HYDROMETCENTRE OF RUSSIA

SOCIO-ECONOMIC BENEFITS OF METEOROLOGICAL AND HYDROLOGICAL SERVICES

INVENTORY OF DECISION SUPPORT TOOLS

ITEM	DESCRIPTION
Sector	Agriculture
Sub-sector	Drought Assessment
Tool Name	Atmospheric Drought (AD)
Tool Description	The AD is a system that contains maps, graphs and reports to demonstrate the production situation in the atmosphere for major industrial systems, as well as the state of their climatic drivers.
Weather, Climate or Water inputs	Climate data relevant to temperature and precipitation
Specific weather, climate, water data required	Rainfall Stations, Rainfall Averages, Temperature Averages
Spatial resolution	Station and Areal Data
Temporal resolution	10-days, monthly
Delivery methodology	Historical and operational data
Frequency of data requirement	Updated daily, 10 days and monthly.
Other	
Detailed Tool Description	The primary purpose of AD Assessment will be to streamline the application and assessment process through presenting the special indexes required for a determination of droughts.
Spatial resolution	Defined regional areas up to Subjects end District of the Federation
Temporal resolution	User determined, monthly data provided
Delivery methodology	Consolidated information on recent climate variability of temperature and precipitation anomalies.
Frequency of provision	As required.
Other	
Benefits of tool application	The objectives of the project are: To contain relevant and comprehensive data that is user friendly and client focused; To provide a centralised access point for that data; To provide quicker and cheaper access to data than existing sources; To enhance the timely identification of an emerging AD event; To identify the longer term uses for other applications, for example more objective state drought declarations, improved approaches to risk management.
Possible future advances	Could possible evolve to a website management tool.
Comments	
URL	

Others	