Bureau of Meteorology Spatial Data

Products

- IDM00001 – forecast districts
- IDM00003 – marine zones
- IDM00004 – rainfall districts
- IDM00005 – tropical cyclone service areas
- IDM00006 – high seas forecast areas
- IDM00007 – fire weather districts
- IDM00013 – point places (precis, fire, marine)
- IDM00014 – metropolitan and other forecast areas
- IDM00015 – ocean wind warning areas
- IDM00016 – tsunami warning zones (*not operational until April 2018)
- IDM00017 – flood catchment areas
- IDM00018 – river forecast sites
- IDM00019 – river observation sites
- IDM00020 – flood watch areas
- IDR00006 – radar coverage
- IDR00007 – radar location

Files can be found at: ftp://ftp.bom.gov.au/anon/home/adfd/spatial/

Format

ESRI Shapefile

Attributes

AAC – AMOC Area Code, e.g. WA_MW008
AAC_PARENT - The AAC of the parent catchment for sub-catchment areas. If the catchment has no sub-catchments, the AAC and AAC_PARENT will be identical. If the catchment has sub-catchments, AAC_PARENT is null. (flood and tsunami only)
DIST_NO – District number
DIST_NAME – District/catchment/sub-catchment name
GROUP_NAME – Name for a collection of districts, e.g. Southwest Land Division (public and fire weather only)
STATE_CODE – State code e.g. NSW
STATE_NAME - state name e.g. New South Wales
TYPE – Coastal zone type, i.e. coastal, inland or local (marine only)
PT_1_NAME – Coastal zone endpoint (marine only)
PT_2_NAME - Coastal zone endpoint (marine only)
SOURCE – Source of data (fire only)
PT_NAME – Point name (point only)
LON – Longitude of point location (point only)
LAT – Latitude of point location (point only)
PT_NO – Point number (point only)
PRECIS_FLG – flag for précis location (point only)
PRIORITY – priority of locations (point only)
LAND_FLAG – flag for land based locations (point only)
MAR_FLAG – flag for marine based locations (point only)
DISP_ORDER - used to sequence sub-catchments within flood warnings (flood only)
PRODUCT_ID - product identifier for flood warning XML (flood only)

OFFICE - Bureau office responsible for the warnings (tsunami warnings and flood only)

ATWS_Zones – The tsunami warning zone, e.g. Sydney Coast
TIME_ZONE – e.g. Australia/Sydney (tsunami warnings only)
EndPoint_1 – Coastal zone endpoint (tsunami warnings only)
EndPoint_2 – Coastal zone endpoint (tsunami warnings only)
TWZ - Tsunami Warning Zone Code
Prior_Town – priority towns (tsunami warnings only)
Sig_Locati – Significant locations (tsunami warnings only)
Child_Name - Name of additional Coastal Water Forecast Zones, excluding ATWS_Zones name (tsunami warnings only)
CWFZ_child - Coastal Waters Forecast Zone areas within the Tsunami Warning Zone

Further information

All datasets include the Australian Meteorological and Oceanographic Code (AMOC) Area Code, abbreviated to AAC. These codes can be used to link areas and sites to the Bureau's XML forecast products. Further information can be found in the Bureau's XML schema and AMOC schema.

Metadata for the spatial datasets is available from:
http://reg.bom.gov.au/reguser/by_prod/metadata/