PS1 ForcedMeanObject table fields

The starting point for the PS1 data archive is at Pan-STARRS1 data archive home page.

Description: Contains the mean of single-epoch photometric information for sources detected in the stacked data, calculated as described in Magnier et al. (2013). The mean is calculated for detections associated into objects within a one arcsecond correlation radius. PSF, Kron (1980), and SDSS aperture R5 (r = 3.00 arcsec), R6 (r = 4.63 arcsec), and R7 (r = 7.43 arcsec) apertures (Stoughton 2003) magnitudes and statistics are listed for all filters. References: Kaiser, N., Squires, G., and Broadhurst, T. 1995, ApJ, 449, 460; Kron, R. G. 1980, ApJS, 43, 305; Magnier, E. A., Schlafly, E., Finkbeiner, D., et al. 2013, ApJS, 205, 20; Stoughton, C., Lupton, R. H., Bernardi, M., et al. 2003, AJ, 123, 485.

| Name | Unit | Data Type | Size | Default Value | Description |
|-----------------------|-------------------|--------------|------|------------------|--|
| objID | dimensionl ess | BIGINT | 8 | NA | Unique object identifier. |
| uniquePspsFO id | dimensionl ess | BIGINT | 8 | NA | Unique internal PSPS forced object identifier. |
| ippObjID | dimensionl ess | BIGINT | 8 | NA | IPP internal object identifier. |
| randomForced ObjlD | dimensionl ess | FLOAT | 8 | NA | Random value drawn from the interval between zero and one. |
| nDetections | dimensionl ess | SMALLINT | 2 | -999 | Number of single epoch detections in all filters. |
| batchID | dimensionl ess | BIGINT | 8 | NA | Internal database batch identifier. |
| processingVer sion | dimensionl ess | TINYINT | 1 | NA | Data release version. |
| gnTotal | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in g filter. |
| gnIncPSFFlux | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in PSF flux mean in g filter. |
| gnIncKronFlux | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in Kron (1980) flux mean in g filter. |
| gnIncApFlux | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in aperture flux mean in g filter. |
| gnIncR5 | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R5 (r = 3.00 arcsec) aperture flux mean in g filter. |
| gnIncR6 | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R6 (r = 4.63 arcsec) aperture flux mean in g filter. |
| gnIncR7 | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R7 (r = 7.43 arcsec) aperture flux mean in g filter. |
| gFPSFFlux | Janskys | REAL | 4 | -999 | Mean PSF flux from forced single epoch g filter detections. |
| gFPSFFluxErr | Janskys | REAL | 4 | -999 | Error in mean PSF flux from forced single epoch g filter detections. |
| gFPSFFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of PSF fluxes from forced single epoch g filter detections. |
| gFPSFMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean PSF flux from forced single epoch g filter detections. |
| gFPSFMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean PSF flux from forced single epoch g filter detections. |
| gFKronFlux | Janskys | REAL | 4 | -999 | Mean Kron (1980) flux from forced single epoch g filter detections. |
| gFKronFluxErr | Janskys | REAL | 4 | -999 | Error in mean Kron (1980) flux from forced single epoch g filter detections. |
| gFKronFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of Kron (198) fluxes from forced single epoch g filter detections. |
| gFKronMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean Kron (1980) flux from forced single epoch g filter detections. |
| gFKronMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean Kron (1980) flux from forced single epoch g filter detections. |
| gFApFlux | Janskys | REAL | 4 | -999 | Mean aperture flux from forced single epoch g filter detections. |
| gFApFluxErr | Janskys | REAL | 4 | -999 | Error in mean aperture flux from forced single epoch g filter detections. |
| gFApFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of aperture fluxes from forced single epoch g filter detections. |

