

(R.22)

年/月/日	Run No.	T_{vo} (°C)	T_{hwi} (°C)	T_{hwo} (°C)	T_{vm} (°C)	$T_{hwo}-T_{vo}$ (°C)	V_{hw} (m/s)	U_E (W/(m ² K))	ΔT_{art} (°C)	$1/U_E \times 10^{-3}$ (m ² K/W)	$V_{hw}^{-0.8}$ (m/s) ^{-0.8}	q (W/m ²)	$P_v \times 10^7$ (Pa)	h_{ib} (W/(m ² K))
59/1/27	84	22.37	26.66	24.40	22.37	2.03	1.40	5149.9	1.09			15538	0.0994	14200
	85	22.40	26.66	24.30	22.40	1.90	1.39	5398.0	0.98			15797	0.0994	16100
	86	22.27	26.54	24.25	22.27	1.98	1.40	5256.5	1.04			15642	0.0994	14995
	87	22.15	26.39	24.10	22.15	1.95	1.39	5316.1	1.01	0.1881	0.767	15685	0.0994	15582
	89	21.86	25.98	23.81	21.86	1.95	1.42	5337.4	0.98	0.1874	0.757	15496	0.0994	15797
	91	21.51	25.58	23.37	21.51	1.86	1.40	5570.2	0.87			15712	0.0994	18159
	93	21.46	25.78	23.49	21.46	2.03	1.41	5454.5	0.97			16529	0.102	16976
	94	21.31	25.56	23.29	21.31	1.98	1.41	5554.9	0.91			16496	0.102	18064
	95	21.36	25.54	23.34	21.36	1.98	1.40	5481.8	0.92			16119	0.102	17540
	97	21.66	25.98	23.71	21.66	2.05	1.40	5331.2	1.02	0.1876	0.764	16236	0.102	15929
	98	21.90	26.34	23.98	21.90	2.08	1.39	5262.4	1.07	0.1900	0.768	16361	0.102	15249
	99	22.30	26.64	24.32	22.30	2.02	1.40	5284.0	1.05			16046	0.102	15285
	100	22.37	26.68	24.42	22.37	2.05	1.40	5201.4	1.08			15827	0.102	14624
	101	22.32	26.59	24.37	22.32	2.05	1.40	5159.3	1.09			15599	0.102	14351
	102	22.25	26.46	24.20	22.25	1.95	1.39	5341.5	0.99			15706	0.102	15870
	105	21.63	25.76	23.61	21.63	1.98	1.40	5302.0	0.98	0.1886	0.765	15482	0.101	15757
	106	21.61	25.90	23.64	21.61	2.03	1.39	5242.8	1.04	0.1907	0.768	15834	0.103	15199
	108	21.93	26.32	24.01	21.93	2.08	1.40	5139.9	1.12	0.1946	0.764	15880	0.103	14185
	109	22.15	26.64	24.15	22.15	2.00	1.40	5313.7	1.07	0.1882	0.764	16358	0.103	15296
	110	22.32	26.88	24.37	22.32	2.05	1.39	5219.4	1.12			16383	0.103	14621
	111	22.35	26.78	24.45	22.35	2.10	1.39	5065.0	1.16			15189	0.103	13637
	114	21.41	25.66	23.46	21.41	2.05	1.39	5203.2	1.04			15700	0.101	15036
	116	21.12	25.19	23.10	21.12	1.98	1.41	5376.2	0.94			15604	0.101	16570
	117	21.02	25.00	23.00	21.02	1.98	1.41	5360.4	0.93			15350	0.101	16577
	118	18.92	23.27	21.22	18.92	2.30	1.38	4336.0	1.43	0.2306	0.772	13976	0.0935	9805
	119	19.09	23.47	21.37	19.09	2.28	1.38	4340.1	1.42			13963	0.0935	9799
	120	18.00	22.81	20.48	18.00	2.48	1.39	4206.6	1.62	0.2377	0.768	14793	0.0915	9111
	121	18.52	23.20	20.85	18.52	2.33	1.38	4362.3	1.50	0.2292	0.771	14702	0.0915	9808
	122	17.92	22.34	20.28	17.92	2.36	1.38	4177.8	1.50	0.2394	0.774	13696	0.0905	9117
	123	18.00	22.68	20.40	18.00	2.40	1.39	4204.1	1.58	0.2379	0.769	14377	0.0905	9102
	124	13.88	17.80	16.10	13.88	2.22	1.38	4082.1	1.33			12180	0.0807	9133
	125	13.81	17.80	16.05	13.81	2.24	1.37	4058.1	1.36			12298	0.0807	9026
	126	14.14	18.44	16.45	14.14	2.31	1.38	4047.9	1.48			12992	0.0807	8806

