



Location

Label: Not provided

Latitude: -33.8774 [Nearest grid cell: 33.8875 (S)]

Longitude: 151.093 [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	2.28	2.51	3.25	3.74	4.22	4.84	5.32
2 min	3.77	4.10	5.14	5.86	6.57	7.52	8.25
3 min	5.23	5.71	7.21	8.23	9.24	10.6	11.6
4 min	6.56	7.19	9.15	10.5	11.8	13.5	14.9
5 min	7.75	8.52	10.9	12.6	14.1	16.2	17.8
10 min	12.2	13.6	17.6	20.4	23.0	26.4	29.0
15 min	15.3	16.9	22.0	25.5	28.7	33.0	36.2
20 min	17.5	19.4	25.2	29.1	32.8	37.7	41.4
25 min	19.3	21.4	27.7	31.9	36.0	41.3	45.3
30 min	20.8	23.0	29.7	34.2	38.6	44.3	48.6
45 min	24.3	26.7	34.3	39.4	44.4	50.9	55.9
1 hour	27.0	29.5	37.7	43.3	48.7	55.9	61.5
1.5 hour	31.0	33.9	43.0	49.3	55.6	64.0	70.5
2 hour	34.3	37.5	47.5	54.4	61.4	70.8	78.2
3 hour	39.8	43.4	55.1	63.3	71.7	83.0	92.0
4.5 hour	46.4	50.7	64.9	75.0	85.3	99.4	111
6 hour	52.0	57.1	73.7	85.6	97.7	114	128
9 hour	61.5	68.0	89.2	104	120	141	158
12 hour	69.5	77.3	103	121	140	165	186
18 hour	82.5	92.7	126	149	173	207	233
24 hour	92.8	105	145	173	201	240	271
30 hour	101	115	160	192	224	269	303
36 hour	109	124	174	209	244	292	330
48 hour	120	138	195	235	275	329	371
72 hour	136	157	223	268	313	375	421
96 hour	146	168	239	287	334	398	446
120 hour	153	176	249	298	346	409	458

144 hour	158	181	254	304	351	414	462
168 hour	162	185	258	307	354	414	462

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.

This page was created at 15:22 on Monday 08 April 2024 (AEST)

© Copyright Commonwealth of Australia 2024, Bureau of Meteorology (ABN 92 637 533 532) | CRICOS Provider 02015K | Disclaimer | Privacy | Accessibility