

Monthly Average Temperature

()

Month	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
JAN	26.8	26.0	26.5	26.0	26.6	26.1	26.2	25.7	25.8	25.9	25.8	26.0	27.4	26.2	25.9	26.1
FEB	26.2	26.3	27.8	25.4	26.4	25.9	26.6	26.1	26.2	26.1	25.7	26.5	27.5	26.3	26.2	26.3
MAR	26.1	26.9	27.3	26.2	26.4	26.8	26.7	26.5	26.2	26.6	26.5	26.8	27.5	26.6	26.8	26.4
APR	26.6	27.3	27.3	27.1	27.2	27.8	27.6	26.6	26.9	27.0	26.1	26.6	27.8	27.8	26.9	27.1
MAY	27.4	26.8	27.7	27.3	28.8	27.0	27.6	26.9	27.1	27.3	27.6	27.3	28.1	27.0	27.8	27.1
JUN	27.1	27.3	27.4	26.3	27.0	27.1	27.5	27.0	26.7	27.5	26.8	27.2	27.5	27.1	26.4	26.9
JUL	27.0	27.5	26.9	26.9	26.5	27.4	26.2	27.3	26.6	26.6	27.0	27.0	26.9	26.4	26.6	26.9
AUG	27.1	27.1	26.3	26.5	26.9	27.6	27.1	27.2	27.0	27.0	26.3	27.6	26.4	26.6	26.5	26.9
SEP	26.6	29.8	26.6	26.2	27.7	27.5	26.6	27.2	27.7	27.7	26.7	27.5	27.0	26.5	25.6	-
OCT	26.6	27.7	27.5	26.8	27.2	27.4	27.0	27.4	27.5	27.5	26.8	28.0	27.2	26.4	27.2	-
NOV	26.5	27.6	27.0	26.6	27.0	26.8	26.4	25.6	26.8	27.8	27.1	27.8	27.2	28.8	26.8	-
DEC	26.5	26.9	26.0	26.1	26.4	26.5	26.0	26.4	26.7	26.7	26.5	27.2	26.4	26.4	26.5	-

Maximum Temperature

()

Month	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
JAN	30.9	30.8	31.3	30.9	31.3	30.8	30.4	29.9	29.9	30.3	29.7	30.3	32.6	30.8	30.2	30.8
FEB	30.7	30.8	31.5	30.0	31.4	31.1	31.5	31.0	31.1	31.2	29.8	31.7	32.3	31.1	31.1	31.4
MAR	30.9	32.3	32.1	31.3	31.6	32.1	31.7	31.7	31.9	31.5	31.7	32.1	32.6	31.8	32.0	32.1
APR	31.2	32.6	32.0	32.2	33.2	32.3	32.7	31.7	31.9	31.9	32.1	31.8	33.2	32.7	32.2	32.5
MAY	31.9	31.7	32.4	34.0	33.0	31.8	32.6	31.5	31.5	32.1	32.4	32.7	32.8	32.1	33.1	32.5
JUN	31.9	32.1	32.4	31.2	31.7	32.4	32.1	31.8	31.3	32.4	31.1	33.0	32.6	32.4	31.0	32.2
JUL	32.0	32.8	31.9	32.4	31.5	32.6	31.1	32.6	31.7	31.7	31.6	32.9	32.1	31.5	31.7	32.7
AUG	32.3	32.6	31.1	31.8	31.8	33.2	32.2	32.8	33.0	33.0	31.7	33.5	31.6	32.4	32.0	32.7
SEP	31.5	33.3	31.5	32.2	33.2	33.3	32.1	32.8	33.8	33.8	31.4	34.4	32.3	32.6	31.8	-
OCT	31.5	33.4	32.7	32.2	32.9	33.2	32.3	33.1	33.5	33.5	31.4	34.6	31.9	31.8	32.6	-
NOV	31.4	32.9	31.4	31.2	32.5	31.9	31.2	31.6	32.7	32.7	31.9	34.4	32.0	31.4	31.8	-
DEC	31.4	31.6	30.2	30.6	30.8	30.2	30.5	30.7	31.7	31.7	30.8	32.5	30.8	30.5	31.1	-

Minimum Temperature

()

