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Lampiran 1. Data Harian Radiosonde Bandara Sultan Hasanuddin

Tanggal	Th (K)	Tc (K)	Kelembaban relatif (%)	Curah Hujan (mm)	Cv (J/kg K)	Cp (J/kg K)
01/12/2017	300.15	273	80	33.8	717	1178
02/12/2017	300.9	273	80	9	717	1178
03/12/2017	301.9	273	74	0.8	717	1178
04/12/2017	301.9	273	79	0	717	1178
05/12/2017	300.9	273	80	0	717	1178
06/12/2017	300.4	273	78	0	717	1178
07/12/2017	300.1	273	81	10.5	717	1178
08/12/2017	299.9	273	86	21	717	1178
09/12/2017	300.2	273	84	14.2	717	1178
10/12/2017	300.6	273	84	0	717	1178
11/12/2017	300.4	273	83	15.5	717	1178
12/12/2017	301.3	273	81	1.2	717	1178
13/12/2017	300.8	273	85	16.6	717	1178
14/12/2017	300.6	273	83	0	717	1178
15/12/2017	300.2	273	85	6.2	717	1178
16/12/2017	299.9	273	84	5	717	1178
17/12/2017	298.8	273	93	6.4	717	1178
18/12/2017	299.5	273	88	33.1	717	1178
19/12/2017	297.3	273	94	76.3	717	1178
20/12/2017	297.5	273	95	112.3	717	1178
21/12/2017	297.3	273	96	97.9	717	1178
22/12/2017	299.7	273	91	162.5	717	1178
23/12/2017	299.4	273	88	25.9	717	1178
24/12/2017	299.7	273	86	3.6	717	1178
25/12/2017	300.9	273	81	22.4	717	1178
26/12/2017	301.1	273	80	0	717	1178
27/12/2017	299.9	273	87	0.6	717	1178
28/12/2017	298	273	91	5	717	1178
29/12/2017	300.7	273	78	8.8	717	1178
30/12/2017	300.5	273	80	0	717	1178
31/12/2017	300.2	273	83	17.2	717	1178
01/01/2017	299.5	273	93	23.8	717	1178
02/01/2017	299.35	273	95.5	3.8	717	1178
03/01/2017	299.2	273	98	0.2	717	1178
04/01/2017	297.8	273	100	32.5	717	1178
05/01/2017	298.5	273	96	57.7	717	1178
06/01/2017	299.2	273	94	11.3	717	1178
07/01/2017	299.45	273	94	6.4	717	1178
08/01/2017	299.7	273	94	14.7	717	1178
09/01/2017	300.4	273	90	8.3	717	1178
10/01/2017	301.1	273	78	0	717	1178
11/01/2017	300.8	273	85	0	717	1178
12/01/2017	298.2	273	98	11.4	717	1178
	299.5	273	93	10.2	717	1178
	299.5	273	91	10	717	1178
	299.5	273	89	12	717	1178
	300.2	273	85	10	717	1178
	298.9	273	92	0	717	1178