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年/月/日	Run No.	T _{vo} (°C)	T _{hwi} (°C)	T _{hwo} (°C)	T _{vm} (°C)	T _{hwo} -T _{vo} (°C)	V _{hw} (m/s)	U _E (W/(m ² K))	ΔT _{sat} (°C)	1/U _E × 10 ⁻³ (m ² K/W)	V _{hw-0.8} (m/s) ^{-0.8}	q (W/m ²)	P _v × 10 ⁷ (Pa)	h _B (W/(m ² K))
59/1/27	127	14.64	18.87	16.97	14.64	2.33	1.37	3900.9	1.53			12454	0.0807	8146
	128	14.16	18.00	16.30	14.16	2.14	1.36	4269.1	1.22			12406	0.0807	10160
	129	14.09	18.00	16.25	14.09	2.16	1.38	4268.7	1.25			12604	0.0807	10059
	130	14.71	18.94	17.00	14.71	2.29	1.39	4094.9	1.44			12946	0.0837	8981
	131	15.01	19.29	17.32	15.01	2.31	1.37	3986.2	1.50			12742	0.0837	8496
	132	12.46	16.50	14.70	12.46	2.24	1.36	3877.7	1.43			11846	0.0778	8257
	133	12.53	16.52	14.80	12.53	2.27	1.36	3802.4	1.46			11594	0.0778	7944
	134	12.56	16.62	14.78	12.56	2.22	1.36	3866.9	1.44			11792	0.0787	8164
	135	12.81	16.85	15.08	12.81	2.27	1.38	3781.3	1.49			11606	0.0787	7767
	136	12.56	16.52	14.78	12.56	2.22	1.37	3847.9	1.43			11575	0.0787	8097
	137	15.18	21.20	18.22	15.18	3.04	0.88	3029.8	2.25			13200	0.0847	5860
	138	15.58	21.92	18.59	15.58	3.01	0.89	3091.7	2.31			13810	0.0847	5983
	139	15.71	21.94	18.72	15.71	3.01	0.88	3077.9	2.29			13626	0.0847	5959
	140	19.19	25.73	22.01	19.19	2.82	0.89	3562.8	2.06			15765	0.0935	7657
141	19.26	25.85	22.13	19.26	2.87	0.89	3507.4	2.12			15701	0.0935	7407	
59/2/1	201	17.40	22.73	20.11	17.40	2.71	1.14	3867.4	1.78			14968	0.0896	8410
	202	17.68	23.13	20.38	17.68	2.70	1.14	3828.6	1.82			15122	0.0896	8314
	203	22.18	28.24	25.11	22.18	2.93	1.13	3884.1	2.07	0.2575	0.909	16753	0.101	8102
	204	22.25	28.37	25.18	22.25	2.93	1.13	3896.0	2.08			16878	0.101	8126
	205	22.30	28.34	25.26	22.30	2.96	1.13	3858.8	2.09			16664	0.101	7982
	206	22.08	27.90	24.94	22.08	2.86	1.12	3926.7	1.96	0.2547	0.911	16372	0.101	8353
	207	21.98	27.71	24.81	21.98	2.83	1.12	3943.2	1.92	0.2536	0.910	16278	0.101	8456
	208	24.73	30.67	27.65	24.73	2.92	1.16	3919.2	2.08			16628	0.109	8030
	209	24.75	30.62	27.62	24.75	2.87	1.16	3959.6	2.03			16611	0.109	8200
	210	24.46	30.16	27.31	24.46	2.85	1.16	3948.1	1.98			16242	0.109	8218
59/2/2	211	26.68	32.74	29.49	26.68	2.81	1.14	4266.9	1.90	0.2344	0.901	18071	0.114	9508
	212	26.82	32.86	29.66	26.82	2.84	1.15	4220.1	1.93	0.2370	0.896	17895	0.114	9252
	213	26.29	32.00	28.96	26.29	2.67	1.16	4406.9	1.72			17629	0.114	10253
	214	26.34	32.17	29.08	26.34	2.74	1.15	4308.2	1.81			17643	0.114	9764
	215	26.46	32.33	29.23	26.46	2.77	1.15	4282.2	1.84			17682	0.114	9625
	216	26.58	32.60	29.40	26.58	2.82	1.15	4235.8	1.91			17862	0.114	9349
217	26.77	32.79	29.54	26.77	2.77	1.15	4292.1	1.88	0.2330	0.892	17956	0.114	9540	
218	27.16	31.01	29.11	27.16	1.95	1.83	6032.2	0.94	0.1658	0.618	16802	0.118	17903	

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59/2/2	219	27.26	31.13	29.23	27.26	1.97	1.82	5940.1	0.97	0.1683	0.619	16693	0.118	17131	
	220	27.36	31.39	29.35	27.36	1.99	1.83	5979.6	1.00	0.1672	0.617	17300	0.118	17223	
	221	27.48	31.47	29.49	27.48	2.01	1.83	5846.5	1.04	0.1710	0.617	16889	0.118	16217	
	222	27.60	31.73	29.64	27.60	2.04	1.84	5866.3	1.07			17374	0.118	16187	
	223	25.92	29.73	27.87	25.92	1.95	1.83	6007.8	0.93			16647	0.111	17968	
	224	25.85	29.68	27.77	25.85	1.92	1.82	6076.6	0.90			16805	0.111	18602	
	225	25.90	29.73	27.92	25.90	2.02	1.82	5781.4	1.01			16343	0.111	16252	
	227	25.92	29.85	27.94	25.92	2.02	1.82	5852.8	1.01			16775	0.111	16663	
	228	26.17	30.23	28.18	26.17	2.01	1.82	5936.5	1.01			17357	0.114	17121	
	229	26.29	30.36	28.35	26.29	2.06	1.83	5788.0	1.07			17098	0.114	15941	
	230	26.41	30.48	28.47	26.41	2.06	1.84	5796.5	1.07			17121	0.114	15936	
	231	26.48	30.60	28.52	26.48	2.04	1.84	5895.9	1.05			17436	0.114	16587	
	232	26.43	30.52	28.50	26.43	2.07	1.84	5814.9	1.07			17231	0.114	16041	
	233	23.92	27.95	26.01	23.92	2.09	1.80	5705.4	1.06			16889	0.108	15973	
	234	24.09	28.17	26.09	24.09	2.00	1.80	6040.7	0.96			17620	0.108	18364	
	235	24.26	28.37	26.16	24.26	1.90	1.82	6302.0	0.87			18038	0.108	20686	
	237	24.43	28.49	26.50	24.43	2.07	1.83	5771.0	1.06			17038	0.108	16131	
	238	24.43	28.37	26.40	24.43	2.02	1.84	5865.3	1.01			16964	0.108	16863	
	239	24.33	28.32	26.36	24.33	2.03	1.83	5838.5	1.01			16887	0.108	16699	
	240	24.29	28.20	26.33	24.29	2.04	1.82	5739.7	1.03			16521	0.108	16106	
	241	24.19	28.07	26.09	24.19	1.90	1.83	6150.6	0.88			17073	0.108	19429	
	242	24.11	27.98	26.14	24.11	2.03	1.83	5776.0	1.00			16426	0.108	16357	
	243	21.66	25.46	23.66	21.66	2.00	1.84	5811.5	0.95	0.1721	0.614	16316	0.101	17102	
	244	21.78	25.58	23.78	21.78	2.00	1.83	5763.8	0.97	0.1735	0.617	16180	0.101	16741	
	246	22.05	26.00	24.10	22.05	2.05	1.83	5704.1	1.03	0.1753	0.616	16524	0.101	16065	
	59/2/2	247	22.13	26.02	24.18	22.13	2.05	1.83	5667.6	1.03	0.1764	0.616	16304	0.101	15812
		249	22.18	26.00	24.20	22.18	2.02	1.84	5665.3	1.01	0.1765	0.615	16039	0.101	15814
		250	23.10	25.93	24.08	22.10	1.98	1.82	5778.9	0.96	0.1730	0.620	16184	0.101	16774
		251	22.05	25.83	24.08	22.05	2.03	1.84	5647.8	1.01	0.1771	0.614	15879	0.101	15735
		252	21.98	25.73	23.93	21.98	1.95	1.82	5811.6	0.93	0.1721	0.621	16015	0.101	17164
253		19.49	23.23	21.39	19.49	1.90	1.80	5555.3	0.92			15596	0.0935	16914	
254		18.89	22.78	21.00	18.89	2.11	1.84	5418.1	1.09	0.1846	0.614	15757	0.0905	14494	
255		18.52	22.24	20.58	18.52	2.06	1.82	5457.5	1.02	0.1832	0.620	15321	0.0905	15088	

