

DAFTAR PUSTAKA

- Abduh, M.N. (2018) *Ilmu dan Rekayasa Lingkungan*, Makassar: SAH MEDIA.
- Badan Perencanaan Pembangunan Kota Surabaya (2018) *Surabaya Drainage Master Plan 2018-2038*, Surabaya.
- BR, S.H. (1993) *Analisis Hidrologi*, Jakarta: Gramedia Pustaka Utama.
- Harisuseno, D. dan Bisri, M. (2017) *Limpasan Permukaan Secara Keruangan (Spatial Runoff)*, Malang: UB Press.
- Ismail, F. (2018) *Statistika Untuk Penelitian Pendidikan dan Ilmu-Ilmu Sosial*, Jakarta: Kencana.
- Kodoatie, R.J. dan Sjarief, R. (2010) *Tata Ruang Air*, Yogyakarta: ANDI.
- Lasminto, U. (2015) 'Evaluasi Genangan Kota Surabaya', *Prosiding Seminar Nasional Aplikasi Teknologi Prasarana Wilayah (ATPW)*, pp. 83-98.
- Limantara, L.M. (2018) *Rekayasa Hidrologi*, Yogyakarta: ANDI.
- Munson, B.R., Young, D.F. dan Okiishi, T.R. (2003) *Mekanika Fluida*, Jakarta: Erlangga.
- PERMEN PU NO 12 /PRT/M/2014 (2014) *Tentang Penyelenggaraan Sistem Drainase Perkotaan*, Jakarta: Kementrian Pekerjaan Umum RI.
- Sari, R.L., Lasminto, U. dan Margini, N.F. (2017) 'Perencanaan Jaringan Drainase Sub Sistem Kalidami Surabaya', *Jurnal Hidroteknik*, pp. 28-34.
- SNI 2415-2016 (2016) *Tata cara perhitungan debit banjir rencana*, Jakarta: Badan Standarisasi Nasional.
- Soemarto, C. (1987) *Hidrologi Teknik*, Jakarta: Erlangga.
- Soewarno (1995) *Hidrologi - Aplikasi Metode Statistik Untuk Analisa Data*, Bandung: N O V A.
- Sosrodarsono, S. (2003) *Hidrologi Untuk Pengairan*, Jakarta: Pradya Paramita.

Stephenson, D. (2012) *Water Supply Management*, Johannesburg: Springer Science & Business Media.

Syarifudin, A. (2017) *Drainase Perkotaan Berwawasan Lingkungan*, Yogyakarta: ANDI.



Lampiran 1

Kondisi 7 buah pompa dengan kapasitas $3\text{m}^3/\text{dt}$



Kondisi boezem saat elevasi air pada titik 5 cm



Kondisi saluran buang serta pintu air di boezem Kalidami



Kondisi saat boezem saat elevasi air pada titik 140 cm



Lampiran 2

DATA CURAH HUJAN HARIAN

Tahun 2009

NAMA STASIUN	GUBENG	Wilayah Sungai	Surabaya	Kode Database	
Kode stasiun	129	Desa	Pacar Keling	Tahun pendirian	
Lintang Selatan	07.16,081	Kecamatan	GUBENG	Tipe Alat	Biasa(MRG)
Bujur Timur	112.45,017	Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya
Elevasi	13 m dpl				

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	5	6	20	4	0	0	0	0	0	0	0	0
2	2	39	10	17	0	6	0	0	0	0	0	0
3	13	27	0	25	0	0	0	0	0	0	0	0
4	4	0	0	1	0	3	0	0	0	0	0	13
5	30	34	30	0	0	0	0	0	0	0	0	13
6	14	0	40	0	0	0	0	0	0	0	0	10
7	0	6	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	58	44	0	0	2	0	0	0	0	0	0	0
10	0	0	0	0	30	73	0	0	0	0	0	0
11	0	0	0	0	53	5	0	0	0	0	0	0
12	36	0	60	0	11	0	0	0	0	0	0	29

13	23	0	0	0	6	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	8
15	0	30	0	0	0	0	0	0	0	0	0	7
16	0	21	0	0	3	0	0	0	0	0	0	30
17	22	6	0	0	5	0	0	0	0	0	0	57
18	7	0	0	0	3	5	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	9	68	0	4	30	0	0	0	0	0	0	28
21	33	2	0	10	2	0	0	0	0	0	70	35
22	0	10	0	12	0	0	0	0	0	0	0	0
23	0	4	0	0	9	0	0	0	0	0	0	31
24	0	6	0	0	0	0	0	0	0	0	0	0
25	24	1	0	0	7	0	0	0	0	0	0	0
26	19	75	0	0	13	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	4
28	0	55	0	43	0	0	0	0	0	0	86	0
29	0	0	0	0	0	0	0	0	0	0	66	13
30	0	0	0	0	0	0	0	0	0	0	2	0
31	59	0	0	0	7	0	0	0	0	0	0	3
BULANAN	358	434	160	116	181	92	0	0	0	0	224	281
Periode 1	126	156	100	47	32	82	0	0	0	0	0	36
Periode 2	97	125	60	4	111	10	0	0	0	0	0	159
Periode 3	135	153	0	65	38	0	0	0	0	0	224	86
Maksimum	59	75	60	43	53	73	0	0	0	0	86	57
Hari Hujan	16	17	5	8	14	5	0	0	0	0	4	14

DATA CURAH HUJAN HARIAN

Tahun 2009

NAMA STASIUN	KEPUTIH
Kode stasiun	134
Lintang Selatan	07.17,065
Bujur Timur	112.48,095
Elevasi	9,6 m dpl

Wilayah Sungai		Kode Database	
Desa		Tahun pendirian	
Kecamatan	SUKOLILO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	9	0	16	10	0	0	0	0	0	0	0	0
2	0	24	0	0	0	0	0	0	0	0	0	0
3	6	26	19	0	0	0	0	0	0	0	0	0
4	0	0	5	0	0	0	0	0	0	0	0	0
5	10	26	20	0	0	0	0	0	0	0	0	0
6	0	0	22	5	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	120	15	0	0	0	0	0	0	0	0	0	0
10	9	0	48	0	0	50	0	0	0	0	0	0
11	0	0	0	0	25	0	0	0	0	0	0	0
12	12	0	84	0	0	0	0	0	0	0	0	40
13	60	0	0	0	23	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	35
15	0	35	0	0	0	0	0	0	0	0	0	0
16	0	50	0	0	15	0	0	0	0	0	0	25
17	21	0	73	0	0	0	0	0	0	0	0	50
18	0	0	0	0	21	0	0	0	0	0	0	0

19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	18	8	0	0	0	0	0	0	0	0	40
21	10	15	0	10	0	0	0	0	0	0	12	25
22	0	30	0	15	0	0	0	0	0	0	0	0
23	0	15	0	0	23	0	0	0	0	0	0	50
24	0	12	0	0	0	0	0	0	0	0	0	0
25	0	20	0	0	0	0	0	0	0	0	0	0
26	0	21	0	0	0	0	0	0	0	0	0	0
27	0	50	0	0	0	0	0	0	0	0	0	0
28	0	16	0	10	0	0	0	0	0	0	16	0
29	0		0	0	0	0	0	0	0	0	0	15
30	0		20	0	0	0	0	0	0	0	0	15
31	81		5	0	0	0	0	0		0		0
BULANAN	338	373	320	50	107	50	0	0	0	0	28	295
Periode 1	154	91	130	15	0	50	0	0	0	0	0	0
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 2	93	103	165	0	84	0	0	0	0	0	0	190
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 3	91	179	25	35	23	0	0	0	0	0	28	105
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Maksimum	120	50	84	15	250	50	0	0	0	0	16	50
Hari Hujan	10	15	11	5	5	1	0	0	0	0	2	9

DATA CURAH HUJAN HARIAN

Tahun 2009

NAMA STASIUN	WONOKROMO
Kode stasiun	410
Lintang Selatan	07.17,967
Bujur Timur	112.44,359
Elevasi	14,9 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Ngagel	Tahun pendirian	
Kecamatan	WONOKROMO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	8	0	16	52	0	0	0	0	0	0	0	0
2	0	40	0	0	0	0	0	0	0	0	0	0
3	15	27	19	0	0	0	0	0	0	0	0	0
4	2	2	5	0	0	5	0	0	0	0	0	0
5	21	11	20	0	0	0	0	0	0	0	0	0
6	10	3	22	5	0	0	0	0	0	0	0	0
7	3	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	104	72	0	0	0	0	0	0	0	0	0	0
10	0	0	48	0	36	45	0	0	0	0	0	0
11	4	0	0	0	23	25	0	0	0	0	0	17
12	31	5	84	0	8	0	0	0	0	0	0	28
13	31	0	0	6	10	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	48
15	0	31	0	0	0	0	0	0	0	0	0	34
16	0	46	0	0	0	0	0	0	0	0	0	58
17	15	0	73	0	6	0	0	0	0	0	0	84
18	0	7	0	0	14	0	0	0	0	0	0	0

