f/stop Timing Table [s]

by Ralph W. Lambrecht

Determine the base print exposure time, rendering significant print highlights to your satisfaction, and find this 'Base Exp' in the center column. Base exposure times are incremented in 1 stop (black), 1/3 stop (dark grey), 1/6 stop (light grey) and 1/12 stops. After adjusting overall print contrast, rendering significant print shadows as desired, find related dodging and burning times in 1/6 stop increments left and right to the base exposure to fine-tune the final print.

Example: Assuming a basic print exposure time of 25.4s, exposure is held back locally for 5.2s to dodge an area for a 1/3 stop, and a 10.5s exposure is added locally to apply a 1/2 stop burn-in.
Only base exposure time and f/stop modifications are added to the print record.

Dodging [f/stop]						Base Exp	Burning [f/stop]											
-1	-5/6	-2/3	-1/2	-1/3	-1/6		+1/6	+1/3	+1/2	+2/3	+5/6	+1	+1 1/3	+1 2/3	+2	+2 1/3	+2 2/3	+3
-4.0	**-3.5**	**-3.0**	**-2.3**	**-1.7**	**-0.9**	**8**	**1.0**	**2.1**	**3.3**	**4.7**	**6.3**	**8.0**	**12.2**	**17.4**	**24.0**	**32.3**	**42.8**	**56.0**
-4.2	-3.7	-3.1	-2.5	-1.7	-0.9	8.5	1.0	2.2	3.5	5.0	6.6	8.5	12.9	18.4	25.4	34.2	45.3	59.3
-4.5	**-3.9**	**-3.3**	**-2.6**	**-1.9**	**-1.0**	**9.0**	**1.1**	**2.3**	**3.7**	**5.3**	**7.0**	**9.0**	**13.6**	**19.5**	**26.9**	**36.3**	**48.0**	**62.9**
-4.8	-4.2	-3.5	-2.8	-2.0	-1.0	9.5	1.2	2.5	3.9	5.6	7.4	9.5	14.5	20.7	28.5	38.4	50.9	66.6
-5.0	**-4.4**	**-3.7**	**-3.0**	**-2.1**	**-1.1**	**10.1**	**1.2**	**2.6**	**4.2**	**5.9**	**7.9**	**10.1**	**15.3**	**21.9**	**30.2**	**40.7**	**53.9**	**70.6**
-5.3	-4.7	-4.0	-3.1	-2.2	-1.2	10.7	1.3	2.8	4.4	6.3	8.3	10.7	16.2	23.2	32.0	43.1	57.1	74.8
-5.7	**-5.0**	**-4.2**	**-3.3**	**-2.3**	**-1.2**	**11.3**	**1.4**	**2.9**	**4.7**	**6.6**	**8.8**	**11.3**	**17.2**	**24.6**	**33.9**	**45.7**	**60.5**	**79.2**
-6.0	-5.3	-4.4	-3.5	-2.5	-1.3	12.0	1.5	3.1	5.0	7.0	9.4	12.0	18.2	26.1	36.0	48.4	64.1	83.9
-6.3	**-5.6**	**-4.7**	**-3.7**	**-2.6**	**-1.4**	**12.7**	**1.6**	**3.3**	**5.3**	**7.5**	**9.9**	**12.7**	**19.3**	**27.6**	**38.1**	**51.3**	**67.9**	**88.9**
-6.7	-5.9	-5.0	-3.9	-2.8	-1.5	13.5	1.6	3.5	5.6	7.9	10.5	13.5	20.4	29.3	40.4	54.4	72.0	94.2
-7.1	**-6.3**	**-5.3**	**-4.2**	**-2.9**	**-1.6**	**14.3**	**1.7**	**3.7**	**5.9**	**8.4**	**11.1**	**14.3**	**21.7**	**31.0**	**42.8**	**57.6**	**76.3**	**99.8**
-7.6	-6.6	-5.6	-4.4	-3.1	-1.6	15.1	1.8	3.9	6.3	8.9	11.8	15.1	23.0	32.8	45.3	61.0	80.8	106
-8.0	**-7.0**	**-5.9**	**-4.7**	**-3.3**	**-1.7**	**16**	**2.0**	**4.2**	**6.6**	**9.4**	**12.5**	**16.0**	**24.3**	**34.8**	**48.0**	**64.6**	**85.6**	**112**
-8.5	-7.4	-6.3	-5.0	-3.5	-1.8	17.0	2.1	4.4	7.0	10.0	13.3	17.0	25.8	36.9	50.9	68.5	90.7	119
-9.0	**-7.9**	**-6.6**	**-5.3**	**-3.7**	**-2.0**	**18.0**	**2.2**	**4.7**	**7.4**	**10.5**	**14.0**	**18.0**	**27.3**	**39.1**	**53.9**	**72.6**	**96.1**	**126**