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59/2/2	256	18.45	22.12	20.48	18.45	2.03	1.81	5505.4	0.98	0.1816	0.622	15260	0.0905	15553
	257	18.40	22.04	20.38	18.40	1.98	1.83	5649.9	0.93	0.1770	0.618	15431	0.0905	16612
	258	18.30	21.92	20.33	18.30	2.03	1.81	5478.5	0.98	0.1825	0.622	15075	0.0905	15407
	259	18.25	21.79	20.21	18.25	1.96	1.82	5662.2	0.90	0.1766	0.619	15149	0.0905	16878
	260	16.48	20.21	18.54	16.48	2.06	1.83	5266.1	1.06			14813	0.0866	13922
	261	16.41	20.11	18.42	16.41	2.01	1.82	5382.7	1.01			14921	0.0866	14796
	262	16.33	20.06	18.37	16.33	2.04	1.84	5380.0	1.02			15053	0.0866	14700
	263	16.26	19.96	18.34	16.26	2.08	1.82	5190.3	1.08			14628	0.0866	13521
	264	12.88	16.45	14.93	12.88	2.05	1.82	4850.7	1.12			13259	0.0798	11855
	265	13.03	16.82	15.15	13.03	2.12	1.82	4816.5	1.20			13837	0.0798	11521
	266	11.75	14.84	13.65	11.75	1.90	1.83	4332.0	1.14			10589	0.0778	9318
	267	12.23	15.32	14.12	12.23	1.89	1.83	4350.1	1.14			10629	0.0778	9357
	268	12.03	15.10	13.90	12.03	1.87	1.84	4450.3	1.10			10762	0.0768	9824
59/2/20	5	15.31	20.93	18.15	15.31	2.84	1.01	3336.1	2.04			13577	0.0807	6659
	6	14.89	20.75	17.72	14.89	2.83	1.01	3496.0	1.99			14582	0.0807	7320
	7	14.94	20.75	17.80	14.94	2.86	0.98	3405.9	2.01			14193	0.0807	7064
	8	14.94	20.71	17.82	14.94	2.88	1.01	3425.4	2.02			14260	0.0807	7046
	9	14.96	20.68	17.70	14.96	2.74	0.99	3545.5	1.89			14349	0.0807	7597
	10	15.01	20.63	17.77	15.01	2.76	1.00	3502.9	1.91			14094	0.0807	7394
	11	14.91	20.75	17.75	14.91	2.84	0.99	3481.8	1.98			14488	0.0807	7318
	12	14.89	20.75	17.80	14.89	2.91	1.00	3414.1	2.05			14405	0.0807	7031
	13	14.96	20.73	17.82	14.96	2.86	1.00	3429.3	2.00			14222	0.0807	7106
	14	15.01	20.78	17.82	15.01	2.81	1.00	3493.5	1.96			14375	0.0807	7343
	15	15.06	20.68	17.80	15.06	2.74	1.00	3524.2	1.88			14122	0.0807	7509
	16	22.86	29.24	25.84	22.86	2.98	1.01	3957.2	2.00			17669	0.104	8842
	17	22.96	29.39	25.87	22.96	2.91	1.00	4016.9	1.94			17815	0.104	9175
	18	23.11	29.31	25.99	23.11	2.88	1.01	4006.0	1.90			17355	0.104	9130
	19	23.13	29.31	26.09	23.13	2.96	0.99	3886.1	1.97			16983	0.104	8625
	20	23.21	29.39	26.09	23.21	2.88	1.00	3970.1	1.91			17158	0.104	8978
	21	24.07	29.58	27.19	24.07	3.12	1.47	4171.4	2.07			17539	0.106	8455
	22	24.09	29.70	27.21	24.09	3.12	1.47	4200.4	2.09			17830	0.106	8548
	23	24.19	29.65	27.26	24.19	3.07	1.47	4225.5	2.03			17552	0.106	8653
59/2/21	24	13.03	17.72	15.88	13.03	2.85	1.44	3527.9	1.95			13013	0.0778	6657

