

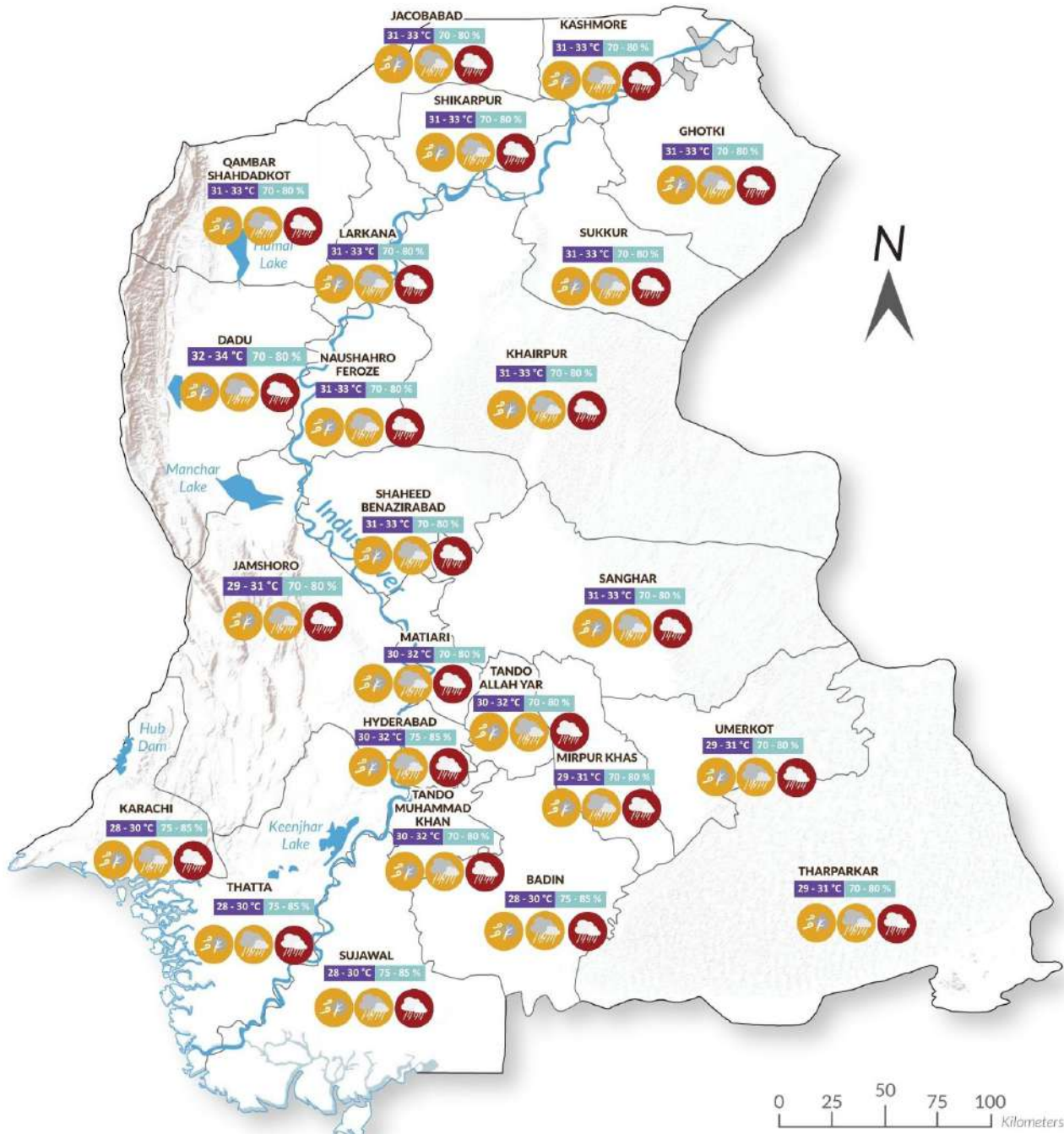


No. PDMA(S)/7(78)/15/5732  
**PROVINCIAL DISASTER MANAGEMENT AUTHORITY**  
**REHABILITATION DEPARTMENT**  
 GOVERNMENT OF SINDH  
 PLOT NO. 26-C, MAIN KHAYABAN-E-JAMI,  
 DHA PHASE-VII, KARACHI  
 Phone: 021-35314422 & 021-35318192, Fax: 021-35314219



