

# PS1 StackApFlx table fields

The starting point for the PS1 data archive is at [Pan-STARRS1 data archive home page](#).

**Description:** Contains the unconvolved fluxes within the SDSS R5 ( $r = 3.00$  arcsec), R6 ( $r = 4.63$  arcsec), and R7 ( $r = 7.43$  arcsec) apertures (Stoughton 2003). Convolved fluxes within these same apertures are also provided for images convolved to 6 sky pixels (1.5 arcsec) and 8 sky pixels (2.0 arcsec). All filters are matched into a single row. See StackObjectThin table for discussion of primary, secondary, and best detections. References: Stoughton, C., Lupton, R. H., Bernardi, M., et al. 2003, AJ, 123, 485.

| Name              | Unit          | Data Type | Size | Default Value | Description   |
|-------------------|---------------|-----------|------|---------------|---|
| objID             | dimensionless | BIGINT    | 8    | NA            | Unique object identifier.   |
| uniquePspS Tid    | dimensionless | BIGINT    | 8    | NA            | Unique internal PSPS stack identifier.  |
| ippObjID          | dimensionless | BIGINT    | 8    | NA            | IPP internal object identifier.   |
| randomStack ObjID | dimensionless | FLOAT     | 8    | NA            | Random value drawn from the interval between zero and one.  |
| primaryDetection  | dimensionless | TINYINT   | 1    | 255           | Identifies if this row is the primary stack detection.  |
| bestDetection     | dimensionless | TINYINT   | 1    | 255           | Identifies if this row is the best detection.   |
| gstackDetectID    | dimensionless | BIGINT    | 8    | NA            | Unique stack detection identifier.  |
| gstackImageID     | dimensionless | BIGINT    | 8    | NA            | Unique stack identifier for g filter detection.   |
| gippDetectID      | dimensionless | BIGINT    | 8    | NA            | IPP internal detection identifier.  |
| gflxR5            | Janskys       | REAL      | 4    | -999          | Flux from g filter detection within an aperture of radius $r = 3.00$ arcsec.  |
| gflxR5Err         | Janskys       | REAL      | 4    | -999          | Error in flux from g filter detection within an aperture of radius $r = 3.00$ arcsec.   |
| gflxR5Std         | Janskys       | REAL      | 4    | -999          | Standard deviation of flux from g filter detection within an aperture of radius $r = 3.00$ arcsec.  |
| gflxR5Fill        | dimensionless | REAL      | 4    | -999          | Aperture fill factor for g filter detection within an aperture of radius $r = 3.00$ arcsec.   |
| gflxR6            | Janskys       | REAL      | 4    | -999          | Flux from g filter detection within an aperture of radius $r = 4.63$ arcsec.  |
| gflxR6Err         | Janskys       | REAL      | 4    | -999          | Error in flux from g filter detection within an aperture of radius $r = 4.63$ arcsec.   |
| gflxR6Std         | Janskys       | REAL      | 4    | -999          | Standard deviation of flux from g filter detection within an aperture of radius $r = 4.63$ arcsec.  |
| gflxR6Fill        | dimensionless | REAL      | 4    | -999          | Aperture fill factor for g filter detection within an aperture of radius $r = 4.63$ arcsec.   |
| gflxR7            | Janskys       | REAL      | 4    | -999          | Flux from g filter detection within an aperture of radius $r = 7.43$ arcsec.  |
| gflxR7Err         | Janskys       | REAL      | 4    | -999          | Error in flux from g filter detection within an aperture of radius $r = 7.43$ arcsec.   |
| gflxR7Std         | Janskys       | REAL      | 4    | -999          | Standard deviation of flux from g filter detection within an aperture of radius $r = 7.43$ arcsec.  |
| gflxR7Fill        | dimensionless | REAL      | 4    | -999          | Aperture fill factor for g filter detection within an aperture of radius $r = 7.43$ arcsec.   |
| gc6flxR5          | Janskys       | REAL      | 4    | -999          | Flux from g filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 3.00$ arcsec.                       |
| gc6flxR5Err       | Janskys       | REAL      | 4    | -999          | Error in flux from g filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 3.00$ arcsec.              |
| gc6flxR5Std       | Janskys       | REAL      | 4    | -999          | Standard deviation of flux from g filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 3.00$ arcsec. |
| gc6flxR5Fill      | dimensionless | REAL      | 4    | -999          | Aperture fill factor for g filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 3.00$ arcsec.        |
