0
Sleeping Bags	0	0	0	0	0	0	0	0
Kitchen Sets	0	8	0	0	0	0	0	8
Hygiene Kits	0	0	0	0	0	0	0	0
First Aid Kits	0	0	0	0	0	0	0	0
Jerry can	0	0	0	0	0	0	0	0
Tarpaulin	0	0	0	0	0	0	0	0
Gabions	0	0	0	0	45	0	0	45
Sand Bags	0	0	0	0	100	0	0	100
Gas Cylinder	0	0	0	0	0	0	0	0
Water Cooler	0	0	0	0	0	0	0	0

8. **Dams and Reservoirs Level** - 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 17 July 2024 12:00 PST.** Attached at **Annex E.**

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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**

BULLETIN No. B-033/24

Dated: - 17th July, 2024
Time: - 11:00 hours (PST)

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

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	RESERVOIRS LEVEL (FEET) at (0600 PST)
INDUS	Scattered thunderstorm/rain	Scattered thunderstorm/rain (Rawalpindi Division)	TARBELA Current: 1521.56 Max. Conservation: 1550.00 MANGLA Current: 1195.70 Max Conservation: 1242.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	Isolated thunderstorm/rain (Lahore Division)	
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 Forecast for Next 24-hrs (Inflow)	Qualitative Forecasted Flood Level (Inflow)	Max Flood Peaks (In Thousands of Cusecs)	
			Inflow	Outflow			Historical	Flood Season 2024
INDUS	Tarbela	1500	144.0	180.1	135-145	Below Low	832.0 (2010)	296.0
	Kalabagh	950	241.7	233.7	260-290	Low	950.0 (1942)	234.2
	Chashma	950	244.3	232.8	250-280	Low	1038.9 (2010)	254.4
	Taunsa	1100	213.3	187.4	No Sig. change	Below Low	960.0 (2010)	223.4
	Guddu	1200	174.9	136.5	-do-	-do-	1199.7 (1976)	192.9
	Sukkur	1500	130.9	79.0	-do-	-do-	1166.6 (1986)	140.3
	Kotri	875	58.8	16.2	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	70.4	70.4	70-80	Low	391.3 (1990)	96.6
JHELUM	Mangla	1060	21.0	15.0	30-50	Below Low	1090.0 (1992)	114.6
	Rasul	850	8.6	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	58.9	32.9	50-65	-do-	1100.0 (1957)	98.9
	Khanki	1100	17.6	11.2	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	21.4	8.4	-do-	-do-	948.5 (1992)	93.1
	Trimmu	645	27.0	11.1	-do-	-do-	944.0 (1928)	46.5
	Punjnad	700	22.0	8.1	-do-	-do-	802.5 (1973)	35.2
RAVI	Jassar	275	2.4	2.4	-do-	-do-	680.0 (1955)	7.1
	Shahdara	250	13.3	13.3	-do-	-do-	576.0 (1988)	18.4
	Balloki	225	26.6	1.8	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	18.1	2.6	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	1.0	1.0	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	14.4	2.3	-do-	-do-	598.9 (1955)	46.2
	Islam	300	6.6	5.0	-do-	-do-	492.6 (1955)	8.6

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)

(Shahid Abbas)
Chief Meteorologist
FFD Lahore

www.ffd.pmd.gov.pk | Email: ffdlhr@yahoo.com

Chief Meteorologist: 04299200208 & Duty Officer 24/7 hrs: 04299200139, 04299205367-70 and Fax:04299200209 & 5367

