

YAPN
Yet Another Photographer's Notebook

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Volume

registered by

Reward \$

» Twelve significant photographs
in any one year is a good crop.«

» There is nothing worse
than a sharp image of a fuzzy concept.«

Ansel Adams

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Contents

1 Charts

1.1 Camera movements • 1.2 *Sunny 16* rule • 1.3 Visualization and exposure metering • 1.4 Contrast control • 1.5 Extension - filter factors - exposure increasement • 1.6 Macro enlargement, (bellows) extension factors & exposure values • 1.7 Reciprocity RF (Schwarzschild law) • 1.8 Filter factors: x fF / + EV • 1.9 Depth of field • 1.10 Film holder numbering (engraved notches) • 1.11 Developing times

2 Literature

3 Notes

I Charts

Proceeding systematically and registering data is the starting point to develop techniques and procedures. This book will help you to visualize, calculate exposure in relation to bellows extensions, filter factor and reciprocity and estimate depth of field. It wants to be a compact companion, everywhere, in every occasion.

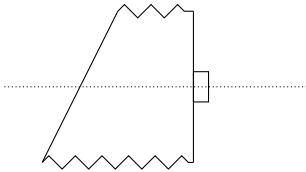
Charts in chronological order provide systematical guidelines. 140 printed forms are waiting for your collected data to be filled in (e.g. 140 single sheet film negatives or 140 medium format films with 12 exposures on each film). Mastery is not achieved with buying expensive devices or comparing MTF charts. To have routines, training and revision in everyday practise is far more important.

Photography is not rocket science. You control perspective, image placement and depth of field on your ground glass. - You define textured shadows and highlights in III and VII and adjust exposure and development to get some contrast. - You know about bellows extension factors and filter factors because making a portrait in 4x5 inch is macro photography and you use an external light meter. Simply add the exposure values in the charts, successively. Did you ever mention to do macro photography with a DX / FX SLR and an incident light meter, e.g. a Sekonic L28c2 or a Gossen Luna-Pro? Why not? It is possible and far more satisfying than 3D matrix metering through the lens. - Large format cameras do not have a depth of field scale. Just read the tables below to make an estimated guess. - But be aware: these charts result from personal experiences: of course there will be no warranty in case of failure.

If you want to learn more about theory and techniques of photography there is an interesting bibliography. You will find some of these items in your local library.

Good light!

1.1 Camera movements



Perspective control by moving the back

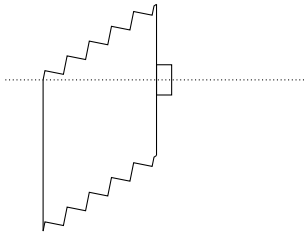
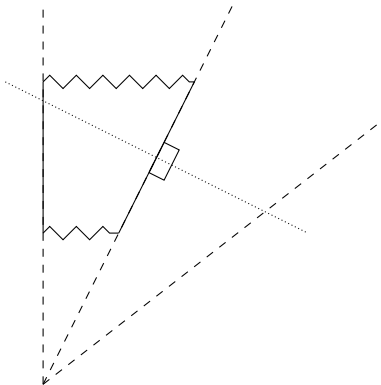


Image placement by shifting



Depth of field control by moving front or back
(Scheimpflug effect)

1.2 *Sunny 16* rule

Exposure 1/ASA sec	sun	lightly clouded sky	heavily overcast	rain
normal	16	11	8	5,6
back light, x2	11	8	5,6	4
winter, x2	11	8	5,6	4
yellow filter, x2-x3	8 1/2	5,6 1/2	4 1/2	2,8 1/2
example (see below)	4 1/2	2,8 1/2	2 1/2	1,4 1/2

Example: »Snowshoeing with frozen batteries«

1. starting point: exposure 1/ASA,
e.g. 1/500 sec with Ilford XP2 Plus ISO 27/400
2. normal: summer, landscape, sun
3. actual: winter, snowy mountains: x2,
dark yellow filter: x3, sunny back light: x2
4. multiplication of exposure factors:
 $2 \cdot 3 \cdot 2 = 12 \hat{=} 3 \frac{1}{2} \text{ EV} \hat{=} f \ 4 \frac{1}{2} \text{ instead of } f \ 16$

