

# ForcedWarpMeta

**Description:** Contains the metadata related to a sky-aligned distortion corrected warp image, upon which forced photometry is performed. The astrometric and photometric calibration of the warp image are listed.

Name	Unit	Data Type	Size	Default Value	Description
<b>forcedWarpID</b>	dimensionless	BIGINT	8	NA	Unique forced warp identifier.
<b>batchID</b>	dimensionless	BIGINT	8	NA	Internal database batch identifier.
<b>surveyID</b>	dimensionless	TINYINT	1	NA	Survey identifier. Details in the Survey table.
<b>filterID</b>	dimensionless	TINYINT	1	NA	Filter identifier. Details in the Filter table.
<b>frameID</b>	dimensionless	INT	4	NA	Frame/exposure identifier of the Frame associated with this warp.
<b>ippSkycallID</b>	dimensionless	INT	4	NA	IPP skycal identifier for the run that generated the positions for forced photometry.
<b>stackMetalID</b>	dimensionless	INT	4	NA	Identifier for the stack which yielded the positions for forced photometry.
<b>tessID</b>	dimensionless	TINYINT	1	0	Tessellation identifier. Details in the TessellationType table.
<b>projectionID</b>	dimensionless	SMALLINT	2	-1	Projection cell identifier.
<b>skyCellID</b>	dimensionless	TINYINT	1	255	Skycell region identifier.
<b>photoCalID</b>	dimensionless	INT	4	NA	Photometric calibration identifier. Details in the PhotoCal table.
<b>analysisVer</b>	dimensionless	VARCHAR(100)	100		IPP software analysis release version.
<b>md5sum</b>	dimensionless	VARCHAR(100)	100		IPP MD5 Checksum.
<b>expTime</b>	seconds	REAL	4	-999	Exposure time of the source frame/exposure for this warp image. Necessary for converting listed fluxes and magnitudes back to measured ADU counts.
<b>recalAstros_catX</b>	arcsec	REAL	4	-999	Measurement of the re-calibration (not astrometric error) in the X direction.
<b>recalAstros_catY</b>	arcsec	REAL	4	-999	Measurement of the re-calibration (not astrometric error) in the Y direction.
<b>recalNAstro_Stars</b>	dimensionless	INT	4	-999	Number of astrometric reference sources used in recalibration.
<b>recalphotos_cat</b>	magnitudes	REAL	4	-999	Photometric scatter relative to reference catalog.
<b>recalNPhoto_Stars</b>	dimensionless	INT	4	-999	Number of astrometric reference sources used in recalibration.
<b>psfModelID</b>	dimensionless	INT	4	-999	PSF model identifier.
<b>psfFWHM</b>	arcsec	REAL	4	-999	Mean PSF full width at half maximum at image center.
<b>psfWidMajor</b>	arcsec	REAL	4	-999	PSF major axis FWHM at image center.
<b>psfWidMinor</b>	arcsec	REAL	4	-999	PSF minor axis FWHM at image center.
<b>psfTheta</b>	degrees	REAL	4	-999	PSF major axis orientation at image center.
<b>photoZero</b>	magnitudes	REAL	4	-999	Locally derived photometric zero point for this warp image.
<b>ctype1</b>	dimensionless	VARCHAR(100)	100		Name of astrometric projection in right ascension.
<b>ctype2</b>	dimensionless	VARCHAR(100)	100		Name of astrometric projection in declination.
<b>crval1</b>	degrees	FLOAT	8	-999	Right ascension corresponding to reference pixel.

<b>crval2</b>	degrees	FLOAT	8	-999	Declination corresponding to reference pixel.
<b>crpix1</b>	sky pixels	FLOAT	8	-999	Reference pixel for right ascension.
<b>crpix2</b>	sky pixels	FLOAT	8	-999	Reference pixel for declination.
<b>cdelt1</b>	degrees /pixel	FLOAT	8	-999	Pixel scale in right ascension.
<b>cdelt2</b>	degrees /pixel	FLOAT	8	-999	Pixel scale in declination.
<b>pc001001</b>	dimensionless	FLOAT	8	-999	Linear transformation matrix element between image pixel x and right ascension.
<b>pc001002</b>	dimensionless	FLOAT	8	-999	Linear transformation matrix element between image pixel y and right ascension.
<b>pc002001</b>	dimensionless	FLOAT	8	-999	Linear transformation matrix element between image pixel x and declination.
<b>pc002002</b>	dimensionless	FLOAT	8	-999	Linear transformation matrix element between image pixel y and declination.
<b>processingVersion</b>	dimensionless	TINYINT	1	NA	Data release version.