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

BULLETIN No. A-033124

Dated: - 17th July, 2024
Time: - 11:10 hours (PST)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. President Secretariat, Islamabad. 2. PM House, Islamabad. 3. Federal Minister for Water Resources, Islamabad. 4. Governor (All Provinces). 5. Chairman NDMA, Islamabad. 6. Chief Minister (All Provinces). 7. PM Secretariat, Islamabad. 8. Secretary, Aviation Division, Islamabad. 9. Secretary, Ministry for Water Resources, Islamabad. 10. Secretary, Ministry of Information, Islamabad. 11. Secretary, Climate change, Islamabad. 12. Chairman NHA, Islamabad. 13. Chief Secretary (All Provinces). | <ol style="list-style-type: none"> 14. PDMA'S (D.G's, All Provinces & AJK). 15. Chairman, Federal Flood Commission, Islamabad. 16. Chairman, Indus River System Authority, Islamabad. 17. 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 (PCIW), Islamabad. 22. Chief Engineer, Mangla/Tarbelal/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 Kabul at Nowshera is in low flood level. Whereas all the other major rivers are flowing below low flood level.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave persists over northeastern parts of Afghanistan and adjoining Pakistan.
- b. Synoptic analysis shows moderate to strong pressure gradient over the northern parts of Afghanistan.
- c. Yesterday's cyclonic circulation over west Madhya Pradesh has become insignificant.
- d. Light to moderate moisture from the Bay of Bengal is penetrating most parts of the country up to 5000 feet. Due to upper air speed divergence along the Himalayas, this moisture is likely to strengthen further towards upper part of the country. Moisture from the Arabian Sea is temporarily cut off but expected to revive.
- e. Weak Seasonal low is located over east Balochistan and adjoining areas.
- f. Weak monsoon trough lies south off the foothills of the Himalayas. It is likely to become more marked.
- g. Conditions are becoming favorable for the development of a low-pressure area over the northwest Bay of Bengal around 19th July.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorm/rain of moderate intensity is expected over the upper catchments of all the Major rivers along with South Sindh, Islamabad & Rawalpindi, Sargodha, Gujranwala, Peshawar, Kohat, Bannu, D.I Khan and Kalat Divisions. Isolated thunderstorm rain is expected Lahore, DG Khan, Bahawalpur, Zhob, Sibbi, Nasirabad and Kalat Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

No significant change.

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

Indus:	Kalam=02, Warsak Dam, , Gupis, Arandu Nullah & Mithi=01(each), Islamabad (Head Quarter), Gilgit ,Skardu & Chitral Bridge=Trace(each).
Jhelum:	Hajira & Tandali=Trace(each).
Chenab:	Peshawar=Trace.
Ravi:	-Nil-
Sutlej:	Gojra=Trace.
Others:	Zhob=15, & Met complex Karachi=Trace.

**(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	<u>1.846</u> 11.07.2024	1596.83	37	56
ii. Pong Dam on River Beas	1390	4.991	<u>1.194</u> 11.07.2024	1315.39	24	67
iii. Thein Dam on River Ravi	1732	1.900	<u>0.583</u> 11.07.2024	1646.34	31	80

The data is being shared for flows information,
Dated: 12th July 2024



(ADNAN MUMAHAMMAD)
Deputy Commissioner for Indus Waters
Tele: 051-9244674

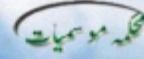
Data source: www.bhmb.gov.in
www.ewc.gov.in

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



National Weather Forecasting Centre
Pakistan Meteorological Department



Total Rainfall (mm) last 24 hours on Wednesday 17-07-2024 at 0800 PST				
Stations			Rainfall (mm)	
Balochistan				
Zhub			15	
Sindh				
Tharparkar			(Chachro & Dahli 03)	
Mithi			01	
Karachi			Trace	
Khyber-Pakhtunkhwa				
Kalam			02	
Gilgit-Baltistan				
Gupis			01	
Gilgit & Skardu			Trace	
Punjab				
Islamabad (ZP)			Trace	
Kashmir				
NIL				
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
NIL				
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				



FFD Discharge Report

Recorded at: 17-Jul-2024 12:00 PST

River	Site	Inflow		Outflow	
Indus	Tarbela	150,000	↗	163,800	NORMAL
	Kalabagh	241,699	→	233,709	NORMAL
	Chashma	246,436	↗	234,936	NORMAL
	Taunsa	213,347	→	187,434	NORMAL
	Guddu	174,929	→	136,498	NORMAL
	Sukkur	130,850	→	79,030	NORMAL
	Kotri	60,115	↗	17,740	NORMAL
Kabul	Nowshera	67,000	↘	67,000	LOW
Jhelum	Mangla	20,000	↘	15,000	NORMAL
	Rasul	8,605	→	0	NORMAL
Chenab	Marala	48,218	↘	22,218	NORMAL
	Khanki	17,596	→	11,196	NORMAL
	Q.Abad	18,857	↘	5,857	NORMAL
	Trimmu	27,010	→	11,060	NORMAL
	Panjnad	21,950	→	8,130	NORMAL
Ravi	Jassar	2,129	↘	2,129	NORMAL
	Shahdara	13,306	→	13,306	NORMAL
	Balloki	26,580	→	1,780	NORMAL
	Sidhnai	19,666	↗	3,966	NORMAL
Sutlej	GS Wala	1,014	→	1,014	NORMAL
	Sulemanki	14,377	→	2,269	NORMAL
	Islam	6,628	→	5,028	NORMAL

DAM	Current Level	Max Level	Dead Level
Tarbela Dam	1521.45 (-0.11)	1550	1402
Mangla Dam	1195.75 (+0.05)	1242	1050

Generated By DFO @ Flood Forecasting Division, Lahore. +92-42-99200139