Dated: 30<sup>th</sup> August, 2024

**Weather Forecast**



Temperature Humidity  Wind  Thunderstorm  Heavy Shower



Source: Pakistan Meteorological Department:



No. PDMA(S)/7(78)/15/5732  
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## Weather Forecast

### Weather Outlook:

Pakistan Meteorological Department has informed that the **deep depression** over Rann of Kutch, India has moved very slowly west / southwestwards and may emerge into northeast Arabian Sea along Sindh coast and intensify further into a **Cyclonic Storm** by today afternoon / evening. Due to this weather system strong monsoon currents are penetrating in Southern Sindh. Under its influence:

- **Widespread rain/ wind-thunderstorms** with **scattered heavy-very heavy to isolated extremely heavy falls** likely in **Tharparker, Badin, Thatta, Sujawal, Hyderabad, Tando Muhammad Khan, Tando Allahyar, Matiari, Umerkot, Mirpurkhas, Sanghar, Jamshoro, Dadu, Shaheed Benazirabad** districts, and Karachi division till **31<sup>st</sup> August** with occasional gaps.
- **Rain/ wind-thunderstorms** with **few heavy to isolated very heavy falls** likely in **Sukkur, Kashmore, Kambar Shahdadkot, Larkano, Naushahro Feroze, Jacobabad, and Shikarpur** districts till **31<sup>st</sup> August** with occasional gaps.
- Flood Forecasting Division of Pakistan Meteorological Department has also informed that **Flash Flooding** is expected in the areas along Kirthar ranges, **Jacobabad, Kambar Shahdadkot, Dadu & Jamshoro**. Urban Flooding is also expected in the metropolitan cities of Sindh. (**Bulletin No. A-077/24 dated: 30<sup>th</sup> Aug 2024, copy attached**)

### Possible Impacts:

- **Torrential rains** may generate urban flooding/rain inundation in **Karachi, Tharparker, Badin, Thatta, Sujawal, Hyderabad, Tando Muhammad Khan, Tando Allahyar, Matiari, Umerkot, Mirpurkhas, Sanghar, Jamshoro, Dadu, Shaheed Benazirabad** districts.
- **Heavy Falls** may cause localized water logging in low laying areas of **Sukkur, Kashmore, Jacobabad, Kambar Shahdadkot, Naushahro Feroze, Larkano, and Shikarpur** districts.
- **Heavy Falls** over Kirthar and adjoining hill torrents of **Balochistan** may generate flash flooding in local nullah's/streams of **Dadu, Kambar Shahdadkot, Jacobabad, and Jamshoro** districts during forecast period.
- **Heavy downpour/windstorm and lightning** may affect daily routines, weak structures like roof/wall collapse of Kacha houses, electric poles, bill boards, vehicles and solar panels etc. during the forecast period.
- **Heavy rains** may create water logging / rain inundation in low lying areas of **Sindh-Makran coast**.
- **Sea conditions** likely to remain **rough / very rough** with squally winds of **50-60 Km/hour** gusting **70 km/hour**.
- **Fishermen** are advised not to venture in open sea till **31<sup>st</sup> August**.