18/01/2017	300.2	273	84	8.6	717	1178
19/01/2017	300.8	273	79	0	717	1178
20/01/2017	300.9	273	82	0	717	1178
21/01/2017	300.8	273	86	1.2	717	1178
22/01/2017	300.05	273	89	0.6	717	1178
23/01/2017	299.3	273	92	24.8	717	1178
24/01/2017	300.5	273	87	14.8	717	1178
25/01/2017	298.7	273	95	9.8	717	1178
26/01/2017	297.7	273	97	96.7	717	1178
27/01/2017	300.8	273	85	48.9	717	1178
28/01/2017	300.4	273	89	0	717	1178
29/01/2017	298.85	273	94.5	10.2	717	1178
30/01/2017	297.3	273	100	73.5	717	1178
31/01/2017	297.3	273	100	46.4	717	1178
01/02/2017	299.5	273	90	43.4	717	1178
02/02/2017	298.1	273	97	77.2	717	1178
03/02/2017	300.3	273	89	68.9	717	1178
04/02/2017	300.4	273	179	39.9	717	1178
05/02/2017	300.5	273	90	23.1	717	1178
06/02/2017	302.1	273	82	30	717	1178
07/02/2017	300.1	273	91	36.9	717	1178
08/02/2017	301.2	273	87	0	717	1178
09/02/2017	300.1	273	86	4.6	717	1178
10/02/2017	300.4	273	86	0	717	1178
11/02/2017	300.7	273	86	8.5	717	1178
12/02/2017	300.2	273	89.5	3	717	1178
13/02/2017	299.7	273	93	0.4	717	1178
14/02/2017	299.2	273	93	1.6	717	1178
15/02/2017	298.7	273	95	6.8	717	1178
16/02/2017	298.2	273	97	11.6	717	1178
17/02/2017	299	273	90	84.6	717	1178
18/02/2017	300	273	86	6.6	717	1178
19/02/2017	299.8	273	89	0	717	1178
20/02/2017	299.6	273	92	13.2	717	1178
21/02/2017	299.9	273	90	2.4	717	1178
22/02/2017	299.9	273	87	3.6	717	1178
23/02/2017	299.6	273	92	0.2	717	1178
24/02/2017	299.9	273	93	5.6	717	1178
25/02/2017	299.4	273	93	40.8	717	1178
26/02/2017	299.6	273	90.5	40	717	1178
27/02/2017	299.8	273	88	1	717	1178
28/02/2017	300.6	273	76	0	717	1178
01/03/2017	300.1	273	86	0	717	1178
02/03/2017	299.1	273	93	0.6	717	1178
03/03/2017	298.2	273	97	12.6	717	1178
04/03/2017	300.1	273	88	6	717	1178
	299.8	273	92	4.4	717	1178
	298.4	273	100	0.6	717	1178
	297.8	273	100	21	717	1178
	297.6	273	99	31.5	717	1178
	298.6	273	88	36	717	1178



10/03/2017	300.1	273	86	1.4	717	1178
11/03/2017	300.5	273	85	0	717	1178
12/03/2017	300.4	273	88	0	717	1178
13/03/2017	298.9	273	92	0	717	1178
14/03/2017	298.5	273	95	24.4	717	1178
15/03/2017	300.3	273	86	2	717	1178
16/03/2017	301.3	273	85	0	717	1178
17/03/2017	301	273	87	0	717	1178
18/03/2017	301.3	273	78	0	717	1178
19/03/2017	298.7	273	98	22.3	717	1178
20/03/2017	300.9	273	88	17.8	717	1178
21/03/2017	299.8	273	88	28	717	1178
22/03/2017	300.4	273	84	16.4	717	1178
23/03/2017	301.2	273	82	0	717	1178
24/03/2017	301.8	273	80	0	717	1178
25/03/2017	300.1	273	92	0	717	1178
26/03/2017	298.4	273	98	45.8	717	1178
27/03/2017	299.9	273	89	9.6	717	1178
28/03/2017	300.9	273	84	6.3	717	1178
29/03/2017	299.9	273	91	3	717	1178
30/03/2017	300.5	273	88	0.6	717	1178
31/03/2017	299.9	273	93	0.4	717	1178
01/04/2017	299.1	273	94	52.4	717	1178
02/04/2017	296.4	273	92	4.4	717	1178
03/04/2017	296.3	273	93	42.9	717	1178
04/04/2017	298.9	273	85	99.5	717	1178
05/04/2017	299.2	273	86	0	717	1178
06/04/2017	299.7	273	81	0.2	717	1178
07/04/2017	299.4	273	82	0	717	1178
08/04/2017	301	273	79	1.8	717	1178
09/04/2017	300.3	273	81	0	717	1178
10/04/2017	299.6	273	83	0.4	717	1178
11/04/2017	300.4	273	77	0	717	1178
12/04/2017	300.5	273	76	0	717	1178
13/04/2017	299.7	273	83	3.6	717	1178
14/04/2017	300.1	273	78	3.4	717	1178
15/04/2017	300.1	273	78	0	717	1178
16/04/2017	300.1	273	78	0	717	1178
17/04/2017	300.1	273	78	0	717	1178
18/04/2017	300.2	273	79	0.2	717	1178
19/04/2017	299.9	273	79	0.2	717	1178
20/04/2017	299.6	273	79	0	717	1178
21/04/2017	299	273	79	3.8	717	1178
22/04/2017	299	273	79	6	717	1178
23/04/2017	299	273	79	0.2	717	1178
24/04/2017	299	273	79	0.4	717	1178
	299.5	273	73	5.2	717	1178
	299.8	273	71	0	717	1178
	300.1	273	79	0	717	1178
	300.5	273	79	0	717	1178
	301.1	273	73	0	717	1178



