WRMIS User Manual

FEWS

**DEVELOPMENT OF WATER RESOURCES
MANAGEMENT INFORMATION SYSTEM (WRMIS)
AND DECISION SUPPORT SYSTEM (DSS)**

NESPAK

Version 1.0

March 29, 2017

Revision History

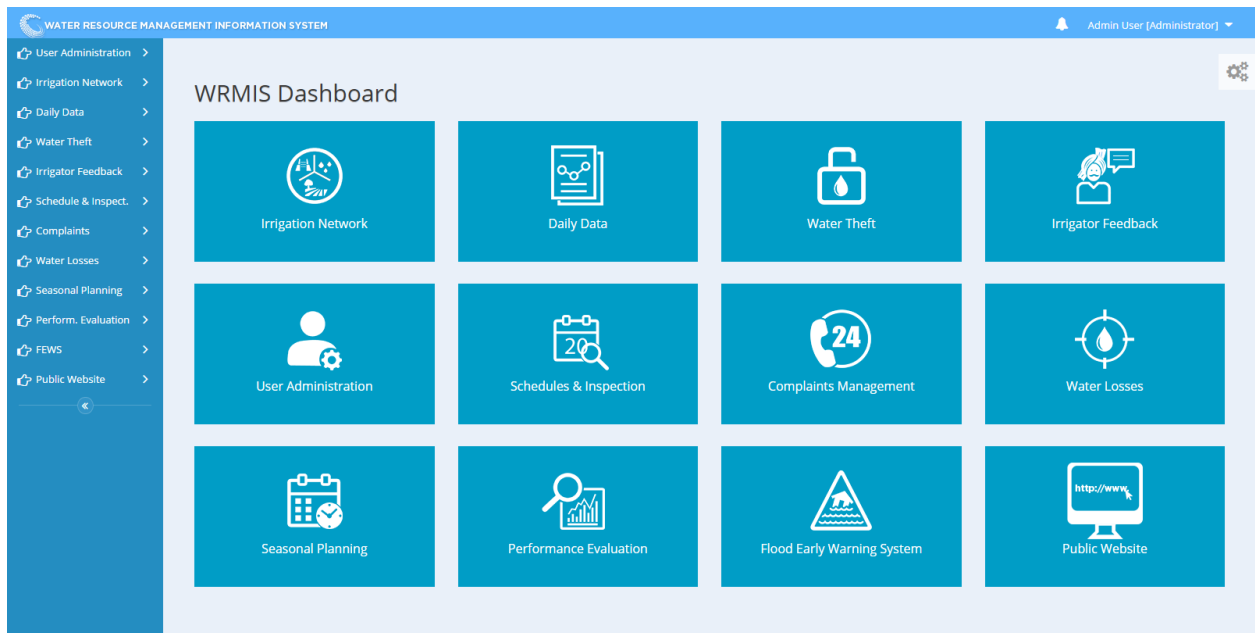| Version	Date	By	Summary of Changes
1.0	23-Aug-16	NESPAK	Initial Draft

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1. FEWS:-

This module provides an interface to view FEWS screen.

Business User: Administrator

Any other user can access "FEWS" based on assigned rights from Roles and Rights (User Administration)

Pre-Requisite: Data should be available for the selected command and channels.
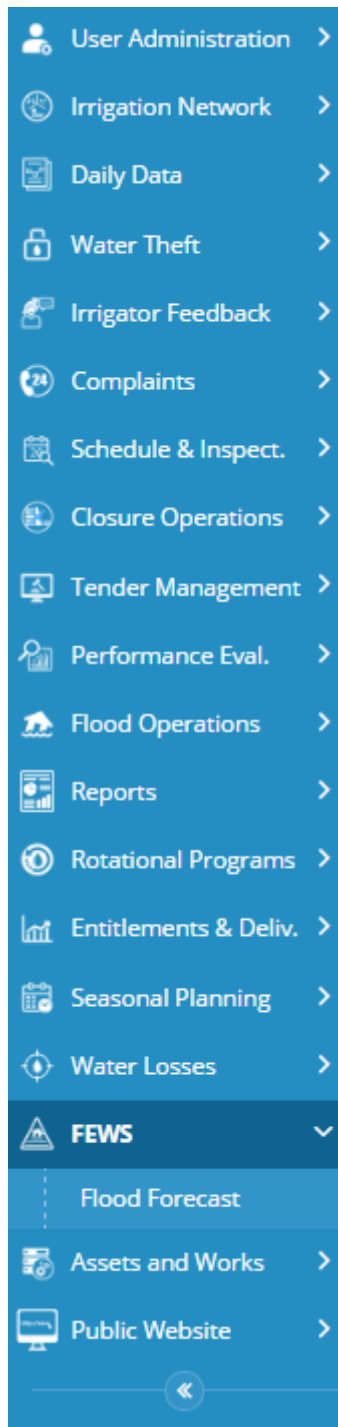
1.1   Flood Early Warning System

This modules provides the FEWS screen

How to Access: Main Menu -> FEWS- > Flood Forecast

- 👤 User Administration >
- 🕙 Irrigation Network >
- 🗓 Daily Data >
- 🔒 Water Theft >
- 🔧 Irrigator Feedback >
- 📞 Complaints >
- 📋 Schedule & Inspect. >
- 🔘 Closure Operations >
- 🖥 Tender Management >
- 📊 Performance Eval. >
- 🏠 Flood Operations >
- 📊 Reports >
- ◎ Rotational Programs >
- 📊 Entitlements & Deliv. >
- 🗓 Seasonal Planning >
- ◈ Water Losses >
- ⚠ **FEWS** ˅
  - Flood Forecast
- 🖥 Assets and Works >
- 🖥 Public Website >