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年/月/日	Run No.	T_{VO} (°C)	T_{HWI} (°C)	T_{HWO} (°C)	T_{vm} (°C)	$T_{HWO}-T_{VO}$ (°C)	V_{HW} (m/s)	U_E (W/(m ² K))	ΔT_{sat} (°C)	$1/U_E \times 10^{-3}$ (m ² K/W)	$V_{HW}^{-0.8}$ (m/s) ^{-0.8}	q (W/m ²)	$P_V \times 10^7$ (Pa)	h_B (W/(m ² K))
59/2/21	25	13.06	17.77	15.95	13.06	2.89	1.45	3463.5	2.01			12915	0.0778	6420
	26	13.13	17.87	16.00	13.13	2.87	1.46	3505.5	1.99			13055	0.0778	6547
	27	13.11	17.92	16.08	13.11	2.97	1.45	3395.3	2.10			12956	0.0778	6183
	28	13.18	18.05	16.15	13.18	2.97	1.44	3390.4	2.11			13008	0.0778	6172
	29	22.25	29.12	25.18	22.25	2.93	0.79	3615.3	2.02			16724	0.0994	8297
	30	21.73	28.80	24.72	21.73	2.99	0.80	3416.5	2.25	0.2927	1.20	16187	0.0994	7191
	31	21.63	28.59	24.57	21.63	2.94	0.80	3447.8	2.18	0.2900	1.20	16062	0.0994	7356
	32	21.66	28.54	24.59	21.66	2.93	0.80	3425.9	2.17	0.2919	1.20	15864	0.0994	7300
	33	16.51	23.03	19.29	16.51	2.78	0.79	3229.0	2.09			14174	0.0994	6772
	34	16.53	23.05	19.31	16.53	2.78	0.77	3182.3	2.10			13969	0.0994	6666
	35	16.56	23.08	19.31	16.56	2.75	0.79	3240.2	2.08			14168	0.0994	6811

(R.22)

年/月/日	Run No.	$f_p X \times 10^6$ (-)	$Y_{\text{ex}} \times 10^5$ (-)	$YH^{-0.884}$ $(\rho_c/\rho_v)^{-0.448}$ $\times 10^2$ (-)	U_{ca1} (W/(m ² K))	Y_{ca1} $\times 10^5$ (-)
56/9/29	47	0.45486	0.6465	0.3274	6814.0	0.7780
	48	0.44198	0.58359	0.3170	6732.0	0.7063
	49	0.47133	0.72037	0.3479	6634.0	0.8429
	50	0.45157	0.68269	0.3383	6964.0	0.7899
	64	0.44339	0.60158	0.3213	6584.0	0.7205
	65	0.43933	0.59123	0.3180	6583.0	0.7096
56/10/12	73	0.50726	0.56060	0.3468	7170.0	0.7040
	74	0.48735	0.51354	0.3311	7121.0	0.6510
	75	0.49454	0.52749	0.3391	7086.0	0.6618
	76	0.48509	0.76633	0.3540	6489.0	0.9049
	77	0.49215	0.90680	0.3685	6488.0	1.042
	78	0.49205	0.87052	0.3672	6489.0	1.004
56/1/29	82	0.41536	0.51335	0.3268	6278.0	0.5694
	83	0.36870	0.52741	0.2960	6233.0	0.5788
	85	0.42911	0.77149	0.3563	6284.0	0.8082
	86	0.41776	0.84564	0.3461	5288.0	0.8902
	87	0.35629	0.52696	0.2912	5287.0	0.5696
	88	0.35421	0.48204	0.2856	5235.0	0.5284
56/1/29	89	0.35175	0.49179	0.2849	5243.0	0.5370
	166	0.13357	0.15223	0.1191	2566.0	0.1633
	169	0.11598	0.12902	0.1058	2413.0	0.1369
	172	0.12701	0.16841	0.1202	2386.0	0.1709
	174	0.12391	0.14742	0.1156	2362.0	0.1521
	176	0.10710	0.12475	0.09879	2557.0	0.1317
59/1/26	183	0.11878	0.14689	0.1092	2494.0	0.1543
	1	0.66571	0.72133	0.53774	5043.0	0.72738
	2	0.67584	0.72035	0.54431	4998.0	0.72306
	3	0.67080	0.71490	0.54022	5030.0	0.72033
	5	0.67620	0.77920	0.55196	5042.0	0.77150
	6	0.65729	0.71429	0.53143	5052.0	0.72421
	7	0.66410	0.70856	0.53543	4985.0	0.71672
	8	0.69250	0.76611	0.56175	4905.0	0.75425
	9	0.69889	0.71552	0.55949	4851.0	0.71055

(R22)

