

Note - the ph/sec column is for the optical flux in the brightest pixel through the Swift filter

The fastest slew is based on 1deg/sec, psf fwhm 4pix, 1pix = 2.4arcsec

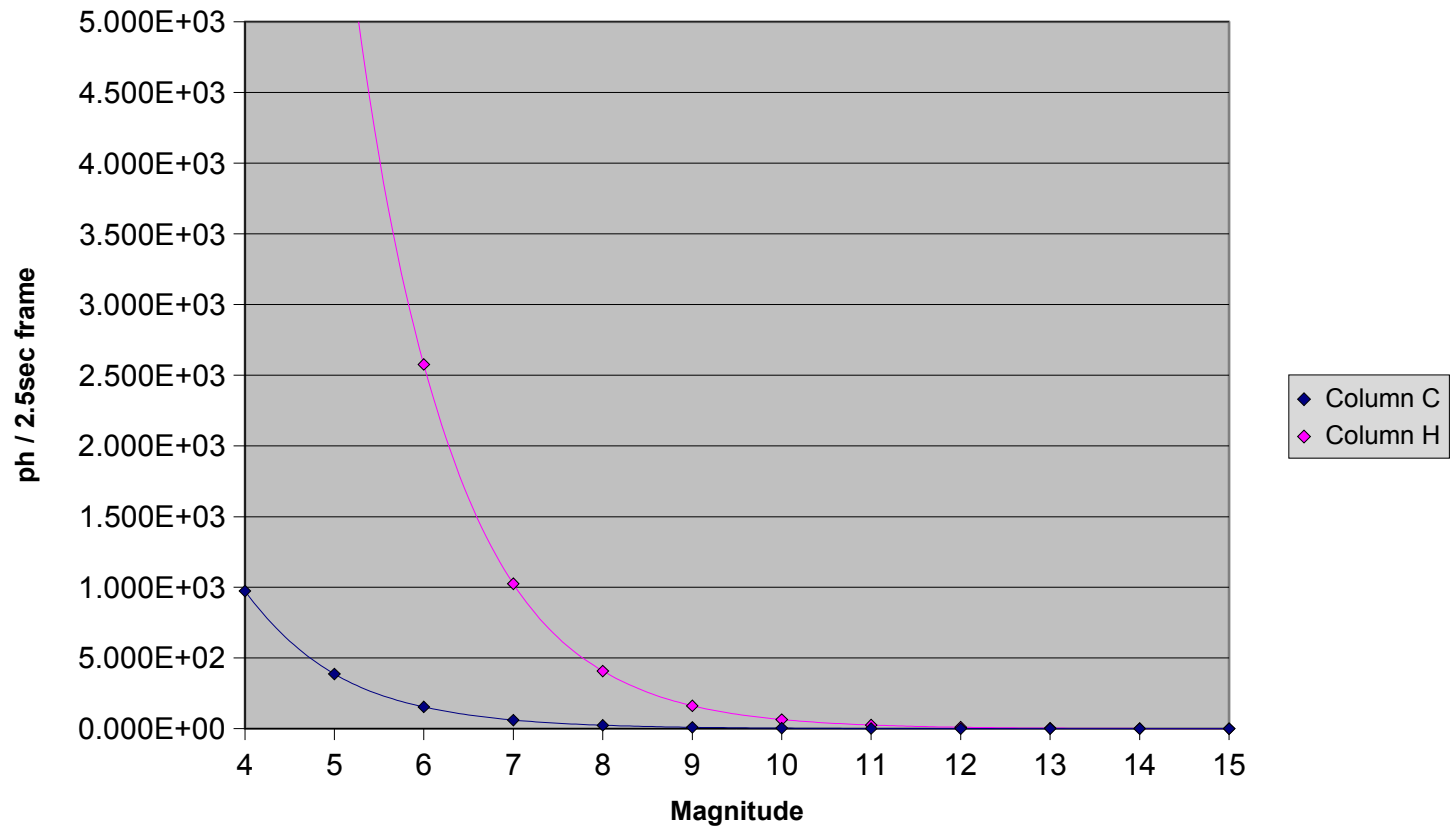
Red indicates conditions above 20 ph/sec in the pixel, and green indicates less than 20.

For Window Timing mode, assumption is that 20% of the flux in a column falls in the central pixel, and 18ms exposure per row

Warning level 20 photons

Allowing for 5 bias frames average

A0 star mag	ph/sec	ph/2.5s frame	fastest slew	WT mode	M8 star mag	ph/sec	ph/2.5s frame	fastest slew	WT mode	ph/2.5s frame	fastest slew
0	1.550E+04	3.875E+04	4.030E+01	1.395E+03	0	2.589E+05	6.471E+05	6.730E+02	2.330E+04	1.294E+05	1.346E+02
1	6.171E+03	1.543E+04	1.604E+01	5.554E+02	1	1.031E+05	2.576E+05	2.679E+02	9.275E+03	5.153E+04	5.359E+01
2	2.457E+03	6.141E+03	6.387E+00	2.211E+02	2	4.102E+04	1.026E+05	1.067E+02	3.692E+03	2.051E+04	2.133E+01
3	9.780E+02	2.445E+03	2.543E+00	8.802E+01	3	1.633E+04	4.083E+04	4.246E+01	1.470E+03	8.166E+03	8.493E+00
4	3.893E+02	9.734E+02	1.012E+00	3.504E+01	4	6.502E+03	1.626E+04	1.691E+01	5.852E+02	3.251E+03	3.381E+00
5	1.550E+02	3.875E+02	4.030E-01	1.395E+01	5	2.589E+03	6.471E+03	6.730E+00	2.330E+02	1.294E+03	1.346E+00
6	6.171E+01	1.543E+02	1.604E-01	5.554E+00	6	1.031E+03	2.576E+03	2.679E+00	9.275E+01	5.153E+02	5.359E-01
7	2.457E+01	6.141E+01	6.387E-02	2.211E+00	7	4.102E+02	1.026E+03	1.067E+00	3.692E+01	2.051E+02	2.133E-01
8	9.780E+00	2.445E+01	2.543E-02	8.802E-01	8	1.633E+02	4.083E+02	4.246E-01	1.470E+01	8.166E+01	8.493E-02
9	3.893E+00	9.734E+00	1.012E-02	3.504E-01	9	6.502E+01	1.626E+02	1.691E-01	5.852E+00	3.251E+01	3.381E-02
10	1.550E+00	3.875E+00	4.030E-03	1.395E-01	10	2.589E+01	6.471E+01	6.730E-02	2.330E+00	1.294E+01	1.346E-02
11	6.171E-01	1.543E+00	1.604E-03	5.554E-02	11	1.031E+01	2.576E+01	2.679E-02	9.275E-01	5.153E+00	5.359E-03
12	2.457E-01	6.141E-01	6.387E-04	2.211E-02	12	4.102E+00	1.026E+01	1.067E-02	3.692E-01	2.051E+00	2.133E-03
13	9.780E-02	2.445E-01	2.543E-04	8.802E-03	13	1.633E+00	4.083E+00	4.246E-03	1.470E-01	8.166E-01	8.493E-04
14	3.893E-02	9.734E-02	1.012E-04	3.504E-03	14	6.502E-01	1.626E+00	1.691E-03	5.852E-02	3.251E-01	3.381E-04
15	1.550E-02	3.875E-02	4.030E-05	1.395E-03	15	2.589E-01	6.471E-01	6.730E-04	2.330E-02	1.294E-01	1.346E-04



Column C    A0 star  
Column H    M8 star