| gc6flxR6          | Janskys       | REAL      | 4    | -999          | Flux from g filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 4.63$ arcsec.                       |
| gc6flxR6Err       | Janskys       | REAL      | 4    | -999          | Error in flux from g filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 4.63$ arcsec.              |

|                       |               |        |   |      |   |
|-----------------------|---------------|--------|---|------|---|
| <b>gc6flxR6Std</b>    | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from g filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 4.63$ arcsec. |
| <b>gc6flxR6Fill</b>   | dimensionless | REAL   | 4 | -999 | Aperture fill factor for g filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 4.63$ arcsec.        |
| <b>gc6flxR7</b>       | Janskys       | REAL   | 4 | -999 | Flux from g filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 7.43$ arcsec.                       |
| <b>gc6flxR7Err</b>    | Janskys       | REAL   | 4 | -999 | Error in flux from g filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 7.43$ arcsec.              |
| <b>gc6flxR7Std</b>    | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from g filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 7.43$ arcsec. |
| <b>gc6flxR7Fill</b>   | dimensionless | REAL   | 4 | -999 | Aperture fill factor for g filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 7.43$ arcsec.        |
| <b>gc8flxR5</b>       | Janskys       | REAL   | 4 | -999 | Flux from g filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 3.00$ arcsec.                       |
| <b>gc8flxR5Err</b>    | Janskys       | REAL   | 4 | -999 | Error in flux from g filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 3.00$ arcsec.              |
| <b>gc8flxR5Std</b>    | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from g filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 3.00$ arcsec. |
| <b>gc8flxR5Fill</b>   | dimensionless | REAL   | 4 | -999 | Aperture fill factor for g filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 3.00$ arcsec.        |
| <b>gc8flxR6</b>       | Janskys       | REAL   | 4 | -999 | Flux from g filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 4.63$ arcsec.                       |
| <b>gc8flxR6Err</b>    | Janskys       | REAL   | 4 | -999 | Error in flux from g filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 4.63$ arcsec.              |
| <b>gc8flxR6Std</b>    | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from g filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 4.63$ arcsec. |
| <b>gc8flxR6Fill</b>   | dimensionless | REAL   | 4 | -999 | Aperture fill factor for g filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 4.63$ arcsec.        |
| <b>gc8flxR7</b>       | Janskys       | REAL   | 4 | -999 | Flux from g filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 7.43$ arcsec.                       |
| <b>gc8flxR7Err</b>    | Janskys       | REAL   | 4 | -999 | Error in flux from g filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 7.43$ arcsec.              |
| <b>gc8flxR7Std</b>    | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from g filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 7.43$ arcsec. |
| <b>gc8flxR7Fill</b>   | dimensionless | REAL   | 4 | -999 | Aperture fill factor for g filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 7.43$ arcsec.        |
| <b>rstackDetectID</b> | dimensionless | BIGINT | 8 | NA   | Unique stack detection identifier.  |
| <b>rstackImageID</b>  | dimensionless | BIGINT | 8 | NA   | Unique stack identifier for r filter detection.   |
| <b>rippDetectID</b>   | dimensionless | BIGINT | 8 | NA   | IPP internal detection identifier.  |
| <b>rflxR5</b>         | Janskys       | REAL   | 4 | -999 | Flux from r filter detection within an aperture of radius $r = 3.00$ arcsec.  |
| <b>rflxR5Err</b>      | Janskys       | REAL   | 4 | -999 | Error in flux from r filter detection within an aperture of radius $r = 3.00$ arcsec.   |
| <b>rflxR5Std</b>      | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from r filter detection within an aperture of radius $r = 3.00$ arcsec.  |
| <b>rflxR5Fill</b>     | dimensionless | REAL   | 4 | -999 | Aperture fill factor for r filter detection within an aperture of radius $r = 3.00$ arcsec.   |
| <b>rflxR6</b>         | Janskys       | REAL   | 4 | -999 | Flux from r filter detection within an aperture of radius $r = 4.63$ arcsec.  |