1.3 Visualization and exposure metering

zone	divergence	objects
X	+ 5	pure white / light sources
IX	+ 4	light without texture
VIII	+ 3	textured white, snow
VII	+ 2	very bright skin/clouds, snow in sided light textured highlights
VI	+ 1	bright sky/skin/rocks, distant mountains
V	0	dark sky/clouds: wood
IV	- 1	dark skin/rocks, shadows in landscape
III	- 2	dark trees in woods, structured shadows
II	- 3	textured darkness
I	- 4	darkness without texture
0	- 5	pure black / absolute darkness

Divergence is indicated in exposure values, corresponding to scales of light meters such as Gossen Lunasix F / Luna-Pro or Nikon F801/F4/F5/F6 (Pattern: - | · · | · · | · · O · · | · · | · · | +)

1.4 Contrast control

zones	difference	exposure EV	development
III - IX	1:12.8 $\hat{=}$ 7 EV	+ 1	N-2, pull / compression ($\sim - 25\%$)
III - VIII	1:6.4 $\hat{=}$ 6 EV	+ 0.5	N-1, pull / compression ($\sim - 25\%$)
III - VII	1:3.2 $\hat{=}$ 5 EV	0	N, normal ($\pm 0\%$)
III - VI	1:1.6 $\hat{=}$ 4 EV	- 0.5	N+1, push / expansion ($\sim + 25\%$)
III - V	1:0.8 $\hat{=}$ 3 EV	- 1	N+2, push / expansion ($\sim + 25\%$)

Howto:

1. shadows in III
2. calculate difference of textured highlights to III,
e.g. textured highlights in VIII: 6 zones difference
3. define development to get textured highlights in VII
e.g. N-1, pull / compression, $\sim - 25\%$
4. adjust exposure to keep shadows in I - III,
e.g. + 0.5 EV
5. snap shots (entire film, 135/120):
exposure x 1.5 EF or + 0.5 EV, development N-1

1.5 Extension - filter factors - exposure increasement

x	65	90	105	12x	135	150	180	210	240	300	360	x bF/ff	+ EV	filter 1
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3	
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5	
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8	
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y ₄₈ ,K ₂
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	X ₀ ,Y ₅₂
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O ₀₂₃
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R ₂₃
1	13	18	21	25	27	30	36	42	48	60	72	4	2	0 ₄₁ ,X ₁ ,B
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3	
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6	
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R ₂₅

Howto:

1. determine focal length, e.g. 180 mm, first row
2. determine (bellows) extension, e.g. 32 cm from ground glass / film to lensboard / shutter (same column)
3. read (bellows) extension factor, e.g. focal length 180 mm with a (bellows) extension of 32 cm $\hat{=}$ bellows factor bF 3.1 (same row)
4. read exposure increasement, e.g. bellows factor bF 3.1 $\hat{=}$ exposure adjustment of + 1.6 EV (same row)
5. determine filter, e.g. yellow filter Y₅₂ (last column)
6. read filter factor, e.g. Y₅₂ $\hat{=}$ ff 2.3 (same row)
7. read exposure increasement, e.g. filter ff 2.3 $\hat{=}$ exposure adjustment of + 1.2 EV (same row)
8. $\sim$ 1:1.3 macro (32cm bellows extension) with Y₅₂ filter on a Fujinon A 9/180: EF = bF x ff,
e.g. EF = 3.1 x 2.3 = 7.13 $\hat{=}$ $\sim$ + 2.6 EV

