



No.FWA-2010-122-J-1
Government of Gujarat,
Narmada, Water Resources, Water Supply &
Kalpsar Department,
Sachivalya, Gandhinagr.
Dated : 15/02/2010

To,
The Superintending Engineer,
(All)

Subject :- Implementation of Real time analysis & Flood Forecasting Models

Reference: : The Secretary (W.R) N.W.R,W.S & Kalpsar Deptt Note No.Sec. (W.R) / 503 /2010. Dated : 8-2-2010.

Water Resources Department have developed Real time analysis & Flood Forecasting models for the irrigation projects.

Implementation of new rain gauge stations by WRI is required to be completed before monsoon 2010 for Five Pilot Projects as well as demand of other project circles, where existing rain gauge stations are under the jurisdiction of other departments. Implementation of new river gauge stations by WRI for five pilot projects where existing river gauge stations are under the jurisdiction of other department or closed down by the W.R.I.

Installation of automatic rain gauge, river gauging stations for five pilot projects Guhai, Panam, Karjan, Bhadar, Watrak should be completed by WRI before next monsoon.

Data availability requirement for pilot projects.

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| (i) | Rain gauge Station - | One hour interval from W.R.I |
| (ii) | River gauge Station - | One hour interval from W.R.I |
| (iii) | Reservoir Level gate opening & discharge. | One hour interval from concerned Focal Office |

Finalization of calibration of model by LASA under assistance from C.D.O will be completed by Feb 2010 and trial testing of model for any single pilot basin should start from 1-4-2010 (One full day mock testing of model through SMS Data transfer on 1/4/2010, 1/5/2010, 15/5/2010) to find out difficulties encountered during hourly data transmission. Mobiles numbers of persons related with flood management should be provided to the central flood control cell in the month of May 2010.

Network availability at Juna Mosada & Dumkal 'Rainguage station should be ensured by WRI before monsoon 2010.

Data validatin was done up to December 2008 by Data Center & WRI, Remaining data validation up to 2009 should be completed before monsoon 2010, by WRI & Data Center.



(B. S. Patel)

Officer on Special Duty (W.R)
Narmada Water Resources, Water Supply &
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Gandhinagar.

- The Personal Secretary to the Secretary (W.R), Narmada Water Resources, Water Supply & Kalpsar Department, Sachivalya, Gandhinagar.
- The Chief Engineer & Additional Secretary (All) Narmada Water Resources, Water Supply & Kalpsar Department, Sachivalya, Gandhinagar.
- Select file.