19	0	0	0	1	22	0	0	0	0	0	0	0
20	12	20	8	18	6	0	0	0	0	0	0	0
21	10	8	0	12	0	0	0	0	0	0	0	60
22	0	38	0	0	0	0	0	0	0	0	36	0
23	0	6	0	0	5	0	0	0	0	0	0	5
24	35	4	0	0	0	0	0	0	0	0	0	0
25	0	6	0	6	0	0	0	0	0	0	0	0
26	0	71	0	0	25	0	0	0	0	0	34	0
27	0	2	0	16	0	0	0	0	0	0	18	9
28	0	41	0	0	5	0	0	0	0	0	12	0
29	0		0	1	0	0	0	0	0	0	0	85
30	0		20	0	0	0	0	0	0	0	0	0
31	74		5		10		0			0		5
BULANAN	375	440	320	117	170	75	0	0	0	0	100	433
Periode 1	163	155	130	57	36	50	0	0	0	0	0	0
Periode 2	93	109	165	25	89	25	0	0	0	0	0	269
Periode 3	119	176	25	35	45	0	0	0	0	0	100	164
Maksimum	104	72	84	52	36	45	0	0	0	0	36	85
Hari Hujan	15	19	11	9	12	3	0	0	0	0	4	11

PRO PATRIA

SURABAYA

DATA CURAH HUJAN HARIAN

Tahun 2010

NAMA STASIUN	GUBENG
Kode stasiun	129
Lintang Selatan	07.16,081
Bujur Timur	112.45,017
Elevasi	13 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Pacar Keling	Tahun pendirian	
Kecamatan	GUBENG	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	0	0	15	34	0	0	0	0	0	0	3	19
2	5	12	35	0	0	0	0	0	0	0	0	6
3	0	46	0	0	0	0	9	0	0	0	4	106
4	0	31	8	0	0	0	6	11	0	0	0	0
5	3	9	60	3	15	11	1	0	0	0	2	0
6	18	24	20	44	0	0	0	0	37	0	22	56
7	13	21	14	17	0	0	0	0	0	0	0	0
8	0	33	7	17	27	12	0	0	2	15	14	0
9	0	0	0	60	8	22	0	0	0	16	0	0
10	0	0	6	6	4	0	6	0	0	0	8	37
11	34	0	0	0	0	0	0	0	8	0	0	0
12	5	7	0	0	0	0	8	0	7	0	0	2
13	13	5	0	7	0	2	0	0	0	3	0	0
14	0	27	0	0	0	0	0	0	0	6	0	0
15	0	5	0	0	8	0	0	0	0	62	0	6
16	0	0	0	0	5	0	0	0	0	0	0	9
17	0	0	0	0	14	0	0	0	9	36	0	0
18	0	0	0	0	0	0	0	0	0	0	0	4

19	0	58	7	6	1	0	0	0	0	0	0	0
20	16	83	0	7	15	0	0	0	0	8	6	6
21	60	17	0	0	29	0	0	0	0	0	0	0
22	34	40	14	14	20	0	0	0	0	16	0	0
23	0	27	8	8	2	0	0	0	0	0	0	16
24	65	29	56	56	23	0	0	14	0	0	0	60
25	34	23	20	20	31	0	0	0	0	0	14	0
26	20	28	0	0	0	0	28	0	0	0	0	21
27	2	13	44	6	0	0	7	0	0	0	0	8
28	2	18	0	44	0	0	5	0	0	0	0	0
29	0		0	41	0	0	0	0	0	12	0	0
30	0		0	2	0	0	0	0	0	0	9	0
31	0		31		7		0	25		0		4
BULANAN	324	556	345	392	209	47	70	50	63	174	82	360
Periode 1	39	176	165	181	54	45	22	11	39	31	53	224
Periode 2	68	185	7	20	43	2	8	0	24	115	6	27
Periode 3	217	195	173	191	112	0	40	39	0	28	23	109
Maksimum	65	83	60	60	31	22	28	25	37	62	22	106
Hari Hujan	15	21	15	18	15	4	8	3	5	9	9	15

DATA CURAH HUJAN HARIAN

Tahun 2010

NAMA STASIUN	KEPUTIH
Kode stasiun	134
Lintang Selatan	07.17,065
Bujur Timur	112.48,095
Elevasi	9,6 m dpl

Wilayah Sungai		Kode Database	
Desa		Tahun pendirian	
Kecamatan	SUKOLILO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	25	0	26	25	15	0	0	0	0	0	9	10
2	30	10	30	0	0	0	0	0	0	0	0	0
3	0	42	25	25	25	0	9	0	0	0	6	90
4	0	35	20	0	0	13	6	0	0	0	3	10
5	25	40	20	0	20	15	1	0	0	0	10	5
6	40	30	25	35	0	0	0	0	25	0	15	40
7	14	15	40	20	0	15	0	0	15	0	46	0
8	0	30	0	0	21	25	0	0	0	21	0	0
9	0	0	0	25	10	20	0	0	0	27	0	0
10	15	0	12	0	15	0	6	0	0	0	0	10
11	10	0	0	25	15	15	0	0	0	0	10	0
12	0	8	0	30	0	0	8	0	15	0	0	5
13	25	6	0	20	30	0	0	0	0	0	0	0
14	0	10	0	15	10	0	0	0	0	0	0	0
15	0	0	0	15	15	0	0	0	0	46	0	5
16	0	0	0	30	10	0	0	0	0	18	0	0
17	0	0	0	10	25	0	0	0	0	3	0	7
18	0	25	30	20	0	0	0	0	0	0	0	5

19	15	46	25	0	15	0	0	0	0	0	0	0
20	20	25	0	0	20	0	0	0	10	0	5	10
21	40	20	10	0	0	0	0	0	8	0	6	0
22	25	0	0	15	15	0	0	0	15	0	0	0
23	0	26	0	20	25	0	0	0	14	0	0	10
24	40	20	45	30	35	0	0	10	0	0	0	0
25	40	0	52	25	15	0	0	0	15	0	10	0
26	25	26	0	20	0	0	0	0	0	0	0	12
27	28	32	0	15	0	0	6	0	0	0	0	5
28	5	35	20	20	0	0	0	0	0	0	0	0
29	5		0	0	0	0	0	0	0	8	0	0
30	0		15	0	0	0	0	0	0	0	5	0
31	0		0	0	0	0	0	0		19		0
BULANAN	427	481	395	440	336	103	36	10	117	142	125	224
Periode 1	149	202	198	130	106	88	22	0	40	48	89	165
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 2	70	120	55	165	140	15	8	0	25	67	15	32
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 3	208	159	142	145	90	0	6	10	52	27	21	27
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Maksimum	40	46	52	35	35	25	9	10	25	46	46	90
Hari Hujan	18	19	15	20	18	6	6	1	8	7	11	14

DATA CURAH HUJAN HARIAN

Tahun 2010

NAMA STASIUN	WONOKROMO
Kode stasiun	410
Lintang Selatan	07.17,967
Bujur Timur	112.44,359
Elevasi	14,9 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Ngagel	Tahun pendirian	
Kecamatan	WONOKROMO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	45	0	16	24	13	0	0	0	0	0	18	15
2	35	18	10	8	0	0	0	0	0	0	0	0
3	0	58	12	22	37	0	13	0	0	0	0	110
4	0	60	0	0	0	3	0	0	0	0	0	21
5	5	26	28	0	0	7	0	0	0	0	15	0
6	0	46	14	53	0	6	0	0	20	0	16	56
7	0	27	3	0	0	20	0	0	12	0	53	0
8	38	13	0	3	0	0	0	0	0	0	0	0
9	3	14	0	0	10	17	0	0	0	9	0	0
10	0	3	15	4	45	0	15	0	0	0	0	9
11	40	6	0	23	14	7	0	0	3	0	12	0
12	5	7	12	42	3	0	5	0	11	0	0	0
13	4	19	0	10	25	0	0	0	4	3	0	0
14	0	4	0	15	8	0	0	0	6	0	0	4
15	0	20	0	15	0	0	0	0	0	0	0	17
16	0	0	0	75	0	0	0	0	7	58	0	0
17	0	0	0	6	22	0	0	0	0	15	14	9
18	0	5	0	21	0	0	0	0	18	38	0	0

19	0	40	42	0	5	0	0	0	0	0	0	0
20	40	75	30	4	12	0	0	0	6	0	0	18
21	48	20	17	0	0	0	0	0	4	12	22	0
22	15	0	0	10	20	0	0	0	6	38	0	0
23	20	75	0	15	23	0	0	0	8	0	0	12
24	30	0	56	4	49	0	0	12	11	0	0	42
25	38	0	69	21	18	0	0	0	0	0	10	0
26	30	50	0	23	0	0	0	0	0	0	0	37
27	5	13	0	20	0	0	0	0	0	0	0	12
28	17	0	20	15	0	0	0	0	0	0	0	0
29	0		0	0	0	0	0	0	0	8	0	0
30	17		0	0	0	0	0	0	0	0	11	0
31	19		0		3		0	0		30		0
BULANAN	454	599	344	433	307	60	33	12	116	211	171	362
Periode 1	126	265	98	114	105	53	28	0	32	9	102	211
Periode 2	89	176	84	211	89	7	5	0	55	114	26	48
Periode 3	239	158	162	108	113	0	0	12	29	88	43	103
Maksimum	48	75	69	75	49	20	15	12	20	58	53	110
Hari Hujan	19	21	14	22	16	6	3	1	13	9	9	13