| gFmanthx55 Analysis REAL 4 -999 Error in magnitude from mean aperture flux from forced single epoch giller detections within an aperture of radius r = 3.00 arose ar | gFApMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean aperture flux from forced single epoch g filter detections. |
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| rnTotal dimension SMALLINT 2 -999 Number of forced single epoch detections in r filter. rnIncPSFFlux dimension ess SMALLINT 2 -999 Number of forced single epoch detections in PSF flux mean in r filter. rnIncKronFlux dimension ess SMALLINT 2 -999 Number of forced single epoch detections in Kron (1980) flux mean in r filter. rnIncApFlux dimension ess SMALLINT 2 -999 Number of forced single epoch detections in aperture flux mean in r filter. rnIncR5 dimension SMALLINT 2 -999 Number of forced single epoch detections in aperture flux mean in r filter. | gE1 | | REAL | 4 | -999 | Kaiser et al. (1995) polarization parameter e1 = (Mxx - Myy) / (Mxx + Myy) from forced single epoch g filter detections. |
| rnIncPSFFlux dimensionl ess SMALLINT 2 -999 Number of forced single epoch detections in PSF flux mean in r filter. rnIncKronFlux dimensionl ess SMALLINT 2 -999 Number of forced single epoch detections in Kron (1980) flux mean in r filter. rnIncApFlux dimensionl ess SMALLINT 2 -999 Number of forced single epoch detections in aperture flux mean in r filter. rnIncR5 dimensionl SMALLINT 2 -999 Number of forced single epoch detections in R5 (r = 3.00 arcsec) aperture flux mean in r filter. | gE2 | | REAL | 4 | -999 | Kaiser et al. (1995) polarization parameter e2 = (2 Mxy) / (Mxx + Myy) from forced single epoch g filter detections. |
| rnIncKronFlux dimension ess SMALLINT 2 -999 Number of forced single epoch detections in Kron (1980) flux mean in r filter. rnIncApFlux dimension ess SMALLINT 2 -999 Number of forced single epoch detections in aperture flux mean in r filter. rnIncR5 dimension SMALLINT 2 -999 Number of forced single epoch detections in R5 (r = 3.00 arcsec) aperture flux mean in r filter. | rnTotal | | SMALLINT | 2 | -999 | Number of forced single epoch detections in r filter. |
| rnlncApFlux dimensionI sMALLINT 2 -999 Number of forced single epoch detections in aperture flux mean in r filter. rnlncR5 dimensionI SMALLINT 2 -999 Number of forced single epoch detections in R5 (r = 3.00 arcsec) aperture flux mean in r filter. | rnIncPSFFlux | | SMALLINT | 2 | -999 | Number of forced single epoch detections in PSF flux mean in r filter. |
| rnlncR5 dimensionI SMALLINT 2 -999 Number of forced single epoch detections in R5 (r = 3.00 arcsec) aperture flux mean in r filter. | rnincKronFlux | | SMALLINT | 2 | -999 | Number of forced single epoch detections in Kron (1980) flux mean in r filter. |
| | rnIncApFlux | | SMALLINT | 2 | -999 | Number of forced single epoch detections in aperture flux mean in r filter. |
| ess | rnIncR5 | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R5 (r = 3.00 arcsec) aperture flux mean in r filter. |
| rnlncR6 dimension SMALLINT 2 -999 Number of forced single epoch detections in R6 (r = 4.63 arcsec) aperture flux mean in r filter. | rnIncR6 | | SMALLINT | 2 | -999 | Number of forced single epoch detections in R6 (r = 4.63 arcsec) aperture flux mean in r filter. |
| rnlncR7 dimensionI ess SMALLINT 2 -999 Number of forced single epoch detections in R7 (r = 7.43 arcsec) aperture flux mean in r filter. | rnIncR7 | | SMALLINT | 2 | -999 | Number of forced single epoch detections in R7 (r = 7.43 arcsec) aperture flux mean in r filter. |
| rFPSFFlux Janskys REAL 4 -999 Mean PSF flux from forced single epoch r filter detections. | rFPSFFlux | Janskys | REAL | 4 | -999 | Mean PSF flux from forced single epoch r filter detections. |
| rFPSFFluxErr Janskys REAL 4 -999 Error in mean PSF flux from forced single epoch r filter detections. | rFPSFFluxErr | Janskys | REAL | 4 | -999 | Error in mean PSF flux from forced single epoch r filter detections. |

| rFPSFFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of PSF fluxes from forced single epoch r filter detections. |
|---------------------|-------------------|------|---|------|---|
| rFPSFMag | AB | REAL | 4 | -999 | Magnitude from mean PSF flux from forced single epoch r filter detections. |
| | magnitudes | | | | |
| rFPSFMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean PSF flux from forced single epoch r filter detections. |
| rFKronFlux | Janskys | REAL | 4 | -999 | Mean Kron (1980) flux from forced single epoch r filter detections. |
| rFKronFluxErr | Janskys | REAL | 4 | -999 | Error in mean Kron (1980) flux from forced single epoch r filter detections. |
| rFKronFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of Kron (198) fluxes from forced single epoch r filter detections. |
| rFKronMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean Kron (1980) flux from forced single epoch r filter detections. |
| rFKronMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean Kron (1980) flux from forced single epoch r filter detections. |
| rFApFlux | Janskys | REAL | 4 | -999 | Mean aperture flux from forced single epoch r filter detections. |
| rFApFluxErr | Janskys | REAL | 4 | -999 | Error in mean aperture flux from forced single epoch r filter detections. |
| rFApFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of aperture fluxes from forced single epoch g filter detections. |
| rFApMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean aperture flux from forced single epoch r filter detections. |
| rFApMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean aperture flux from forced single epoch r filter detections. |
| rFmeanflxR5 | Janskys | REAL | 4 | -999 | Mean flux from forced single epoch r filter detections within an aperture of radius r = 3.00 arcsec. |
| rFmeanflxR5E rr | Janskys | REAL | 4 | -999 | Error in mean flux from forced single epoch r filter detections within an aperture of radius $r = 3.00$ arcsec. |
| rFmeanflxR5Std | Janskys | REAL | 4 | -999 | Standard deviation of forced single epoch r filter detection fluxes within an aperture of radius $r = 3.00$ arcsec. |
| rFmeanflxR5Fi II | dimensionl ess | REAL | 4 | -999 | Aperture fill factor for forced single epoch r filter detections within an aperture of radius r = 3.00 arcsec. |
| rFmeanMagR5 | AB magnitudes | REAL | 4 | -999 | Magnitude from mean flux from forced single epoch r filter detections within an aperture of radius $r = 3.00$ arcsec. |
| rFmeanMagR5 Err | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean flux from forced single epoch r filter detections within an aperture of radius $r = 3.00$ arcsec. |
| rFmeanflxR6 | Janskys | REAL | 4 | -999 | Mean flux from forced single epoch r filter detections within an aperture of radius $r = 4.63$ arcsec. |
| rFmeanflxR6E rr | Janskys | REAL | 4 | -999 | Error in mean flux from forced single epoch r filter detections within an aperture of radius r = 4.63 arcsec. |
| rFmeanflxR6Std | Janskys | REAL | 4 | -999 | Standard deviation of forced single epoch r filter detection fluxes within an aperture of radius r = 4.63 arcsec. |
| rFmeanflxR6Fi II | dimensionl ess | REAL | 4 | -999 | Aperture fill factor for forced single epoch r filter detections within an aperture of radius r = 4.63 arcsec. |
| rFmeanMagR6 | AB magnitudes | REAL | 4 | -999 | Magnitude from mean flux from forced single epoch r filter detections within an aperture of radius r = 4.63 arcsec. |
| rFmeanMagR6 Err | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean flux from forced single epoch r filter detections within an aperture of radius $r = 4.63$ arcsec. |
| rFmeanflxR7 | Janskys | REAL | 4 | -999 | Mean flux from forced single epoch r filter detections within an aperture of radius r = 7.43 arcsec. |
| rFmeanflxR7E rr | Janskys | REAL | 4 | -999 | Error in mean flux from forced single epoch r filter detections within an aperture of radius r = 7.43 arcsec. |