## Recommended Actions for DDMA's / Line Departments / Other Relevant Authorities

### Rainfall / Dust-storm / Wind-thunderstorm / Cyclonic Storm

- Conduct extensive public awareness campaigns through multiple channels, including TV/ broadcast / social / print media etc., to ensure that vulnerable communities are well-informed about the anticipated flood situation and necessary precautions.
- Enhance deployment of required machinery, equipment, emergency supplies and personnel in at-risk areas, considering on ground situation.
- Maintain sufficient stocks of essential supplies, including food, clean water, medical provisions, and sanitation supplies in case further emergent needs.
- Strategically position flood fighting equipment in areas prone to flooding, ensuring their availability for immediate deployment.
- Ensure timely cleaning / de-silting & maintenance of sewerage lines, storm water drains and nullahs.
- Ensure availability / functionality of all essential flood response equipment in flood-prone areas.
- Ensure full staffing / availability of trained emergency response personnel and designate their duties / areas of deployment in case of emergency.
- Conduct thorough reconnaissance of vulnerable locations, identifying critical infrastructure / communities that may require additional support and protection.
- Inform and sensitize residents of low-lying areas / at-risk communities of anticipated flood conditions, potential impacts, evacuation procedures and precautionary measures.
- Establish temporary shelters in safe locations for displaced individuals and ensure these are equipped with necessary supplies (food, clean drinking water, medical supplies and sanitation facilities).
- Ensure the availability of trained medical staff and ambulances in strategic locations to provide immediate medical assistance to those affected by floods.
- Implementing effective regulation strategies at headworks / barrages to optimize the discharge of excess water through irrigation channels.
- Proactive monitoring / maintenance / repairs of canal systems to enhance their capacity to handle increased flows.
- Undertake prompt repairs of any breaches / breaks in flood protective works.
- Inform travelers / tourists / in timely manner regarding anticipated weather / flood conditions, potential hazards, precautionary measures, and recommended alternative routes to regulate their travel and ensuring safety.
- Provide necessary assistance and support to travelers / tourists affected by flood situation, including evacuations if required.
- District Disaster Management Authorities (DDMA's) of flash flood prone districts are to maintain continued liaison with the DDMA's of districts of adjacent province to monitor the flow of water in streams and natural catchments.
- Ensure arrangement of rescue boats and transport for possible evacuation of population from offshore islands/low lying/ creek areas.
- Ensure arrangement for removal of fallen trees, wires, bill boards, solar panels and other loose objects.
- Prepare for possible evacuation of residents from old buildings/Kutch Houses and vulnerable coastal locations
- The Sindh Building Control Authority shall advise owners of under construction structures/weak structured buildings to take precautions to ensure that no debris or building fall on people during the predicted cyclone storm.



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## Precautionary Measures for General Public

### Rainfall / Dust-storm / Wind-thunderstorm / Cyclonic Storm

- Monitor the weather alerts through print media, electronic media, & social media.
- Stay indoor unless absolutely necessary. Keep doors and windows shut and avoid sitting near windows as rain is often accompanied by strong winds.
- Maintain a distance from power lines or electrical wires. If you notice any loose electric wires in your area, alert the authorities immediately.
- Avoid touching electrical switches or outlets while it is raining. Do not try using electrical sockets or outlets outdoors while it is raining.
- Avoid driving during heavy rain or dusty winds because of poor visibility.
- Avoid underpasses, drainage ditches, low-lying areas and areas where water collects.
- Check on family members who are especially at risk from weather hazards: young children, older adults, and the chronically ill.
- Avoid parking near walls, weak structures, under trees and billboards & hoardings that pose a danger to public safety.
- Residents of flash flood prone areas and coastal area are advised to remain informed and be prepared of possible evacuation during emergency situation.

A copy is forwarded for information & necessary actions as recommended:

1. The Senior Member Board of Revenue, Government of Sindh, Karachi.
2. The Secretary to Government of Sindh, Home Department, Karachi.
3. The Secretary to Government of Sindh, Health Department, Karachi.
4. The Secretary to Government of Sindh, Irrigation Department, Karachi.
5. The Secretary to Government of Balochistan, Irrigation Department, Quetta.
6. The Secretary to Government of Sindh, School Education and Literacy Department, Karachi.
7. The Secretary to Government of Sindh, College Education, Karachi.
8. The Secretary to Government of Sindh, Universities and Boards, Karachi.
9. The Secretary to Government of Sindh, Information and Archives Department, Karachi (With a request for wide publicity through the electronic & print media).
10. The Secretary to Government of Sindh, Environment, Climate Change & Coastal Development Department, Karachi.
11. The Secretary to Government of Sindh, (GA) SGA&CD, Karachi.
12. The Secretary to Government of Sindh, Works and Services Departments Karachi.
13. The Secretary to Government of Sindh, Food Department Karachi.
14. The Secretary to Government of Sindh, Agriculture Department Karachi.
15. The Secretary to Government of Sindh, Livestock & Fisheries Department, Karachi.
16. The Secretary to Government of Sindh, (Planning), Planning and Development Department, Karachi
17. The Inspector General of Police, Sindh, Karachi.
18. The Commissioner(s) All in Sindh.
19. The Deputy Commissioner(s) / Chairmen District Disaster Management Authorities (All Concerned)
20. The Director General, Provincial Disaster Management Authority Balochistan, Quetta.
21. The Director General, Health Services Sindh, at Hyderabad.
22. The Director General, Livestock & Fisheries Sindh, at Hyderabad
23. The Director General, Coastal Development Authority, Government of Sindh, Karachi.
24. The Director General, Pakistan Maritime Security Agency, Karachi.
25. The Director General, Sindh Building Control Authority, Karachi.
26. The Director General, Pakistan Civil Aviation Authority, Karachi.
27. The Director General, Pakistan Meteorological Department, Islamabad.
28. The Director General, Sindh Emergency Rescue Service 1122. Karachi
29. The Head, National Highway Authority, Office Karachi.
30. The Metropolitan Commissioner, Karachi Metropolitan Corporation, Karachi.
31. The Administrator, Defense Housing Authority, Karachi.
32. The Deputy Secretary (Staff) to Chief Minister Sindh, Karachi.
33. The Deputy Secretary (Staff) to Chief Secretary Sindh, Karachi.
34. The Divisional Superintendent Pakistan Railways, Karachi and Sukkur.
35. The Chief Executive Officer, PPHI, Sindh Karachi.
36. The Chief Executive Officer Sindh Integrated Emergency and Health Services, Karachi.
37. The Chief Executive Officer, Cantonment Board Saddar/ Clifton/ Faisal/ Manora/ Korangi Creek/ Malir, Karachi.
38. The Chief Executive Officer(s), Karachi Electric, HESCO, SEPCO.
39. The Chief Executive, Edhi Foundation, Al Mustafa Welfare Trust, Alamgir Welfare Trust, JDC Foundation, Alkhidmat Foundation, Khidmat-e-Khalq Foundation, Pakistan Red Crescent Sindh, Chhipa Welfare Organization.
40. The President, Sindh Outdoor Advertising Association, Karachi.
41. The Head of Office, Pakistan FisherFolk Forum, Karachi.
42. The Director (Response), National Disaster Management Authority, Islamabad.
43. The Head Quarters ComCoast Karachi.
44. The Head Quarters, 5 Corps, Karachi.



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45. The Head Quarters ComKar, Pak Navy, Karachi.
46. The Head Quarters Pakistan Rangers, Sindh, Karachi.
47. The PS to Chairman, Planning and Development Board, GoS, Karachi.
48. The PS to Minister, Rehabilitation Department, Karachi.
49. The PS to Secretary to Government Sindh, Rehabilitation Department, Karachi.
50. The PS to Director General, Provincial Disaster Management Authority, Sindh, Karachi.
51. The All Humanitarian Partners (UN Agencies/INGOs/National NGOs/Local NGOs/Humanitarian Organizations).