DATA CURAH HUJAN HARIAN

Tahun 2011

NAMA STASIUN	GUBENG
Kode stasiun	129
Lintang Selatan	07.16,081
Bujur Timur	112.45,017
Elevasi	13 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Pacar Keling	Tahun pendirian	
Kecamatan	GUBENG	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	6	42	0	7	37	0	0	0	0	0	0	0
2	11	36	34	37	2	0	0	0	0	0	0	27
3	11	12	0	0	13	0	0	0	0	0	21	42
4	9	0	4	0	0	0	0	0	0	0	0	0
5	0	0	0	7	29	0	0	0	0	0	0	52
6	25	0	0	16	29	0	0	0	0	0	0	0
7	0	0	23	14	0	0	0	0	0	0	0	8
8	29	26	24	0	0	0	0	0	0	0	0	4
9	0	0	18	7	6	0	0	0	0	0	81	0
10	41	0	0	0	0	0	0	0	0	21	0	0
11	0	0	0	31	4	0	0	0	0	0	0	0
12	0	24	78	8	24	0	0	0	0	0	0	26
13	0	12	33	0	0	0	0	0	0	0	11	0
14	16	39	7	17	12	0	0	0	0	0	0	58
15	0	0	3	0	6	0	0	0	0	0	0	0
16	0	0	0	5	13	0	0	0	0	0	0	58
17	8	0	19	4	0	0	0	0	0	0	0	0
18	0	12	0	0	0	0	6	0	0	0	19	58

19	0	0	0	74	0	0	0	0	0	0	0	2
20	12	0	9	0	7	0	0	0	0	0	0	0
21	0	8	12	0	0	0	0	0	0	0	0	18
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	16	23	24	0	0	0	0	0	0	32	0
24	4	6	0	0	0	0	0	0	0	0	0	16
25	15	0	25	7	7	0	0	0	0	0	0	40
26	21	10	26	0	0	0	0	0	0	0	0	17
27	0	0	29	0	0	0	0	0	0	18	0	36
28	0	0	0	0	0	0	0	0	0	0	48	0
29	6		37	29	29	0	0	0	0	0	3	0
30	18		0	30	30	0	0	0	0	12	74	0
31	26		13		0		0	0		0		43
BULANAN	258	243	417	317	248	0	6	0	0	51	289	505
Periode 1	132	116	103	88	116	0	0	0	0	21	102	133
Periode 2	36	87	149	139	66	0	6	0	0	0	30	202
Periode 3	90	40	165	90	66	0	0	0	0	30	157	170
Maksimum	41	42	78	74	37	0	6	0	0	21	81	58
Hari Hujan	16	12	18	16	15	0	1	0	0	3	8	16

DATA CURAH HUJAN HARIAN

Tahun 2011

NAMA STASIUN	KEPUTIH
Kode stasiun	134
Lintang Selatan	07.17,065
Bujur Timur	112.48,095
Elevasi	9,6 m dpl

Wilayah Sungai		Kode Database	
Desa		Tahun pendirian	
Kecamatan	SUKOLILO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	12	24	0	15	43	0	0	0	0	0	0	0
2	7	23	28	32	8	0	0	0	0	0	0	18
3	8	22	0	0	19	0	0	0	0	0	19	60
4	16	0	8	21	0	0	0	0	0	0	0	0
5	0	0	0	9	17	0	0	0	0	0	7	37
6	14	0	0	21	21	0	0	0	0	0	0	0
7	0	0	16	12	0	0	0	0	0	0	41	0
8	35	19	19	14	0	0	0	0	0	0	0	0
9	0	0	7	13	8	0	0	0	0	0	72	0
10	29	0	0	7	0	0	0	0	0	22	0	0
11	0	0	0	29	0	0	0	0	0	0	0	0
12	0	29	65	16	18	0	0	0	0	0	0	24
13	0	18	42	0	0	0	0	0	0	0	8	0
14	14	22	9	19	8	0	0	0	0	0	0	0
15	0	0	5	0	0	0	0	0	0	0	0	0
16	0	0	0	0	7	0	0	0	0	0	0	62
17	10	0	23	0	0	0	0	0	0	0	0	0
18	0	9	0	0	0	0	0	0	0	0	26	42

19	0	0	0	62	0	0	0	0	0	0	0	7
20	8	0	12	0	0	0	0	0	0	0	0	0
21	0	0	0	8	0	0	0	0	0	0	0	26
22	0	0	0	0	0	0	0	0	0	0	0	3
23	8	22	21	0	0	0	0	0	0	0	29	0
24	0	0	0	0	0	0	0	0	0	0	0	14
25	10	0	27	0	16	0	0	0	0	0	0	24
26	16	18	31	35	0	0	0	0	0	0	0	12
27	0	0	34	0	0	0	0	0	0	14	0	29
28	0	0	0	0	0	0	0	0	0	0	62	0
29	9		29	24	19	0	0	0	0	0	7	0
30	24		0	29	24	0	0	0	0	8	67	0
31	22		10	0	0	0	0	0	0	0		63
BULANAN	242	206	386	366	208	0	0	0	0	44	338	421
Periode 1	121	88	78	144	116	0	0	0	0	22	139	115
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 2	32	78	156	126	33	0	0	0	0	0	34	135
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 3	89	40	152	96	59	0	0	0	0	22	165	171
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Maksimum	35	29	65	62	43	0	0	0	0	22	72	63
Hari Hujan	16	10	17	17	12	0	0	0	0	3	10	14

DATA CURAH HUJAN HARIAN

Tahun 2011

NAMA STASIUN	WONOKROMO				
Kode stasiun	410	Wilayah Sungai	Surabaya	Kode Database	
Lintang Selatan	07.17,967	Desa	Ngagel	Tahun pendirian	
Bujur Timur	112.44,359	Kecamatan	WONOKROMO	Tipe Alat	Biasa(MRG)
Elevasi	14,9 m dpl	Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	26	50	40	21	72	0	0	0	0	0	0	0
2	0	38	4	39	8	0	0	0	0	0	0	29
3	20	0	0	3	29	0	0	0	0	0	15	0
4	15	14	0	17	0	0	0	0	0	0	0	0
5	0	0	0	0	25	0	0	0	0	0	0	43
6	0	0	0	8	26	0	0	0	0	0	0	0
7	0	0	11	31	0	0	0	0	0	0	0	13
8	3	32	0	0	0	0	0	0	0	0	22	0
9	2	0	0	0	4	0	0	0	0	0	98	0
10	12	23	0	0	0	0	0	0	0	20	0	0
11	0	0	0	34	0	0	0	0	0	0	0	0
12	0	25	82	0	18	0	0	0	0	0	0	20
13	0	14	59	52	0	0	0	0	0	0	7	0
14	18	45	6	0	8	0	0	0	0	0	0	0
15	0	0	5	0	0	0	0	0	0	0	0	0

16	0	14	0	0	0	0	0	0	0	0	0	52
17	4	0	28	0	0	0	0	0	0	0	0	0
18	0	8	0	0	0	0	0	0	0	0	22	33
19	0	5	0	29	0	0	0	0	0	0	0	0
20	10	0	9	0	11	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	3	11
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	12	0	0	0	0	0	0	0	0	37	0
24	0	10	0	0	0	0	0	0	0	0	0	9
25	13	0	26	0	0	0	0	0	0	0	0	31
26	24	0	53	44	0	0	0	0	0	0	0	19
27	0	0	0	12	0	0	0	0	0	17	0	31
28	7	0	0	0	0	0	0	0	0	0	20	0
29	0		31	15	27	0	0	0	0	0	0	0
30	0		0	22	0	0	0	0	0	0	14	0
31	33		0		0		0		0			58
BULANAN	187	290	354	327	228	0	0	0	0	37	238	349
Periode 1	78	157	55	119	164	0	0	0	0	20	135	85
Periode 2	32	111	189	115	37	0	0	0	0	0	29	105
Periode 3	77	22	110	93	27	0	0	0	0	17	74	159
Maksimum	33	50	82	52	72	0	0	0	0	20	98	58
Hari Hujan	13	13	12	13	10	0	0	0	0	2	9	12

DATA CURAH HUJAN HARIAN

Tahun 2012

NAMA STASIUN	GUBENG
Kode stasiun	129
Lintang Selatan	07.16,081
Bujur Timur	112.45,017
Elevasi	13 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Pacar Keling	Tahun pendirian	
Kecamatan	GUBENG	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	69	16	12	0	0	0	0	0	0	0	0	46
2	53	18	0	8	0	0	0	0	0	2	0	29
3	0	39	6	0	5	0	0	0	0	0	0	34
4	0	9	0	0	11	0	0	0	0	0	0	0
5	32	0	0	24	0	0	0	0	0	0	0	19
6	29	0	17	0	0	14	0	0	0	0	0	0
7	0	11	2	0	0	0	0	0	0	0	5	0
8	0	47	0	16	18	0	0	0	0	0	16	0
9	0	8	0	0	0	0	0	0	0	0	0	0
10	37	19	25	0	0	0	0	0	0	0	0	42
11	0	16	0	0	0	0	0	0	0	0	0	36
12	13	0	0	0	0	0	0	0	0	8	0	0
13	6	3	16	0	0	0	0	0	0	0	0	0
14	10	9	12	0	19	0	0	0	0	0	0	0
15	58	60	7	0	14	0	0	0	0	0	0	2
16	70	55	6	11	0	0	0	0	0	0	9	1
17	20	0	14	0	0	0	0	0	0	0	0	8
18	15	3	11	0	0	0	0	0	0	0	0	30

19	0	0	0	0	0	0	0	0	0	0	0	0
20	70	3	21	0	0	0	0	0	0	0	30	36
21	0	6	0	19	0	0	0	0	0	0	0	10
22	15	0	0	0	0	0	0	0	0	0	0	29
23	9	0	0	0	0	0	0	0	0	0	0	22
24	10	0	8	0	0	0	0	0	0	24	0	19
25	12	36	4	0	0	0	0	0	0	0	0	17
26	0	20	2	0	0	0	0	0	0	0	0	0
27	0	0	21	5	0	0	0	0	0	0	0	68
28	0	11	0	0	0	0	0	0	0	0	0	41
29	12	0	0	0	0	0	0	0	0	0	0	19
30	57		0	0	21	0	0	0	0	0	0	24
31	0		0		0		0			0		53
BULANAN	597	389	184	83	88	14	0	0	0	34	60	585
Periode 1	220	167	62	48	34	14	0	0	0	2	21	170
Periode 2	262	149	87	11	33	0	0	0	0	8	39	113
Periode 3	115	73	35	24	21	0	0	0	0	24	0	302
Maksimum	70	60	25	24	21	14	0	0	0	24	30	68
Hari Hujan	19	19	16	6	6	1	0	0	0	3	4	21

DATA CURAH HUJAN HARIAN

Tahun 2012

NAMA STASIUN	KEPUTIH
Kode stasiun	134
Lintang Selatan	07.17,065
Bujur Timur	112.48,095
Elevasi	9,6 m dpl

Wilayah Sungai		Kode Database	
Desa		Tahun pendirian	
Kecamatan	SUKOLILO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	72	11	15	0	0	0	0	0	0	0	0	47
2	49	10	0	8	0	0	0	0	0	0	0	31
3	0	24	0	0	9	0	0	0	0	0	0	24
4	0	10	0	0	0	0	0	0	0	0	0	0
5	33	0	0	19	0	0	0	0	0	0	0	40
6	24	0	25	0	0	0	0	0	0	0	0	0
7	0	9	12	0	0	0	0	0	0	0	0	0
8	0	67	0	30	0	0	0	0	0	0	10	0
9	0	5	0	0	0	0	0	0	0	0	0	0
10	32	13	0	0	0	0	0	0	0	0	0	21
11	0	27	0	0	0	0	0	0	0	0	0	22
12	6	21	0	0	0	0	0	0	0	4	0	0
13	0	9	19	0	0	0	0	0	0	0	0	0
14	0	7	11	0	24	0	0	0	0	0	0	0
15	52	10	7	22	17	0	0	0	0	0	0	28
16	61	55	5	0	0	0	0	0	0	0	0	0
17	20	0	14	0	0	0	0	0	0	0	0	11
18	16	3	20	0	0	0	0	0	0	0	13	10

19	0	0	0	0	0	0	0	0	0	0	5	0
20	55	3	21	0	0	0	0	0	0	0	47	10
21	0	4	0	19	0	0	0	0	0	0	0	18
22	7	0	0	0	0	0	0	0	0	0	0	15
23	6	0	0	0	0	0	0	0	0	0	0	16
24	4	0	7	0	0	0	0	0	0	0	0	0
25	9	38	0	0	0	0	0	0	0	0	0	0
26	0	19	5	0	0	0	0	0	0	0	0	26
27	0	0	35	4	0	0	0	0	0	0	0	64
28	0	23	0	0	0	0	0	0	0	0	0	30
29	0	0	0	0	0	0	0	0	0	0	0	20
30	85	0	0	0	0	0	0	0	0	0	0	45
31	20	0	0	0	0	0	0	0	0	0	0	48
BULANAN	551	368	196	102	50	0	0	0	0	4	75	526
Periode 1	210	149	52	57	9	0	0	0	0	0	10	163
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 2	210	135	97	22	41	0	0	0	0	4	65	81
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 3	131	84	47	23	0	0	0	0	0	0	0	282
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Maksimum	85	67	35	30	24	0	0	0	0	4	47	64
Hari Hujan	17	20	13	6	3	0	0	0	0	1	4	19

DATA CURAH HUJAN HARIAN

Tahun 2012

NAMA STASIUN	WONOKROMO
Kode stasiun	410
Lintang Selatan	07.17,967
Bujur Timur	112.44,359
Elevasi	14,9 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Ngagel	Tahun pendirian	
Kecamatan	WONOKROMO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	106	11	15	0	0	0	0	0	0	0	0	37
2	18	9	0	9	0	0	0	0	0	0	0	29
3	0	0	0	0	10	0	0	0	0	0	0	47
4	0	23	0	0	0	0	0	0	0	0	0	0
5	32	0	0	19	0	0	0	0	0	0	0	5
6	21	0	23	0	0	11	0	0	0	0	0	0
7	0	5	15	0	0	0	0	0	0	0	0	0
8	0	24	10	14	0	0	0	0	0	0	0	0
9	0	5	8	0	0	0	0	0	0	0	0	0
10	23	17	0	0	0	0	0	0	0	0	0	22
11	0	44	0	0	0	0	0	0	0	0	0	24
12	7	24	0	0	0	0	0	0	0	6	0	0
13	0	12	18	0	0	0	0	0	0	0	0	0
14	0	15	11	0	6	0	0	0	0	0	0	0
15	58	0	7	18	19	0	0	0	0	0	0	25
16	65	45	6	0	0	0	0	0	0	0	0	0
17	0	0	15	0	0	0	0	0	0	0	0	11
18	17	2	21	0	0	0	0	0	0	0	27	11

19	0	0	0	0	0	0	0	0	0	0	3	0
20	83	4	20	0	0	0	0	0	0	0	41	29
21	0	4	0	0	0	0	0	0	0	0	0	6
22	3	0	0	0	0	0	0	0	0	0	0	0
23	6	0	0	0	0	0	0	0	0	0	0	0
24	5	0	9	0	0	0	0	0	0	0	0	0
25	17	39	0	0	0	0	0	0	0	0	0	21
26	0	18	5	0	0	0	0	0	0	0	0	0
27	0	0	33	4	0	0	0	0	0	0	0	63
28	0	23	0	0	0	0	0	0	0	8	0	34
29	0	0	0	0	0	0	0	0	0	0	0	21
30	65	0	0	0	18	0	0	0	0	0	0	45
31	18	0	0	0	0	0	0	0	0	0	0	62
BULANAN	544	324	216	64	53	11	0	0	0	14	71	492
Periode 1	200	94	71	42	10	11	0	0	0	0	0	140
Periode 2	230	146	98	18	25	0	0	0	0	6	71	100
Periode 3	114	84	47	4	18	0	0	0	0	8	0	252
Maksimum	106	45	33	19	19	11	0	0	0	8	41	63
Hari Hujan	16	18	15	5	4	1	0	0	0	2	3	17

DATA CURAH HUJAN HARIAN

Tahun 2013

NAMA STASIUN	GUBENG
Kode stasiun	129
Lintang Selatan	07.16,081
Bujur Timur	112.45,017
Elevasi	13 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Pacar Keling	Tahun pendirian	
Kecamatan	GUBENG	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	34	40	76	72	10	0	0	0	0	0	0	34
2	99	48	0	0	0	0	0	0	0	0	0	99
3	17	30	8	0	0	15	65	0	0	0	0	17
4	71	0	12	10	0	0	0	0	0	0	0	71
5	19	0	6	0	0	0	0	0	0	0	0	19
6	7	0	48	35	0	25	0	0	0	0	0	7
7	36	0	0	0	0	0	0	0	0	0	0	36
8	0	0	17	25	26	0	0	0	0	0	0	0
9	0	0	0	0	14	17	0	0	0	0	0	0
10	0	0	10	20	17	0	0	0	0	0	0	0
11	4	0	79	0	0	0	0	0	0	0	0	4
12	0	0	12	0	20	0	0	0	0	0	0	0
13	0	0	41	12	0	5	0	0	0	0	0	0
14	5	4	19	6	52	40	0	0	0	0	0	5
15	64	10	42	20	0	0	4	0	0	0	17	64
16	5	30	12	21	0	0	0	0	0	0	24	5
17	16	32	17	0	17	0	0	0	0	0	18	16
18	7	3	24	0	56	51	0	0	0	0	9	7

19	10	0	37	10	39	0	0	0	0	0	0	10
20	58	3	79	8	26	0	0	0	0	0	26	58
21	4	6	0	11	16	0	0	0	0	0	0	4
22	36	0	0	0	0	0	0	0	0	0	12	36
23	0	0	0	90	0	5	0	0	0	0	9	0
24	0	0	15	0	87	0	16	0	0	0	0	0
25	0	36	0	0	0	0	5	0	0	0	47	0
26	0	20	0	0	0	8	0	0	0	0	0	0
27	0	0	3	7	60	12	0	0	0	0	0	0
28	0	11	17	0	27	42	0	0	0	0	16	0
29	0		32	0	0	0	0	0	0	0	10	0
30	0		0	2	0	0	0	0	0	0	21	0
31	0		0		0	0	0	0		0		0
BULANAN	492	273	606	349	467	220	90	0	0	0	209	492
Periode 1	283	118	177	162	67	57	65	0	0	0	0	283
Periode 2	169	82	362	77	210	96	4	0	0	0	94	169
Periode 3	40	73	67	110	190	67	21	0	0	0	115	40
Maksimum	99	48	79	90	87	51	65	0	0	0	47	99
Hari Hujan	17	13	21	15	14	10	4	0	0	0	11	17

DATA CURAH HUJAN HARIAN

Tahun 2013

NAMA STASIUN	KEPUTIH
Kode stasiun	134
Lintang Selatan	07.17,065
Bujur Timur	112.48,095
Elevasi	9,6 m dpl

