

WESTERN CENTRAL RAILWAY

JOINT PROCEDURE ORDER

ACTION PLAN FOR WEATHER/CYCLONE WARNINGS

No. W-HQ/Bridge/Monsoon Prec.

Date: 29.04.2016

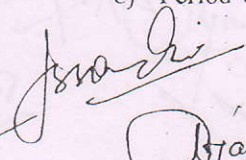
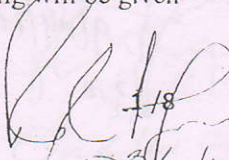
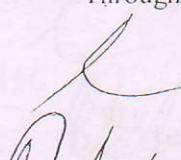
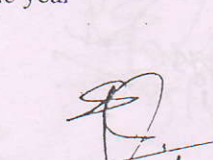
1.0 SCOPE

- 1.1 This Joint circular supersedes all other previous circular/instructions, if any, on the above subject & comes into force with immediate effect.
- 1.2 The circular is in no way exhaustive and every possible action has to be taken by railway officers and staff with prudence and promptitude to safeguard the railway property and ensure the safety of travelling public during such occasions.
- 1.3 The three divisions of this Railway i.e., Jabalpur, Bhopal, Kota are spread over the Geographical jurisdiction of three states i.e. Madhya Pradesh, Rajasthan, Uttar Pradesh state. The areas covered by the meteorological Centre are given in Annexure-A.
- 1.4 Disruption of traffic can take place due to heavy rains, storms and landslide. This Joint circular gives the important guide lines in regard to receipt and transmission of the warning messages and action to be taken immediately for the safety of the passenger covering the aspects of weather warnings (pertaining to heavy rains).
- 1.5 A copy of this Joint Circular should be available in each Control Office, Station Master Office and with all Engineering and other Divisional Officers, sub divisional ADENs and Permanent Way, Works, Bridges and Traffic Inspectors.
- 1.6 This JPO will supplement Appendix VIII of Accident Manual, West Central Railway, 2004.

2.0 WEATHER WARNING MESSAGE

- 2.1 Arrangement exists with the Meteorological Department, Govt. Of India for issuing of e-mail, whenever heavy rainfall are expected, the conditions under which warnings are issued are detailed below as per IMD guidelines:

- | | |
|---|---|
| a) Amount of rainfall considered dangerous- | 50 mm and above in 24 hrs except for Zone 1, where the corresponding figure will be 100 millimeter and above in 24 hrs. |
| b) Wind velocity considered dangerous - | 72 KMPH & above as per SR 2.11.3 |
| c) Period when warning will be given - | Throughout the year |

29/4/16
 COM
 29/4/16
 29/4/16
 29/4/16

2.2 Terminology used in Meteorological Bulletins of IMD:-

2.2.1 Intensity of precipitation

Rainfall amount (in mm in 24 hrs)	Description
Less than 10 mm	Light Rain
10-30 mm	Moderate rain
31-64.4 mm	rather heavy rain
64.4-124.4 mm	heavy rain
124.5 - 224.4 mm	very heavy rain

2.2.2 Spatial Distribution

The area over which the phenomenon like rainfall is expected to occur:

- Isolated (At one or two places) : 25% or less of total area under consideration
- At few places (scattered) : between 25%-50% of total area
- At many places (fairly widespread) : between 50%-75% of total area
- At most places (widespread) : more than 75% of total area

3.0 Weather warning

The various IMD regional centers will issue heavy rainfall warnings or cyclone warnings to the Engineering Controller, West Central Railway HQ and Engineering Controllers of Divisions by email. Further, the Meteorological Department is updating the weather warning message in their official websites regularly, which can be watched in case of any doubt or their duty officer can be contacted over phone.

3.1 Cyclone Warning:

The cyclone warning will be issued by IMD in two stages. The first stage warning is issued as soon as the cyclone storm is located at such a distance from the coast that is expected to cause bad weather over the coast during the next 48 hours. This is followed by second stage warning message wherein there is actual threat of cyclone over the area. Subsequently also, messages giving the latest cyclonic situation are issued by the cyclone warning centres till the danger to the area is over.

[Handwritten signatures and dates follow]

29/04/16

2/8

29/4

29/4/16

29/04/16

3.1.1 Website address and phone no. Of Indian Meteorological department

Sl.N o.	IMD Centre & portion of WCR covered	Website Address	City Code	Telephone Nos.
1	IMD centre, Bhopal. MP state	http://www.imdbhopal.gov.in E mail:-mausambhopal@rediffmail.com	0755	2552496,255149 6. Fax- 2577541,255274 3
2.	Regional Meteorologi cal Centre,Nagp ur. MP state	http://www.imdnagpur.gov.in E mail:-rmcnagpur@imd.gov.in E-mail:- amo.avi.nagpur@gmail.com	0712	0712-2283394, 2282397,228239 8, 2282157 Fax : 2284266
4.	IMD centre,Jaipur Rajasthan and UP state	http://amssdelhi.gov.in/Nigam/JAIPUR30/ index.html Email:- mcjaipur@rediffmail.com, mcjaipur2007@yahoo.com		Phone:- 0141 - 2790194, 2793254, 2791222, 2173733 Fax:- 0141- 2793254
	Regional Meteorologi cal Centre,New Delhi. Rajasthan and UP state	http://amssdelhi.gov.in/ E-mail: rmc_nd@yahoo.co.in. E-mail: amss20042000@yahoo.co.in		Phone011- 24629096,25602 523 Fax: 011-24690279 011-25652398

4 Dissemination of Message within Railway

On receipt of Weather warning messages in the Control Office, the following action will be taken: -

(a) Action by the Control Office.

