CFH12K magnitudes for dark sky: Galaxies

All magnitudes are taken within an aperture diameter of 3.09 arcseconds (15 pixels).
These values apply to galaxies with seeing-dominated profiles (i.e. distant, compact sources)

SNR (Signal to noise ratio) is defined over an aperture diameter of 1.67 × seeing.
Etime (Total accumulated exposure time) is given in seconds.
Seeing values are in arcseconds.

Magnitudes reached at various SNR for galaxies with dark sky

	B				V				R				I			
SNR=3	Seeing				Seeing				Seeing				Seeing			
Etime	0.6″	0.8″	1.0″	1.2″	0.6″	0.8″	1.0″	1.2″	0.6″	0.8″	1.0″	1.2″	0.6″	0.8″	1.0″	1.2″
10	23.3	23.1	23.0	22.9	23.2	23.0	22.9	22.8	23.0	22.8	22.6	22.6	22.3	22.1	22.0	21.9
60	24.6	24.4	24.3	24.2	24.3	24.1	24.0	23.9	24.1	23.9	23.7	23.6	23.3	23.1	23.0	22.9
300	25.6	25.4	25.2	25.1	25.3	25.1	24.9	24.8	25.0	24.7	24.6	24.5	24.2	24.0	23.9	23.8
600	26.0	25.7	25.6	25.5	25.6	25.4	25.3	25.2	25.3	25.1	25.0	24.9	24.6	24.4	24.3	24.2
900	26.2	26.0	25.8	25.8	25.9	25.7	25.5	25.4	25.6	25.3	25.2	25.1	24.8	24.6	24.5	24.4
1800	26.6	26.4	26.2	26.1	26.2	26.0	25.9	25.8	25.9	25.7	25.6	25.5	25.2	25.0	24.8	24.8
3600	26.9	26.7	26.6	26.5	26.6	26.4	26.3	26.2	26.3	26.1	26.0	25.9	25.6	25.4	25.2	25.1
7200	27.3	27.1	27.0	26.9	27.0	26.8	26.7	26.6	26.7	26.5	26.3	26.3	25.9	25.7	25.6	25.5
14400	27.7	27.5	27.4	27.3	27.4	27.2	27.0	26.9	27.1	26.9	26.7	26.6	26.3	26.1	26.0	25.9
SNR=7																
10	22.3	22.1	22.0	21.9	22.2	22.0	21.9	21.9	22.0	21.8	21.7	21.6	21.3	21.2	21.0	20.9
60	23.6	23.4	23.3	23.2	23.4	23.2	23.1	23.0	23.1	22.9	22.8	22.7	22.4	22.2	22.1	22.0
300	24.6	24.4	24.3	24.2	24.3	24.1	24.0	23.9	24.0	23.8	23.7	23.6	23.3	23.1	22.9	22.9
600	25.0	24.8	24.7	24.6	24.7	24.5	24.4	24.3	24.4	24.2	24.1	24.0	23.7	23.5	23.3	23.2
900	25.2	25.0	24.9	24.8	24.9	24.7	24.6	24.5	24.6	24.4	24.3	24.2	23.9	23.7	23.5	23.5
1800	25.6	25.4	25.3	25.2	25.3	25.1	25.0	24.9	25.0	24.8	24.7	24.6	24.3	24.1	23.9	23.8
3600	26.0	25.8	25.7	25.6	25.7	25.5	25.4	25.3	25.4	25.2	25.0	25.0	24.6	24.4	24.3	24.2
7200	26.4	26.2	26.1	26.0	26.1	25.9	25.7	25.6	25.8	25.6	25.4	25.3	25.0	24.8	24.7	24.6
14400	26.8	26.6	26.4	26.3	26.5	26.2	26.1	26.0	26.1	25.9	25.8	25.7	25.4	25.2	25.1	25.0
SNR=15																
10	21.3	21.1	21.1	21.0	21.3	21.1	21.0	21.0	21.1	20.9	20.8	20.7	20.4	20.3	20.2	20.1
60	22.7	22.5	22.4	22.4	22.5	22.3	22.2	22.1	22.2	22.1	21.9	21.9	21.5	21.3	21.2	21.1
300	23.7	23.6	23.4	23.4	23.5	23.3	23.1	23.1	23.2	23.0	22.8	22.8	22.4	22.2	22.1	22.0
600	24.2	24.0	23.8	23.8	23.9	23.7	23.5	23.5	23.6	23.4	23.2	23.1	22.8	22.6	22.5	22.4
900	24.4	24.2	24.1	24.0	24.1	23.9	23.8	23.7	23.8	23.6	23.5	23.4	23.1	22.8	22.7	22.6
1800	24.8	24.6	24.5	24.4	24.5	24.3	24.1	24.1	24.2	24.0	23.8	23.8	23.4	23.2	23.1	23.0
3600	25.2	25.0	24.8	24.8	24.9	24.7	24.5	24.4	24.6	24.3	24.2	24.1	23.8	23.6	23.5	23.4
7200	25.6	25.4	25.2	25.1	25.2	25.0	24.9	24.8	24.9	24.7	24.6	24.5	24.2	24.0	23.9	23.8
14400	25.9	25.7	25.6	25.5	25.6	25.4	25.3	25.2	25.3	25.1	25.0	24.9	24.6	24.4	24.2	24.1
SNR=25																
10	20.5	20.4	20.4	20.3	20.6	20.4	20.4	20.3	20.4	20.3	20.2	20.1	19.8	19.6	19.5	19.5
60	22.0	21.9	21.8	21.7	21.9	21.7	21.6	21.5	21.6	21.5	21.3	21.3	20.9	20.8	20.6	20.6
300	23.1	23.0	22.8	22.8	22.9	22.7	22.6	22.5	22.6	22.4	22.3	22.2	21.9	21.7	21.5	21.5
600	23.6	23.4	23.3	23.2	23.3	23.1	23.0	22.9	23.0	22.8	22.7	22.6	22.3	22.1	21.9	21.8
900	23.8	23.6	23.5	23.4	23.5	23.3	23.2	23.1	23.2	23.0	22.9	22.8	22.5	22.3	22.2	22.1
1800	24.2	24.0	23.9	23.8	23.9	23.7	23.6	23.5	23.6	23.4	23.3	23.2	22.9	22.7	22.5	22.5
3600	24.6	24.4	24.3	24.2	24.3	24.1	24.0	23.9	24.0	23.8	23.7	23.6	23.3	23.0	22.9	22.8
7200	25.0	24.8	24.7	24.6	24.7	24.5	24.3	24.3	24.4	24.2	24.0	24.0	23.6	23.4	23.3	23.2
14400	25.4	25.2	25.0	25.0	25.1	24.9	24.7	24.6	24.8	24.5	24.4	24.3	24.0	23.8	23.7	23.6