| rFmeanflxR7Std | Janskys | REAL | 4 | -999 | Standard deviation of forced single epoch r filter detection fluxes within an aperture of radius r = 7.43 arcsec. |
| rFmeanflxR7Fi II | dimensionl ess | REAL | 4 | -999 | Aperture fill factor for forced single epoch r filter detections within an aperture of radius $r = 7.43$ arcsec. |
| rFmeanMagR7 | AB magnitudes | REAL | 4 | -999 | Magnitude from mean flux from forced single epoch r filter detections within an aperture of radius $r = 7.43$ arcsec. |
| rFmeanMagR7 Err | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean flux from forced single epoch r filter detections within an aperture of radius $r = 7.43$ arcsec. |
| rFlags | dimensionl ess | INT | 4 | 0 | Information flag bitmask indicating details of the photometry from forced single epoch r filter detections. Values listed in ObjectFilterFlags. |
| rE1 | dimensionl ess | REAL | 4 | -999 | Kaiser et al. (1995) polarization parameter e1 = (Mxx - Myy) / (Mxx + Myy) from forced single epoch r filter detections. |
| rE2 | dimensionl ess | REAL | 4 | -999 | Kaiser et al. (1995) polarization parameter e2 = (2 Mxy) / (Mxx + Myy) from forced single epoch r filter detections. |

| inTotal | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in i filter. |
|---------------------|-------------------|----------|---|------|--|
| inIncPSFFlux | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in PSF flux mean in i filter. |
| inIncKronFlux | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in Kron (1980) flux mean in i filter. |
| inIncApFlux | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in aperture flux mean in i filter. |
| inIncR5 | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R5 (r = 3.00 arcsec) aperture flux mean in i filter. |
| inIncR6 | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R6 (r = 4.63 arcsec) aperture flux mean in i filter. |
| inIncR7 | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R7 (r = 7.43 arcsec) aperture flux mean in i filter. |
| iFPSFFlux | Janskys | REAL | 4 | -999 | Mean PSF flux from forced single epoch i filter detections. |
| iFPSFFluxErr | Janskys | REAL | 4 | -999 | Error in mean PSF flux from forced single epoch i filter detections. |
| iFPSFFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of PSF fluxes from forced single epoch i filter detections. |
| iFPSFMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean PSF flux from forced single epoch i filter detections. |
| iFPSFMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean PSF flux from forced single epoch i filter detections. |
| iFKronFlux | Janskys | REAL | 4 | -999 | Mean Kron (1980) flux from forced single epoch i filter detections. |
| iFKronFluxErr | Janskys | REAL | 4 | -999 | Error in mean Kron (1980) flux from forced single epoch i filter detections. |
| iFKronFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of Kron (198) fluxes from forced single epoch i filter detections. |
| iFKronMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean Kron (1980) flux from forced single epoch i filter detections. |
| iFKronMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean Kron (1980) flux from forced single epoch i filter detections. |
| iFApFlux | Janskys | REAL | 4 | -999 | Mean aperture flux from forced single epoch i filter detections. |
| iFApFluxErr | Janskys | REAL | 4 | -999 | Error in mean aperture flux from forced single epoch i filter detections. |
| iFApFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of aperture fluxes from forced single epoch i filter detections. |
| iFApMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean aperture flux from forced single epoch i filter detections. |
| iFApMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean aperture flux from forced single epoch i filter detections. |
| iFmeanflxR5 | Janskys | REAL | 4 | -999 | Mean flux from forced single epoch i filter detections within an aperture of radius $r = 3.00$ arcsec. |