  
**(AJAY KUMAR SEWANI)  
ASSISTANT DIRECTOR (OPS)**



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Government of Pakistan  
Ministry of Aviation  
Pakistan Meteorological Department  
Met. Complex, Gulistan-e-Jauhar Block-5,  
University Road Karachi-75270  
Email: [pmdwcmac@gmail.com](mailto:pmdwcmac@gmail.com)

August 30<sup>th</sup>, 2024

<b>Monsoon Alert</b>	<p>The deep depression over Rann of Kutch, India has moved very slowly west/southwestwards and may emerge into northeast Arabian Sea along Sindh coast and intensify further into a Cyclonic Storm by today afternoon/ evening. Due to this weather system strong monsoon currents are penetrating in Southern Sindh. Under its influence:</p> <ul style="list-style-type: none"> <li>Widespread rain/wind-thunderstorms with scattered heavy-very heavy to isolated extremely heavy falls likely in Tharparker, Badin, Thatta, Sujawal, Hyderabad, T.M Khan, T.A Yar, Matiari, Umerkot, Mirpurkhas, Sanghar, Jamshoro, Dadu &amp; Shaheed Benazirabad districts &amp; Karachi division till <b>31<sup>st</sup> August</b> with occasional gaps.</li> <li>Rain/wind-thunderstorms with few heavy to isolated very heavy falls likely in Sukkur, Kashmore, Kambar Shahdadkot, Larkana, Nosheroferoz, Jacobabad &amp; Shikarpur districts during till <b>31<sup>st</sup> August</b> with occasional gaps.</li> <li>Widespread rain/wind-thunderstorm with scattered heavy/very heavy falls also likely in Hub, Lasbella, Awaran, Keach &amp; Gwadar districts during 30 August to <b>1st September</b> with Occasional gaps.</li> </ul>
	<p><b>Possible Impacts:</b></p> <ul style="list-style-type: none"> <li><b>Torrential rains</b> may generate urban flooding/rain inundation in Karachi, Tharparker, Badin, Thatta, Sujawal, Hyderabad, T.M Khan, T.A Yar, Mitiari, Umerkot, Mirpur Khas, Sanghar, Jamshoro, Dadu, Shaheed Benazirabad districts.</li> <li><b>Heavy Falls</b> may cause localized water logging in low laying areas of Sukkur, Kashmore, Jacobabad, Kambar Shahdadkot, Nosheroferoz, Larkana &amp; Shikarpur districts.</li> <li><b>Heavy falls</b> over Kirthar and adjoining hill torrents of Balochistan may generate flash flooding in local nullahs/streams of Dadu, Kambar Shahdadkot, Jacobabad &amp; Jamshoro districts during forecast period.</li> <li><b>Heavy downpour/windstorm and lightning</b> may affect daily routines, weak structures like roof/wall collapse of Kacha houses, electric poles, bill boards, vehicles and solar panels etc. during the forecast period.</li> <li>Heavy rains may create water logging/rain inundation in low lying areas of Sindh-Makran coast.</li> <li>Sea conditions are likely to remain rough/very rough with squally winds 50-60 Km/hour gusting 70Km/hour. Fishermen of Sindh are advised not to venture into sea till 31 August and those of Balochistan till 1st September.</li> </ul> <p>Note: All concerned authorities are advised to remain "ALERT" and take necessary measure to avoid any untoward situation.</p>

**WEATHER FORECAST OF KARACHI DIVISION FOR NEXT 3 DAYS**

Weather Elements	Friday (30 <sup>th</sup> August)	Saturday (31 <sup>st</sup> August)	Sunday (01 <sup>st</sup> September)
<b>WEATHER</b>	Cloudy & windy with intermittent rain/thunderstorms with few heavy falls	Cloudy & windy with intermittent rain/thunderstorms with few heavy falls	Cloudy with chances of rain/shower
<b>JMAXIMUM TEMP (°C)</b>	28 – 30 °C	28 – 30 °C	30 – 32 °C
<b>MINIMUM TEMP (°C)</b>	26.0 °C	25 – 27 °C	25 – 27 °C
<b>HUMIDITY MORNING</b>	85 %	80 – 90 %	80 – 90 %
<b>HUMIDITY EVENING</b>	70 – 80 %	70 – 80 %	70 – 80 %
<b>WIND DIRECTION</b>	North/Northeasterly	Easterly/Southeasterly	Easterly/Southeasterly becoming Westerly/Southwesterly

**Kind Attention:**  
Governor House Sindh  
Chief Secretary Sindh  
Karachi Electric  
Commissioner Karachi  
Naval HQ Karachi  
Mayor Karachi  
Deputy Mayor  
Rescue 1299  
PDMA SINDH  
HQ Engg 5 corps