年/月/日	Run No.	$f_p \times 10^3$ (-)	Y_{exp} $\times 10^3$ (-)	$YH^{-0.834}$ $(\rho_c/\rho_v)^{-0.446}$ $\times 10^2$ (-)	U_{cal} (W/(m ² K))	Y_{cal} $\times 10^3$ (-)
59/1/26	10	0.70422	0.68180	0.55841	4794.0	0.68095
59/1/27	11	0.78784	0.92005	0.61530	5053.0	0.88207
	13	0.76456	0.79279	0.58516	5061.0	0.78731
	14	0.75486	0.80281	0.58029	5132.0	0.79885
	15	0.76250	0.89468	0.59594	5156.0	0.87127
	16	0.71096	0.90133	0.56333	5341.0	0.89660
	17	0.72377	0.88947	0.57055	5258.0	0.88145
	18	0.75724	0.91790	0.59543	5151.0	0.89154
	19	0.76886	0.87649	0.59829	5089.0	0.85374
	20	0.79508	0.86746	0.61395	4989.0	0.83731
	21	0.80627	0.82741	0.61606	4940.0	0.80148
	22	0.79010	0.81615	0.60430	5005.0	0.79785
	23	0.78177	0.84241	0.60218	5049.0	0.82205
	24	0.75626	0.79457	0.58016	5134.0	0.79155
	25	0.75369	0.85974	0.58630	5182.0	0.84607
	26	0.72415	0.93113	0.57960	5267.0	0.90855
	27	0.71611	0.90421	0.57158	5276.0	0.88970
	28	0.73237	1.0533	0.59759	5269.0	1.0025
	29	0.72821	0.95307	0.58492	5233.0	0.92410
	30	0.74324	0.85774	0.58447	5107.0	0.84085
	31	0.74357	0.80407	0.57825	5080.0	0.79689
	32	0.77005	0.79205	0.59363	4955.0	0.77812
	33	0.75337	0.76443	0.57934	5038.0	0.76114
	34	0.73610	0.74523	0.56583	5086.0	0.75099
	35	0.73405	0.76726	0.56734	5119.0	0.77004
	37	0.72202	0.86260	0.57327	5191.0	0.84974
	39	0.71025	0.84727	0.56409	5222.0	0.84128
	40	0.70899	0.81955	0.56022	5179.0	0.81865
	41	0.73537	0.83728	0.57955	5076.0	0.82336
	42	0.75078	0.83985	0.58985	5002.0	0.81992
	43	0.75811	0.80630	0.59043	4941.0	0.79023
	44	0.73548	0.75981	0.56978	5020.0	0.76004
	45	0.72531	0.73607	0.56003	5089.0	0.74394

(R22)

年/月/日	Run No.	$f_p X \times 10^2$ (-)	$Y_{exp} \times 10^3$ (-)	$YH^{-0.834} (\rho_1/\rho_2)^{-0.448} \times 10^3$ (-)	U_{cni} (W/(m ² K))	$Y_{cni} \times 10^3$ (-)
59/1/27	46	0.80432	0.76168	0.55429	5700.0	0.81905
	47	0.79294	0.72233	0.54300	5686.0	0.78726
	48	0.80480	0.82137	0.56176	5726.0	0.87174
	49	0.79912	0.81672	0.55805	5723.0	0.86948
	50	0.79451	0.80236	0.55387	5717.0	0.85816
	52	0.80820	0.77525	0.55868	5621.0	0.82909
	53	0.82640	0.82300	0.57476	5592.0	0.86510
	54	0.82203	0.74133	0.56216	5551.0	0.79462
	56	0.82612	0.80270	0.57576	5597.0	0.84215
	57	0.82761	0.86820	0.58434	5617.0	0.89831
	58	0.80934	0.79076	0.56476	5635.0	0.83715
	60	0.80052	0.79505	0.56036	5648.	0.84366
	61	0.79908	0.85708	0.56668	5701.0	0.89856
	62	0.80684	0.92708	0.58307	5677.0	0.94919
	63	0.78562	0.86889	0.56422	5711.0	0.90715
	64	0.78844	0.92504	0.57198	5728.0	0.95437
	65	0.78278	0.97916	0.57412	5745.0	1.0028
	66	0.77185	0.85956	0.56108	5693.0	0.89450
	67	0.77736	0.83299	0.56130	5666.0	0.86959
	69	0.79371	0.79553	0.56029	5619.0	0.84069
	70	0.78943	0.75879	0.55329	5643.0	0.80981
	71	0.79790	0.79649	0.56280	5626.0	0.84016
	72	0.78423	0.77670	0.55446	5648.0	0.82444
	73	0.80877	0.92705	0.58611	5643.0	0.94535
	74	0.78139	0.76465	0.55159	5624.0	0.81440
	76	0.82155	0.77361	0.57427	5456.0	0.81148
	77	0.82224	0.74932	0.57144	5451.0	0.79024
	78	0.83772	0.76045	0.58168	5425.0	0.79523
	79	0.82520	0.73690	0.57343	5431.0	0.77583
	80	0.81509	0.76154	0.57074	5487.0	0.80061
	81	0.81102	0.74677	0.57069	5478.0	0.78318
	82	0.79868	0.78566	0.56836	5530.0	0.82101
	83	0.70507	0.77649	0.57353	4882.0	0.75553

(R.22)

年/月/日	Run No.	$f_p \cdot X \times 10^2$ (-)	$Y_{exp} \times 10^3$ (-)	$YH^{-0.834} (\rho_c/\rho_a)^{-0.448}$ $\times 10^2$ (-)	U_{cal} (W/(m ² K))	$Y_{cal} \times 10^3$ (-)
59/1/27	84	0.69492	0.74551	0.56262	4935.0	0.73411
	85	0.70609	0.84509	0.58222	4953.0	0.81060
	86	0.69939	0.78665	0.57084	4937.0	0.76592
	87	0.70117	0.81669	0.57577	4936.0	0.78939
	89	0.68927	0.82642	0.57135	4970.0	0.79809
	91	0.69847	0.94768	0.59141	4957.0	0.89004
	93	0.74213	0.88601	0.61036	4802.0	0.83109
	94	0.74046	0.94175	0.61562	4827.0	0.87486
	95	0.72354	0.91474	0.60090	4878.0	0.86059
	97	0.72915	0.83246	0.59502	4829.0	0.79396
	98	0.74246	0.79826	0.59450	4791.0	0.76893
	99	0.72804	0.80197	0.58496	4897.0	0.77744
	100	0.71822	0.76772	0.57410	4920.0	0.75317
	101	0.70793	0.75318	0.56548	4943.0	0.74480
	102	0.71240	0.83228	0.57811	4964.0	0.80758
	105	0.69549	0.82326	0.57079	4943.0	0.79940
	106	0.71847	0.79410	0.57824	4838.0	0.77362
	108	0.72083	0.74274	0.57306	4821.0	0.73132
	109	0.74229	0.80186	0.59461	4793.0	0.77218
	110	0.74727	0.76744	0.59098	4776.0	0.74604
	111	0.72166	0.71594	0.56742	4848.0	0.71236
	114	0.70555	0.78467	0.57323	4842.0	0.76415
	116	0.69406	0.86294	0.57952	4906.0	0.82447
	117	0.68270	0.86276	0.57169	4954.0	0.82872
	118	0.58411	0.50473	0.48664	4468.0	0.52682
	119	0.58346	0.50493	0.48609	4477.0	0.52732
	120	0.60638	0.46680	0.50512	4124.0	0.47826
	121	0.60195	0.50383	0.50809	4249.0	0.51131
	122	0.55505	0.46677	0.47359	4318.0	0.48801
	123	0.58283	0.46630	0.49309	4185.0	0.47980
	124	0.44504	0.45696	0.43300	4106.0	0.46789
	125	0.44948	0.45147	0.43577	4055.0	0.46162
	126	0.47481	0.44138	0.45412	3920.0	0.44510