1.6 Macro enlargement, (bellows) extension factors & exposure values

enlargement scale	x bF	+ EV
1:10	1	0
1:7	1.25	1/3
1:5	1.5	2/3
1:2.5	2	1
1:2	2.5	1 1/3
1:1.3	3	1 2/3
1:1	4	2
1.25:1	5	2 1/3
1.5:1	6	2 2/3
1.8:1	8	3
2.2:1	10	3 1/3
2.5:1	12	3 2/3
3:1	16	4
3.5:1	20	4 1/3
4:1	24	4 2/3
4.5:1	32	5
5:1	36	5 1/3
6:1	49	5 1/3
7:1	64	6

$$bF = (\text{enlargement scale} + 1)^2$$

e.g. Micro-Nikkor 2.8/55, enlargement scale 1:2:

$$bF = \left(\frac{1}{2} + 1\right)^2 = (0.5 + 1)^2 = (1.5)^2 \approx 2.3 \hat{=} +1.2 \text{ EV}$$

$$bF = \frac{\text{extension}^2}{\text{focal length}^2}$$

e.g. Fujinon A 9/180 with extension 270mm:

$$bF = \frac{270^2}{180^2} = \frac{72900}{32400} \approx 2.25 \hat{=} +1.2 \text{ EV}$$

1.7 Reciprocity RF (Schwarzschild law)

	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
Fomapan	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
RPan 25	3	5	7	8	11	13	15	17	20							
ROrth 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	

Howto:

1. determine exposure in seconds
2. read adjusted exposure time depending on film material
e.g. Fomapan 100: 50 sec instead of 7 sec
3. adjust development depending on exposure adjustment
e.g. Ilford FP4+: 27 sec instead of 10 sec $\hat{=}$ dev. time - 7 %

1.8 Filter factors: x fF / + EV

Film	K2,Y49	Xo,Y52	o23	XI,O,056,B	R23	R25	Pol
PanF+@50	x2/+1	x3/+1.6	x2/+1	x3/+1.6	x6/+2.6	x8/+3	
FP4+@64	x2/+1	x3/+1.6	x2/+1	x3/+1.6	x6/+2.6	x8/+3	
HP5+@320	x2/+1	x3/+1.6	x2/+1	x3/+1.6	x6/+2.6	x8/+3	
FoPa100@50	x2/+1			x3/+1.6			
APX100@64	x1.5/+0.5	x2/+1	x3/+1.6	x4/+2	x5/+2.3	x8/+3	
TMX@100	x1.5/+0.5	x3/+1.6	x2/+1		x8/+3		x2.5/+1.5
TMY@400	x1.5/+0.5	x3/+1.6	x2/+1		x8/+3		x2.5/+1.5
Rolleiz5@25	x1.5/+0.5	x2/+1	x3/+1.6	x4/+2	x5+2.3	x8/+3	
Trix@320	x2/+1	x4/+2	x2.5/+1.5			x8/+3	x2.5/+1.5
PXP@125	x2/+1	x4/+2	x2.5/+1.5		x6/+2.6	x6/+2.6	x2.5/+1.5
Ø	x2/+1	x2.3/+1.3	x2.5/+1.5	x4/+2	x6/+2.6	x8/+3	x2.5/+1.5

Type	xfF	+EV
ND 0.10	x1.25	+0.3
ND 0.20	x1.5	+0.66
ND 0.30	x2	+1
ND 0.40	x2.5	+1.3
ND 0.50	x3	+1.66
ND 0.60	x4	+2
ND 0.70	x5	+2.3
ND 0.80	x6	+2.66
ND 0.90	x8	+3
ND 1.00	x10	+3.3
ND 2.00	x100	+6.66
ND 3.00	x1000	+10

1.9 Depth of field

65mm	5,6	8	11	16	22	32
∞	9,5-∞	6,7-∞	4,9-∞	3,4-∞	2,5-∞	1,8-∞
5	3,4-10	3-18	2,6-∞	2,1-∞	1,8-∞	1,4-∞
3	2,4-4,2	2,2-5,2	2-7	2-20	1,5-∞	1,2-∞
2	1,7-2,4	1,6-2,7	1,5-3,2	1,4-4,3	1,2-8,4	1-∞

80mm	4	5,6	8	11	16	22	32
∞	22-∞	16-∞	11-∞	8-∞	5,6-∞	4-∞	3-∞
10	7-18	6,2-27	5,3-100	4,5-∞	3,7-∞	3-∞	2,3-∞
5	4,1-6,4	3,9-7,2	3,5-8,9	3,2-12	2,7-42	2,3-∞	1,9-∞
3	2,7-3,4	2,6-3,6	2,4-4	2,3-4,6	2-6	1,8-10	1,3-∞
2	1,9-2,1	1,8-2,2	1,8-2,3	1,7-2,5	1,5-3	1,4-3,6	1,3-5,9