30/04/2017	300.5	273	80	0	717	1178
01/05/2017	300.9	273	79	0	717	1178
02/05/2017	300.6	273	77	0	717	1178
03/05/2017	300.3	273	81	0	717	1178
04/05/2017	300.4	273	77	0	717	1178
05/05/2017	299.6	273	80	1.6	717	1178
06/05/2017	300.1	273	76	18.7	717	1178
07/05/2017	300	273	76	3	717	1178
08/05/2017	299.3	273	80	6.2	717	1178
09/05/2017	299.9	273	75	2.8	717	1178
10/05/2017	300.5	273	74	0	717	1178
11/05/2017	300.9	273	74	0	717	1178
12/05/2017	300	273	76	0	717	1178
13/05/2017	300	273	75	0	717	1178
14/05/2017	299.9	273	81	0	717	1178
15/05/2017	300.2	273	80	0	717	1178
16/05/2017	300.9	273	74	0	717	1178
17/05/2017	300.1	273	76	0	717	1178
18/05/2017	299.8	273	81	5.6	717	1178
19/05/2017	300.6	273	80	1	717	1178
20/05/2017	300	273	78	0	717	1178
21/05/2017	300.4	273	67	0	717	1178
22/05/2017	299.9	273	71	0	717	1178
23/05/2017	300.9	273	77	0	717	1178
24/05/2017	300	273	78	0	717	1178
25/05/2017	299.95	273	82.5	3.2	717	1178
26/05/2017	299.9	273	87	0.4	717	1178
27/05/2017	300.2	273	84	3.6	717	1178
28/05/2017	300.05	273	82.5	0.4	717	1178
29/05/2017	299.9	273	81	0.4	717	1178
30/05/2017	299.6	273	83	7	717	1178
31/05/2017	300.5	273	83	3	717	1178
01/06/2017	300.6	273	84	11	717	1178
02/06/2017	300	273	84	0	717	1178
03/06/2017	300	273	84	0	717	1178
04/06/2017	300	273	84	6	717	1178
05/06/2017	299.6	273	79	0.4	717	1178
06/06/2017	300	273	78	0	717	1178
07/06/2017	300.4	273	78	1	717	1178
08/06/2017	299.8	273	79	0	717	1178
09/06/2017	300.3	273	75	0.2	717	1178
10/06/2017	299	273	80	0	717	1178
11/06/2017	299	273	82.5	2	717	1178
12/06/2017	298.9	273	85	9.4	717	1178
13/06/2017	298.4	273	85	0.4	717	1178
14/06/2017	300	273	74	41.5	717	1178
	299.6	273	72	0	717	1178
	298.9	273	78	0	717	1178
	299	273	77.5	0	717	1178
	299	273	81.25	0	717	1178
	299.1	273	77	0	717	1178



