



---

## WMAP: Weight Map

---

A weight map (WMAP) is a 2-D image that has been binned in detector coordinates (i.e. the DET column in a Chandra event list). This image can either be stored in the WMAP block of a spectrum created by [dmextract](#):

```
unix% dmextract "sources.evt2[bin pi]" sources.pi wmap="[bin det=8]"
```

or as an image by using the [DM binning syntax](#) with `dmcopy`:

```
unix% dmcopy "sources.evt2[energy=500:2000][bin det=8]" sources.wmap8
```

The WMAP is used as input to the [mkwarf](#) and [mkacisrmf](#) tools. Refer to the help files for those tools for more information on how it is used.

---

The Chandra X-Ray Center (CXC) is operated for NASA by the Smithsonian Astrophysical Observatory.  
60 Garden Street, Cambridge, MA 02138 USA.  
Smithsonian Institution, Copyright © 1998-2008. All rights reserved.

URL:  
<http://cxc.harvard.edu/ciao3.4/dictionary/wmap.html>  
Last modified: 15 December 2008

## Dictionary Entry - CIAO 3.4