(R.22)

年/月/日	Run No.	$f_p X \times 10^2$ (-)	$Y_{\text{cst}} \times 10^5$ (-)	$YH^{-0.834} / (\rho_w / \rho_s)^{-0.448} \times 10^2$ (-)	$U_{\text{cst}} / (W / (m^2 K))$	$Y_{\text{cst}} \times 10^5$ (-)
59/1/27	127	0.46034	0.40947	0.43230	4020.0	0.42712
	128	0.45004	0.50894	0.44707	4185.0	0.50755
	129	0.45734	0.50371	0.45238	4131.0	0.50046
	130	0.48400	0.45149	0.45358	4028.0	0.46024
	131	0.47624	0.42792	0.44327	4040.0	0.44276
	132	0.44241	0.41013	0.41784	3863.0	0.43390
	133	0.43298	0.39477	0.40774	3899.0	0.42341
	134	0.41643	0.40574	0.41537	3862.0	0.41893
	135	0.40969	0.38655	0.40628	3904.0	0.40473
	136	0.40871	0.40238	0.40839	3915.0	0.41863
	137	0.50391	0.29605	0.43013	3420.0	0.32472
	138	0.52702	0.30294	0.44789	3359.0	0.32633
	139	0.51980	0.30192	0.44244	3405.0	0.32698
140	0.66446	0.39552	0.51739	3681.0	0.41413	
141	0.66194	0.38285	0.51287	3674.0	0.40363	
59/2/1	201	0.60456	0.42960	0.50415	3859.0	0.44034
	202	0.61072	0.42541	0.50734	3847.0	0.43551
	203	0.76452	0.42609	0.54787	4109.0	0.47776
	204	0.77025	0.42760	0.55155	4098.0	0.45219
	205	0.76055	0.42011	0.54410	4131.0	0.44752
	206	0.74668	0.43891	0.54001	4194.0	0.46676
	207	0.73993	0.44400	0.53708	4222.0	0.47260
	208	0.81334	0.42909	0.54462	4443.0	0.47223
	209	0.80980	0.43818	0.54456	4476.0	0.48125
	210	0.78785	0.43828	0.53454	4514.0	0.48367
	211	0.92566	0.51423	0.59863	4624.0	0.54926
212	0.91697	0.50091	0.59120	4649.0	0.53921	
213	0.90171	0.55277	0.59328	4727.0	0.58800	
214	0.90291	0.52674	0.58908	4683.0	0.56469	
215	0.90518	0.51969	0.58886	4677.0	0.55803	
216	0.91491	0.50534	0.59120	4630.0	0.54336	
217	0.91979	0.51624	0.59578	4651.0	0.55228	
218	0.88168	0.96831	0.62350	5798.0	0.96915	

59.1.3.6

59/2/2

(R22)

年/月/日	Run No.	$f_p \cdot X \times 10^2$ (-)	$Y_{\text{exp}} \times 10^3$ (-)	$YH^{-0.834} (\rho_L/\rho_V)^{-0.448} \times 10^2$ (-)	U_{cal} (W/(m ² K))	$Y_{\text{cal}} \times 10^3$ (-)
59/2/2	219	0.87622	0.92727	0.61571	5793.0	0.93690
	220	0.90835	0.93294	0.63500	5685.0	0.93061
	221	0.88710	0.87923	0.61634	5735.0	0.89296
	222	0.91292	0.87838	0.63102	5649.0	0.88393
	223	0.82895	0.96401	0.61880	5669.0	0.94266
	224	0.83664	0.99749	0.62722	5642.0	0.96675
	225	0.81416	0.87205	0.59947	5649.0	0.87234
	227	0.83570	0.89421	0.61520	5582.0	0.88309
	228	0.88015	0.92027	0.63585	5512.0	0.90240
	229	0.86745	0.85765	0.62071	5528.0	0.85527
	230	0.86868	0.85807	0.62138	5543.0	0.85538
	231	0.88460	0.89351	0.63507	5519.0	0.87945
	232	0.87429	0.86386	0.62540	5529.0	0.85838
	233	0.81062	0.84650	0.61452	5253.0	0.82424
	234	0.84528	0.97398	0.65127	5240.0	0.91381
	235	0.86494	1.0980	0.67713	5247.0	1.0023
	237	0.81796	0.85765	0.62000	5301.0	0.83147
	238	0.81784	0.89615	0.62219	5344.0	0.86567
	239	0.81416	0.88718	0.61886	5338.0	0.85967
	240	0.79656	0.85545	0.60405	5383.0	0.84001
	241	0.82242	1.0308	0.64011	5386.0	0.97061
	242	0.79184	0.86778	0.60268	5394.0	0.85153
	243	0.73639	0.89355	0.60439	5121.0	0.84317
244	0.73027	0.87539	0.59802	5138.0	0.83136	
246	0.74604	0.84157	0.60449	5072.0	0.79918	
247	0.73610	0.82873	0.59616	5115.0	0.79263	
249	0.72408	0.82901	0.58804	5172.0	0.79728	
250	0.73043	0.87881	0.59821	5163.0	0.83443	
251	0.71683	0.82426	0.58268	5190.0	0.79598	
252	0.72267	0.89850	0.59524	5199.0	0.85282	
253	0.65315	0.87233	0.58227	4888.0	0.80468	
254	0.63999	0.74520	0.57319	4709.0	0.69123	
255	0.62227	0.77399	0.56386	4778.0	0.71963	
59/2/2						