Sd/-  
**(Anjum Nazir Zaighum)**  
Meteorologist  
for Chief Meteorologist



Phone: +92-21-99261404  
Fax: +92-21-99261405

Government of Pakistan  
Ministry of Aviation  
Pakistan Meteorological Department  
Met. Complex, Gulistan-e-Jauhar Block-5,  
University Road Karachi-75270  
Email: [pmdwcmac@gmail.com](mailto:pmdwcmac@gmail.com)

30 اگست 2024

<p>ران اف کچھ بھارت پر موجود ڈیپ ڈپریشن بہت آہستہ آہستہ مغرب/جنوب مغرب کی طرف بڑھ رہا ہے اور آج دوپہر/شام تک سمندری طوفان میں تبدیلی ہو کر سندھ کے ساحل کے ساتھ شمال مشرقی بحیرہ عرب تک پہنچنے کا امکان ہے۔ اس موسمی نظام کی وجہ سے جنوبی سندھ میں مون سون کی تیز ہواؤں داخل ہو رہی ہیں۔ اس کے زیر اثر:</p> <ul style="list-style-type: none"> <li>• 31 اگست تک تھرپاکر، بدین، ٹھٹھہ، سجاول، حیدرآباد، ٹنڈو محمد خان، ٹنڈوالہ یار، ٹیاری، عمرکوٹ، میرپور خاص، ساگھڑ، جامشورو، دادو اور شہید بینظیر آباد کے اضلاع میں اور کراچی ڈویژن میں وسیع پیمانے پر وقفے وقفے سے گرج چمک۔ تیز ہواؤں کے ساتھ اکثر مقامات پر موسلا دھار اور چند مقامات پر انتہائی شدید موسلا دھار بارش کا امکان ہے۔</li> <li>• 31 اگست تک سکھر، کشور، قمبر شہدادکوٹ، لاڑکانہ، نوشہرہ فیروز، جیکب آباد اور شکارپور کے اضلاع میں وقفے وقفے سے گرج چمک۔ تیز ہواؤں کے ساتھ چند مقامات پر موسلا دھار اور کئی کئی شدید موسلا دھار بارش کا امکان ہے۔</li> <li>• آج سے یکم ستمبر کے دوران حب، لسبیلہ، آواران، کبچ اور گوار کے اضلاع میں وقفے وقفے سے ساتھ وسیع پیمانے پر گرج چمک۔ تیز ہواؤں کے ساتھ اکثر مقامات پر موسلا دھار اور چند مقامات پر انتہائی شدید موسلا دھار بارش کا امکان ہے۔</li> </ul> <p><b>مکملہ اثرات:</b></p> <ul style="list-style-type: none"> <li>• موسلا دھار بارشوں سے تھرپاکر، بدین، ٹھٹھہ، سجاول، حیدرآباد، فی ٹی ایم خان، ٹی اے یار، ٹیاری، عمرکوٹ، میرپور خاص، ساگھڑ، جامشورو، دادو، شہید بینظیر آباد کے اضلاع اور کراچی ڈویژن میں اربن فلڈنگ/اربن فلڈنگ کا امکان ہے۔</li> <li>• موسلا دھار بارش کی وجہ سے سکھر، کشور، قمبر شہدادکوٹ، لاڑکانہ، نوشہرہ فیروز، جیکب آباد اور شکارپور کے اضلاع کے نشیبی علاقوں میں مقامی طور پر پانی جمع ہو سکتا ہے۔</li> <li>• شدید بارشوں کے باعث کیرتھر اور ملحقہ بلوچستان کی پہاڑی ندی نالوں کی وجہ سے دادو، قمبر شہدادکوٹ، جیکب آباد اور جامشورو کے اضلاع میں سیلابی صورتحال پیدا ہو سکتی ہے۔</li> <li>• شدید بارشوں/آندھری اور گرج چمک کے باعث روزمرہ کے معمولات متاثر ہونے، کمزور افراسٹرکچر (کچے گھر دیواریں، بجلی کے کھمبے، بل بورڈز، سولر مینٹیل وغیرہ) کو نقصان کا اندیشہ۔</li> <li>• موسلا دھار بارشوں سے سندھ-سکران کے ساحل کے نشیبی علاقوں میں پانی جمع ہو سکتا ہے۔</li> <li>• سمندر میں شدید طغیانی کی وجہ سے ماتی گروں کو مشورہ دیا جاتا ہے کہ وہ سندھ میں 31 اگست اور بلوچستان میں 01 ستمبر تک کھلے سمندر میں نہ جائیں۔</li> </ul> <p>نوٹ: تمام متعلقہ اداروں کو "الارٹ" رہنے اور کسی ناخوشگوار واقعہ سے بچنے کے لیے تمام ضروری اقدامات کرنے کی ہدایت کی جاتی ہے۔</p>	<p><b>مون سون الارٹ</b></p>
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### کراچی ڈویژن کیلئے اگلے تین دن کے موسم کی پیش گوئی

