

Design rainfall depths (mm) at Bungendore [source: Australian Rainfall and Runoff 2019]

Duration	12EY	6EY	4EY	3EY	2EY	1EY	50%#	20%*	10%	5%	2%	1%
1 min	0.594	0.702	0.896	1.04	1.25	1.65	1.86	2.52	2.98	3.44	4.07	4.55
2 min	1.02	1.22	1.56	1.81	2.16	2.79	3.13	4.19	4.88	5.54	6.37	7
3 min	1.36	1.63	2.11	2.45	2.94	3.82	4.28	5.74	6.71	7.65	8.86	9.79
4 min	1.66	1.99	2.57	3	3.62	4.72	5.3	7.13	8.37	9.58	11.2	12.4
5 min	1.92	2.31	2.98	3.48	4.21	5.52	6.2	8.36	9.85	11.3	13.3	14.8
10 min	2.96	3.51	4.53	5.28	6.4	8.47	9.54	13	15.4	17.9	21.2	23.8
15 min	3.72	4.39	5.61	6.53	7.9	10.4	11.8	16.1	19.1	22.1	26.3	29.5
20 min	4.34	5.09	6.47	7.5	9.04	11.9	13.4	18.3	21.8	25.2	29.8	33.5
25 min	4.86	5.68	7.17	8.29	9.97	13.1	14.8	20.1	23.8	27.6	32.5	36.4
30 min	5.31	6.19	7.78	8.97	10.8	14.1	15.9	21.6	25.5	29.5	34.7	38.8
45 min	6.4	7.41	9.22	10.6	12.6	16.3	18.4	24.8	29.2	33.6	39.4	43.9
1 hour	7.25	8.35	10.3	11.8	14	18	20.2	27.1	31.9	36.6	42.7	47.5
1.5 hour	8.53	9.79	12	13.7	16.1	20.5	22.9	30.5	35.7	40.9	47.7	53.1
2 hour	9.5	10.9	13.3	15.1	17.7	22.5	25	33.1	38.7	44.2	51.7	57.6
3 hour	10.9	12.5	15.3	17.3	20.3	25.5	28.2	37.1	43.3	49.6	58.3	65.3
4.5 hour	12.5	14.3	17.5	19.8	23.1	29	31.9	41.8	48.9	56.2	66.7	75.2
6 hour	13.7	15.7	19.2	21.7	25.4	31.7	34.9	45.6	53.6	61.9	74	83.9
9 hour	15.4	17.7	21.8	24.7	28.9	36.2	39.8	52.2	61.6	71.8	86.7	99.1
12 hour	16.7	19.2	23.7	27	31.6	39.8	43.7	57.7	68.5	80.3	97.6	112
18 hour	18.6	21.5	26.7	30.4	35.8	45.3	50	66.7	80	94.7	116	134
24 hour	20	23.2	28.9	33	38.9	49.5	54.9	74.1	89.4	106	130	151
30 hour	21.2	24.6	30.6	35	41.4	52.9	58.9	80.2	97.4	116	143	164
36 hour	22.1	25.7	32	36.7	43.5	55.7	62.2	85.5	104	125	153	176
48 hour	23.5	27.4	34.2	39.3	46.6	60.1	67.5	94	115	138	169	193
72 hour	25.3	29.6	37.1	42.6	50.8	65.9	74.5	105	130	156	189	215
96 hour	26.4	30.8	38.8	44.8	53.5	69.5	78.9	112	138	166	200	227
120 hour	26.9	31.5	39.9	46.1	55.3	71.9	81.6	116	142	172	206	234
144 hour	27.2	31.8	40.6	47.1	56.5	73.6	83.3	117	144	174	210	238
168 hour	27.2	31.9	41.1	47.8	57.5	74.9	84.4	118	144	174	211	241

Note:

The 50% AEP IFD **does not** correspond to the 2 year Average Recurrence Interval (ARI) IFD. Rather it corresponds to the 1.44 ARI.

* The 20% AEP IFD **does not** correspond to the 5 year Average Recurrence Interval (ARI) IFD. Rather it corresponds to the 4.48 ARI