

TTL auto shooting range

Unit: m (ft)

		Film speed (ASA/ISO)						Zoom head setting					
		1000*	800*	400	200	100	50	25	T	S	N	W ₁	W ₂ **
f/stop	2.8+1/3	2.8	2	—	—	—	—	—	7.5-30 (25-98)	6.8-30 (22-98)	6.0-30 (20-98)	4.8-26 (16-85)	3.4-19 (11-62)
	4+1/3	4	2.8	2	—	—	—	—	5.3-29 (17-95)	4.8-26 (16-85)	4.0-22 (13-72)	3.4-19 (11-62)	2.4-13 (7.9-43)
	5.6+1/3	5.6	4	2.8	2	—	—	—	3.8-21 (12-69)	3.4-9 (11-62)	3.0-16 (9.8-52)	2.4-13 (7.9-43)	1.7-9.5 (5.6-32)
	8+1/3	8	5.6	4	2.8	2	—	—	2.7-14 (8.9-46)	2.4-13 (7.9-43)	2.0-11 (6.6-36)	1.6-9.5 (5.2-31)	1.2-6.7 (3.9-22)
	11+1/3	11	8	5.6	4	2.8	2	—	1.9-10 (6.2-33)	1.7-9.5 (5.6-31)	1.4-8.0 (4.6-26)	1.2-6.7 (3.9-22)	0.9-4.7 (3.0-15)
	16+1/3	16	11	8	5.6	4	2.8	—	1.4-7.4 (4.6-24)	1.2-6.7 (3.9-22)	1.0-5.6 (3.3-18)	0.9-4.7 (3.0-15)	0.6-3.3 (2.0-11)
	—	22	16	11	8	5.6	4	—	1.0-5.2 (3.3-17)	0.9-4.7 (3.0-15)	0.7-4.0 (2.3-13)	0.6-3.3 (2.0-11)	0.6-2.3 (2.0-7.5)
	—	—	22	16	11	8	5.6	—	0.8-3.7 (2.6-12)	0.6-3.3 (2.0-11)	0.6-2.8 (2.0-9.2)	0.6-2.3 (2.0-7.5)	0.6-1.6 (2.0-5.2)
	—	—	—	22	16	11	8	—	0.8-2.6 (2.6-8.5)	0.6-2.3 (2.0-7.5)	0.6-2.0 (2.0-6.6)	0.6-1.6 (2.0-5.2)	0.6-1.1 (2.0-3.6)
	—	—	—	—	22	16	11	—	0.8-1.8 (2.6-5.9)	0.6-1.6 (2.0-5.2)	0.6-1.4 (2.0-4.6)	0.6-1.1 (2.0-3.6)	0.6-0.8 (2.0-2.6)

*For Nikon F-501/N2020 and F-301/N2000 only.

**W₂ is used when the wide-flash adapter is attached to the flash unit with the zoom head set at W₁ = Programmed TTL auto flash information.