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Flood Early Warning System

Flood Forecast for Rim and Downstream Stations

Date/Time of Issue 27-Jul-2010 , 12:00 (PST) ①

River	Station	Design Capacity	Forecast for next 30 days (Max. Downstream)	Forecast for next 30 days (Time of Max. Downstream)	Danger Level (Very High Flood)
②	Tarbela	1500,000	602,999	30-Jul-2010 06:00 AM	650,000
	Kalabagh	950,000	780,914	30-Jul-2010 11:00 PM	650,000
	Chashma	950,000	773,109	11-Aug-2010 10:00 AM	650,000
INDUS	Taunsa	1100,000	715,966	03-Aug-2010 03:00 AM	650,000
	Guddu	1200,000	720,051	27-Jul-2010 12:00 PM	700,000
	Sukkur	900,000	676,028	09-Aug-2010 12:00 PM	700,000
	Kotri	850,000	277,193	11-Aug-2010 12:00 PM	650,000
JHELUM	Mangla	1060,000	43,063	27-Jul-2010 12:00 PM	225,000
	Rasul	850,000	43,472	27-Jul-2010 12:00 PM	225,000
	Marala	1100,000	7,812	27-Jul-2010 12:00 PM	400,000
	Khanki	800,000	8,365	27-Jul-2010 12:00 PM	400,000
CHENAB	Qadirabad	900,000	8,458	27-Jul-2010 12:00 PM	400,000
	Trimmu	645,000	53,377	27-Jul-2010 12:00 PM	450,000
	Panjnad	700,000	33,924	27-Jul-2010 12:00 PM	450,000
	Jassar	275,000	3,809	27-Jul-2010 12:00 PM	150,000
RAVI	Shahadara	250,000	4,210	27-Jul-2010 12:00 PM	135,000
	Balloki	225,000	4,546	27-Jul-2010 12:00 PM	135,000
	Sidhnai	150,000	5,465	27-Jul-2010 12:00 PM	90,000
SUTLEJ	Feroz	-	1,766	27-Jul-2010 12:00 PM	-
SUTLEJ	Sulemanki	325,000	1,766	27-Jul-2010 12:00 PM	175,000
	Islam	300,000	1,281	27-Jul-2010 12:00 PM	175,000

Flood Forecast:

① Date/Time of issue

27-Jul-2010 , 12:00 (PST)

- System shows the date of last record available into the database.

② Hypertext

Chashma

- Click on hyper link and the system will navigate the user to respective record.

Station

- Upon clicking on Station name, system navigates user to station main screen

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Time of Issue

- System shows the time of issue available in database
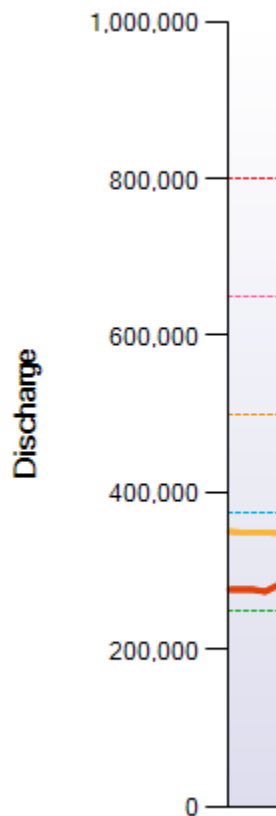
2

Forecast Time

Forecast Time   27-Jul-2010 , 12:00 (PST)

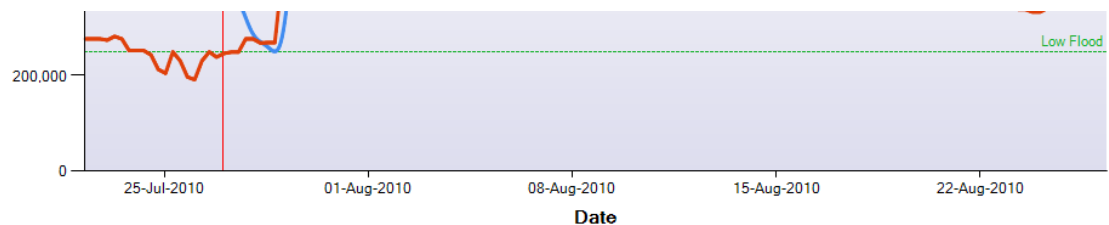- System shows the forecast time available in database

3 **Discharge**

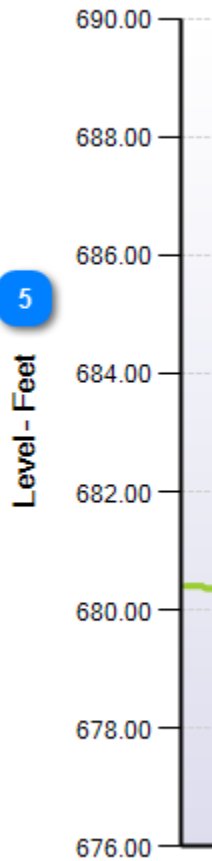- Vertical section of graph shows discharge level

4 **Date**

- Horizontal section of the graph shows date against each discharge level

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Level-Feet

- Lower graph of the station screen shows the water level against clicked
  station