| iFmeanflxR5Err | Janskys | REAL | 4 | -999 | Error in mean flux from forced single epoch i filter detections within an aperture of radius r = 3.00 arcsec. |
| iFmeanflxR5Std | Janskys | REAL | 4 | -999 | Standard deviation of forced single epoch i filter detection fluxes within an aperture of radius r = 3.00 arcsec. |
| iFmeanflxR5Fi II | dimensionl ess | REAL | 4 | -999 | Aperture fill factor for forced single epoch i filter detections within an aperture of radius r = 3.00 arcsec. |
| iFmeanMagR5 | AB magnitudes | REAL | 4 | -999 | Magnitude from mean flux from forced single epoch i filter detections within an aperture of radius r = 3.00 arcsec. |
| iFmeanMagR5 Err | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean flux from forced single epoch i filter detections within an aperture of radius r = 3.00 arcsec. |
| iFmeanflxR6 | Janskys | REAL | 4 | -999 | Mean flux from forced single epoch i filter detections within an aperture of radius r = 4.63 arcsec. |
| iFmeanflxR6Err | Janskys | REAL | 4 | -999 | Error in mean flux from forced single epoch i filter detections within an aperture of radius r = 4.63 arcsec. |
| iFmeanflxR6Std | Janskys | REAL | 4 | -999 | Standard deviation of forced single epoch i filter detection fluxes within an aperture of radius r = 4.63 arcsec. |
| iFmeanflxR6Fi II | dimensionl ess | REAL | 4 | -999 | Aperture fill factor for forced single epoch i filter detections within an aperture of radius r = 4.63 arcsec. |
| iFmeanMagR6 | AB magnitudes | REAL | 4 | -999 | Magnitude from mean flux from forced single epoch i filter detections within an aperture of radius r = 4.63 arcsec. |
| iFmeanMagR6 | AB | REAL | 4 | -999 | Error in magnitude from mean flux from forced single epoch i filter detections within an aperture of radius $r = 4.63$ arcsec. |

| iFmeanflxR7 | lanekve | DΕΔΙ | 1 | -999 | Mean flux from forced single enoch i filter detections within an another of radius r = 7.42 arcses |
|--------------------|-------------------|----------|---|------|---|
| | Janskys | REAL | 4 | | Mean flux from forced single epoch i filter detections within an aperture of radius r = 7.43 arcsec. |
| iFmeanflxR7Err | Janskys | REAL | 4 | -999 | Error in mean flux from forced single epoch i filter detections within an aperture of radius r = 7.43 arcsec. |
| iFmeanflxR7Std | Janskys | REAL | 4 | -999 | Standard deviation of forced single epoch i filter detection fluxes within an aperture of radius $r = 7.43$ arcsec. |
| FmeanflxR7Fi II | dimensionl ess | REAL | 4 | -999 | Aperture fill factor for forced single epoch i filter detections within an aperture of radius $r = 7.43$ arcsec. |
| iFmeanMagR7 | AB magnitudes | REAL | 4 | -999 | Magnitude from mean flux from forced single epoch i filter detections within an aperture of radius $r = 7.43$ arcsec. |
| iFmeanMagR7 Err | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean flux from forced single epoch i filter detections within an aperture of radius $r = 7.43$ arcsec. |
| iFlags | dimensionl ess | INT | 4 | 0 | Information flag bitmask indicating details of the photometry from forced single epoch i filter detections. Values listed in ObjectFilterFlags. |
| iE1 | dimensionl ess | REAL | 4 | -999 | Kaiser et al. (1995) polarization parameter e1 = (Mxx - Myy) / (Mxx + Myy) from forced single epoch filter detections. |
| iE2 | dimensionI ess | REAL | 4 | -999 | Kaiser et al. (1995) polarization parameter $e2 = (2 Mxy) / (Mxx + Myy)$ from forced single epoch i filte detections. |
| znTotal | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in z filter. |
| znincPSFFlux | dimensionI ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in PSF flux mean in z filter. |
| znIncKronFlux | dimensionI ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in Kron (1980) flux mean in z filter. |
| znincApFlux | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in aperture flux mean in z filter. |
