Lampiran 1

Tabel Adjustment Factor (c)

Tabel Adjustment faktor (c) digunakan untuk persamaan penman

	Rhmax = 30%				Rhmax = 60%				Rhmax = 90%			
Rs mm/ day	3	6	9	12	3	6	9	12	3	6	9	12
Uday m/sec	1,0Uday / Unight = 4,0											
0	0.86	0.90	1.00	1.00	0.98	0.98	1.05	1.05	1.02	1.06	1.10	1.10
3	0.79	0.84	0.92	0.97	0.92	1.00	1.11	1.19	0.99	1.10	1.27	1.32
6	0.68	0.77	0.87	0.93	0.85	0.96	1.11	1.19	0.94	1.10	1.26	1.33
9	0.55	0.65	0.78	0.90	0.76	0.88	1.02	1.14	0.88	1.01	1.16	1.27
	1,0Uday / Unight = 3,0											
0	0.86	0.90	1.00	1.00	0.96	0.98	1.05	1.05	1.02	1.06	1.10	1.10
3	0.76	0.81	0.88	0.94	0.87	0.96	1.06	1.12	0.94	1.04	1.18	1.28
6	0.61	0.68	0.81	0.88	0.77	0.88	1.02	1.10	0.86	1.01	1.15	1.22
9	0.46	0.56	0.72	0.82	0.67	0.79	0.88	1.05	0.78	0.92	1.06	1.18
	1,0Uday / Unight = 2,0											
0	0.86	0.90	1.00	1.00	0.96	0.98	1.05	1.05	1.02	1.06	1.10	1.10
3	0.69	0.76	0.85	0.92	0.83	0.91	0.99	1.05	0.89	0.98	1.10	1.14
6	0.53	0.61	0.74	0.84	0.70	0.80	0.94	1.02	0.79	0.92	1.05	1.12
9	0.37	0.48	0.65	0.76	0.59	0.70	0.84	0.95	0.71	0.81	0.96	1.06
	1,0Uday / Unight = 1,0											
0	0.86	0.90	1.00	1.00	0.96	0.98	1.05	1.05	1.02	1.06	1.10	1.10
3	0.64	0.71	0.82	0.89	0.78	0.86	0.94	0.99	0.85	0.92	1.01	1.05
6	0.43	0.53	0.68	0.79	0.62	0.70	0.84	0.93	0.72	0.82	0.95	1.00
9	0.27	0.41	0.59	0.70	0.50	0.60	0.75	0.87	0.62	0.72	0.87	0.96

umber : Hadisusanto dalam Imron 2012

Tabel Adjustment faktor (c) bulanan digunankan untuk persamaan penman

Bulan	Januari	Februari	Maret	April	Mei	Juni	Juli	Agustus	September	Oktober	Nopember	Desember
C	1.04	1.05	1.06	0.9	0.9	0.9	0.9	1	1.1	1.1	1.1	1.1

umber : Suroso, A. (2011) Bahan Ajar Irigasi dan Bangunan, UMB

Lampiran 2

Tabel Nilai Faktor Penimbang (W) dan Extra Terrestrial Radiation (Ra)

Tabel Nilai faktor penimbang (W) untuk efek radiasi terhadap Eto pada perbedaan temperatur

Temperatur °C		2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
	m																				
W Ketinggian	0	0.43	0.46	0.49	0.52	0.55	0.58	0.61	0.64	0.66	0.69	0.71	0.73	0.75	0.77	0.78	0.8	0.82	0.83	0.84	0.85
	500	0.44	0.48	0.51	0.54	0.57	0.6	0.62	0.65	0.67	0.7	0.72	0.74	0.76	0.78	0.79	0.81	0.82	0.84	0.85	0.86
	1000	0.46	0.49	0.52	0.55	0.58	0.61	0.64	0.66	0.69	0.71	0.73	0.75	0.77	0.79	0.8	0.82	0.83	0.85	0.86	0.87
	2000	0.49	0.52	0.55	0.58	0.61	0.64	0.66	0.69	0.71	0.73	0.75	0.77	0.79	0.81	0.82	0.84	0.85	0.86	0.87	0.88
	3000	0.52	0.55	0.58	0.61	0.64	0.66	0.69	0.71	0.73	0.75	0.77	0.79	0.81	0.82	0.84	0.85	0.86	0.87	0.88	0.89
	4000	0.54	0.58	0.61	0.64	0.66	0.69	0.71	0.73	0.75	0.77	0.79	0.81	0.82	0.84	0.85	0.86	0.87	0.89	0.9	0.9

Sumber : Hadisusanto dalam Imron 2012

Tabel Extra Terresterial Radiation (Ra) Expressed in Equivalent Evaporation mm/day

