

# Understanding Stops

A Stop is a means of measuring the amount of light reaching your cameras sensor  
by changing sensor sensitivity, shutter speed or aperture.

Shutter Speeds		Shutter speeds continued		F Stops		ISO	
Whole	Thirds	Whole	Thirds	Whole	Thirds	Whole	Thirds
<b>1/8000</b>			1/6		1.2	<b>100</b>	
	1/6400		1/5	<b>1.4</b>			125
	1/5000	<b>1/4</b>			1.6	<b>200</b>	160
<b>1/4000</b>			1/3		1.8		250
	1/3200		1/2.5	<b>2.0</b>			320
	1/2500	<b>1/2</b>			2.2	<b>400</b>	
<b>1/2000</b>			1/.6		2.4		500
	1/1600		1/.3	<b>2.8</b>			640
	1/1250	<b>1 sec.</b>			3.2	<b>800</b>	
<b>1/1000</b>			1.3"		3.5		1000
	1/800		1.6"	<b>4.0</b>			1250
	1/640	<b>2 sec.</b>			4.5	<b>1600</b>	
<b>1/500</b>			2.5"		5.0		2000
	1/400		3"	<b>5.6</b>			2500
	1/320	<b>4 sec.</b>			6.3	<b>3200</b>	
<b>1/250</b>			5"		7.1		
	1/200		6"	<b>8</b>			
	1/160	<b>8 sec.</b>			9		
<b>1/125</b>			10"		10		
	1/100		13"	<b>11</b>			
	1/80	<b>15 sec.</b>			13		
<b>1/60</b>			20"	<b>16</b>	14		
	1/50		25"		18		
	1/40	<b>30 sec.</b>			20		
<b>1/30</b>				<b>22</b>			
	1/25				25		
	1/20				29		
<b>1/15</b>				<b>32</b>			
	1/13						
	1/10						
<b>1/8</b>							

Nikon D200 f-stop  
chart. Thanks to  
Ken Storch  
PhotographyUncapped.com