20/06/2017	298.2	273	85	33.6	717	1178
21/06/2017	297.3	273	86	19.6	717	1178
22/06/2017	298.2	273	77	9.8	717	1178
23/06/2017	300.1	273	76	0	717	1178
24/06/2017	299.2	273	80	0	717	1178
25/06/2017	297.3	273	85	0	717	1178
26/06/2017	298.7	273	78	11.6	717	1178
27/06/2017	299.3	273	80	0	717	1178
28/06/2017	299.1	273	73	0	717	1178
29/06/2017	299.7	273	79	0	717	1178
30/06/2017	300.1	273	76	0	717	1178
01/07/2017	299.4	273	76	0.2	717	1178
02/07/2017	299.55	273	75.5	0.4	717	1178
03/07/2017	299.7	273	75	0	717	1178
04/07/2017	300.1	273	79	0	717	1178
05/07/2017	299.5	273	83	0	717	1178
06/07/2017	299.7	273	83	2.2	717	1178
07/07/2017	298.9	273	81	0	717	1178
08/07/2017	299.4	273	78	0.2	717	1178
09/07/2017	299.5	273	77	0	717	1178
10/07/2017	298.6	273	79	0	717	1178
11/07/2017	299.3	273	82	1	717	1178
12/07/2017	300.1	273	75	0	717	1178
13/07/2017	298.3	273	86	4	717	1178
14/07/2017	298	273	81	10.8	717	1178
15/07/2017	298.7	273	72	2	717	1178
16/07/2017	299.1	273	71.5	0	717	1178
17/07/2017	299.5	273	71	0	717	1178
18/07/2017	299.5	273	74	0	717	1178
19/07/2017	299.7	273	76	0	717	1178
20/07/2017	299.5	273	76	0	717	1178
21/07/2017	299.2	273	75	0	717	1178
22/07/2017	299	273	70.5	0	717	1178
23/07/2017	299	273	70.25	0	717	1178
24/07/2017	299.9	273	66	0	717	1178
25/07/2017	299.9	273	70	0	717	1178
26/07/2017	299.6	273	75	0	717	1178
27/07/2017	299.65	273	77.5	1.4	717	1178
28/07/2017	299.7	273	80	4.8	717	1178
29/07/2017	300	273	73.5	0	717	1178
30/07/2017	300	273	70.25	0	717	1178
31/07/2017	301	273	67	0	717	1178
01/08/2017	299.9	273	68	0	717	1178
02/08/2017	299.3	273	73	0	717	1178
03/08/2017	300	273	77	0	717	1178
04/08/2017	300.7	273	72	0	717	1178
	300.1	273	75	0	717	1178
	300.1	273	75	0	717	1178
	301.2	273	75	0	717	1178
	301.3	273	73	0	717	1178
	300.5	273	73	0	717	1178



10/08/2017	300.2	273	73	0	717	1178
11/08/2017	300.7	273	71	0	717	1178
12/08/2017	300.3	273	78	4.7	717	1178
13/08/2017	299.7	273	74	0	717	1178
14/08/2017	298.8	273	68	0	717	1178
15/08/2017	299.5	273	67	0	717	1178
16/08/2017	300.1	273	71	0	717	1178
17/08/2017	300.7	273	69	0	717	1178
18/08/2017	298.6	273	84	27.85	717	1178
19/08/2017	300	273	82	55.7	717	1178
20/08/2017	299.9	273	68	1.6	717	1178
21/08/2017	300.8	273	67	0	717	1178
22/08/2017	300.3	273	72	0	717	1178
23/08/2017	300.4	273	69	0	717	1178
24/08/2017	299.9	273	72	0	717	1178
25/08/2017	300.1	273	64	0	717	1178
26/08/2017	301.1	273	55	0	717	1178
27/08/2017	300.2	273	60	0	717	1178
28/08/2017	300.7	273	61	0	717	1178
29/08/2017	300.9	273	66	0	717	1178
30/08/2017	299.8	273	54	0	717	1178
31/08/2017	299.4	273	68	0	717	1178
01/09/2017	300.1	273	67	0	717	1178
02/09/2017	300.3	273	74	0	717	1178
03/09/2017	300.5	273	71	0	717	1178
04/09/2017	301.1	273	62	0	717	1178
05/09/2017	301.7	273	53	0	717	1178
06/09/2017	299.6	273	68	0	717	1178
07/09/2017	301.55	273	58	0	717	1178
08/09/2017	303.5	273	48	0	717	1178
09/09/2017	302.8	273	53	0	717	1178
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12/09/2017	301.2	273	63	0	717	1178
13/09/2017	301.2	273	64	0	717	1178
14/09/2017	301.3	273	76	0	717	1178
15/09/2017	301.7	273	72	0	717	1178
16/09/2017	303.7	273	57	0	717	1178
17/09/2017	301.7	273	69	0	717	1178
18/09/2017	300.8	273	68	0	717	1178
19/09/2017	300.5	273	69	0	717	1178
20/09/2017	300.2	273	69	0	717	1178
21/09/2017	301.1	273	80	0	717	1178
22/09/2017	301.3	273	83	0	717	1178
23/09/2017	299	273	91	1	717	1178
24/09/2017	299.3	273	85	3.75	717	1178
	299.5	273	88	6.5	717	1178
	301.3	273	80	1.7	717	1178
	301.2	273	80	0	717	1178
	300.6	273	75	0	717	1178
	300.4	273	77	0	717	1178



30/09/2017	300.8	273	75	0	717	1178
01/10/2017	301	273	77	0	717	1178
02/10/2017	300.4	273	83	2.25	717	1178
03/10/2017	300.5	273	83	4.5	717	1178
04/10/2017	300.7	273	81	0	717	1178
05/10/2017	300.8	273	78	1.8	717	1178
06/10/2017	301.2	273	74	0	717	1178
07/10/2017	301.2	273	67	0	717	1178
08/10/2017	301.4	273	74	0	717	1178
09/10/2017	301.4	273	70	0	717	1178
10/10/2017	302.5	273	73	0	717	1178
11/10/2017	301.7	273	78	0	717	1178
12/10/2017	301.3	273	76	0	717	1178
13/10/2017	301.5	273	55	0	717	1178
14/10/2017	300.9	273	72	0	717	1178
15/10/2017	301.3	273	79	3.7	717	1178
16/10/2017	300.6	273	81	7.4	717	1178
17/10/2017	299.9	273	83	11.5	717	1178
18/10/2017	299.5	273	85	11	717	1178
19/10/2017	300.5	273	84	10.5	717	1178
20/10/2017	300.2	273	84.5	3.5	717	1178
21/10/2017	299.9	273	85	10.5	717	1178
22/10/2017	300	273	78	2.2	717	1178
23/10/2017	299.9	273	82	13.7	717	1178
24/10/2017	300.5	273	79	38.2	717	1178
25/10/2017	300.5	273	80	0	717	1178
26/10/2017	300.5	273	81	0	717	1178
27/10/2017	300.4	273	77	21.1	717	1178
28/10/2017	300.8	273	73	0	717	1178
29/10/2017	301.2	273	72	0	717	1178
30/10/2017	301.4	273	77	0	717	1178
31/10/2017	301.1	273	82	18.5	717	1178
01/11/2017	300.8	273	82	10.35	717	1178
02/11/2017	299.2	273	85	2.2	717	1178
03/11/2017	299.2	273	87	38.5	717	1178
04/11/2017	299.9	273	86	13	717	1178
05/11/2017	299.7	273	86	18.6	717	1178
06/11/2017	299.7	273	83	43.8	717	1178
07/11/2017	299.5	273	83	1.8	717	1178
08/11/2017	300	273	81	22	717	1178
09/11/2017	300.35	273	80.5	3	717	1178
10/11/2017	300.7	273	80	0	717	1178
11/11/2017	299.6	273	85	0	717	1178
12/11/2017	299.8	273	85.5	42.5	717	1178
13/11/2017	300.2	273	85.5	25.35	717	1178
14/11/2017	300	273	86	8.2	717	1178
	300.6	273	79	9.7	717	1178
	300.6	273	81	4.7	717	1178
	301.2	273	78.5	1.8	717	1178
	301.8	273	76	0	717	1178
	301.2	273	82	4.2	717	1178



20/11/2017	299.5	273	87	0	717	1178
21/11/2017	298.9	273	90	1.5	717	1178
22/11/2017	298.3	273	93	28	717	1178
23/11/2017	300.6	273	79	51.4	717	1178
24/11/2017	300.5	273	84	8	717	1178
25/11/2017	300.7	273	82	11.2	717	1178
26/11/2017	300.9	273	83	2.8	717	1178
27/11/2017	299.9	273	88	4.4	717	1178
28/11/2017	299.5	273	88	75	717	1178
29/11/2017	299.1	273	87	71.8	717	1178
30/11/2017	299.4	273	89	2.4	717	1178

Lampiran 2. Tabel hasil Perhitungan Energi

X	Cvg	Cpg	Th	Tc	Lh(300)	Lc (273)	Qnet	Qin	EFISIENSI
0	717	1178	300	273	2439370	406976	2439943	2487926	0.980714
0.1	717	1178	300	273	2439370	406976	2439943	2266813	1.076376
0.2	717	1178	300	273	2439370	406976	2439943	2045701	1.192718
0.3	717	1178	300	273	2439370	406976	2439943	1824588	1.337257
0.4	717	1178	300	273	2439370	406976	2439943	1603476	1.521659
0.5	717	1178	300	273	2439370	406976	2439943	1382363	1.765053
0.6	717	1178	300	273	2439370	406976	2439943	1161250	2.101135
0.7	717	1178	300	273	2439370	406976	2439943	940137.6	2.595304
0.8	717	1178	300	273	2439370	406976	2439943	719025	3.393406
0.9	717	1178	300	273	2439370	406976	2439943	497912.4	4.900347
1	717	1178	300	273	2439370	406976	2439943	276799.8	8.814832

Lampiran 3. Tabel Kelembaban dan Curah Hujan Rata-Rata per-Tiga Bulan

Bulan	Th (K)	Tc (K)	Kelembaban Rata-rata (%)	Curah Hujan (mm)	Cv (J/kg K)	Cp (J/kg K)
DJF	299.795	273	89.33333333	20.08333333	717	1178
MAM	299.8674	273	82.80434783	6.219565217	717	1178
JJA	299.6413	273	75.13315217	2.8625	717	1178
SON	300.6286	273	7.467032967	7.467032967	717	1178



Lampiran 4. Tabel Akumulasi Energi untuk Tiap Proses Dalam Periode Tiga Bulanan

1. DJF

X	C _x (J/kg K)	C _p (J/kg K)	T _h (K)	T _c (K)	H _h (%)	C _x (J/kg K)	C _p (J/kg K)	L _h (J/kg)	L _c (J/kg)
0.1	717	1178	299.8	273	89.33	717	1178	2439844.9	2501870
0.2	717	1178	299.8	273	89.33	717	1178	2439844.9	2501870
0.3	717	1178	299.8	273	89.33	717	1178	2439844.9	2501870
0.4	717	1178	299.8	273	89.33	717	1178	2439844.9	2501870
0.5	717	1178	299.8	273	89.33	717	1178	2439844.9	2501870
0.6	717	1178	299.8	273	89.33	717	1178	2439844.9	2501870
0.7	717	1178	299.8	273	89.33	717	1178	2439844.9	2501870
0.8	717	1178	299.8	273	89.33	717	1178	2439844.9	2501870
0.9	717	1178	299.8	273	89.33	717	1178	2439844.9	2501870
1	717	1178	299.8	273	89.33	717	1178	2439844.9	2501870