Northern Hemisphere												Lat	Southern Hemis phere											
Jan	Feb	Mar	Apr	Mei	Jun	Jul	Agust	Sep	Okt	Nop	Des		Jan	Feb	Mar	Apr	Mei	Jun	Jul	Agust	Sep	Okt	Nop	Des
3.8	6.1	9.4	12.7	15.8	17.1	16.4	14.1	10.9	7.4	4.5	3.2	50°	17.5	14.7	10.9	7	4	3.1	3.5	5.5	8.9	12.9	16.5	18.2
4.3	6.6	9.8	13.0	15.9	17.2	16.5	14.3	11.2	7.8	5.0	3.7	48°	17.6	14.9	11.2	7.5	4.7	3.5	4	6	9.3	13.2	16.6	18.2
4.9	7.1	10.2	13.3	16.0	17.2	16.6	14.5	11.5	8.3	5.5	4.3	46°	17.7	15.1	11.5	7.9	5.2	4	4.4	6.5	9.7	13.4	16.7	18.3
5.3	7.6	10.5	13.7	16.1	17.2	16.6	14.7	11.9	8.7	6.0	4.7	44°	17.7	15.3	11.9	8.4	5.7	4.4	4.9	6.9	10.2	13.7	16.7	18.3
5.9	8.1	11.0	14.0	16.2	17.3	16.7	15.0	12.2	9.1	6.5	5.2	42°	17.8	15.5	12.2	8.8	6.1	4.9	5.4	7.4	10.6	14	16.8	18.3
6.4	8.6	11.4	14.3	16.4	17.3	16.7	15.2	12.5	9.6	7	5.7	40°	17.9	15.7	12.5	9.2	6.6	5.3	5.9	11	7.9	14.2	16.9	18.3
6.9	9	11.8	14.5	16.4	17.2	16.7	15.3	12.8	10	7.5	6.1	38°	17.9	15.8	12.8	9.6	7.1	5.8	6.3	11.4	8.3	14.4	17	18.3
7.4	9.4	12.1	14.7	16.4	17.2	16.7	15.4	13.1	10.6	8	6.6	36°	17.9	16	13.2	10.1	7.5	6.3	6.8	11.7	8.8	14.6	17	18.2
7.9	9.8	12.4	14.8	16.5	17.1	16.8	15.5	13.4	10.8	8.5	7.2	34°	17.8	16.1	13.5	10.5	8	6.8	9.2	12	9.2	14.9	17.1	18.2
8.3	10.2	12.8	15	16.5	17	16.8	15.6	13.6	11.2	9	7.8	32°	17.8	16.2	13.8	10.9	8.5	7.3	9.6	12.4	9.6	15.1	17.2	18.1
8.8	10.7	13.1	15.2	16.5	17	16.8	15.7	13.9	11.6	9.5	8.3	30°	17.8	16.4	14	11.3	8.9	7.8	8.1	10.1	12.7	15.3	17.3	18.1
9.3	11.1	13.4	15.3	16.5	16.8	16.7	15.7	14.1	12	9.9	8.8	28°	17 7	16.4	14.3	11.6	9.3	8.2	8.6	10.4	13	15.4	17.2	17.9
9.8	11.5	13.7	15.3	16.4	16.7	16.6	15.7	14.3	12.3	10.3	9.3	26°	17.6	16.4	14.4	12	9.7	8.7	9.1	10.9	13.2	15.5	17.2	17.8
10.2	11.9	13.9	15.4	16.4	16.6	16.5	15.8	14.5	12.6	10.7	9.7	24°	17.5	16.5	14.6	12.3	10.2	9.1	9.5	11.2	13.4	15.6	17.1	17.7
10.7	12.3	14.2	15.5	16.3	16.4	16.4	15.8	14.6	13	11.1	10.2	22°	17.4	16.5	14.8	12.6	10.6	9.6	10	11.6	13.7	15.7	17	17.5
11.2	12.7	14.4	15.6	16.3	16.4	16.3	15.9	14.8	13.3	11.6	10.7	20°	17.3	16.5	15	13	11	10	10.4	12	13.9	15.8	17	17.4
11.6	13	14.6	15.6	16.1	16.1	16.1	15.8	14.9	13.6	12	11.1	18°	17.1	16.5	15.1	13.2	11.4	10.4	10.8	12.3	14.1	15.8	16.8	17.1
12	13.3	14.7	15.6	16	15.9	15.9	15.7	15	13.9	12.4	11.6	16°	16.9	16.4	15.2	13.5	11.7	10.8	11.2	12.6	14.3	15.8	16.7	16.8
12.4	13.6	14.9	15.7	15.8	15.7	15.7	15.7	15.1	14.1	12.8	12	14°	16.7	16.4	15.3	13.7	12.1	11.2	11.6	12.9	14.5	15.8	16.5	16.6
12.8	13.9	15.1	15.7	15.7	15.5	15.5	15.6	15.2	14.4	13.3	12.5	12°	16.6	16.3	15.4	14	12.5	11.6	12	13.2	14.7	15.8	16.4	16.5
13.2	14.2	15.3	15.7	15.5	15.3	15.3	15.5	15.3	14.7	13.6	12.9	10°	16.4	16.3	15.5	14.2	12.8	12	12.4	13.5	14.8	15.9	16.2	16.2
13.6	14.5	15.3	15.6	15.3	15	15.1	15.4	15.3	14.8	13.9	13.3	8°	16.1	16.1	15.5	14.4	13.1	12.4	12.7	13.7	14.9	15.8	16	16
13.9	14.8	15.4	15.4	15.1	14.7	14.9	15.2	15.3	15	14.2	13.7	6°	15.8	16	15.6	14.7	13.4	12.8	13.1	14	15	15.7	15.8	15.7
14.3	15	15.5	15.5	14.9	14.4	14.6	15.1	15.3	15.1	14.5	14.1	4°	15.5	15.8	15.6	14.9	13.8	13.2	13.4	14.3	15.1	15.6	15.5	15.4
14.7	15.3	15.6	15.3	14.6	14.2	14.3	14.9	15.3	15.3	14.8	14.4	2°	15.3	15.7	15.7	15.1	14.1	13.5	13.7	14.5	15.2	15.5	15.3	15.1
15	15.5	15.7	15.3	14.4	13.9	14.1	14.8	15.3	15.4	15.1	14.8	0°	15	15.5	15.7	15.3	14.4	13.9	14.1	14.8	15.3	15.4	15.1	14.8

umber : *Hadisusanto dalam Imron 2012*