Extension	90mm	8	11	16	22	32
-	∞	18-∞	15-∞	12-∞	9,4-∞	7-∞
1,65mm	5	4,5-5,8	4,3-6	4-7	3,6-8	3,3-12
3,36mm	2,5	2,4-2,6	2,3-2,7	2,1-2,9	2,1-3	2-3,5

Extension	135mm	11	16	22	32	45
-	∞	21-∞	15-∞	11-∞	7,5-∞	5,2-∞
1,85mm	10	7-18	6-30	6-140	4,3-∞	3,5-∞
2,65mm	7	6-10	5-13	4,3-19	4-117	3-∞
3,75mm	5	4,1-6,4	4-7,5	3,5-9	3-14	2,6-79
6,35mm	3	2,7-3,5	2,6-3,7	2,4-4,1	2,2-4,9	2-6,6

Extension	150mm	11	16	22	32	45
-	∞	24-∞	17-∞	12-∞	8-∞	6-∞
2,28mm	10	7-17	7-25	6-61	4,6-∞	4-∞
3,28mm	7	6-9	5-13	4,5-16	4-45	3,2-∞
4,64mm	5	4,2-6,3	4-7	3,6-8,5	3,2-12	2,7-32
7,89mm	3	2,8-3,4	2,6-3,6	2,5-3,9	2,3-4,6	2,1-5,9

Extension	180mm	11	16	22	32	45
-	∞	38-∞	26-∞	19-∞	13-∞	9,2-∞
2,18mm	15	11-24	9,5-34	8,5-69	7-∞	5,8-∞
3,3mm	10	8-13	7,3-16	6,6-20	5,7-41	4,9-∞
4,75mm	7	6-8,5	5,6-9	5,2-10	4,6-14	4,1-26
6,72mm	5	4,5-5,5	4,3-6	4-6,5	3,7-7,5	3,3-10
11,49mm	3	2,8-3,2	2,8-3,3	2,7-3,5	2,5-3,8	2,3-4,3

1.10 Film holder numbering (engraved notches)

10	20	30	5	1	2	3	4	ID
				▼				1
					▼			2
						▼		3
							▼	4
			▼					5
			▼	▼				6
			▼		▼			7
			▼			▼		8
			▼				▼	9
▼								10
▼				▼				11
▼					▼			12
▼						▼		13
▼							▼	14
▼			▼					15
▼			▼	▼				16
▼			▼		▼			17
▼			▼			▼		18
▼			▼				▼	19
	▼							20
	▼			▼				21
	▼				▼			22
	▼					▼		23
	▼						▼	24
	▼		▼					25
	▼		▼	▼				26
	▼		▼		▼			27
	▼		▼			▼		28
	▼		▼				▼	29
		▼						30
		▼		▼				31
		▼			▼			32
		▼				▼		33
		▼					▼	34
		▼	▼					35
		▼	▼	▼				36
left side			center	right side				

I.II Developing times

[illegible]

Howto:

1. rhythm: first 30 sec constant agitation,
then 5 sec agitation at the beginning of every 30 sec interval
2. min. 4.16 ml Rodinal per film, min. 6 ml HC110 per film
3. 1 x 35mm film $\hat{=}$ 1 x 120 film $\hat{=}$ 3 x 4x5 inch film

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3 Notes

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N							
Subject																			
Lens				Camera								Filter							
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter					
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3						
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5						
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8						
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2					
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52					
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023					
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23					
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B					
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3						
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6						
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25					
fF/EV				bF/EV								cm				EF/EV			
Zone / Nr		EV		Detail / Subject															
- / 1																			
o / 2																			
I / 3																			
II / 4																			
III / 5																			
IV / 6																			
V / 7																			
VI / 8																			
VII / 9																			
VIII / 10																			
IX / 11																			
X / 12																			
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}							
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60			
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m			
-x%							5	6	7	8	9	10	12	14	16	18			
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m					
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m			
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m					
-x%			5	5	6	7	8	8	9	9	10	12	17	22					
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m				
↑ → @ □ △								t _{with RF}				f _{with RF}							
Developer/dilution												Dev. %							