X	Q12 (J)	Q23 (J)	Q34 (J)	Q41 (J)	Q _{net} (J)	Q _{in} (J)	Efisiensi
0.1	2195860.4	-1441.0446	-2251683	40833.4	-16430.204	2236693.8	-0.0073458
0.2	1951875.9	-1441.0446	-2001496	62483.606	11422.508	2014359.6	0.0056705
0.3	1707891.5	-1441.0446	-1751309	84162.632	39304.041	1792054.1	0.0219324
0.4	1463907	-1441.0446	-1501122	105870.48	67214.395	1569777.4	0.0428178
0.5	1219922.5	-1441.0446	-1250935	127607.15	95153.57	1347529.6	0.0706133
0.6	975937.97	-1441.0446	-1000748	149372.64	123121.57	1125310.6	0.1094112
0.7	731953.48	-1441.0446	-750561	171166.95	151118.38	903120.43	0.1673292
0.8	487968.99	-1441.0446	-500374	192990.08	179144.02	680959.07	0.263076
0.9	243984.49	-1441.0446	-250187	214842.03	207198.48	458826.52	0.4515835
1	0	-1441.0446	0	236722.8	235281.76	236722.8	0.9939125

2. MAM

X	C _x (J/kg K)	C _p (J/kg K)	T _h (K)	T _c (K)	H _h (%)	C _x (J/kg K)	C _p (J/kg K)	L _h (J/kg)	L _c (J/kg)
0.1	717	1178	299.9	273	82.8	717	1178	2439678.3	2501870
0.2	717	1178	299.9	273	82.8	717	1178	2439678.3	2501870
0.3	717	1178	299.9	273	82.8	717	1178	2439678.3	2501870
0.4	717	1178	299.9	273	82.8	717	1178	2439678.3	2501870
0.5	717	1178	299.9	273	82.8	717	1178	2439678.3	2501870
0.6	717	1178	299.9	273	82.8	717	1178	2439678.3	2501870
	717	1178	299.9	273	82.8	717	1178	2439678.3	2501870
	717	1178	299.9	273	82.8	717	1178	2439678.3	2501870
	717	1178	299.9	273	82.8	717	1178	2439678.3	2501870
	717	1178	299.9	273	82.8	717	1178	2439678.3	2501870



X	Q12 (J)	Q23 (J)	Q34 (J)	Q41 (J)	Qnet (J)	Qin (J)	Efisiensi
0.1	2195710.4	-2460.6171	-2251683	40948.922	-17484.254	2236659.4	-0.0078171
0.2	1951742.6	-2460.6171	-2001496	62683.417	10469.414	2014426	0.0051972
0.3	1707774.8	-2460.6171	-1751309	84467.124	38472.295	1792241.9	0.021466
0.4	1463807	-2460.6171	-1501122	106300.04	66524.387	1570107	0.0423693
0.5	1219839.1	-2460.6171	-1250935	128182.18	94625.692	1348021.3	0.070196
0.6	975871.31	-2460.6171	-1000748	150113.52	122776.21	1125984.8	0.109039
0.7	731903.48	-2460.6171	-750561	172094.08	150975.94	903997.56	0.1670092
0.8	487935.65	-2460.6171	-500374	194123.85	179224.88	682059.5	0.2627702
0.9	243967.83	-2460.6171	-250187	216202.83	207523.04	460170.65	0.4509697
1	0	-2460.6171	0	238331.02	235870.4	238331.02	0.9896756

3. JJA

X	Q _x (J/kg K)	C _p (J/kg K)	T _h (K)	T _c (K)	H _b (%)	Q _x (J/kg K)	C _p (J/kg K)	L _h (J/kg)	L _c (J/kg)
0.1	717	1178	299.6	273	89.33	717	1178	2440201.4	2501870
0.2	717	1178	299.6	273	89.33	717	1178	2440201.4	2501870
0.3	717	1178	299.6	273	89.33	717	1178	2440201.4	2501870
0.4	717	1178	299.6	273	89.33	717	1178	2440201.4	2501870
0.5	717	1178	299.6	273	89.33	717	1178	2440201.4	2501870
0.6	717	1178	299.6	273	89.33	717	1178	2440201.4	2501870
0.7	717	1178	299.6	273	89.33	717	1178	2440201.4	2501870
0.8	717	1178	299.6	273	89.33	717	1178	2440201.4	2501870
0.9	717	1178	299.6	273	89.33	717	1178	2440201.4	2501870
1	717	1178	299.6	273	89.33	717	1178	2440201.4	2501870