Month	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
JAN	23.3	23.4	24.0	24.0	22.9	23.5	23.6	23.3	23.3	23.3	23.0	23.1	24.3	23.3	23.1	22.9
FEB	23.0	23.4	23.8	23.8	23.7	23.4	23.8	23.0	23.5	23.4	23.3	22.9	24.8	23.4	22.9	23.3
MAR	23.3	23.0	24.1	24.1	23.7	23.6	22.4	23.2	23.3	23.7	23.5	23.4	24.3	23.3	23.1	22.6
APR	23.8	24.2	24.6	24.6	24.0	23.8	24.5	23.8	24.0	24.1	23.6	23.4	24.7	23.8	23.0	23.2
MAY	24.3	23.9	24.7	24.7	24.0	24.3	24.4	22.0	23.9	24.9	24.2	23.9	25.1	23.6	23.9	23.7
JUN	23.8	23.6	23.9	23.9	23.6	23.9	24.1	23.7	23.6	23.9	23.7	23.0	24.1	23.3	23.3	23.1
JUL	23.4	23.6	23.5	23.5	23.4	23.4	23.3	23.1	22.8	22.8	23.8	23.8	23.6	22.5	23.1	22.7
AUG	23.2	23.1	23.5	23.5	23.4	23.4	23.4	22.7	22.7	22.7	23.3	22.8	23.2	22.5	22.6	-
SEP	23.4	23.3	23.6	23.6	23.1	23.3	23.0	22.4	23.3	23.3	23.7	23.1	23.6	22.6	21.9	-
OCT	23.5	24.1	24.3	24.3	24.2	22.2	23.1	23.4	22.8	22.8	23.6	22.4	23.9	22.8	23.1	-
NOV	23.7	24.2	23.7	23.7	23.6	23.2	23.1	22.7	23.7	23.7	23.7	23.5	23.6	23.1	23.3	-
DEC	23.8	23.9	23.3	23.3	24.0	26.5	-	-	-	-	-	-	-	-	-	-



THE STUDY ON COMPREHENSIVE WATER
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Annex A3.3.1 (1)

Meteorological Data at Plaju
Station in Palembang (1)

Monthly Rainfall

(mm)

Month	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
JAN	119	108	304	291	214	249	240	211	251	339	245	147	254	396	213	352
FEB	102	80	286	272	457	209	263	153	139	322	292	294	246	167	218	213
MAR	137	329	509	373	318	494	472	342	317	260	307	328	437	359	120	346
APR	69	377	177	245	140	239	260	366	338	297	231	431	202	202	319	388
MAY	20	231	189	221	255	182	192	112	83	201	53	275	258	170	231	66
JUN	76	30	11	31	481	57	60	146	78	224	234	31	232	158	225	197
JUL	66	29	57	157	101	12	140	379	151	79	173	3	123	175	125	36
AUG	11	31	174	153	162	0	78	40	0	143	99	1	332	51	121	71
SEP	68	5	128	108	19	34	170	66	10	73	126	-	255	91	104	-
OCT	56	99	239	214	124	18	278	70	47	207	303	4	268	223	417	-
NOV	65	175	253	231	288	137	325	320	157	231	314	124	399	416	223	-
DEC	136	258	191	202	384	607	336	366	309	356	294	408	400	317	359	-
Total	925	1,752	2,518	2,498	2,943	2,238	2,814	2,571	1,880	2,732	2,671	-	3,406	2,725	2,675	-

Number of Rainy Day

(days)

Month	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
JAN	16	20	25	20	22	24	22	25	24	20	24	20	22	25	21	21
FEB	17	20	21	21	24	21	20	12	16	16	20	19	19	21	17	19
MAR	26	23	25	23	23	23	22	21	29	22	25	21	25	18	18	19
APR	29	23	21	19	17	22	18	19	20	21	22	21	22	7	22	22
MAY	16	23	16	13	15	16	16	16	14	15	14	12	18	16	13	14
JUN	16	13	6	6	10	8	7	12	10	12	20	3	14	9	17	12
JUL	7	5	11	7	13	3	20	9	3	14	13	5	4	12	14	9
AUG	5	5	17	10	11	0	9	6	0	11	15	4	22	11	12	10
SEP	19	5	20	14	5	3	11	7	1	8	15	-	13	11	17	-
OCT	20	13	15	15	8	4	12	10	6	15	20	1	17	19	22	-
NOV	22	15	18	21	15	22	25	22	22	12	19	15	19	22	30	-
DEC	21	24	19	22	26	25	22	23	25	12	20	21	22	23	25	-

Sunshine Hour (for 8 Hour)