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N							
Subject																			
Lens				Camera								Filter							
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter					
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3						
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5						
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8						
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2					
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52					
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023					
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23					
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B					
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3						
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6						
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25					
fF/EV				bF/EV								cm				EF/EV			
Zone / Nr		EV		Detail / Subject															
- / 1																			
o / 2																			
I / 3																			
II / 4																			
III / 5																			
IV / 6																			
V / 7																			
VI / 8																			
VII / 9																			
VIII / 10																			
IX / 11																			
X / 12																			
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}							
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60			
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m			
-x%							5	6	7	8	9	10	12	14	16	18			
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m					
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m			
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m					
-x%			5	5	6	7	8	8	9	9	10	12	17	22					
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m				
↑ → @ □ △								t _{with RF}				f _{with RF}							
Developer/dilution												Dev. %							

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ ◀								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ ◀								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ ◀								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ ◀								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ ◀								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N							
Subject																			
Lens				Camera								Filter							
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter					
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3						
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5						
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8						
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2					
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32					
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023					
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23					
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B					
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3						
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6						
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25					
fF/EV				bF/EV								cm				EF/EV			
Zone / Nr		EV		Detail / Subject															
- / 1																			
o / 2																			
I / 3																			
II / 4																			
III / 5																			
IV / 6																			
V / 7																			
VI / 8																			
VII / 9																			
VIII / 10																			
IX / 11																			
X / 12																			
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}							
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60			
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m			
-x%							5	6	7	8	9	10	12	14	16	18			
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m					
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m			
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m					
-x%			5	5	6	7	8	8	9	9	10	12	17	22					
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m				
↑ → @ □ △								t _{with RF}				f _{with RF}							
Developer/dilution												Dev. %							

Notes:

ID				Film				Format				N / N							
Subject																			
Lens				Camera								Filter							
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter					
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3						
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5						
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8						
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2					
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32					
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023					
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23					
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B					
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3						
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6						
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25					
fF/EV				bF/EV								cm				EF/EV			
Zone / Nr		EV		Detail / Subject															
- / 1																			
o / 2																			
I / 3																			
II / 4																			
III / 5																			
IV / 6																			
V / 7																			
VI / 8																			
VII / 9																			
VIII / 10																			
IX / 11																			
X / 12																			
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}							
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60			
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m			
-x%							5	6	7	8	9	10	12	14	16	18			
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m					
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m			
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m					
-x%			5	5	6	7	8	8	9	9	10	12	17	22					
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m				
↑ → @ □ △								t _{with RF}				f _{with RF}							
Developer/dilution												Dev. %							

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N							
Subject																			
Lens				Camera								Filter							
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter					
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3						
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5						
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8						
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2					
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52					
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023					
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23					
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B					
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3						
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6						
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25					
fF/EV				bF/EV								cm				EF/EV			
Zone / Nr		EV		Detail / Subject															
- / 1																			
o / 2																			
I / 3																			
II / 4																			
III / 5																			
IV / 6																			
V / 7																			
VI / 8																			
VII / 9																			
VIII / 10																			
IX / 11																			
X / 12																			
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}							
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60			
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m			
-x%							5	6	7	8	9	10	12	14	16	18			
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m					
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m			
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m					
-x%			5	5	6	7	8	8	9	9	10	12	17	22					
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m				
↑ → @ □ △								t _{with RF}				f _{with RF}							
Developer/dilution												Dev. %							