| znIncR5 | dimensionI ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R5 (r = 3.00 arcsec) aperture flux mean in z filter. |
| znIncR6 | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R6 (r = 4.63 arcsec) aperture flux mean in z filter. |
| znIncR7 | dimensionI ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R7 (r = 7.43 arcsec) aperture flux mean in z filter. |
| zFPSFFlux | Janskys | REAL | 4 | -999 | Mean PSF flux from forced single epoch z filter detections. |
| zFPSFFluxErr | Janskys | REAL | 4 | -999 | Error in mean PSF flux from forced single epoch z filter detections. |
| zFPSFFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of PSF fluxes from forced single epoch z filter detections. |
| zFPSFMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean PSF flux from forced single epoch z filter detections. |
| zFPSFMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean PSF flux from forced single epoch z filter detections. |
| zFKronFlux | Janskys | REAL | 4 | -999 | Mean Kron (1980) flux from forced single epoch z filter detections. |
| zFKronFluxErr | Janskys | REAL | 4 | -999 | Error in mean Kron (1980) flux from forced single epoch z filter detections. |
| zFKronFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of Kron (198) fluxes from forced single epoch z filter detections. |
| zFKronMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean Kron (1980) flux from forced single epoch z filter detections. |
| zFKronMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean Kron (1980) flux from forced single epoch z filter detections. |
| zFApFlux | Janskys | REAL | 4 | -999 | Mean aperture flux from forced single epoch z filter detections. |
| zFApFluxErr | Janskys | REAL | 4 | -999 | Error in mean aperture flux from forced single epoch z filter detections. |
| zFApFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of aperture fluxes from forced single epoch z filter detections. |
| zFApMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean aperture flux from forced single epoch z filter detections. |
| zFApMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean aperture flux from forced single epoch z filter detections. |
| zFmeanflxR5 | Janskys | REAL | 4 | -999 | Mean flux from forced single epoch z filter detections within an aperture of radius r = 3.00 arcsec. |
| zFmeanflxR5E rr | Janskys | REAL | 4 | -999 | Error in mean flux from forced single epoch z filter detections within an aperture of radius r = 3.00 arcsec. |
| zFmeanflxR5S td | Janskys | REAL | 4 | -999 | Standard deviation of forced single epoch z filter detection fluxes within an aperture of radius r = 3.00 arcsec. |

| zFmeanflxR5Fi II | dimensionl ess | REAL | 4 | -999 | Aperture fill factor for forced single epoch z filter detections within an aperture of radius r = 3.00 arcsec. |
|---------------------|-------------------|----------|---|------|---|
| zFmeanMagR5 | AB magnitudes | REAL | 4 | -999 | Magnitude from mean flux from forced single epoch z filter detections within an aperture of radius r = 3.00 arcsec. |
| zFmeanMagR5 Err | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean flux from forced single epoch z filter detections within an aperture of radius r = 3.00 arcsec. |
| zFmeanflxR6 | Janskys | REAL | 4 | -999 | Mean flux from forced single epoch z filter detections within an aperture of radius r = 4.63 arcsec. |
| zFmeanflxR6E rr | Janskys | REAL | 4 | -999 | Error in mean flux from forced single epoch z filter detections within an aperture of radius r = 4.63 arcsec. |
| zFmeanflxR6S td | Janskys | REAL | 4 | -999 | Standard deviation of forced single epoch z filter detection fluxes within an aperture of radius r = 4.63 arcsec. |
| zFmeanflxR6Fi II | dimensionl ess | REAL | 4 | -999 | Aperture fill factor for forced single epoch z filter detections within an aperture of radius r = 4.63 arcsec. |
| zFmeanMagR6 | AB magnitudes | REAL | 4 | -999 | Magnitude from mean flux from forced single epoch z filter detections within an aperture of radius r = 4.63 arcsec. |
| zFmeanMagR6 Err | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean flux from forced single epoch z filter detections within an aperture of radius $r=4.63$ arcsec. |
| zFmeanflxR7 | Janskys | REAL | 4 | -999 | Mean flux from forced single epoch z filter detections within an aperture of radius r = 7.43 arcsec. |
| zFmeanflxR7E rr | Janskys | REAL | 4 | -999 | Error in mean flux from forced single epoch z filter detections within an aperture of radius r = 7.43 arcsec. |
| zFmeanflxR7S td | Janskys | REAL | 4 | -999 | Standard deviation of forced single epoch z filter detection fluxes within an aperture of radius r = 7.43 arcsec. |
| zFmeanflxR7Fi II | dimensionl ess | REAL | 4 | -999 | Aperture fill factor for forced single epoch z filter detections within an aperture of radius r = 7.43 arcsec. |
| zFmeanMagR7 | AB magnitudes | REAL | 4 | -999 | Magnitude from mean flux from forced single epoch z filter detections within an aperture of radius r = 7.43 arcsec. |
| zFmeanMagR7 Err | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean flux from forced single epoch z filter detections within an aperture of radius $r = 7.43$ arcsec. |
| zFlags | dimensionI ess | INT | 4 | 0 | Information flag bitmask indicating details of the photometry from forced single epoch z filter detections. Values listed in ObjectFilterFlags. |
| zE1 | dimensionl ess | REAL | 4 | -999 | Kaiser et al. (1995) polarization parameter e1 = (Mxx - Myy) / (Mxx + Myy) from forced single epoch z filter detections. |
| zE2 | dimensionl ess | REAL | 4 | -999 | Kaiser et al. (1995) polarization parameter e2 = $(2 \text{ Mxy}) / (\text{Mxx} + \text{Myy})$ from forced single epoch z filter detections. |
| ynTotal | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in y filter. |
| ynIncPSFFlux | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in PSF flux mean in y filter. |
| ynIncKronFlux | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in Kron (1980) flux mean in y filter. |
| ynIncApFlux | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in aperture flux mean in y filter. |
| ynIncR5 | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R5 (r = 3.00 arcsec) aperture flux mean in y filter. |
| ynIncR6 | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R6 (r = 4.63 arcsec) aperture flux mean in y filter. |
| ynIncR7 | dimensionl ess | SMALLINT | 2 | -999 | Number of forced single epoch detections in R7 (r = 7.43 arcsec) aperture flux mean in y filter. |
| yFPSFFlux | Janskys | REAL | 4 | -999 | Mean PSF flux from forced single epoch y filter detections. |
| yFPSFFluxErr | Janskys | REAL | 4 | -999 | Error in mean PSF flux from forced single epoch y filter detections. |
| yFPSFFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of PSF fluxes from forced single epoch y filter detections. |
| yFPSFMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean PSF flux from forced single epoch y filter detections. |
| yFPSFMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean PSF flux from forced single epoch y filter detections. |
| yFKronFlux | Janskys | REAL | 4 | -999 | Mean Kron (1980) flux from forced single epoch y filter detections. |
| yFKronFluxErr | Janskys | REAL | 4 | -999 | Error in mean Kron (1980) flux from forced single epoch y filter detections. |
| | | | | | |

| yFKronMag | AB | REAL | 4 | -999 | Magnitude from mean Kron (1980) flux from forced single epoch y filter detections. |
|---------------------|-------------------|------|---|------|---|
| ,g | magnitudes | | · | | mag made non-modification (1888) name non-social angle open y line additions. |
| yFKronMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean Kron (1980) flux from forced single epoch y filter detections. |
| yFApFlux | Janskys | REAL | 4 | -999 | Mean aperture flux from forced single epoch y filter detections. |