Wilayah Sungai		Kode Database	
Desa		Tahun pendirian	
Kecamatan	SUKOLILO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	38	0	0	30	10	0	0	0	0	0	0	0
2	30	8	0	10	0	0	0	0	0	0	0	15
3	12	15	8	0	0	15	65	0	0	0	0	0
4	65	25	12	12	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	31
6	0	0	10	30	0	25	0	0	0	0	0	10
7	22	0	0	0	0	17	0	0	0	0	0	0
8	0	0	0	20	0	0	0	0	0	0	0	25
9	0	0	10	22	20	5	0	0	0	0	0	6
10	0	0	18	0	12	0	0	0	0	0	0	5
11	0	7	22	0	0	0	0	0	0	0	0	10
12	0	0	35	0	18	0	0	0	0	0	0	15
13	0	0	20	12	0	0	0	0	0	0	0	20
14	0	20	25	6	47	5	0	0	0	0	0	40
15	42	19	40	20	0	39	0	0	0	0	5	20
16	0	0	25	25	0	0	0	0	0	0	10	62
17	0	45	21	0	0	0	0	0	0	0	5	30
18	26	0	20	0	0	52	0	0	0	0	0	0

19	47	0	35	8	0	0	0	0	0	0	0	0
20	0	0	0	7	19	0	0	0	0	0	15	0
21	22	0	0	5	8	0	0	0	0	0	0	0
22	30	0	0	0	10	0	7	0	0	0	10	0
23	14	0	0	80	12	0	0	0	0	0	0	0
24	0	0	0	0	70	0	0	0	0	0	0	0
25	11	25	0	0	0	0	0	0	0	0	7	0
26	0	10	0	0	0	8	0	0	0	0	30	0
27	62	50	0	0	42	15	0	0	0	0	0	0
28	66	38	53	5	25	41	0	0	0	0	15	0
29	58		25	0	0	0	0	0	0	0	20	0
30	0		0	0	0	0	0	0	0	0	0	0
31	0		0	0	0	0	0	0		0		0
BULANAN	545	262	379	292	293	222	72	0	0	0	117	289
Periode 1	167	48	58	124	42	62	65	0	0	0	0	92
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 2	115	91	243	78	84	96	0	0	0	0	35	197
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 3	263	123	78	90	167	64	7	0	0	0	82	0
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Maksimum	66	50	53	80	70	52	65	0	0	0	30	62
Hari Hujan	15	11	16	15	12	10	2	0	0	0	9	13

DATA CURAH HUJAN HARIAN

Tahun 2013

NAMA STASIUN	WONOKROMO
Kode stasiun	410
Lintang Selatan	07.17,967
Bujur Timur	112.44,359
Elevasi	14,9 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Ngagel	Tahun pendirian	
Kecamatan	WONOKROMO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	42	49	73	37	15	0	0	0	0	0	0	0
2	58	17	0	15	0	0	0	0	0	0	0	22
3	12	23	6	0	0	15	68	0	0	0	0	0
4	62	27	7	11	0	0	0	0	0	0	0	0
5	0	0	11	0	0	0	0	0	0	0	0	33
6	0	0	0	35	0	25	0	0	0	0	0	8
7	42	0	17	0	0	17	0	0	0	0	0	11
8	0	0	9	23	0	0	0	0	0	0	0	13
9	0	0	17	0	24	5	0	0	0	0	0	0
10	0	0	63	19	12	0	0	0	0	0	0	0
11	0	8	35	0	0	0	0	0	0	0	0	6
12	0	0	20	0	21	0	0	0	0	0	0	6
13	0	0	11	12	0	0	0	0	0	0	0	13
14	0	35	58	5	39	5	0	0	0	0	0	15
15	39	0	30	20	0	39	0	0	0	0	0	23
16	0	22	22	26	0	0	0	0	0	0	5	42
17	0	18	23	0	0	0	0	0	0	0	10	23
18	41	21	35	0	0	52	0	0	0	0	5	63

19	21	0	0	9	0	0	0	0	0	0	0	35
20	32	0	0	5	20	0	0	0	0	0	17	32
21	27	0	0	7	7	0	0	0	0	0	0	17
22	16	0	0	0	10	0	0	0	0	0	8	8
23	14	0	0	87	20	0	0	0	0	0	8	31
24	0	7	0	0	65	0	0	0	0	0	0	0
25	9	20	0	0	0	0	0	0	0	0	35	0
26	0	15	0	0	0	8	0	0	0	0	0	0
27	72	53	0	0	41	15	0	0	0	0	0	0
28	68	31	53	0	23	41	0	0	0	0	15	0
29	60		25	0	0	0	0	0	0	0	22	0
30	0		0	5	0	0	0	0	0	0	0	0
31	0		0	0	0	0	0	0	0	0	0	0
BULANAN	615	346	515	316	297	222	68	0	0	0	125	401
Periode 1	216	116	203	140	51	62	68	0	0	0	0	87
Periode 2	133	104	234	77	80	96	0	0	0	0	37	258
Periode 3	266	126	78	99	166	64	0	0	0	0	88	56
Maksimum	72	53	73	87	65	52	68	0	0	0	35	63
Hari Hujan	16	14	18	15	12	10	1	0	0	0	9	18

DATA CURAH HUJAN HARIAN

Tahun 2014

NAMA STASIUN	GUBENG
Kode stasiun	129
Lintang Selatan	07.16,081
Bujur Timur	112.45,017
Elevasi	13 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Pacar Keling	Tahun pendirian	
Kecamatan	GUBENG	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	0	0	12	14	0	0	0	0	0	0	0	0
2	0	7	24	27	0	0	0	0	0	0	0	0
3	21	14	21	16	12	0	0	0	0	0	0	0
4	54	0	41	32	10	0	0	0	0	0	0	0
5	0	0	78	45	0	0	0	0	0	0	0	0
6	19	0	14	6	0	0	17	0	0	0	0	61
7	31	0	0	2	0	0	0	0	0	0	0	41
8	9	0	0	0	0	0	0	0	0	0	0	0
9	0	0	29	0	0	0	0	0	0	0	0	24
10	16	0	68	0	0	16	0	0	0	0	0	0
11	0	0	33	0	0	24	0	0	0	0	0	37
12	15	17	14	4	0	0	0	0	0	0	0	0
13	0	0	49	7	13	0	0	0	0	0	0	0
14	0	41	55	0	0	0	0	0	0	0	0	0
15	5	19	0	5	7	17	0	0	0	0	0	0
16	6	0	0	12	6	0	0	0	0	0	24	0
17	0	78	7	5	0	0	0	0	0	0	14	24
18	6	9	9	0	0	7	0	0	0	0	0	41

19	0	14	12	7	0	0	0	0	0	0	9	109
20	9	21	0	2	0	0	0	0	0	0	0	0
21	0	54	6	11	0	0	0	0	0	0	0	18
22	0	0	0	27	16	21	0	0	0	0	0	11
23	0	17	0	4	0	0	0	0	0	0	0	6
24	0	0	0	16	12	0	0	0	0	0	18	0
25	0	0	0	0	24	0	24	0	0	0	0	19
26	16	14	0	29	0	0	0	0	0	0	0	9
27	24	0	0	7	0	0	0	0	0	0	0	14
28	0	19	0	0	0	0	0	0	0	0	0	4
29	4		40	9	0	0	0	0	0	0	0	17
30	9		17	2	0	7	0	0	0	0	24	8
31	0		8		0		0	0		0		0
BULANAN	244	324	537	289	100	92	41	0	0	0	89	443
Periode 1	150	21	287	142	22	16	17	0	0	0	0	126
Periode 2	41	199	179	42	26	48	0	0	0	0	47	211
Periode 3	53	104	71	105	52	28	24	0	0	0	42	106
Maksimum	54	78	78	45	24	24	24	0	0	0	24	109
Hari Hujan	15	13	19	22	8	6	2	0	0	0	5	16

DATA CURAH HUJAN HARIAN

Tahun 2014

NAMA STASIUN	KEPUTIH
Kode stasiun	134
Lintang Selatan	07.17,065
Bujur Timur	112.48,095
Elevasi	9,6 m dpl

Wilayah Sungai		Kode Database	
Desa		Tahun pendirian	
Kecamatan	SUKOLILO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	0	5	14	19	0	0	0	0	0	0	0	0
2	0	10	20	20	0	0	0	0	0	0	0	1.5
3	22	15	25	25	0	0	0	0	0	0	0	0
4	65	0	30	30	0	0	0	0	0	0	0	0
5	9	0	64	60	0	0	0	0	0	0	0	22
6	15	0	18	19	0	0	0	0	0	0	0	10
7	14	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	25
9	0	0	26	0	0	0	0	0	0	0	0	6
10	15	5	58	0	0	0	0	0	0	0	0	5
11	0	0	12	0	0	0	0	0	0	0	0	10
12	0	10	28	0	0	0	0	0	0	0	0	15
13	12	0	56	0	0	0	0	0	0	0	0	20
14	0	0	67	0	0	0	0	0	0	0	0	40
15	0	40	0	0	0	0	0	0	0	0	0	20
16	5	15	3	0	0	0	0	0	0	0	12	62
17	0	70	4	0	0	0	0	0	0	0	0	30.5
18	5	14	2	0	0	0	0	0	0	0	0	0

