

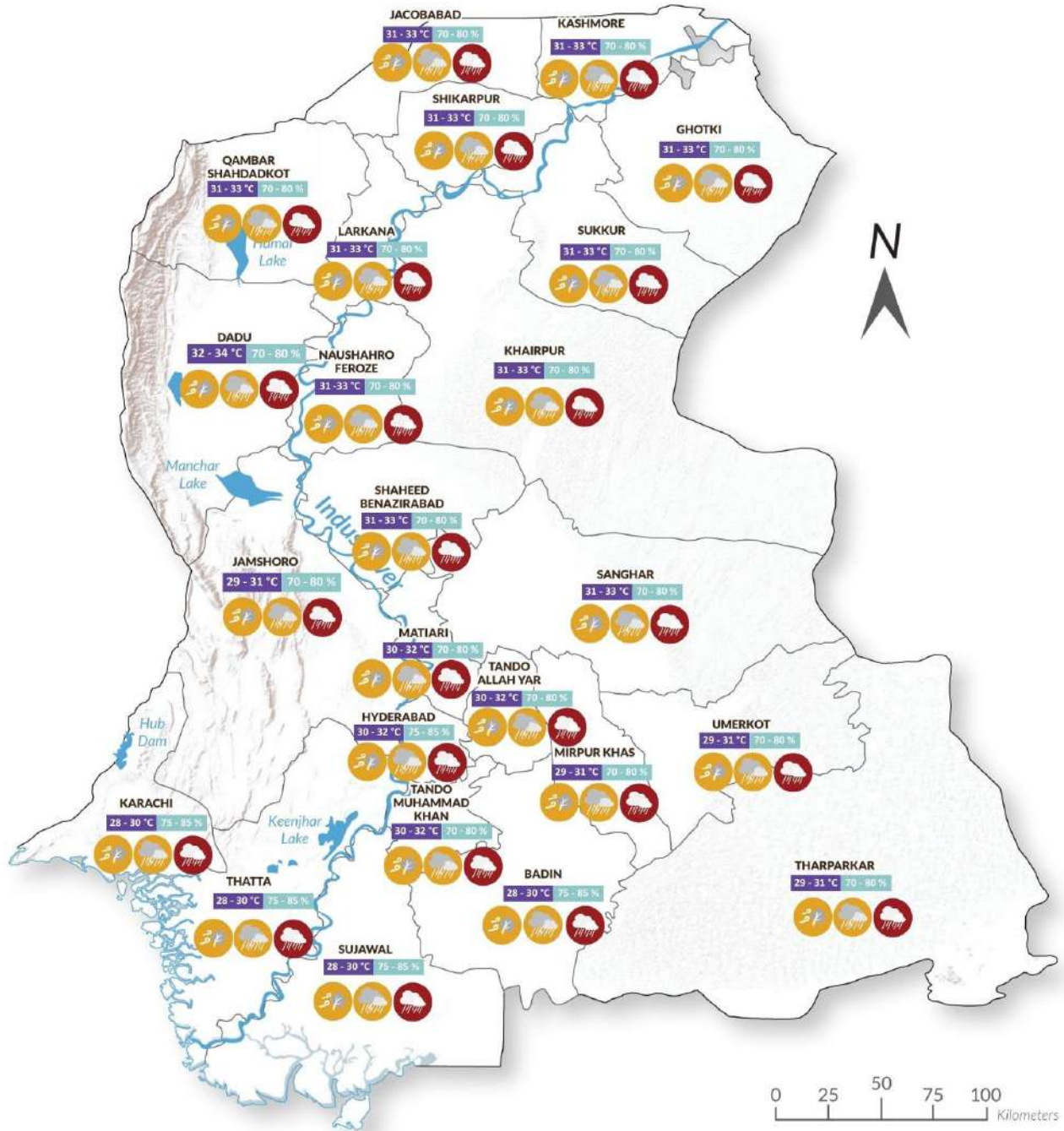


No. PDMA(S)/7(78)/15/5707
PROVINCIAL DISASTER MANAGEMENT AUTHORITY
REHABILITATION DEPARTMENT
 GOVERNMENT OF SINDH
 PLOT NO. 26-C, MAIN KHAYABAN-E-JAMI,
 DHA PHASE-VII, KARACHI
 Phone: 021-35314422 & 021-35318192, Fax: 021-35314219



Dated: 28th August, 2024

Weather Forecast



Temperature
Humidity



Wind



Thunderstorm



Heavy Shower



No. PDMA(S)/7(78)/15/5707

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

Weather Forecast

Weather Outlook:

