

## LIST OF AGRICULTURAL AND METEOROLOGICAL SOFTWARES

Name	Version	Short description	Cost	Links to pages
RDIT	1.0	User friendly software for calculating rain-based drought indices and severity	44.95\$	<a href="#">Rain-based Drought Indices Tool</a>
DMAP	1.0 and 2.0	A unique software for monitoring and prediction drought and severity. It has database over the world for Rain and PET. User can input data in excel, text, csv and NetCDF format.	---	<a href="#">Drought Monitoring And Prediction</a>
KNN-WG	1.0	A windows software for generating weather data based knn method and comparesion with other models	34.95\$	<a href="#">KNN Weather Generator</a>
KNN-WG	1.1	This version is same as version 1.1 but the user can run N-times and ensemble the outputs. The user can plot various graphs.	44.95\$	<a href="#">KNN Weather Generator</a>

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Netcdf-Extractor	1.0 and 1.1	This is a software for extract time series from nc or nc4 files, specially CMIP5 netcdf files.	34.95\$	<a href="#">Netcdf Extractor</a>
Netcdf-Extractor	2.0	In this version user can merge many nc files and extract once.	44.95\$	<a href="#">Netcdf Extractor</a>
Netcdf-Extractor	2.1	We add heatmap and contour graphs in this version.	54.95\$	<a href="#">Netcdf Extractor</a>
MDM	1.0	It is a software for calculating meteorological drought indices.	Free	<a href="#">Overview of MDM</a>
KBDIS	1.0	You can calculate KBDI(Keetch-Byram Drought Index) by KBDIS and plot graphs.	Free	<a href="#">Keetch-Byram Drought Index Software</a>
Rotation Coordinate based on Cordex Domains	1.0	This tool can convert non-rotated coordinate to rotated coordinate and vice versa. The pivot of rotations is	Free	<a href="#">Cordex Rotation</a>

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based on CORDEX domains.

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CRUP	1.0	CRUP can present Tmax for your coordinate and draw trend line based on CRU data.	Free	<a href="#">CRU Presenter</a>
PADE	1.0	PADE prepare AgMerra rainfall data for any point in Punjab and convert it to monthly, daily, rowly, and columnar. It can save data to excel or pdf.	Free	<a href="#">PADE</a>
SD-GCM	* Private Use	A software for statistical downscaling in 3 methods.	399\$	<a href="#">Statistical Downscaling of General Circulation Models</a>
CORDEX Data Extractor	* Private Use	This tool is a desktop windows software for extracting data from CORDEX NetCDF file.	119\$	<a href="#">CORDEX Data Extractor</a>

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