19	0	15	10	0	0	0	0	0	0	0	5.5	134
20	8	10	0	0	0	0	0	0	0	0	7	0
21	0	40	7	0	0	0	0	0	0	0	0	13.5
22	0	50	0	0	0	0	0	0	0	0	0	6.5
23	0	20	0	0	0	0	0	0	0	0	5	8
24	0	0	0	0	0	0	0	0	0	0	0	1.5
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	8	0	0	0	0	0	0	0	0	14	12.5
27	30	0	0	0	0	0	0	0	0	0	15	23
28	6	20	0	0	0	0	0	0	0	0	0	11
29	5		31	0	0	0	0	0	0	0	30	8
30	0		19	0	0	0	0	0	0	0	1	49
31	0		10	0	0	0	0	0		0		0
BULANAN	211	347	504	173	0	0	0	0	0	0	90	534
Periode 1	140	35	255	173	0	0	0	0	0	0	0	70
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 2	30	174	182	0	0	0	0	0	0	0	25	332
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 3	41	138	67	0	0	0	0	0	0	0	65	133
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Maksimum	65	70	67	60	0	0	0	0	0	0	30	134
Hari Hujan	13	16	20	6	0	0	0	0	0	0	8	23

DATA CURAH HUJAN HARIAN

Tahun 2014

NAMA STASIUN	WONOKROMO
Kode stasiun	410
Lintang Selatan	07.17,967
Bujur Timur	112.44,359
Elevasi	14,9 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Ngagel	Tahun pendirian	
Kecamatan	WONOKROMO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	0	4	19	0	0	0	0	0	0	0	0	0
2	0	9	20	0	0	0	0	0	0	0	0	0
3	23	12	27	0	19	0	0	0	0	0	0	7
4	64	0	36	8	15	0	0	0	0	0	0	0
5	9	0	65	15	18	0	8	0	0	0	0	0
6	12	0	17	19	32	0	0	0	0	0	0	72
7	14	0	0	23	0	0	0	0	0	0	0	48
8	4	0	0	5	0	0	0	0	0	0	0	0
9	0	0	24	0	0	0	0	0	0	0	0	17
10	16	4	57	0	0	19	0	0	0	0	0	0
11	0	0	13	0	0	0	0	0	0	0	0	17
12	0	6	30	11	0	15	0	0	0	0	0	0
13	8	0	63	0	15	16	0	0	0	0	0	0
14	0	15	78	0	0	0	0	0	0	0	0	0
15	0	18	0	4	0	0	0	0	0	0	0	0
16	6	21	2	19	0	0	0	0	0	0	15	0
17	0	45	6	0	0	34	0	0	0	0	16	12
18	4	14	3	0	0	0	0	0	0	0	0	45

19	0	18	12	0	0	62	0	0	0	0	0	83
20	7	12	8	0	0	0	0	0	0	0	0	0
21	0	49	0	0	0	0	0	0	0	0	0	12
22	0	58	0	34	0	0	8	0	0	0	0	11
23	0	23	0	0	0	0	0	0	0	0	0	17
24	0	0	0	0	0	0	0	0	0	0	12	0
25	0	0	0	42	18	0	32	0	0	0	0	24
26	15	8	0	22	22	0	0	0	0	0	0	19
27	24	0	0	0	0	0	0	0	0	0	0	13
28	6	25	0	5	0	0	0	0	0	0	0	18
29	0		48	0	0	0	0	0	0	0	0	0
30	4		27	4	0	8	0	0	0	0	4	22
31	0		17		0		0	0		0		13
BULANAN	216	341	572	211	139	154	48	0	0	0	47	450
Periode 1	142	29	265	70	84	19	8	0	0	0	0	144
Periode 2	25	149	215	34	15	127	0	0	0	0	31	157
Periode 3	49	163	92	107	40	8	40	0	0	0	16	149
Maksimum	64	58	78	42	32	62	32	0	0	0	16	83
Hari Hujan	15	17	20	13	7	6	3	0	0	0	4	17

DATA CURAH HUJAN HARIAN

Tahun 2015

NAMA STASIUN	GUBENG
Kode stasiun	129
Lintang Selatan	07.16,081
Bujur Timur	112.45,017
Elevasi	13 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Pacar Keling	Tahun pendirian	
Kecamatan	GUBENG	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	0	0	36	0	6	0	0	0	0	0	0	0
2	7	7	44	4	14	0	0	0	0	0	0	0
3	16	26	7	18	29	0	0	0	0	0	0	0
4	0	19	0	0	41	0	0	0	0	0	0	16
5	0	31	61	7	27	0	0	0	0	0	0	33
6	0	21	19	0	0	0	0	0	0	0	0	34
7	0	10	0	0	0	0	0	0	0	0	0	19
8	0	0	0	21	0	0	0	0	0	0	0	0
9	0	31	27	0	0	0	0	0	0	0	0	0
10	0	0	5	0	0	0	0	0	0	0	17	0
11	0	0	9	0	0	0	0	0	0	0	0	0
12	0	39	0	9	0	0	0	0	0	0	0	0
13	0	3	0	0	0	0	0	0	0	0	0	0
14	0	19	0	29	0	0	0	0	0	0	0	0
15	0	47	0	37	0	0	0	0	0	0	0	24
16	0	24	37	0	0	0	0	0	0	0	0	0
17	31	17	31	0	0	0	0	0	0	0	0	0
18	0	18	12	31	0	0	0	0	0	0	0	0

19	12	14	18	0	0	0	0	0	0	0	0	19
20	0	11	29	7	0	0	0	0	0	0	0	0
21	0	16	21	14	0	0	0	0	0	0	0	14
22	0	37	10	0	0	0	0	0	0	0	0	0
23	0	0	7	0	0	0	0	0	0	0	0	14
24	21	0	6	7	19	0	0	0	0	0	0	0
25	17	0	0	0	21	0	0	0	0	0	0	0
26	29	6	0	0	24	0	0	0	0	0	12	21
27	0	16	0	0	28	0	0	0	0	0	0	31
28	20	12	0	12	0	0	0	0	0	0	0	45
29	21		0	19	0	0	0	0	0	0	0	59
30	39		0	0	0	0	0	0	0	0	0	17
31	14		7		0	0	0	0		0		14
BULANAN	227	424	386	215	209	0	0	0	0	0	29	360
Periode 1	23	145	199	50	117	0	0	0	0	0	17	102
Periode 2	43	192	136	113	0	0	0	0	0	0	0	43
Periode 3	161	87	51	52	92	0	0	0	0	0	12	215
Maksimum	39	47	61	37	41	0	0	0	0	0	17	59
Hari Hujan	11	21	18	13	9	0	0	0	0	0	2	14

DATA CURAH HUJAN HARIAN

Tahun 2015

NAMA STASIUN	KEPUTIH
Kode stasiun	134
Lintang Selatan	07.17,065
Bujur Timur	112.48,095
Elevasi	9,6 m dpl

Wilayah Sungai		Kode Database	
Desa		Tahun pendirian	
Kecamatan	SUKOLILO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	12	0	14	0	27.5	0	0	0	0	0	0	0
2	20	23	14	10	13	0	0	0	0	0	0	0
3	25	3	2	25	42	0	0	0	0	0	0	0
4	0	40	20	9.5	1	0	0	0	0	0	0	25
5	6.5	63.5	59	7.5	22	0	0	0	0	0	0	24
6	3	25	0	0	0	0	0	0	0	0	0	40
7	0	25	13.5	4.5	0	0	0	0	0	0	0	12.5
8	0	1	0	61.5	0	0	0	0	0	0	0	0
9	0	59	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	4	0	0	0	0	0	0	0	0	5
12	0	84	0	0	0	0	0	0	0	0	0	0
13	12	3.5	0	38.5	0	0	0	0	0	0	0	0
14	12	25	8.5	0	0	0	0	0	0	0	0	0
15	0	65	0	37.5	0	0	0	0	0	0	0	9
16	10	15	26	0	0	0	0	0	0	0	0	0
17	30.5	9	49	0	0	0	0	0	0	0	0	0
18	45	8.5	9.5	17.5	0	0	0	0	0	0	0	0

19	58	15.5	6	2	0	0	0	0	0	0	14	9
20	37	44	37	0	0	0	0	0	0	0	15	0
21	0	44.5	14	0	0	0	0	0	0	0	0	0
22	2	30	14	0	0	0	0	0	0	0	0	0
23	0	0	10	0	0	0	0	0	0	0	0	0
24	13.5	0	0	1.5	0	0	0	0	0	0	0	0
25	6	2	0	6.5	0	0	0	0	0	0	1	0
26	7	5	18	0	19	0	0	0	0	0	12	18
27	0	7	0	0	4	0	0	0	0	0	59	20
28	44	4.5	0	0	0	0	0	0	0	0	0	40
29	60.5		0	10	0	0	0	0	0	0	4	30
30	20.5		0	0	0	0	0	0	0	0	0	0
31	9		25	0	0	0	0	0	0	0		2
BULANAN	434	602	344	232	129	0	0	0	0	0	105	235
Periode 1	67	240	123	118	106	0	0	0	0	0	0	102
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 2	205	270	140	96	0	0	0	0	0	0	29	23
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 3	163	93	81	18	23	0	0	0	0	0	76	110
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Maksimum	61	84	59	62	42	0	0	0	0	0	59	40
Hari Hujan	20	23	18	13	7	0	0	0	0	0	6	12