-9.5	-8.3	-7.0	-5.6	-3.9	-2.1	19.0	2.3	4.9	7.9	11.2	14.9	19.0	28.9	41.4	57.1	76.9	102	133
-10.1	**-8.8**	**-7.5**	**-5.9**	**-4.2**	**-2.2**	**20.2**	**2.5**	**5.2**	**8.4**	**11.8**	**15.8**	**20.2**	**30.6**	**43.8**	**60.5**	**81.4**	**108**	**141**
-10.7	-9.4	-7.9	-6.3	-4.4	-2.3	21.4	2.6	5.6	8.8	12.5	16.7	21.4	32.5	46.4	64.1	86.3	114	150
-11.3	**-9.9**	**-8.4**	**-6.6**	**-4.7**	**-2.5**	**22.6**	**2.8**	**5.9**	**9.4**	**13.3**	**17.7**	**22.6**	**34.4**	**49.2**	**67.9**	**91.4**	**121**	**158**
-12.0	-10.5	-8.9	-7.0	-4.9	-2.6	24.0	2.9	6.2	9.9	14.1	18.7	24.0	36.4	52.1	71.9	96.8	128	168
-12.7	**-11.1**	**-9.4**	**-7.4**	**-5.2**	**-2.8**	**25.4**	**3.1**	**6.6**	**10.5**	**14.9**	**19.9**	**25.4**	**38.6**	**55.2**	**76.2**	**103**	**136**	**178**
-13.5	-11.8	-10.0	-7.9	-5.6	-2.9	26.9	3.3	7.0	11.1	15.8	21.0	26.9	40.9	58.5	80.7	108	144	188
-14.3	**-12.5**	**-10.5**	**-8.4**	**-5.9**	**-3.1**	**28.5**	**3.5**	**7.4**	**11.8**	**16.7**	**22.3**	**28.5**	**43.3**	**62.0**	**85.5**	**115**	**153**	**200**
-15.1	-13.3	-11.2	-8.8	-6.2	-3.3	30.2	3.7	7.9	12.5	17.7	23.6	30.2	45.9	65.7	90.6	122	162	211
-16.0	**-14.0**	**-11.8**	**-9.4**	**-6.6**	**-3.5**	**32**	**3.9**	**8.3**	**13.3**	**18.8**	**25.0**	**32.0**	**48.6**	**69.6**	**96.0**	**129**	**171**	**224**
-17.0	-14.9	-12.5	-9.9	-7.0	-3.7	33.9	4.2	8.8	14.0	19.9	26.5	33.9	51.5	73.7	103	137	181	237
-18.0	**-15.8**	**-13.3**	**-10.5**	**-7.4**	**-3.9**	**35.9**	**4.4**	**9.3**	**14.9**	**21.1**	**28.1**	**35.9**	**54.6**	**78.1**	**108**	**145**	**192**	**251**
-19.0	-16.7	-14.1	-11.1	-7.9	-4.2	38.1	4.7	9.9	15.8	22.4	29.8	38.1	57.8	82.8	114	154	204	266
-20.2	**-17.7**	**-14.9**	**-11.8**	**-8.3**	**-4.4**	**40.3**	**4.9**	**10.5**	**16.7**	**23.7**	**31.5**	**40.3**	**61.3**	**87.7**	**121**	**163**	**216**	**282**
-21.4	-18.7	-15.8	-12.5	-8.8	-4.7	42.7	5.2	11.1	17.7	25.1	33.4	42.7	64.9	92.9	128	173	229	299
-22.6	**-19.9**	**-16.7**	**-13.3**	**-9.3**	**-4.9**	**45.3**	**5.5**	**11.8**	**18.7**	**26.6**	**35.4**	**45.3**	**68.8**	**98.4**	**136**	**183**	**242**	**317**
-24.0	-21.0	-17.7	-14.0	-9.9	-5.2	47.9	5.9	12.5	19.9	28.2	37.5	47.9	72.9	104	144	194	257	336
-25.4	**-22.3**	**-18.8**	**-14.9**	**-10.5**	**-5.5**	**50.8**	**6.2**	**13.2**	**21.0**	**29.8**	**39.7**	**50.8**	**77.2**	**111**	**152**	**205**	**272**	**356**
-26.9	-23.6	-19.9	-15.8	-11.1	-5.9	53.8	6.6	14.0	22.3	31.6	42.1	53.8	81.8	117	162	217	288	377
-28.5	**-25.0**	**-21.1**	**-16.7**	**-11.8**	**-6.2**	**57.0**	**7.0**	**14.8**	**23.6**	**33.5**	**44.6**	**57.0**	**86.7**	**124**	**171**	**230**	**305**	**399**
-30.2	-26.5	-22.4	-17.7	-12.5	-6.6	60.4	7.4	15.7	25.0	35.5	47.2	60.4	91.8	131	181	244	323	423
-32.0	**-28.1**	**-23.7**	**-18.7**	**-13.2**	**-7.0**	**64**	**7.8**	**16.6**	**26.5**	**37.6**	**50.0**	**64.0**	**97.3**	**139**	**192**	**259**	**342**	**448**