

Difference between DRY BULB and WET BULB readings ° Celcius

Dry Bulb Temp.	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
50	97	94	92	89	87	84	82	79	77	74	72	70	68	66	63	61
49	97	94	92	89	86	84	81	79	77	74	72	70	67	65	63	61
48	97	94	92	89	86	84	81	79	76	74	71	69	67	65	62	60
47	97	94	92	89	86	83	81	78	76	73	71	69	66	64	62	60
46	97	94	91	89	86	83	81	78	76	73	71	68	66	64	62	59
45	97	94	91	88	86	83	80	78	75	73	70	68	66	63	61	59
44	97	94	91	88	86	83	80	78	75	72	70	68	65	63	61	58
43	97	94	91	88	85	83	80	77	75	72	70	67	65	62	60	58
42	97	94	91	88	85	82	80	77	74	72	69	67	64	62	59	57
41	97	94	91	88	85	82	79	77	74	71	69	66	64	61	59	56
40	97	94	91	88	85	82	79	76	73	71	68	66	63	61	58	56
39	97	94	91	87	84	82	79	76	73	70	68	65	63	60	58	55
38	97	94	90	87	84	81	78	75	73	70	67	65	62	59	57	54
37	97	93	90	87	84	81	78	75	72	69	67	64	61	59	56	54
36	97	93	90	87	84	81	78	75	72	69	66	63	61	58	55	53
35	97	93	90	87	83	80	77	74	71	68	65	63	60	57	55	52
34	96	93	90	86	83	80	77	74	71	68	65	62	59	56	54	51
33	96	93	89	86	83	80	76	73	70	67	64	61	58	56	53	50
32	96	93	89	86	83	79	76	73	70	67	64	61	58	55	52	49
31	96	93	89	86	82	79	75	72	69	66	63	60	57	54	51	48
30	96	93	89	85	82	78	75	72	68	65	62	59	56	53	50	47
29	96	92	89	85	81	78	74	71	68	65	61	58	55	52	49	46
28	96	92	88	85	81	77	74	70	67	64	60	57	54	51	48	45
27	96	92	88	84	81	77	73	70	66	63	60	56	53	50	47	44
26	96	92	88	84	80	76	73	69	66	62	59	55	52	49	46	42
25	96	92	88	84	80	76	72	68	65	61	58	54	51	47	44	41
24	96	91	87	83	79	75	71	68	64	60	57	53	50	46	43	39
23	96	91	87	83	79	75	71	67	63	59	56	52	48	45	41	38
22	95	91	87	82	78	74	70	66	62	58	54	51	47	43	40	36
21	95	91	86	82	78	73	69	65	61	57	53	49	45	42	38	35
20	95	91	86	81	77	73	68	64	60	56	52	48	44	40	36	33
19	95	90	86	81	76	72	67	63	59	55	50	46	42	38	34	31
18	95	90	85	80	76	71	66	62	58	53	49	45	41	36	32	29
17	95	90	85	80	75	70	65	61	56	52	47	43	39	34	30	26
16	95	89	84	79	74	69	64	60	55	50	46	41	37	32	28	24
15	94	89	84	78	73	68	63	58	53	49	44	39	35	30	26	21
14	94	89	83	78	72	67	62	57	52	47	42	37	32	28	23	18
13	94	88	83	77	71	66	61	55	50	45	40	35	30	25	20	16
12	94	88	82	76	70	65	59	54	48	43	38	32	27	22	17	12
11	94	87	81	75	69	63	58	52	46	41	35	30	25	19	14	9
10	93	87	81	74	68	62	56	50	44	38	33	27	22	16	11	5
9	93	86	80	73	67	61	54	48	42	36	30	24	18	13	7	2
8	93	86	79	72	66	59	52	46	40	33	27	21	15	9	3	
7	93	85	78	71	64	57	50	44	37	31	24	18	11	5		
6	92	85	77	70	63	55	48	41	34	28	21	14				
5	92	84	76	69	61	53	46	39	31	24						
4	92	83	75	67	59	51	44	36								
3	91	83	74	66	57	49										
2	91	82	73	64												
1	90	81														

THERMOMETER HYGROMETER
(Mason's Wet and Dry Bulb Hygrometer)

Fill the reservoir and ensure the wick is wet. Note the Dry Bulb reading (left hand column). Subtract the Wet Bulb reading from the Dry Bulb reading to find the wet Bulb depression. Note the difference along the top line. Follow this column down until level with the Dry Bulb reading for the Percentage Humidity. Best results will be achieved when the instrument is sited in slightly moving air (approx. 1 to 1.5 metres sec).