



FOTOGRAFIA DEL ECUADOR

STOCK DE FOTOGRAFÍA

HYPERFOCAL DISTANCES	FOCAL LENGTH (mm)									
	17		20		24		28		35	
Aperture (f)	m	feet	m	feet	m	feet	m	feet	m	feet
1.4							22.2	72.7	34.6	113.6
2.0					11.5	37.8	15.7	51.4	24.5	80.3
2.8	4.1	13.4	5.7	18.6	8.1	26.7	11.1	36.4	17.3	56.8
4.0	2.9	9.5	4.0	13.1	5.8	18.9	7.8	25.7	12.2	40.2
5.6	2.0	6.7	2.8	9.3	4.1	13.4	5.5	18.2	8.7	28.4
8.0	1.4	4.7	2.0	6.6	2.9	9.4	3.9	12.9	6.1	20.1
11.0	1.0	3.4	1.4	4.6	2.0	6.7	2.8	9.1	4.3	14.2
16.0	0.7	2.4	1.0	3.3	1.4	4.7	2.0	6.4	3.1	10.0
22.0	0.5	1.7	0.7	2.3	1.0	3.3	1.4	4.5	2.2	7.1

FOCAL LENGTH (mm)									
45		50		60		70		80	
m	feet	m	feet	m	feet	m	feet	m	feet
		71	232					181	594
		56	182					142	466
		50	164					128	420
29	94	35	116	51	167	69	227	90	297
20	66	25	82	36	118	49	161	64	210
14	47	18	58	25	83	35	114	45	148
10	33	12	41	18	59	24	80	32	105
7	23	9	29	13	42	17	57	23	74
5	17	6	20	9	30	12	40	16	52
4	12	4	14	6	21	9	28	11	37

HYPERFOCAL DISTANCES	FOCAL LENGTH (mm)									
	105		135		180		200		240	
Aperture (f)	m	feet	m	feet	m	feet	m	feet	m	feet
2.8	156	511	258	845	458	1,503	565	1,855	814	2,671
4	110	362	182	598	324	1,063	400	1,312	576	1,889
5.6	78	256	129	423	229	751	283	928	407	1,336
8	55	181	91	299	162	531	200	656	288	945
11	39	128	64	211	115	376	141	464	204	668
16	28	90	46	149	81	266	100	328	144	472
	19	64	32		57	188	71	232	102	

FOCAL LENGTH (mm)									
300		400		500		600		1000	
m	feet	m	feet	m	feet	m	feet	m	feet
1,272	4,174								
900	2,952	1,599	5,247	2,499	8,199	3,599	11,806		
636	2,087	1,131	3,710	1,767	5,797	2,545	8,348	7,068	23,187
450	1,476	800	2,624	1,250	4,099	1,799	5,903	4,998	16,395
318	1,044	565	1,855	884	2,899	1,272	4,174	3,534	11,593
225	738	400	1,312	625	2,050	900	2,952	2,499	8,198
159	522	283	928	442	1,449	636	2,087	1,767	5,797

f = aperture
l = focal length
H = $(l \times l) / (f \times d)$
d = circle of confusion diameter
d = 0.02501 for 35mm film
DOF from **H/2** to Infinity