(R22)

年/月/日	Run No.	$f_r X \times 10^2$ (-)	$Y_{\text{exp}} \times 10^3$ (-)	$YH - \frac{0.884}{(\rho_L/\rho_V)^{0.448}} \times 10^2$ (-)	U_{cat} (W/(m ² K))	$Y_{\text{cat}} \times 10^3$ (-)
59/2/2	256	0.61973	0.79745	0.56483	4803.0	0.73866
	257	0.62653	0.85135	0.57631	4813.0	0.77712
	258	0.61231	0.78929	0.55837	4818.0	0.73512
	259	0.61507	0.86417	0.56908	4864.0	0.79149
	260	0.57390	0.70608	0.54299	4513.0	0.65470
	261	0.57801	0.74996	0.55184	4521.0	0.68668
59/2/20	262	0.58321	0.74483	0.55540	4494.0	0.68065
	263	0.56700	0.68488	0.53501	4501.0	0.64062
	264	0.47594	0.58968	0.48634	4171.0	0.55592
	265	0.49669	0.57364	0.50147	4048.0	0.53579
	266	0.36965	0.46074	0.38867	4361.0	0.47900
	267	0.37296	0.46382	0.38962	4424.0	0.48317
59/2/20	268	0.37534	0.48644	0.39705	4417.0	0.49884
	5	0.50254	0.33646	0.44934	3541.0	0.35277
	6	0.54003	0.36890	0.48486	3407.0	0.37159
	7	0.52561	0.35613	0.47123	3436.0	0.36415
	8	0.52816	0.35525	0.47293	3446.0	0.36281
	9	0.53104	0.38292	0.48110	3470.0	0.38548
	10	0.52159	0.37280	0.47179	3508.0	0.37926
	11	0.53972	0.36886	0.48220	3421.0	0.37348
	12	0.53682	0.35438	0.47684	3409.0	0.36189
	13	0.52980	0.35829	0.47245	3452.0	0.36686
	14	0.53535	0.37029	0.47918	3456.0	0.37576
59/2/21	15	0.52566	0.37867	0.47371	3516.0	0.38520
	16	0.82943	0.46692	0.58075	4104.0	0.48663
	17	0.83603	0.48468	0.58819	4103.0	0.50072
	18	0.81426	0.48268	0.57490	4199.0	0.50352
	19	0.79715	0.45616	0.55945	4216.0	0.48383
	20	0.80511	0.47497	0.56789	4223.0	0.49877
	21	0.84336	0.44995	0.57287	4488.0	0.47938
	22	0.85739	0.45499	0.58185	4447.0	0.48121
	23	0.84377	0.46078	0.57530	4524.0	0.48897
	24	0.46628	0.33210	0.43605	3606.0	0.34564

(R22)

年/月/日	Run No.	$f_p \times 10^2$ (-)	$Y_{\text{exp}} \times 10^3$ (-)	$YH^{-0.834} (\rho_a/\rho_v)^{-0.448} \times 10^2$ (-)	U_{ca1} (W/(m ² K))	$Y_{\text{ca1}} \times 10^3$ (-)
59/2/21	25	0.46287	0.32040	0.43076	3596.0	0.33631
	26	0.46776	0.32685	0.43595	3594.0	0.34080
	27	0.46446	0.30872	0.42926	3558.0	0.32575
	28	0.46629	0.30827	0.43050	3546.0	0.32497
	29	0.75930	0.43647	0.54912	3963.0	0.46031
	30	0.73589	0.37738	0.52246	3832.0	0.41181
	31	0.72997	0.38573	0.52098	3859.0	0.42041
	32	0.72091	0.38283	0.51492	3888.0	0.41953
	33	0.64641	0.34448	0.46601	3432.0	0.39499
	34	0.62773	0.33917	0.45915	3443.0	0.38897
	35	0.63659	0.34655	0.46620	3438.0	0.39418

(NH₃)