(i) The Chief Controller and Engineering Controller or in his absence the Dy. Chief Controller and Engineering Controller must immediately repeat the weather warning message verbatim on the telephone or on Cellular/mobile telephone wherever provided followed by a written message to the DRM/Sr. DOM/Sr. DEN/DEN and ADEN when his Headquarters is at the same station.

29/4/16
 29/4
 29/4/16
 29/4/16
 29/4

then be responsible for ensuring that the contents of the telegram are communicated verbatim to the Engineering Officers at the station concerned.

(ii) The S.M. on duty will also send for the SSE/SE(P Way), Mate of the station, yard gang, explain to him the contents of the message and obtain his acknowledgement.

(iii) A register will be maintained at each station in the proforma given below: -

Date and time of Receipt	Text of the Message in full	Name and designation of official to whom message was repeated	Signature of the S.M.

The office copy of the message on which an acknowledgement has been given should also be pasted in the register.

(c) Action by the SSE/SE(P.Way):-

(i) The SSE/SE(P.Way) on receipt of weather warnings will take steps in terms of PCE's.

Circular and arrange to advise Monsoon Patrollers, static watchmen and Gang mates to be extra vigilant.

(ii) During the fair season, he will introduce monsoon patrolling as soon as possible and post watchmen at all vulnerable locations and bridges by day as well as by night for a period extending upto 48 hours beyond the period specified in the weather warning message.

(iii) Should there be very heavy rain or a severe storm during the period, whether during the monsoon or fair season, the mate and gangmen, on their own initiative, shall commence monsoon patrolling by day as well as by night for the duration of the warning and 48 hours beyond.

(iv) The SSE/SE(PWay) should be out on his Section as far as possible by trolly, during the period of warning and 48 hours beyond.

(d) Action by the Gangmate:- On receipt of advice from the S.M. the Gangmate will take the following action:-

(i) During the fair season, the mate will depute two reliable Gangmen provided with patroller's equipment for patrolling the block section on either side and for alerting the intermediate gang mates.

(ii) During Monsoon period, the mate of the station yard gang will send two gangmen in opposite directions to alert intermediate gangmates, patrolmen and watchmen.

(e) Action by Lobby Supervisors :- On receipt of the weather warning message, the lobby supervisor should display the weather warning message on the Notice board in the lobbies for information of the running staff.

[Handwritten signatures and dates at the bottom of the page]
5/8
29/04/16
28/4/16

(f) **Action by Loco Pilots and Guards :-** On getting the information of the weather warning from the Notice Board in the Lobby they should be more vigilant and cautious during the journey and take necessary action as laid down in SR 2.11.2 and SR 2.11.3 and in circulars issued from time to time on monsoon precautions.

5. A copy of the Circular should be available in each Control and Station Master's Office and with each SSE/SE(PWay).

6. A Booklet on "Monsoon Precautions" shall be issued by Sr.DEN(Co) of the division by 31st May each year. All concerned staff of the division should be conversant with the arrangement made/instructions contained therein.

7. **Action by Traction power controller**

The Traction Power Controller of the division should immediately repeat the weather /cyclone warning message verbatim on Control telephone to all concerned AEE, OHE/PSI Depot in charge of the section likely to be affected for taking adequate steps so as to be in readiness for meeting any eventualities, and then circulate the contents of the message to the Officers concerned in Division Headquarters office: The TPC-shall always be in a state of readiness to take quick and prompt action to tackle the situation. He will keep continuous liaison with the field officials, HQ officers, apart from the neighbouring divisions, for seeking help as the circumstances warrant.

i) The AEEs will be in their respective Headquarters. Their further movements depending upon the damages cause to OHE/PSI Installations due to cyclone guided by Sr.DEE/TRD.

ii) All Senior Supervisors and Officers of the TRD branch should also keep the TPC informed of their movements. Those instructions also apply to other key personnel.

8. **Action by OHE/PSI Depot in charge-**

i) The OHE/PSI depot In charge on receipt of Weather/cyclone warning shall be in a state of realness to meet any eminency for arranging emergency staff to be vigilant aid be available in Headquarter. They shall be in readiness to move at a short notice.

ii) Keep all the breakdown vehicles such as tower cars, trucks, Jeeps, motor trolleys wiring train etc. in good fettle, and keep stock of good amount of diesel. Head lights of all break down vehicles to be kept in good working condition including spare lamps.

iii) Ladder trollies, Breakdown T& P, axes, saws, ladders and emergency tools with full components to be kept ready.

iv) Temporary masts to be identified and check for availability of complete assembly and all ready to use OHE breakdown material like temporary masts, conductors, insulators fittings shall be loaded in to breakdown vehicles and kept ready.

v) In case of any RC communication / SCADA failures, switching stations to be identified and manning to be arranged on need basis.

