

Film Development Time/Temperature Conversion Chart

<u>18°C/64°F</u>	<u>19°C/66°F</u>	20°C/68°F	<u>21°C/70°F</u>	<u>22°C/72°F</u>	<u>24°C/75°F</u>	<u>25°C/77°F</u>	<u>27°C/80°F</u>
5:00	4:30	4:00	3:30	3:15	2:30	–	–
5:30	5:00	4:30	4:00	3:45	3:00	–	–
6:00	5:30	5:00	4:30	4:00	3:15	–	–
6:30	6:00	5:30	5:00	4:30	3:30	–	–
7:15	6:30	6:00	5:30	5:00	4:00	3:45	–
8:00	7:15	6:30	6:00	5:15	4:30	4:00	3:30
8:45	7:45	7:00	6:30	5:45	5:00	4:30	3:45
9:15	8:15	7:30	6:45	6:00	5:15	4:45	4:00
9:45	8:45	8:00	7:15	6:30	5:30	5:00	4:15
10:30	9:30	8:30	7:45	7:00	6:00	5:30	4:45
11:15	10:00	9:00	8:00	7:15	6:15	5:45	5:00
11:45	10:30	9:30	8:30	7:45	6:30	6:00	5:15
12:30	11:15	10:00	9:00	8:00	7:00	6:15	5:30
13:00	11:45	10:30	9:30	8:30	7:15	6:30	5:45
13:45	12:15	11:00	10:00	9:00	7:30	6:45	6:00
14:15	12:45	11:30	10:30	9:15	8:00	7:15	6:15
14:45	13:15	12:00	10:45	9:45	8:15	7:30	6:30
15:15	13:45	12:30	11:15	10:00	8:45	8:00	7:00
16:00	14:30	13:00	11:45	10:30	9:00	8:15	7:00
16:45	15:00	13:30	12:00	11:00	9:15	8:30	7:15
17:15	15:30	14:00	12:30	11:15	9:45	9:00	7:45
17:45	16:00	14:30	13:00	11:45	10:00	9:00	7:45
18:30	16:45	15:00	13:30	12:15	10:30	9:30	8:00
19:15	17:15	15:30	14:00	12:45	10:45	9:45	8:15
19:45	17:45	16:00	14:30	13:00	11:00	10:00	8:30
20:30	18:30	16:30	14:45	13:30	11:30	10:15	8:45
21:00	19:00	17:00	15:15	13:45	11:45	10:30	9:00
21:45	19:30	17:30	15:45	14:15	12:00	10:45	9:15
22:15	20:00	18:00	16:15	14:30	12:30	11:15	9:45
22:45	20:30	18:30	16:45	15:00	12:45	11:30	9:45
23:30	21:00	19:00	17:15	15:30	13:15	12:00	10:15
24:15	21:45	19:30	17:30	16:00	13:30	12:15	10:30
24:45	22:15	20:00	18:00	16:15	13:45	12:30	10:45
25:15	22:45	20:30	18:30	16:45	14:15	12:45	11:00
26:00	23:30	21:00	19:00	17:00	14:30	13:00	11:15
26:30	23:45	21:30	19:30	17:30	15:00	13:30	11:30
27:15	24:30	22:00	19:45	17:45	15:15	13:45	11:45
27:45	25:00	22:30	20:15	18:15	15:30	14:00	12:00
28:15	25:30	23:00	20:45	18:45	16:00	14:30	12:30
28:45	26:00	23:30	21:00	19:00	16:15	14:45	12:45

Directions for use: Find your suggested time and temperature then move straight across to the column for the temperature of your developer. This will give you your corrected development time.