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ ◀								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N							
Subject																			
Lens				Camera								Filter							
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter					
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3						
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5						
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8						
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2					
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52					
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023					
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23					
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B					
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3						
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6						
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25					
fF/EV				bF/EV								cm				EF/EV			
Zone / Nr		EV		Detail / Subject															
- / 1																			
o / 2																			
I / 3																			
II / 4																			
III / 5																			
IV / 6																			
V / 7																			
VI / 8																			
VII / 9																			
VIII / 10																			
IX / 11																			
X / 12																			
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}							
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60			
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m			
-x%							5	6	7	8	9	10	12	14	16	18			
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m					
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m			
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m					
-x%			5	5	6	7	8	8	9	9	10	12	17	22					
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m				
↑ → @ □ △								t _{with RF}				f _{with RF}							
Developer/dilution												Dev. %							

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
ff/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y32			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
fF/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

ID				Film				Format				N / N				
Subject																
Lens				Camera								Filter				
x	65	90	105	12x	135	150	180	210	240	300	360	bF/fF	EV	filter		
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3			
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5			
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8			
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2		
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52		
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023		
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23		
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B		
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3			
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6			
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25		
fF/EV				bF/EV cm								EF/EV				
Zone / Nr		EV		Detail / Subject												
- / 1																
o / 2																
I / 3																
II / 4																
III / 5																
IV / 6																
V / 7																
VI / 8																
VII / 9																
VIII / 10																
IX / 11																
X / 12																
EV <i>without EF</i>				EV <i>with EF</i>				t _{without RF}				f _{without RF}				
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m
-x%							5	6	7	8	9	10	12	14	16	18
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m		
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m		
-x%			5	5	6	7	8	8	9	9	10	12	17	22		
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m	
↑ → @ □ △								t _{with RF}				f _{with RF}				
Developer/dilution												Dev. %				

Notes:

ID				Film				Format				N / N					
Subject																	
Lens				Camera										Filter			
x	65	90	105	12x	135	150	180	210	240	300	360	bF/ff	EV	filter			
10	7.2	10	11.5	14	15	16.5	20	23	26.5	33	40	1.2	0.3				
5	7.8	11	12.5	15	16	18	21.5	25	29	36	43	1.4	0.5				
3	8.7	12	14	17	18	20	24	28	32	40	48	1.8	0.8				
2.5	9	12.5	14.5	18	19	21	25	30	33.5	42	50	2	1	Y48,K2			
2	9.8	13.5	16	19	20	22.5	27	31.5	36	45	54	2.3	1.2	Xo,Y52			
1.4	11	15.5	18	22	23	26	31	36	41	51.5	61.5	2.9	1.6	O,023			
1.3	11.5	16	18.5	23	24	26.5	32	37	42.5	53	64	3.1	1.6	P,R23			
1	13	18	21	25	27	30	36	42	48	60	72	4	2	o41,X1,B			
1.25	14.5	20	23.5	28	30	33.5	40	47	53	67	80	5	2.3				
1.75	17.5	24.5	29	35	37	41	49	57	65	82	98	7.5	2.6				
2	19.5	27	31.5	38	40	45	54	63	72	90	108	9	3.2	R25			
ff/EV				bF/EV								cm				EF/EV	
Zone / Nr		EV		Detail / Subject													
- / 1																	
o / 2																	
I / 3																	
II / 4																	
III / 5																	
IV / 6																	
V / 7																	
VI / 8																	
VII / 9																	
VIII / 10																	
IX / 11																	
X / 12																	
EV _{without EF}				EV _{with EF}				t _{without RF}				f _{without RF}					
RF	2	3	4	5	6	7	8	9	10	11	12	16	24	32	45	60	
Ilford	3	5	7	10	12	14	19	22	27	30	33	50	90	2.5m	4m	6.5m	
-x%							5	6	7	8	9	10	12	14	16	18	
FoPa	7	14	21	30	40	50	60	70	80	90	2m	3m	15m	60m			
R 25	3	5	8	11	14	17	21	27	33	40	50	60	72	90	2m	3m	
TMX	2	5	10	18	21	23	26	30	35	40	45	80	120	4.5m			
-x%			5	5	6	7	8	8	9	9	10	12	17	22			
TMY	3	5	7	10	12	14	18	22	25	29	32	54	90	140	3.5m		
↑ → @ □ △								t _{with RF}				f _{with RF}					
Developer/dilution												Dev. %					

Notes:

