ISO & Aperture Exposure Chart

ISO								Aperture									
25	50	100	200	400	800	1600	3200	f/1	f/1.4	f/2	f/2.8	f/4	f/5.6	f/8	f/11	f/16	f/22
1	0	-1	-2	-3	-4	-5	-6	2s	4s	8s	15s	30s	1 min	2 min	4min	8min	16mi
2	1	0	-1	-2	-3	-4	-5	1s	2s	4s	8s	15s	30s	1 min	2 min	4min	8min
3	2	1	0	-1	-2	-3	-4	1/2s	1s	2s	4s	8s	15s	30s	1 min	2 min	4min
4	3	2	1	0	-1	-2	-3	1/4s	1/2s	1s	2s	4s	8s	15s	30s	1 min	2 min
5	4	3	2	1	0	-1	-2	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s	1 min
6	5	4	3	2	1	0	-1	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s
7	6	5	4	3	2	1	0	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s
8	7	6	5	4	3	2	1	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s
9	8	7	6	5	4	3	2	1/125s	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s	4s
10	9	8	7	6	5	4	3	1/250s	1/125s	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s
11	10	9	8	7	6	5	4	1/500s	1/250s	1/125s	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s	1s
12	11	10	9	8	7	6	5	1/1000 s	1/500s	1/250s	1/125s	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s
13	12	11	10	9	8	7	6	1/2000	1/1000 s	1/500s	1/250s	1/125s	1/60s	1/30s	1/15s	1/8s	1/4s
14	13	12	11	10	9	8	7	1/4000	1/2000	1/1000 s	1/500s	1/250s	1/125s	1/60s	1/30s	1/15s	1/8s
15	14	13	12	11	10	9	8	1/8000	1/4000	1/2000	1/1000 s	1/500s	1/250s	1/125s	1/60s	1/30s	1/15s
16	15	14	13	12	11	10	9	X	1/8000	1/4000	1/2000	1/1000 s	1/500s	1/250s	1/125s	1/60s	1/30s
17	16	15	14	13	12	11	10	X	X	1/8000	1/4000	1/2000	1/1000 s	1/500s	1/250s	1/125s	1/60s
18	17	16	15	14	13	12	11	X	X	X	1/8000	1/4000	1/2000	1/1000 s	1/500s	1/250s	1/125s
19	18	17	16	15	14	13	12	X	X	X	X	1/8000	1/4000	1/2000	1/1000 s	1/500s	1/250s
20	19	18	17	16	15	14	13	X	X	X	X	X	1/8000	1/4000	1/2000	1/1000 s	1/500s
21	20	19	18	17	16	15	14	X	X	X	X	X	X	1/8000	1/4000	1/2000	1/1000 s
22	21	20	19	18	17	16	15	X	X	X	X	X	X	X	1/8000	1/4000	1/2000
23	22	21	20	19	18	17	16	X	X	X	X	X	X	X	X	X	1/4000