X	Q12 (J)	Q23 (J)	Q34 (J)	Q41 (J)	Qnet (J)	Qin (J)	Efisiensi
0.1	2196181.3	-3536.9997	-2251683	40629.005	-18409.723	2236810.3	-0.0082303
0.2	1952161.1	-3536.9997	-2001496	62227.152	9355.2829	2014388.3	0.0046442
0.3	1708141	-3536.9997	-1751309	83896.04	37191.029	1792037	0.0207535
0.4	1464120.8	-3536.9997	-1501122	105635.67	65097.515	1569756.5	0.0414698
0.5	1220100.7	-3536.9997	-1250935	127446.03	93074.742	1347546.7	0.0690698
0.6	976080.57	-3536.9997	-1000748	149327.14	121122.71	1125407.7	0.1076256
0.7	732060.42	-3536.9997	-750561	171278.99	149241.41	903339.41	0.1652108
0.8	488040.28	-3536.9997	-500374	193301.58	177430.86	681341.86	0.2604139
0.9	244020.14	-3536.9997	-250187	215394.9	205691.05	459415.05	0.4477238
1	0	-3536.9997	0	237558.97	234021.97	237558.97	0.9851111



4. SON

X	C_x (J/kg K)	C_p (J/kg K)	T_h (K)	T_c (K)	Hh (%)	C_x (J/kg K)	C_p (J/kg K)	L_h (J/kg)	L_c (J/kg)
0.1	717	1178	300.6	273	89.33	717	1178	2437916.7	2501870
0.2	717	1178	300.6	273	89.33	717	1178	2437916.7	2501870
0.3	717	1178	300.6	273	89.33	717	1178	2437916.7	2501870
0.4	717	1178	300.6	273	89.33	717	1178	2437916.7	2501870
0.5	717	1178	300.6	273	89.33	717	1178	2437916.7	2501870
0.6	717	1178	300.6	273	89.33	717	1178	2437916.7	2501870
0.7	717	1178	300.6	273	89.33	717	1178	2437916.7	2501870
0.8	717	1178	300.6	273	89.33	717	1178	2437916.7	2501870
0.9	717	1178	300.6	273	89.33	717	1178	2437916.7	2501870
1	717	1178	300.6	273	89.33	717	1178	2437916.7	2501870

X	Q12 (J)	Q23 (J)	Q34 (J)	Q41 (J)	Qnet (J)	Qin (J)	Efisiensi
0.1	2194125	-33906.422	-2251683	42375.27	-49089.117	2236500.3	-0.0219491
0.2	1950333.4	-33906.422	-2001496	65619.392	-19449.665	2015952.8	-0.0096479
0.3	1706541.7	-33906.422	-1751309	89541.643	10867.915	1796083.3	0.0060509
0.4	1462750	-33906.422	-1501122	114142.02	41863.624	1576892	0.0265482
0.5	1218958.4	-33906.422	-1250935	139420.53	73537.461	1358378.9	0.0541362
0.6	975166.68	-33906.422	-1000748	165377.17	105889.43	1140543.8	0.0928412
0.7	731375.01	-33906.422	-750561	192011.93	138919.52	923386.94	0.1504456
0.8	487583.34	-33906.422	-500374	219324.82	172627.74	706908.16	0.2442011
0.9	243791.67	-33906.422	-250187	247315.85	207014.09	491107.52	0.421525
1	0	-33906.422	0	275984.99	242078.57	275984.99	0.877144



