HUTCHINSONDROUGHTINDEX

Ivan C. Hanigan[1]

January 11, 2012

[1] National Centre for Epidemiology and Population Health,
Australian National University.

Contents

1 Study Description

Study ID= hutchinsondroughtindex

Table 1: File list

X	FILENAME	FILETYPE
1	github repo	Script
2	Hutchinson Drought Index.pdf	Document
3	ABS Statistical Divisions boundaries	Geography
4	HQ_monthly_prcp_stations.csv	Raw data

Table 2: Study Abstract

abstract
The Hutchinson Drought Index reflects agricultural droughts using only rainfall data

Table 3: Study Description

ddi_element	study_details
PKEY	1803
TITL	Hutchinson Drought Index
IDNO	HUTCHINSONDROUGHTINDEX
production_date_metadata	2012-01-09 00:00:00.0
authoring_entity_of_data	Ivan Hanigan
DATAKIND	COMBINED
NOTES	NCEPH Restricted

1.1 File 1 github repo

Dataset ID= hutchinsondroughtindex_3100

Dataset Name = HUTCHINSONDROUGHTINDEX_github repo

Table 4: File Notes

FILE.NOTES
Test of github

Table 5: File Description

ddi_element	file_details
FILEID	3100
IDNO	HUTCHINSONDROUGHTINDEX
FILENAME	github repo
FILETYPE	Script
FILELOCATION	https://github.com/ivanhanigan/HutchinsonDroughtIndex
PUBLISHDDI	1
PRODDATEDOCFILE	2012-01-11 00:00:00.0

1.2   File 2 Hutchinson Drought Index.pdf

Dataset ID= hutchinsondroughtindex_3101

Dataset Name = HUTCHINSONDROUGHTINDEX_Hutchinson Drought Index.pdf

Table 6: File Notes

FILE.NOTES
Smith, D. I, Hutchinson, M. F, & McArthur, R. J. (1992) Climatic and
Agricultural Drought: Payments and Policy. (Centre for Resource and Environmental
Studies, Australian National University, Canberra, Australia).

Table 7: File Description

ddi_element	file_details
FILEID	3101
IDNO	HUTCHINSONDROUGHTINDEX
FILENAME	Hutchinson Drought Index.pdf
FILETYPE	Document
PROCSTAT	scanned
FILELOCATION	https://github.com/ivanhanigan/HutchinsonDroughtIndex/references
PUBLISHDDI	1
PRODDATEDOCFILE	2012-01-11 00:00:00.0

1.3 File 3 ABS Statistical Divisions boundaries

Dataset ID= hutchinsondroughtindex_3102

Dataset Name = HUTCHINSONDROUGHTINDEX_ABS Statistical Divisions boundaries

Table 8: File Notes

FILE.NOTES
NONE

Table 9: File Description

ddi_element	file_details
FILEID	3102
IDNO	HUTCHINSONDROUGHTINDEX
FILENAME	ABS Statistical Divisions boundaries
FILETYPE	Geography
FILEDSCR	Downloaded shapefiles
FILELOCATION	https://github.com/ivanhanigan/HutchinsonDroughtIndex/data/abs_sd
PUBLISHDDI	1

Table 10: Variable Descriptions

LABL	NOTES	SPECPERMVAR
STATE_CODE_2006	NSW = 1, VIC = 2	
SD_CODE_2006	capital cities are always x05	
SD_NAME_2006		

1.4 File 4 HQ_monthly_prcp_stations.csv

Dataset ID= hutchinsondroughtindex_3103

Dataset Name = HUTCHINSONDROUGHTINDEX_HQ_monthly_prcp_stations.csv

Table 11: File Notes

FILE.NOTES
NONE

Table 12: File Description

ddi_element	file_details
FILEID	3103
IDNO	HUTCHINSONDROUGHTINDEX
FILENAME	HQ_monthly_prcp_stations.csv
FILETYPE	Raw data
PROCSTAT	download
FILEDSCR	station location data
FILELOCATION	https://github.com/ivanhanigan/HutchinsonDroughtIndex/data/bom_HQ_mo
PUBLISHDDI	1
PRODDATEDOCFILE	2012-01-11 00:00:00.0

Table 13: Variable Descriptions

LABL	NOTES	SPECPERMVAR
V1	station number	
V2	latitude	
V3	longitude	
V4	altitude	
V5	name	