Pakistan Meteorological Department has informed that the **deep depression** over Gujrat India further moved westward and now located over South Tharparker and adjoining Rann of Kutch India. It is likely to move slowly west-southwestward and reach Northeast Arabian sea and adjoining Sindh coast by **tonight / tomorrow morning**. Due to this weather system strong monsoon currents are penetrating in Southeast 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 **31st August** with occasional gaps.
- **Rain/ wind-thunderstorms** with **few heavy to isolated very heavy falls** likely in **Ghotki, Sukkur, Khairpur, Kashmore, Kambar Shahdadkot, Larkana, Naushahro Feroze, Jacobabad & Shikarpur** districts till **31st 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. C-075/24** dated: 28th 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, Kambar Shahdadkot, Larkana, Naushahro Feroze & Shaheed Benazirabad** districts.
- **Heavy Falls** may cause localized water logging in low laying areas of **Ghotki, Sukkur, Khairpur, Kashmore, Jacobabad, Larkana & 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 & 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.
- **Sea conditions** likely to remain **rough to very rough** with squally winds of **30-40 Kts** during the forecast period.
- **Fishermen** are advised not to venture in open sea till **30th August**.

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

Rainfall / Dust-storm / Wind-thunderstorm:

- 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.
- Remove all billboards and hoardings that pose a danger to public safety.



No. PDMA(S)/7(78)/15/5707

**PROVINCIAL DISASTER MANAGEMENT AUTHORITY
REHABILITATION DEPARTMENT**



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DHA PHASE-VII, KARACHI**

Phone: 021-35314422 & 021-35318192, Fax: 021-35314219

Precautionary Measures for General Public

Rainfall / Dust-storm / Wind-thunderstorm:

- 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 in heavy rain 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 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.



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43. The Head Quarters ComCoast Karachi.
44. The Head Quarters, 5 Corps, Karachi.
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)**

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

BULLETIN No. C-075/24

Dated: 28th August, 2024
Time: 11:20 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (29th-August, 2024 to 04th-September, 2024)

➤ **RAINFALL OUTLOOK:**

Warning: Widespread thunderstorm rain of **HEAVY TO VERY HEAVY** intensity with isolated **EXTREMELY HEAVY** falls may occur over **Sindh (all divisions) and Balochistan (Zhob, Sibbi, Nasirabad, Loralai, Kalat and Makran divisions) and South Punjab (DG Khan, Multan and Bahawalpur divisions)**, up to 31st August.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No significant change is expected in the flows of any of the major rivers.

Warning (up to 31st August):

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

--sd/--

(Shahid Abbas)
Chief Meteorologist
FFD Lahore

Note: This forecast is updated on daily basis.



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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

August 28th, 2024

Monsoon Alert	<p>The deep depression over Gujrat India further moved westward and now located over South Tharparker & adjoining Rann of Kutch India. It is likely to move slowly west-southwestward & reach Northeast Arabian Sea and adjoining Sindh coast by tonight/tomorrow morning. Due to this weather system strong monsoon currents are penetrating in Southern Sindh. Under its influence:</p> <ul style="list-style-type: none"> 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 & Shaheed Benazirabad districts & Karachi division till 31 August with occasional gaps. Rain/wind-thunderstorms with few heavy to isolated very heavy falls likely in Ghotki, Sukkur Khairpur, Kashmore, Kambar Shahdadkot, Larkana, Nosheroferoz, Jacobabad & Shikarpur districts during till 31 August with occasional gaps.
	<p>Possible Impacts:</p> <ul style="list-style-type: none"> Torrential rains 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. Heavy Falls may cause localized water logging in low laying areas of Ghotki, Sukkur Khairpur, Kashmore, Jacobabad, Kambar Shahdadkot, Nosheroferoz, Larkana & Shikarpur districts. Heavy falls over Kirthar and adjoining hill torrents of Balochistan may generate flash flooding in local nullahs/streams of Dadu, Kambar Shahdadkot, Jacobabad & 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. Sea conditions likely to remain rough to very rough with squally winds of 30-40 Kts during the forecast period. Fishermen are advised not to venture in open sea till 30 August. <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	Wednesday (28 th August)	Thursday (29 th August)	Friday (30 th August)
WEATHER	Cloudy with intermittent rain/wind-thunderstorms with a few heavy falls	Cloudy with intermittent rain/wind-thunderstorms with a few heavy falls	Cloudy with intermittent rain/wind-thunderstorms with a few heavy falls
JMAXIMUM TEMP (°C)	28 – 30 °C	28 – 30 °C	28 – 30 °C
MINIMUM TEMP (°C)	26.0 °C	24 – 26 °C	24 – 26 °C
HUMIDITY MORNING	92 %	80 – 90 %	80 – 90 %
HUMIDITY EVENING	75 – 85 %	75 – 85 %	75 – 85 %
WIND DIRECTION	North/Northwesterly	North/Northwesterly	North/Northeasterly