اتوار (01 ستمبر)	ہفتہ (31 اگست)	جمعہ (30 اگست)	موسمی عناصر
ابر آلود رہنے کے ساتھ تیز بارش کا امکان	ابر آلود اور تیز ہواؤں کے ساتھ وقفے وقفے سے بارش اور چند مقامات پر موسلا دھار بارش کا امکان	ابر آلود اور تیز ہواؤں کے ساتھ وقفے وقفے سے بارش اور چند مقامات پر موسلا دھار بارش کا امکان	موسم
30 – 32 °C	28 – 30 °C	28 – 30 °C	زیادہ سے زیادہ درجہ حرارت
25 – 27 °C	25 – 27 °C	26.0 °C	کم سے کم درجہ حرارت
80 – 90 %	80 – 90 %	85 %	صبح کے وقت ہوا میں نمی
70 – 80 %	70 – 80 %	70 – 80 %	شام کے وقت ہوا میں نمی
مشرق/جنوب مشرق بعد میں مغرب/جنوب مغرب سے	مشرق/جنوب مشرق سے	شمال/شمال مشرق سے	ہوا کی سمت

Sd/-  
(Anjum Nazir Zaighum)  
Meteorologist  
for Chief Meteorologist

**Kind Attention:**

Governor House Sindh  
Chief Secretary Sindh  
Karachi Electric  
Commissioner Karachi  
Naval HQ Karachi  
Mayor Karachi  
Deputy Mayor  
Rescue 1299  
PDMA SINDH  
HQ Engg 5 corps

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

**BULLETIN No. A-077/24**

**Dated: 30<sup>th</sup> August, 2024  
Time: 11:20 hours (PST)**

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).
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/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 Kotri is in **Medium** flood level, while at Sukkur, it is in Low flood level.

**Warning: (up to 31<sup>st</sup> August):**

**FLASH FLOODING is expected in the areas along Kirthar ranges (Jacobabad, Qambar Shahdadkot, Dadu and Jamshoro districts) and Sulaiman ranges (DG Khan and Rajanpur districts) including nullahs in Balochistan (Zhob, Loralai, Sibbi, Nasirabad and Kalat divisions). Urban flooding is expected in Metropolitan cities of Sindh.**

**II: METEOROLOGICAL FEATURES:**

- a) Yesterday's **DEEP DEPRESSION** over northwest Gujarat (India) and adjoining southeast Sindh has moved southwestwards and today lies northeast Arabian Sea approx. 120 km south of Thatta. The trough associated with the deep depression extends up to north Punjab.
- b) Yesterday's trough of westerly wave continues to persist over northern parts of the country.
- c) Light to moderate moist currents from Bay of Bengal are penetrating the upper catchments of all the major rivers. While **STRONG MOIST CURRENTS** are penetrating from both sources into south Sindh and adjoining areas up to 10,000 feet.
- d) Another Monsoon Low pressure area has developed over southeast Odisha.
- e) Weak Seasonal Low lies over northwest Balochistan.