DATA CURAH HUJAN HARIAN

Tahun 2015

NAMA STASIUN	WONOKROMO
Kode stasiun	410
Lintang Selatan	07.17,967
Bujur Timur	112.44,359
Elevasi	14,9 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Ngagel	Tahun pendirian	
Kecamatan	WONOKROMO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	0	0	48	0	9	0	0	0	0	0	0	0
2	8	14	49	7	19	0	0	0	0	0	0	0
3	14	22	3	8	27	0	0	0	0	0	0	0
4	0	32	0	9	37	0	0	0	0	0	0	18
5	0	24	45	0	0	0	0	0	0	0	0	29
6	0	13	32	0	0	0	0	0	0	0	0	36
7	0	11	0	10	0	0	0	0	0	0	0	21
8	0	0	0	57	0	0	0	0	0	0	0	0
9	0	37	25	0	0	5	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	14	0
11	0	0	11	0	0	0	0	0	0	0	0	0
12	0	46	0	6	0	0	0	0	0	0	0	0
13	11	2	0	0	0	0	0	0	0	0	0	0
14	14	28	0	36	0	0	0	0	0	0	0	0
15	0	42	0	49	0	0	0	0	0	0	0	27
16	0	22	35	0	0	0	0	0	0	0	0	0
17	27	21	26	0	0	0	0	0	0	0	0	0
18	0	15	6	22	0	0	0	0	0	0	0	0

19	16	5	7	0	0	0	0	0	0	0	4	14
20	45	18	48	0	0	0	0	0	0	0	0	0
21	0	0	11	32	0	0	0	0	0	0	0	11
22	0	61	4	0	0	0	0	0	0	0	0	0
23	0	0	6	0	0	0	0	0	0	0	0	0
24	30	0	0	0	27	0	0	0	0	0	0	0
25	21	0	0	0	19	0	0	0	0	0	4	0
26	41	5	0	0	31	0	0	0	0	0	8	26
27	0	4	0	8	21	0	0	0	0	0	4	29
28	21	6	0	16	0	0	0	0	0	0	0	44
29	23		8	8	0	0	0	0	0	0	0	63
30	57		0	0	0	0	0	0	0	0	0	19
31	0		8		0		0			0		9
BULANAN	328	428	372	268	190	5	0	0	0	0	34	346
Periode 1	22	153	202	91	92	5	0	0	0	0	14	104
Periode 2	113	199	133	113	0	0	0	0	0	0	4	41
Periode 3	193	76	37	64	98	0	0	0	0	0	16	201
Maksimum	57	61	49	57	37	5	0	0	0	0	14	63
Hari Hujan	13	20	17	13	8	1	0	0	0	0	5	13

DATA CURAH HUJAN HARIAN

Tahun 2016

NAMA STASIUN	GUBENG
Kode stasiun	129
Lintang Selatan	07.16,081
Bujur Timur	112.45,017
Elevasi	13 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Pacar Keling	Tahun pendirian	
Kecamatan	GUBENG	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	0	12	8	8	0	4	0	0	0	12	0	0
2	0	32	6	28	6	0	0	0	0	38	0	74
3	0	4	29	6	0	0	6	0	0	31	0	37
4	38	59	16	9	0	0	0	0	0	16	0	16
5	0	57	14	16	0	0	0	0	0	0	0	14
6	0	13	24	0	0	0	4	8	8	0	0	29
7	0	17	0	7	17	6	0	0	0	0	0	16
8	0	81	0	0	14	12	0	0	0	47	34	7
9	5	37	27	0	0	0	0	0	0	72	21	0
10	0	12	19	14	26	0	2	0	0	53	5	2
11	0	14	12	9	3	0	0	0	0	29	7	4
12	7	12	7	8	6	0	4	0	0	19	0	27
13	9	29	21	0	0	0	3	13	0	4	19	16
14	0	11	4	64	0	8	24	14	0	11	0	0
15	0	62	17	32	13	8	19	11	0	4	51	0
16	0	51	9	29	22	6	15	0	0	0	36	3
17	12	34	0	0	19	14	11	0	0	0	12	7
18	16	27	0	0	12	6	14	0	0	0	9	0

19	4	31	14	0	0	12	16	0	2	0	0	0
20	5	19	1	15	52	11	5	0	0	0	0	29
21	12	41	0	0	0	0	6	0	0	0	0	12
22	34	34	11	0	24	0	5	0	0	0	0	0
23	7	19	0	0	12	0	0	0	12	0	21	0
24	9	43	24	0	0	5	0	0	19	59	44	0
25	0	72	11	0	16	0	0	0	6	0	0	0
26	27	9	0	6	10	0	0	0	39	48	14	59
27	17	43	21	0	9	5	0	0	7	0	0	19
28	7	13	0	0	11	8	6	0	4	0	0	28
29	14	19	0	0	7	7	3	1	0	0	4	54
30	11		0	0	98	0	0	0	0	0	56	39
31	52		0		4		0	0		0		28
BULANAN	286	907	295	251	381	112	143	47	97	443	333	520
Periode 1	43	324	143	88	63	22	12	8	8	269	60	195
Periode 2	53	290	85	157	127	65	111	38	2	67	134	86
Periode 3	190	293	67	6	191	25	20	1	87	107	139	239
Maksimum	52	81	29	64	98	14	24	14	39	72	56	74
Hari Hujan	18	29	20	14	20	14	16	5	8	14	14	21

DATA CURAH HUJAN HARIAN

Tahun 2016

NAMA STASIUN	KEPUTIH
Kode stasiun	134
Lintang Selatan	07.17,065
Bujur Timur	112.48,095
Elevasi	9,6 m dpl

Wilayah Sungai		Kode Database	
Desa		Tahun pendirian	
Kecamatan	SUKOLILO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	0	17	6	0	0	0	0	0	0	2	0	0
2	0	13	0	16	4	13	0	0	0	3	0	6
3	0	4	16	1	0	0	2	0	0	5	0	12
4	31.5	0	0	9	0	0	0	0	0	15	0	7
5	0	68	0	15	0	0	0	0	0	0	0	10
6	0	5	15	0	0	0	0	19	9	0	0	0
7	0	31	2	0	0	0	0	0	0	0	0	3
8	0	9	0	0	0	16	0	0	3	6.5	58	2
9	0	2	0	0	0	0	0	0	0	65	0	3
10	0	5	7	1	3.5	0	0	0	0	36.5	23.5	3
11	4	50	4	11.5	0	0	0	0	0	0	0	2
12	0	0	0	6	2	0	5	0	0	57.5	0	0
13	0	6	10	1	0	0	8	19.5	0	1.5	0	5
14	13	0	7	41	0	3	0	31.5	0	32	0	0
15	0	14	12	59	0	3	20	1	0	0	0	4
16	0	81	10	50	0	0	45	0	0	0	23	5
17	0	2	12	3.5	15	8	0	0	0	0	62	2.5
18	0	0	0	0	0	13	15	0	0	0	0	0

19	59	24	1	0	1.5	4.5	17	0	0	0	0	23.5
20	0	0	4	0	0	0	0	0	0	0	0	0
21	40	15	0	0	37.5	0	0	0	0	0	0	0
22	50	25	0	0	67	0	8	0	0	0	0	0
23	24	14	34	0	3	0	0	0	0	8	0	0
24	1.5	34	0	0	45.5	0	3	0	69	71	13.5	0
25	0	40	5	0	0	0	0	0	2.5	0	5	0
26	17	75	1	0	0	0	0	0	2.5	2	11	15
27	0	85	0	0	3.5	0	0	0	0	0	0	16.5
28	19.5	4	0	2	0	0	0	0	0	0	0	30
29	0	3	0	0	0	4	0	0	0	0	0	20
30	13		0	0	164	0	0	0	0	0	28	35
31	25		0		0		0	0		0		32
BULANAN	298	626	146	216	347	65	123	71	86	305	224	237
Periode 1	32	154	46	42	8	29	2	19	12	133	82	46
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 2	76	177	60	172	19	32	110	52	0	91	85	42
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 3	190	295	40	2	321	4	11	0	74	81	58	149
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Maksimum	59	85	34	59	164	164	45	32	69	71	62	35
Hari Hujan	12	24	16	13	11	8	9	4	5	13	8	20

DATA CURAH HUJAN HARIAN

Tahun 2016

NAMA STASIUN	WONOKROMO
Kode stasiun	410
Lintang Selatan	07.17,967
Bujur Timur	112.44,359
Elevasi	14,9 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Ngagel	Tahun pendirian	
Kecamatan	WONOKROMO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	0	16	14	12	0	2	2	0	0	8	0	0
2	0	37	7	24	8	0	0	0	0	42	0	79
3	0	12	29	0	0	0	4	0	0	28	0	32
4	49	56	9	7	0	0	0	0	0	9	0	27
5	0	47	4	19	0	0	0	0	0	0	0	12
6	0	14	37	0	0	0	7	6	10	0	0	32
7	0	21	0	4	12	4	0	0	0	0	0	12
8	0	79	0	0	15	11	0	0	0	3	34	2
9	12	34	14	0	0	0	0	0	0	76	19	0
10	0	6	24	12	14	0	3	0	0	56	3	0
11	3	17	21	6	2	0	0	0	0	26	6	6
12	0	9	9	9	0	0	6	0	0	16	0	24
13	12	26	29	0	0	0	2	12	0	2	17	14
14	0	15	8	56	0	6	33	11	0	9	0	0
15	0	12	12	29	8	12	16	13	0	2	48	2
16	0	56	6	37	19	4	17	0	0	0	32	3
17	7	24	0	0	16	16	9	0	0	0	14	5
18	13	22	0	0	8	4	14	0	0	0	6	0