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

28 اگست 2024

<p>گجرات بھارت پر موجود ڈیپ ڈپریشن مغرب کی طرف بڑھ گیا ہے اور اب جنوبی تھرپاکر اور ملحقہ ران اف کچھ بھارت پر واقع ہے۔ سسٹم آج رات / کل صبح تک آہستہ آہستہ مغرب - جنوب مغرب کی طرف بڑھتے ہوئے شمال مشرقی بحیرہ عرب اور ملحقہ سندھ کے ساحل تک پہنچنے کا امکان ہے۔ اس موسمی نظام کی وجہ سے جنوبی سندھ میں مون سون کی تیز ہوائیں داخل ہو رہی ہیں۔ اسکے زیر اثر:</p> <ul style="list-style-type: none"> • 31 اگست تک تھرپاکر، بدین، ٹنڈوالہوار، حیدرآباد، ٹنڈو محمد خان، ٹنڈوالہار، یار، شیاری، عمرکوٹ، میرپور خاص، ساگھڑ، جامشورو، دادو اور شہید بینظیر آباد کے اضلاع 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۔ • 31 اگست تک گھوگئی، سکھر، خیرپور، کشور، قمبر، شہدادکوٹ، لاڑکانہ، نوشہرہ فیروز، جیکب آباد اور شکارپور کے اضلاع میں اور کراچی ڈویژن میں وقفے وقفے سے گرج چمک - تیز ہواؤں کے ساتھ چند مقامات پر موسلا دھار اور کہیں کہیں شدید موسلا دھار بارش کا امکان ہے۔ <p>ملک بھر میں:</p> <ul style="list-style-type: none"> • موسلا دھار بارشوں سے تھرپاکر، بدین، ٹنڈوالہوار، حیدرآباد، ٹنڈو محمد خان، ٹنڈوالہار، شیاری، عمرکوٹ، میرپور خاص، ساگھڑ، جامشورو، دادو، شہید بینظیر آباد کے اضلاع اور کراچی ڈویژن میں اربن فلڈنگ / رین فلڈنگ کا امکان ہے۔ • موسلا دھار بارش کی وجہ سے گھوگئی، سکھر، خیرپور، کشور، قمبر، شہدادکوٹ، لاڑکانہ، نوشہرہ فیروز، جیکب آباد اور شکارپور کے اضلاع کے نشیبی علاقوں میں مقامی طور پر پانی جمع ہو سکتا ہے۔ • شدید بارشوں کے باعث کیر تھر 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۔ • شدید بارشوں / آندھی اور گرج چمک کے باعث روزمرہ کے معمولات متاثر ہونے، کمزور انفراسٹرکچر (کچے گھر / دیواریں، بجلی کے کھمبے، بل بورڈز، سولر سٹیل وغیرہ) کو نقصان کا اندیشہ۔ • پیش گوئی کی مدت کے دوران سمندر میں طوفانی سے شدید طوفانی کا امکان ہے۔ • ہائی گیروں کو متاثرہ یا جاتا ہے کہ وہ 31 اگست تک کٹے سمندر میں نہ جائیں۔ <p>نوٹ: تمام ملحقہ اداروں کو "الٹ" رہنے اور کسی ناخوشگوار واقعہ سے بچنے کے لیے تمام ضروری اقدامات کرنے کی ہدایت کی جاتی ہے۔</p>	<p>مون سون الرٹ</p>
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کراچی ڈویژن کیلئے اگلے تین دن کے موسم کی پیش گوئی

موسمی عناصر	بدھ (28 اگست)	جمعرات (29 اگست)	جمعہ (30 اگست)
موسم	ابر آلود رہنے کے ساتھ وقفے وقفے سے گرج چمک - تیز ہواؤں کے ساتھ بارش اور چند مقامات پر موسلا دھار بارش کا امکان	ابر آلود رہنے کے ساتھ وقفے وقفے سے گرج چمک - تیز ہواؤں کے ساتھ بارش اور چند مقامات پر موسلا دھار بارش کا امکان	ابر آلود رہنے کے ساتھ وقفے وقفے سے گرج چمک - تیز ہواؤں کے ساتھ بارش اور چند مقامات پر موسلا دھار بارش کا امکان
زیادہ سے زیادہ درجہ حرارت	28 - 30 °C	28 - 30 °C	28 - 30 °C
کم سے کم درجہ حرارت	26.0 °C	24 - 26 °C	24 - 26 °C
صبح کے وقت ہوا میں نمی	92 %	80 - 90 %	80 - 90 %
شام کے وقت ہوا میں نمی	70 - 80 %	75 - 85 %	75 - 85 %
ہوا کی سمت	شمال / شمال مغرب سے	شمال / شمال مغرب سے	شمال / شمال مشرق سے

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