(%)

Month	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
JAN	41	41	59	55	34	39	47	42	27	35	39	54	61	29	46	37
FEB	56	55	64	33	61	55	52	59	41	41	36	62	54	46	54	44
MAR	52	68	63	54	58	53	58	65	38	42	63	66	51	47	41	44
APR	69	75	70	64	67	58	72	57	54	51	57	62	57	69	56	44
MAY	63	74	73	71	71	49	75	50	58	59	69	73	67	62	78	44
JUN	68	72	79	66	70	80	71	68	56	71	58	85	64	72	51	60
JUL	74	85	71	72	67	76	62	72	83	61	68	71	60	71	68	71
AUG	80	76	26	69	65	64	71	82	81	70	65	56	52	73	76	58
SEP	53	73	67	60	82	23	67	77	36	61	46	49	52	64	64	-
OCT	53	52	73	55	66	3	63	68	21	59	52	27	41	55	53	-
NOV	50	68	51	46	59	37	49	48	44	49	66	37	55	51	53	-
DEC	61	51	46	17	46	41	35	37	51	43	43	44	35	32	41	-



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Annex A3.3.1 (2)

Meteorological Data at Plaju
Station in Palembang (2)

Relative Humidity

(%)

Month	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
JAN	85	84	86	88	90	89	86	88	86	87	86	86	87	84	86	86
FEB	84	81	84	89	89	87	86	87	86	86	87	87	85	85	84	86
MAR	85	84	84	86	88	87	87	84	85	86	86	85	85	86	82	85
APR	87	84	86	85	87	86	84	86	85	85	85	86	80	85	83	84
MAY	77	85	85	85	85	88	84	87	84	85	80	82	84	85	83	85
JUN	82	83	81	84	85	84	82	84	83	83	85	81	80	83	81	82
JUL	79	77	81	81	84	79	85	82	77	83	82	76	80	84	80	78
AUG	75	77	84	82	84	76	82	77	72	80	76	75	79	86	81	79
SEP	82	77	84	85	79	75	83	76	69	77	84	73	79	83	80	-
OCT	84	81	80	85	81	77	83	77	72	81	82	78	84	84	81	-
NOV	84	83	84	86	84	83	89	79	81	82	79	83	83	81	81	-
DEC	84	84	85	89	83	84	91	84	84	86	82	84	85	86	85	-

Wind Direction

Month	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
JAN	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW
FEB	N	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	SE	NW	NW
MAR	N	E	NW	NW	NW	NW	NW	W	W	NW	NW	N	NW	NW	NW	NW
APR	SE	S	SE	NW	W	NW	NW	NW	SE	W	NW	E	NW	W	W	NW
MAY	SE	SE	SE	E	W	SE	E	SE	SE	SE	SE	S	S	E	S	S
JUN	SE	SE	SE	SE	E	SE	SE	SE	SE	SE	SE	SE	S	E	S	S
JUL	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E
AUG	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	SE	E	SE
SEP	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	SE	SE	NE	-
OCT	SE	SE	SE	SE	SE	SE	SE	SE	E	SE	SE	E	S	E	W	-
NOV	W	SE	NW	NW	E	W	NW	SW	SE	NW	W	E	NW	NW	NW	-
DEC	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	W	-

Wind Speed

(knot)

Month	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
JAN	3	4	2	3	2	3	3	3	3	3	3	3	2	2	3	3
FEB	3	4	2	3	3	3	2	3	2	3	3	3	2	3	3	4
MAR	2	2	2	2	2	3	2	3	3	2	2	2	1	2	3	3
APR	2	2	2	2	2	2	2	2	2	2	2	1	1	2	3	2
MAY	2	2	1	2	2	3	2	2	3	2	3	1	1	2	2	3
JUN	2	2	2	2	3	3	3	3	3	2	3	2	1	3	2	3
JUL	2	3	2	3	3	4	3	3	4	3	3	3	1	3	3	4
AUG	3	3	2	4	3	4	3	4	5	4	3	4	2	3	3	5
SEP	3	3	2	3	4	4	3	4	5	4	3	4	2	3	3	-
OCT	2	2	2	3	3	3	4	4	3	3	3	3	2	2	3	-
NOV	2	2	2	3	3	3	3	2	3	2	3	2	1	2	2	-
DEC	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	-



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Annex A3.3.1 (3)

Meteorological Data at Plaju
Station at Palembang (3)