年/月/日	Run No.	T _{vo} (°C)	T _{hwi} (°C)	T _{hwo} (°C)	T _{vm} (°C)	T _{hwo} -T _{vo} (°C)	V _{hw} (m/s)	U _E (W/(m ² K))	ΔT _{sat} (°C)	1/U _E × 10 ⁻³ (/(m ² K)/W)	V _{hw} ^{-0.8} (m/s) ^{-0.8}	q (W/m ²)	P _v × 10 ⁶ (Pa)	h _{lg} (W/(m ² K))
57/3/13	1	18.30	22.68	20.18	18.30	1.88	0.91	3751.4	1.28	11089		11089	0.856	8670
	2	18.02	22.49	19.96	18.02	1.94	0.91	3676.1	1.34	11142		11142	0.768	8346
	3	17.80	22.31	19.74	17.80	1.94	0.90	3686.9	1.33	11238		11238	0.758	8456
	4	17.28	21.55	19.09	17.28	1.81	0.92	3835.7	1.19	10994		10994	0.739	9201
	5	17.03	21.20	18.82	17.03	1.79	0.92	3779.8	1.19	10637		10637	0.739	8937
57/3/15	6	16.51	20.56	18.17	16.51	1.66	0.91	3930.7	1.06	10533		10533	0.729	9935
	7	20.28	23.60	22.16	20.28	1.88	1.68	4646.1	1.13	11764		11764	0.856	10414
	9								0.94	10741		10741		11482
	13	15.11	17.67	16.58	15.11	1.47	1.66	4489.1	0.86	8820		8820	0.729	10211
	14	15.09	17.70	16.55	15.09	1.46	1.66	4682.4	0.82	9269		9269	0.729	11261
	17	15.06	17.70	16.58	15.06	1.52	1.67	4502.4	0.89	9134		9134	0.719	10242
	18	15.04	17.72	16.58	15.04	1.54	1.66	4483.3	0.91	9225		9225	0.719	10182
	19	15.09	17.67	16.58	15.09	1.49	1.65	4407.8	0.89	8751		8751	0.729	9843
	20	15.11	17.72	16.63	15.11	1.52	1.67	4409.1	0.91	8889		8889	0.729	9779
	21	15.13	17.72	16.65	15.13	1.52	1.67	4329.5	0.92	8692		8692	0.729	9419
	22	15.33	18.06	16.92	15.33	1.59	1.67	4361.1	0.96	9179		9179	0.729	9540
	23	15.33	18.05	16.90	15.33	1.57	1.67	4463.9	0.93	9341		9341	0.729	10035
	24	15.36	18.02	16.90	15.36	1.54	1.64	4370.1	0.93	8955		8955	0.729	9649
	25	15.18	18.09	16.75	15.18	1.57	1.66	4973.3	0.83	10800		10800	0.729	12999
	26	15.18	18.09	16.75	15.18	1.57	1.69	5090.8	0.81	11055		11055	0.729	13621
	27	15.11	17.82	16.70	15.11	1.59	1.68	4365.4	0.96	9169		9169	0.729	9549
	28	14.99	17.62	16.50	14.99	1.51	1.67	4507.8	0.88	9099		9099	0.719	10295
	29	14.99	17.62	16.50	14.99	1.51	1.68	4543.1	1.51	9170		9170	0.719	10439
	30	14.96	17.62	16.50	14.96	1.54	1.68	4474.9	1.54	9170		9170	0.719	10094
	31	14.84	17.47	16.38	14.84	1.54	1.65	4297.3	1.54	8752		8752	0.719	9338
	32	14.79	17.47	16.33	14.79	1.54	1.64	4431.0	1.54	9117		9117	0.719	9996
	33	14.81	17.45	16.33	14.81	1.52	1.66	4467.8	1.52	9064		9064	0.719	10128
	34	14.76	17.37	16.28	14.76	1.52	1.66	4375.5	1.52	8822		8822	0.719	9682
	35	14.74	17.40	16.28	14.74	1.54	1.66	4405.9	1.54	9029		9029	0.719	9844
	36	14.71	17.40	16.25	14.71	1.54	1.67	4549.4	1.54	9380		9380	0.719	10515

2013.12.15

海洋温度差発電用プレート式蒸発器の性能試験

(NH₃)

年/月/日	Run No.	$f_p X \times 10^3$ (-)	$Y_{\text{exp}} \times 10^2$ (-)	$YH^{-0.834} / (\rho_L / \rho_V)^{-0.448} \times 10^3$ (-)	U_{cal} (W/(m ² K))	$Y_{\text{cal}} \times 10^2$ (-)
57/3/13	1	1.0754	0.76785	0.7324	3462.0	0.7626
	2	0.96223	0.73869	0.7325	3385.0	0.6938
	3	0.95408	0.74806	0.7407	3340.0	0.6919
	4	0.91953	0.81286	0.7408	3374.0	0.7380
	5	0.89182	0.78912	0.7188	3388.0	0.7272
57/3/15	6	0.87557	0.87609	0.7288	3380.0	0.7890
	7	1.1076	0.92637	0.7798	4233.0	0.8769
	9	1.0029	1.0187	4344.0	0.9658	
	13	0.74287	0.89748	0.6392	4057.0	0.8488
	14	0.77558	0.98970	0.6773	4010.0	0.9027
	17	0.75951	0.90010	0.6588	3978.0	0.8352
	18	0.76723	0.89468	0.6637	3942.0	0.8282
	19	0.73234	0.86516	0.6313	4037.0	0.8225
	20	0.74379	0.85955	0.6388	4012.0	0.8139
	21	0.73205	0.82792	0.6230	4033.0	0.7975
	22	0.77156	0.83904	0.6522	3952.0	0.7926
	23	0.78516	0.88252	0.6673	3952.0	0.8219
	24	0.75251	0.84859	0.6399	4009.0	0.8068
	25	0.90887	1.1427	0.7872	3781.0	0.9706
	26	0.93030	1.1973	0.8089	3778.0	1.001
	27	0.77244	0.83937	0.6530	3927.0	0.7923
28	0.75708	0.90466	0.6576	3977.0	0.8395	
29	0.76299	0.91729	0.6635	3976.0	0.8471	
30	0.76327	0.88697	0.6600	3946.0	0.8235	
31	0.72937	0.82031	0.6273	3956.0	0.7833	
32	0.75504	0.87807	0.6568	3906.0	0.8148	
33	0.75045	0.88964	0.6548	3942.0	0.8255	
34	0.73076	0.85037	0.6357	3960.0	0.8020	
35	0.74808	0.86459	0.6501	3915.0	0.8068	
36	0.77738	0.92346	0.6787	3884.0	0.8415	