



Location

**Label:** Not provided

**Latitude:** -33.8702 [Nearest grid cell: 33.8625 (S)]

**Longitude:** 151.091 [Nearest grid cell: 151.0875 (E)]

IFD Design Rainfall Depth (mm)

Issued: 08 April 2024

Rainfall depth for Durations, Exceedance per Year (EY), and Annual Exceedance Probabilities (AEP).  
[FAQ for New ARR probability terminology](#)

	Annual Exceedance Probability (AEP)						
Duration	63.2%	50%#	20%*	10%	5%	2%	1%
1 min	2.27	2.51	3.27	3.77	4.27	4.92	5.41
2 min	3.77	4.10	5.14	5.86	6.57	7.52	8.25
3 min	5.23	5.71	7.21	8.25	9.27	10.6	11.7
4 min	6.56	7.19	9.17	10.5	11.9	13.6	15.0
5 min	7.75	8.52	11.0	12.6	14.3	16.4	18.0
10 min	12.2	13.6	17.8	20.6	23.3	26.9	29.6
15 min	15.3	17.0	22.2	25.7	29.2	33.6	37.0
20 min	17.5	19.4	25.4	29.4	33.3	38.4	42.2
25 min	19.3	21.4	27.9	32.3	36.5	42.0	46.2
30 min	20.8	23.0	29.9	34.5	39.0	44.9	49.4
45 min	24.3	26.8	34.4	39.6	44.7	51.4	56.6
1 hour	27.0	29.6	37.8	43.4	48.9	56.3	62.0
1.5 hour	31.1	33.9	43.0	49.3	55.6	64.1	70.7
2 hour	34.4	37.4	47.3	54.3	61.3	70.7	78.2
3 hour	39.8	43.3	54.8	63.0	71.3	82.6	91.6
4.5 hour	46.4	50.6	64.5	74.5	84.6	98.7	110
6 hour	52.0	57.0	73.2	84.9	96.9	114	127
9 hour	61.5	67.9	88.7	104	119	141	158
12 hour	69.4	77.1	102	120	139	165	186
18 hour	82.4	92.5	125	149	173	206	233
24 hour	92.7	105	144	172	201	241	272
30 hour	101	115	160	192	225	270	305
36 hour	108	124	174	209	245	294	332
48 hour	120	138	195	236	277	332	374
72 hour	136	156	223	270	317	379	426
96 hour	146	168	240	289	338	403	452
120 hour	153	176	249	300	350	415	464

144 hour	158	181	255	305	355	420	470
168 hour	162	185	258	308	357	421	471

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.

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