| <b>rflxR6Err</b>      | Janskys       | REAL   | 4 | -999 | Error in flux from r filter detection within an aperture of radius $r = 4.63$ arcsec.   |
| <b>rflxR6Std</b>      | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from r filter detection within an aperture of radius $r = 4.63$ arcsec.  |
| <b>rflxR6Fill</b>     | dimensionless | REAL   | 4 | -999 | Aperture fill factor for r filter detection within an aperture of radius $r = 4.63$ arcsec.   |
| <b>rflxR7</b>         | Janskys       | REAL   | 4 | -999 | Flux from r filter detection within an aperture of radius $r = 7.43$ arcsec.  |
| <b>rflxR7Err</b>      | Janskys       | REAL   | 4 | -999 | Error in flux from r filter detection within an aperture of radius $r = 7.43$ arcsec.   |
| <b>rflxR7Std</b>      | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from r filter detection within an aperture of radius $r = 7.43$ arcsec.  |
| <b>rflxR7Fill</b>     | dimensionless | REAL   | 4 | -999 | Aperture fill factor for r filter detection within an aperture of radius $r = 7.43$ arcsec.   |





|                      |               |        |   |      |   |
|----------------------|---------------|--------|---|------|---|
| <b>zstackImageID</b> | dimensionless | BIGINT | 8 | NA   | Unique stack identifier for z filter detection.   |
| <b>zippDetectID</b>  | dimensionless | BIGINT | 8 | NA   | IPP internal detection identifier.  |
| <b>zflxR5</b>        | Janskys       | REAL   | 4 | -999 | Flux from z filter detection within an aperture of radius $r = 3.00$ arcsec.  |
| <b>zflxR5Err</b>     | Janskys       | REAL   | 4 | -999 | Error in flux from z filter detection within an aperture of radius $r = 3.00$ arcsec.   |
| <b>zflxR5Std</b>     | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from z filter detection within an aperture of radius $r = 3.00$ arcsec.  |
| <b>zflxR5Fill</b>    | dimensionless | REAL   | 4 | -999 | Aperture fill factor for z filter detection within an aperture of radius $r = 3.00$ arcsec.   |
| <b>zflxR6</b>        | Janskys       | REAL   | 4 | -999 | Flux from z filter detection within an aperture of radius $r = 4.63$ arcsec.  |
| <b>zflxR6Err</b>     | Janskys       | REAL   | 4 | -999 | Error in flux from z filter detection within an aperture of radius $r = 4.63$ arcsec.   |
| <b>zflxR6Std</b>     | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from z filter detection within an aperture of radius $r = 4.63$ arcsec.  |
| <b>zflxR6Fill</b>    | dimensionless | REAL   | 4 | -999 | Aperture fill factor for z filter detection within an aperture of radius $r = 4.63$ arcsec.   |
| <b>zflxR7</b>        | Janskys       | REAL   | 4 | -999 | Flux from z filter detection within an aperture of radius $r = 7.43$ arcsec.  |
| <b>zflxR7Err</b>     | Janskys       | REAL   | 4 | -999 | Error in flux from z filter detection within an aperture of radius $r = 7.43$ arcsec.   |
| <b>zflxR7Std</b>     | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from z filter detection within an aperture of radius $r = 7.43$ arcsec.  |
| <b>zflxR7Fill</b>    | dimensionless | REAL   | 4 | -999 | Aperture fill factor for z filter detection within an aperture of radius $r = 7.43$ arcsec.   |
| <b>zc6flxR5</b>      | Janskys       | REAL   | 4 | -999 | Flux from z filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 3.00$ arcsec.                       |
| <b>zc6flxR5Err</b>   | Janskys       | REAL   | 4 | -999 | Error in flux from z filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 3.00$ arcsec.              |
| <b>zc6flxR5Std</b>   | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from z filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 3.00$ arcsec. |
| <b>zc6flxR5Fill</b>  | dimensionless | REAL   | 4 | -999 | Aperture fill factor for z filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 3.00$ arcsec.        |
| <b>zc6flxR6</b>      | Janskys       | REAL   | 4 | -999 | Flux from z filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 4.63$ arcsec.                       |
| <b>zc6flxR6Err</b>   | Janskys       | REAL   | 4 | -999 | Error in flux from z filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 4.63$ arcsec.              |
| <b>zc6flxR6Std</b>   | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from z filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 4.63$ arcsec. |
| <b>zc6flxR6Fill</b>  | dimensionless | REAL   | 4 | -999 | Aperture fill factor for z filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 4.63$ arcsec.        |
| <b>zc6flxR7</b>      | Janskys       | REAL   | 4 | -999 | Flux from z filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 7.43$ arcsec.                       |
| <b>zc6flxR7Err</b>   | Janskys       | REAL   | 4 | -999 | Error in flux from z filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 7.43$ arcsec.              |
| <b>zc6flxR7Std</b>   | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from z filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 7.43$ arcsec. |
| <b>zc6flxR7Fill</b>  | dimensionless | REAL   | 4 | -999 | Aperture fill factor for z filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 7.43$ arcsec.        |
| <b>zc8flxR5</b>      | Janskys       | REAL   | 4 | -999 | Flux from z filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 3.00$ arcsec.                       |
| <b>zc8flxR5Err</b>   | Janskys       | REAL   | 4 | -999 | Error in flux from z filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 3.00$ arcsec.              |
| <b>zc8flxR5Std</b>   | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from z filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 3.00$ arcsec. |
| <b>zc8flxR5Fill</b>  | dimensionless | REAL   | 4 | -999 | Aperture fill factor for z filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 3.00$ arcsec.        |
| <b>zc8flxR6</b>      | Janskys       | REAL   | 4 | -999 | Flux from z filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 4.63$ arcsec.                       |
| <b>zc8flxR6Err</b>   | Janskys       | REAL   | 4 | -999 | Error in flux from z filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 4.63$ arcsec.              |
| <b>zc8flxR6Std</b>   | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from z filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 4.63$ arcsec. |

|                       |               |        |   |      |   |
|-----------------------|---------------|--------|---|------|---|
| <b>zc8flxR6Fill</b>   | dimensionless | REAL   | 4 | -999 | Aperture fill factor for z filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 4.63$ arcsec.        |
| <b>zc8flxR7</b>       | Janskys       | REAL   | 4 | -999 | Flux from z filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 7.43$ arcsec.                       |
| <b>zc8flxR7Err</b>    | Janskys       | REAL   | 4 | -999 | Error in flux from z filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 7.43$ arcsec.              |
| <b>zc8flxR7Std</b>    | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from z filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 7.43$ arcsec. |
| <b>zc8flxR7Fill</b>   | dimensionless | REAL   | 4 | -999 | Aperture fill factor for z filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 7.43$ arcsec.        |
| <b>ystackDetectID</b> | dimensionless | BIGINT | 8 | NA   | Unique stack detection identifier.  |
| <b>ystackImageID</b>  | dimensionless | BIGINT | 8 | NA   | Unique stack identifier for y filter detection.   |
| <b>yippDetectID</b>   | dimensionless | BIGINT | 8 | NA   | IPP internal detection identifier.  |
| <b>yflxR5</b>         | Janskys       | REAL   | 4 | -999 | Flux from y filter detection within an aperture of radius $r = 3.00$ arcsec.  |
| <b>yflxR5Err</b>      | Janskys       | REAL   | 4 | -999 | Error in flux from y filter detection within an aperture of radius $r = 3.00$ arcsec.   |
| <b>yflxR5Std</b>      | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from y filter detection within an aperture of radius $r = 3.00$ arcsec.  |
| <b>yflxR5Fill</b>     | dimensionless | REAL   | 4 | -999 | Aperture fill factor for y filter detection within an aperture of radius $r = 3.00$ arcsec.   |
| <b>yflxR6</b>         | Janskys       | REAL   | 4 | -999 | Flux from y filter detection within an aperture of radius $r = 4.63$ arcsec.  |
| <b>yflxR6Err</b>      | Janskys       | REAL   | 4 | -999 | Error in flux from y filter detection within an aperture of radius $r = 4.63$ arcsec.   |
| <b>yflxR6Std</b>      | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from y filter detection within an aperture of radius $r = 4.63$ arcsec.  |
| <b>yflxR6Fill</b>     | dimensionless | REAL   | 4 | -999 | Aperture fill factor for y filter detection within an aperture of radius $r = 4.63$ arcsec.   |
| <b>yflxR7</b>         | Janskys       | REAL   | 4 | -999 | Flux from y filter detection within an aperture of radius $r = 7.43$ arcsec.  |
| <b>yflxR7Err</b>      | Janskys       | REAL   | 4 | -999 | Error in flux from y filter detection within an aperture of radius $r = 7.43$ arcsec.   |
| <b>yflxR7Std</b>      | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from y filter detection within an aperture of radius $r = 7.43$ arcsec.  |
| <b>yflxR7Fill</b>     | dimensionless | REAL   | 4 | -999 | Aperture fill factor for y filter detection within an aperture of radius $r = 7.43$ arcsec.   |
| <b>yc6flxR5</b>       | Janskys       | REAL   | 4 | -999 | Flux from y filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 3.00$ arcsec.                       |
| <b>yc6flxR5Err</b>    | Janskys       | REAL   | 4 | -999 | Error in flux from y filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 3.00$ arcsec.              |
| <b>yc6flxR5Std</b>    | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from y filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 3.00$ arcsec. |
| <b>yc6flxR5Fill</b>   | dimensionless | REAL   | 4 | -999 | Aperture fill factor for y filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 3.00$ arcsec.        |
| <b>yc6flxR6</b>       | Janskys       | REAL   | 4 | -999 | Flux from y filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 4.63$ arcsec.                       |
| <b>yc6flxR6Err</b>    | Janskys       | REAL   | 4 | -999 | Error in flux from y filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 4.63$ arcsec.              |
| <b>yc6flxR6Std</b>    | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from y filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 4.63$ arcsec. |
| <b>yc6flxR6Fill</b>   | dimensionless | REAL   | 4 | -999 | Aperture fill factor for y filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 4.63$ arcsec.        |
| <b>yc6flxR7</b>       | Janskys       | REAL   | 4 | -999 | Flux from y filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 7.43$ arcsec.                       |
| <b>yc6flxR7Err</b>    | Janskys       | REAL   | 4 | -999 | Error in flux from y filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 7.43$ arcsec.              |
| <b>yc6flxR7Std</b>    | Janskys       | REAL   | 4 | -999 | Standard deviation of flux from y filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 7.43$ arcsec. |
| <b>yc6flxR7Fill</b>   | dimensionless | REAL   | 4 | -999 | Aperture fill factor for y filter detection convolved to a target of 6 sky pixels (1.5 arcsec) within an aperture of radius $r = 7.43$ arcsec.        |
| <b>yc8flxR5</b>       | Janskys       | REAL   | 4 | -999 | Flux from y filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 3.00$ arcsec.                       |

|                     |               |      |   |      |   |
|---------------------|---------------|------|---|------|---|
| <b>yc8flxR5Err</b>  | Janskys       | REAL | 4 | -999 | Error in flux from y filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 3.00$ arcsec.              |
| <b>yc8flxR5Std</b>  | Janskys       | REAL | 4 | -999 | Standard deviation of flux from y filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 3.00$ arcsec. |
| <b>yc8flxR5Fill</b> | dimensionless | REAL | 4 | -999 | Aperture fill factor for y filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 3.00$ arcsec.        |
| <b>yc8flxR6</b>     | Janskys       | REAL | 4 | -999 | Flux from y filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 4.63$ arcsec.                       |
| <b>yc8flxR6Err</b>  | Janskys       | REAL | 4 | -999 | Error in flux from y filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 4.63$ arcsec.              |
| <b>yc8flxR6Std</b>  | Janskys       | REAL | 4 | -999 | Standard deviation of flux from y filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 4.63$ arcsec. |
| <b>yc8flxR6Fill</b> | dimensionless | REAL | 4 | -999 | Aperture fill factor for y filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 4.63$ arcsec.        |
| <b>yc8flxR7</b>     | Janskys       | REAL | 4 | -999 | Flux from y filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 7.43$ arcsec.                       |
| <b>yc8flxR7Err</b>  | Janskys       | REAL | 4 | -999 | Error in flux from y filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 7.43$ arcsec.              |
| <b>yc8flxR7Std</b>  | Janskys       | REAL | 4 | -999 | Standard deviation of flux from y filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 7.43$ arcsec. |
| <b>yc8flxR7Fill</b> | dimensionless | REAL | 4 | -999 | Aperture fill factor for y filter detection convolved to a target of 8 sky pixels (2.0 arcsec) within an aperture of radius $r = 7.43$ arcsec.        |