Janaki

Dham
COM

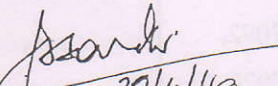
Shankar

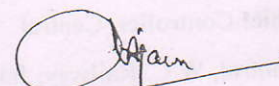
6/8
29/09/16

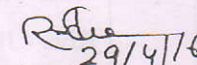
29/09/16
29/09/16

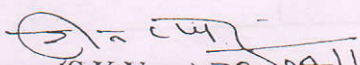
29/09/16

- vi) Generator sets, portable flood lights, lighting arrangements for tower car, to be kept in good fettle.
- vii) Walkie talkie sets to be kept in good charging condition, emergency telephones to be kept ready.
9. Electrical general services wing of the division shall ensure the following to be in readiness:-
- Sufficient stock of fuel available to run DG sets for 24 hrs.
 - At least 2 portable DG sets at each depot in good condition.
 - 4 Nos. of portable weather proof tents including requirement of Electrical and S&T staffs.
 - List of Contractors capable of providing DG sets with operator at site and their telephone numbers and arrangements for deployment at short notice.
10. Action to be taken by CPRO:
CPRO will coordinate with other departments of the Railway and take suitable action regarding public announcements to be made through Doordarshan, All India Radio and the press and any other measures as found necessary.
11. Action to be taken by C.M.D:
On receipt of request from the officers in charge at site, Medical Personnel may be posted at the stations where trains are regulated to provide medical facilities to the stranded passengers.
CMS will also co-ordinate with the emergency officers at site and take suitable steps as required to meet situation.
12. Action to be taken by C.S.T.E.:
Sr. DSTEs of affected division will co-ordinate with other departments of the Railway by providing telecommunication facilities at site linking Headquarters, Divisions, etc. as per the need. He will maintain co-ordination with HQ for maintenance of voice and Data traffic.


(J.S. Sondhi) 29/4/16
PCE

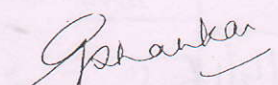

(Ajit Kumar Jain)
COM

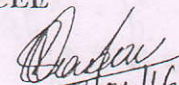

R N SUNKAR
CSO

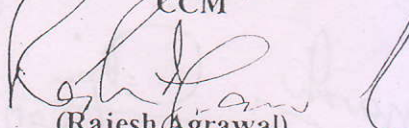

(S.K. Vyas) 29/04/16
CSTE


(S.N. Singh) 29/4/16
CEE


(Manoj Seth) 29/4/16
CCM


(Dr. Girija Shankar)
CMD


(Surendra Yadav)
CPRO


(Rajesh Agrawal)
CME 29/4/16

(10)

Annexure - A

List of zones on W.C. Railway with their area covered by each zone for which weather bearing message are required

Zone No.	Area covered by the Zone	Postal addresses of officials to whom warning telegrams should be addressed	BSNL Telephone No.	Regional metrological center region issuing warning
ZONES COVERED BY BHOPAL METROLOGICAL CENTRE :				
1.	Itarsi - Jabalpur, Jabalpur - Satna, Satna - Manikpur, Bina - Katni, Katni - Singrauli, Satna - Rewa,	Chief Engineer, W.C. Railway, Jabalpur Chief Controller, Jabalpur Chief Controller, Central Control, W.C. Railway, Jabalpur SSE/Engg./Central Control/HQ SSE/Engg./Control/ Jabalpur	0761-2677095 0761-2677092 0761-2627382 0761-2677070, 0761-2677071, 0761-2626229 0761-2679020	Area Colony Bhopal - do -
2.	Itarsi - Bina, Bina - Guna, Itarsi - Khandwa, Guna - Gwalior, Guna - Maksi	Chief Controller, Bhopal Chief Engineer, W.C. Railway Jabalpur Chief Controller, Central Control, W.C. Railway, Jabalpur SSE/Engg./Control/Bhopal	0755-2587210, 0761-2677095, 0761-2677092, 0761-2677070, 71 0755-2457168 09752416225	- do -
3.	Ruthiyai - Kota, Kota - COR, Kota - Nagda, Kota - Mathura, Kota - JLWC	Chief Controller, Kota Chief Engineer, W.C. Railway Jabalpur, Chief Controller, Central Control, W.C. Railway, Jabalpur SSE/Engg./Control/Kota	0744-2440201, 0744-2463289, 0761-2677095, 0761-2677092, 0761-2677070, 71, 0744-2467260, 09001017222	- do -

Handwritten signature

Handwritten signature
COM

Handwritten signature
Ghoshkar

Handwritten signature
29/04/16

Handwritten signature
29/04/16

Handwritten signature
29/4/16

Handwritten signature
29/4/16