**III: WEATHER FORECAST FOR 24-HOURS:**

Scattered thunderstorm rain of moderate intensity with isolated heavy falls is expected over the upper catchments of all the major rivers along with Islamabad, Khyber Pakhtunkhwa, Rawalpindi, Sargodha, Gujranwala, Lahore, Faisalabad, Sahiwal, Multan, Bahawalpur, Sukkur and Mirpur Khas divisions.

**Warning:** Widespread thunderstorm rain of **HEAVY TO VERY HEAVY** intensity with isolated **EXTREMELY HEAVY** falls may occur over **Karachi, Hyderabad, Larkana, Shaheed Benazirabad, Zhob, Loralai, Sibbi, Nasirabad, Kalat, Makran and DG Khan divisions.**

**IV: WEATHER Outlook For Next 48-HOURS:**

Wet spell is likely to decrease after 24 hours in Sindh and South Punjab. However, monsoon activity is likely to continue over south Balochistan for further 24 hours.

**V: RIVERS CATCHMENTS RAINFALL RECORDED >05 (MM) DURING LAST 24-HRS (UPTO 0800 PST):**

Indus:	Kakul=66, Thatta=63, Islamabad(Zeropoint=54, Shamsabad=48, Saidpur=42, Chaklala (Airbase) & Golra=38(each), New Airport=29, Chaklala (Katcheri)=19, Bokra=16), Phulra=54, Shinkiyari=46, Oghi=43, Hyderabad(City=54 & Airport=34), Rahim Yar Khan=34, Dir=33, Tando Jam=32, Hunza=30, Astore=28, Badin=24, Mithi=22, Jacobabad=20, Murree=19, Skardu, Darashoot & Arandu Nullah=16(each), Shishi Darosh=15, Khawagoobo Bridge=13, Attock=12, Sakrand & Mirkhani=10(each), Bunji & Kamra (Airbase)=09(each), Dadu & Partab Bridge=08(each), Shaheed Benazirabad, Khanpur, Parachinar & Drosh=07(each).
Jhelum:	Mangla=147, Domel=140, Mandibahauddin=98, Muzaffarabad (Airport=80 & City=69), Jhelum=76, Balakot=45, Palandri=37, Kotli=34, Bandi Abbaspur=33, Sargodha (City=31 & Airbase=30), Rawalakot=28, Garhi Dopatta & Chakothi=26(each), Chattar Kallas & Kallar=24(each), Dhulli=20, Chakwal=12, Sharda=06.
Chenab:	Hafizabad=78, Multan (Chungi No.09=63, Shuja Abad=51, Kirri Jamandan=29, Airport=16 & City=15), Sialkot (Airport=48 & Cantt=33), Gujrat=35, Gujranwala (Liqat Bagh=104, Model Town=92, Peoples Colony=57, Sheranwala Bagh=45, City=30), Marala=11, Jhang=04,
Ravi:	Faisalabad (Gulam Muhammad Abad=87, City=64, Madina Town=57, Gulistan Colony=48, Allama Iqbal Colony=42, Dogar Basti=36), T.T. Singh=39, Lahore [Township=34, Airport=32, Shahdara=24, Jail Road=23, Iqbal Town & Gulshan-e-Ravi & Shahi Qilla=20(each), Qurtba chowk=19, Upper Mall & Luckshami=18(each), Misri Shah=16, Gulburg=15, Samanabad=13, Johar Town=07].
Sutlej:	Kasur=22.
Others:	Loralai=58, Karachi [Gulshan-e-Hadeed=35, Surjani Town=30, Airport=29, Quaidabad=25, Korangi & Jinnah Terminal=16(each), University Road=15, Faisal Base=13, Gadap Town=12, Kemari=10, Gulshan-e-Maymar=09(each), North Karachi & DHA=08(each), Nazimabad=07, Orangi Town & Masroor=06(each)], Ziarat=28, Sibbi=26, Khuzdar=17, Muslim Bagh=06.

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