| yFApFluxErr | Janskys | REAL | 4 | -999 | Error in mean aperture flux from forced single epoch y filter detections. |
| yFApFluxStd | Janskys | REAL | 4 | -999 | Standard deviation of aperture fluxes from forced single epoch y filter detections. |
| yFApMag | AB magnitudes | REAL | 4 | -999 | Magnitude from mean aperture flux from forced single epoch y filter detections. |
| yFApMagErr | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean aperture flux from forced single epoch y filter detections. |
| yFmeanflxR5 | Janskys | REAL | 4 | -999 | Mean flux from forced single epoch y filter detections within an aperture of radius r = 3.00 arcsec. |
| yFmeanflxR5E rr | Janskys | REAL | 4 | -999 | Error in mean flux from forced single epoch y filter detections within an aperture of radius r = 3.00 arcsec. |
| yFmeanflxR5S td | Janskys | REAL | 4 | -999 | Standard deviation of forced single epoch y filter detection fluxes within an aperture of radius r = 3.00 arcsec. |
| yFmeanflxR5F ill | dimensionl ess | REAL | 4 | -999 | Aperture fill factor for forced single epoch y filter detections within an aperture of radius r = 3.00 arcsec. |
| yFmeanMagR5 | AB magnitudes | REAL | 4 | -999 | Magnitude from mean flux from forced single epoch y filter detections within an aperture of radius r = 3.00 arcsec. |
| yFmeanMagR5 Err | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean flux from forced single epoch y filter detections within an aperture of radius r = 3.00 arcsec. |
| yFmeanflxR6 | Janskys | REAL | 4 | -999 | Mean flux from forced single epoch y filter detections within an aperture of radius r = 4.63 arcsec. |
| yFmeanflxR6E rr | Janskys | REAL | 4 | -999 | Error in mean flux from forced single epoch y filter detections within an aperture of radius r = 4.63 arcsec. |
| yFmeanflxR6S td | Janskys | REAL | 4 | -999 | Standard deviation of forced single epoch y filter detection fluxes within an aperture of radius r = 4.63 arcsec. |
| yFmeanflxR6F ill | dimensionl ess | REAL | 4 | -999 | Aperture fill factor for forced single epoch y filter detections within an aperture of radius r = 4.63 arcsec. |
| yFmeanMagR6 | AB magnitudes | REAL | 4 | -999 | Magnitude from mean flux from forced single epoch y filter detections within an aperture of radius r = 4.63 arcsec. |
| yFmeanMagR6 Err | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean flux from forced single epoch y filter detections within an aperture of radius r = 4.63 arcsec. |
| yFmeanflxR7 | Janskys | REAL | 4 | -999 | Mean flux from forced single epoch y filter detections within an aperture of radius r = 7.43 arcsec. |
| yFmeanflxR7E rr | Janskys | REAL | 4 | -999 | Error in mean flux from forced single epoch y filter detections within an aperture of radius r = 7.43 arcsec. |
| yFmeanflxR7S td | Janskys | REAL | 4 | -999 | Standard deviation of forced single epoch y filter detection fluxes within an aperture of radius r = 7.43 arcsec. |
| yFmeanflxR7F ill | dimensionl ess | REAL | 4 | -999 | Aperture fill factor for forced single epoch y filter detections within an aperture of radius r = 7.43 arcsec. |
| yFmeanMagR7 | AB magnitudes | REAL | 4 | -999 | Magnitude from mean flux from forced single epoch y filter detections within an aperture of radius r = 7.43 arcsec. |
| yFmeanMagR7 Err | AB magnitudes | REAL | 4 | -999 | Error in magnitude from mean flux from forced single epoch y filter detections within an aperture of radius r = 7.43 arcsec. |
| yFlags | dimensionl ess | INT | 4 | 0 | Information flag bitmask indicating details of the photometry from forced single epoch y filter detections. Values listed in ObjectFilterFlags. |
| yE1 | dimensionl ess | REAL | 4 | -999 | Kaiser et al. (1995) polarization parameter e1 = (Mxx - Myy) / (Mxx + Myy) from forced single epoch y filter detections. |
| yE2 | dimensionl ess | REAL | 4 | -999 | Kaiser et al. (1995) polarization parameter e2 = (2 Mxy) / (Mxx + Myy) from forced single epoch y filter detections. |