19	29	17	14	0	0	11	21	0	4	0	0	14
20	7	35	9	11	48	9	4	0	0	0	0	24
21	21	39	0	0	0	0	4	0	0	0	0	9
22	19	32	7	0	27	0	6	0	0	0	0	0
23	27	10	0	0	9	0	0	0	15	0	18	0
24	8	49	37	0	0	8	0	0	21	66	42	0
25	14	64	0	0	12	0	0	0	9	0	0	0
26	20	8	0	0	8	0	0	0	37	53	13	55
27	5	37	12	0	7	6	8	0	4	0	0	17
28	16	6	0	6	12	9	4	0	2	0	0	26
29	4	14	0	0	5	8	0	2	0	0	2	52
30	14		0	0	108	0	0	0	0	0	52	37
31	46		0		0		0	0		0		27
BULANAN	326	814	302	232	338	110	160	44	102	396	306	511
Periode 1	61	322	138	78	49	17	16	6	10	222	56	196
Periode 2	71	233	108	148	101	62	122	36	4	55	123	92
Periode 3	194	259	56	6	188	31	22	2	88	119	127	223
Maksimum	49	79	37	56	108	16	33	13	37	76	52	79
Hari Hujan	19	29	19	13	18	14	17	5	8	14	14	22

DATA CURAH HUJAN HARIAN

Tahun 2017

NAMA STASIUN	GUBENG
Kode stasiun	129
Lintang Selatan	07.16,081
Bujur Timur	112.45,017
Elevasi	13 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Pacar Keling	Tahun pendirian	
Kecamatan	GUBENG	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	9	6	0	0	6	0	0	0	0	0	0	9
2	22	0	0	0	0	0	0	0	0	0	0	7
3	24	98	13	6	8	0	0	0	0	0	0	11
4	0	0	6	9	4	0	0	0	0	0	8	0
5	0	0	0	11	0	0	0	0	0	0	0	16
6	0	0	34	11	0	7	0	0	0	0	0	24
7	0	0	11	0	0	0	0	0	0	0	10	15
8	3	0	19	5	21	8	0	0	0	0	0	6
9	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	7	0	7	0	0	0	0	0	0	15
11	0	6	0	0	0	0	0	0	0	0	6	7
12	87	16	19	0	0	3	0	0	0	0	7	5
13	37	0	37	14	0	0	0	0	0	0	39	0
14	14	9	39	11	0	0	0	0	0	0	0	61
15	43	11	0	16	0	0	0	0	0	0	6	0
16	12	36	0	0	0	4	0	0	0	0	0	4
17	0	14	6	0	0	0	0	0	0	0	31	41
18	0	29	0	26	0	0	6	0	0	0	28	49

19	15	7	4	8	0	0	0	0	0	0	0	8
20	0	38	0	0	0	0	0	0	0	0	5	6
21	31	0	0	24	0	11	0	0	0	0	4	0
22	17	4	0	8	0	0	0	0	0	0	31	0
23	9	0	12	0	0	0	0	0	0	32	26	0
24	4	11	0	0	0	0	0	0	0	0	116	0
25	3	9	27	14	0	0	0	0	0	0	12	7
26	4	6	46	8	0	21	0	0	2	0	2	3
27	0	0	8	0	9	0	8	0	0	29	4	2
28	6	4	11	0	0	0	7	0	3	0	5	0
29	26		2	0	26	0	0	0	11	0	0	0
30	21		3	0	7	0	0	0	0	0	2	36
31	3		0		0		0	0	0	0		0
BULANAN	390	304	304	171	88	54	21	0	16	61	342	341
Periode 1	58	104	90	42	46	15	0	0	0	0	18	112
Periode 2	208	166	105	75	0	7	6	0	0	0	122	181
Periode 3	124	34	109	54	42	32	15	0	16	61	202	48
Maksimum	87	98	46	26	26	21	8	0	11	32	116	61
Hari Hujan	20	16	18	14	8	6	3	0	3	2	18	21

DATA CURAH HUJAN HARIAN

Tahun 2017

NAMA STASIUN	KEPUTIH
Kode stasiun	134
Lintang Selatan	07.17,065
Bujur Timur	112.48,095
Elevasi	9,6 m dpl

Wilayah Sungai		Kode Database	
Desa		Tahun pendirian	
Kecamatan	SUKOLILO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	2	0	0	6	0	0	0	0	0	0	0	3
2	3	40	0	0	0	0	0	0	0	0	0	0
3	20	40	17	0	0	0	0	0	0	0	0	0
4	0	74	0	28.5	0	0	0	0	0	0	7	0
5	0	0	0	6	0	0	0	0	0	0	0	10
6	0	0	0	4	0	4	0	0	0	0	0	26
7	0	0	32.5	0	0	0	0	0	0	0	4	21
8	0	0	30	8	15	0	0	0	0	0	0	11
9	0	0	0	26	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	4
11	0	0	0	0	0	0	0	0	0	0	0	0
12	40	0	6	0	0	5	0	0	0	0	0	1
13	45	0	30	0	0	0	0	0	0	0	0	0
14	0	40	32	17.5	0	0	0	0	0	0	0	0
15	30	43	3	38.5	0	0	0	0	0	0	0	0
16	0	40	0	0	0	6	0	0	0	0	0	0
17	0	45	2	0	0	0	0	0	0	0	0	7
18	0	30	0	0	0	0	3	0	0	0	0	60

19	0	0	3	4.5	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	3
21	50	0	0	10	0	8	0	0	0	0	0	0
22	63	3	2	9	0	0	0	0	0	0	27	0
23	32	0	0	0	0	0	0	0	0	0	33	0
24	8	9	0	0	0	0	0	0	0	0	124	0
25	0	8	52	6	0	0	0	0	0	0	0	0
26	10	7	24	2	0	20	0	0	0	0	15	0
27	0	0	2	0	0	0	6	0	0	0	0	2
28	12	0	5	0	0	0	8	0	0	0	14	0
29	10		12	0	0	0	0	0	0	0	11	0
30	25		7	0	0	0	0	0	0	0	7	37
31	2		0	0	0	0	0	0		0		0
BULANAN	352	379	260	166	15	43	17	0	0	0	242	186
Periode 1	25	154	80	79	15	4	0	0	0	0	11	75
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 2	115	198	76	61	0	11	3	0	0	0	0	72
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 3	212	27	104	27	0	28	14	0	0	0	231	39
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Maksimum	63	74	52	39	15	20	8	0	0	0	124	60
Hari Hujan	15	12	16	13	1	5	3	0	0	0	9	13

DATA CURAH HUJAN HARIAN

Tahun 2017

NAMA STASIUN	WONOKROMO
Kode stasiun	410
Lintang Selatan	07.17,967
Bujur Timur	112.44,359
Elevasi	14,9 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Ngagel	Tahun pendirian	
Kecamatan	WONOKROMO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	7	7	0	0	8	0	0	0	0	0	0	7
2	9	0	0	0	0	0	0	0	0	0	0	9
3	8	94	12	4	7	0	0	0	0	0	0	8
4	0	0	4	11	0	0	0	0	0	0	5	0
5	14	0	0	9	0	0	0	0	0	0	0	14
6	12	0	36	12	0	6	0	0	0	0	0	12
7	27	0	9	0	0	0	0	0	0	0	11	27
8	18	0	16	4	16	7	0	0	0	0	0	18
9	11	0	0	0	0	0	0	0	0	0	0	11
10	17	0	4	0	6	0	0	0	0	0	0	17
11	8	0	0	0	0	0	0	0	0	0	4	8
12	3	2	2	0	0	2	0	0	0	0	7	3
13	0	0	32	11	0	0	0	0	0	0	47	0
14	78	6	37	9	0	0	0	0	0	0	0	78
15	3	12	0	19	0	0	0	0	0	0	4	3
16	0	34	0	0	0	12	0	0	0	0	0	0
17	26	17	8	0	0	0	0	0	0	0	24	26
18	55	26	0	30	0	0	5	0	0	0	29	55

19	2	8	7	6	0	0	0	0	0	0	0	2
20	8	34	0	0	0	0	0	0	0	0	3	8
21	0	0	0	30	0	9	0	0	0	0	2	0
22	0	5	8	6	0	0	0	0	0	0	28	0
23	0	0	7	0	0	0	0	0	0	27	36	0
24	0	12	0	0	0	0	0	0	0	0	114	0
25	0	7	24	16	0	0	0	0	0	0	18	0
26	8	6	42	6	0	19	0	0	3	0	6	8
27	2	0	6	0	11	0	4	0	1	19	2	2
28	0	6	8	0	0	0	9	0	5	0	3	0
29	0		4	0	30	0	0	0	12	0	12	0
30	49		2	0	6	0	0	0	0	0	4	49
31	0		0		0		0	0	0	0		0
BULANAN	365	276	268	173	84	55	18	0	21	46	359	365
Periode 1	123	101	81	40	37	13	0	0	0	0	16	123
Periode 2	183	139	86	75	0	14	5	0	0	0	118	183
Periode 3	59	36	101	58	47	28	13	0	21	46	225	59
Maksimum	78	94	42	30	30	19	9	0	12	27	114	78
Hari Hujan	20	15	19	14	7	6	3	0	4	2	19	20

DATA CURAH HUJAN HARIAN

Tahun 2018

NAMA STASIUN	GUBENG
Kode stasiun	129
Lintang Selatan	07.16,081
Bujur Timur	112.45,017
Elevasi	13 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Pacar Keling	Tahun pendirian	
Kecamatan	GUBENG	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	0	16	5	0	0	0	0	0	0	0	0	8
2	0	9	7	26	0	4	0	0	0	0	0	19
3	26	6	19	0	0	0	0	0	0	0	0	4
4	14	12	16	0	0	0	0	0	0	0	0	1
5	25	0	59	0	0	8	0	0	0	0	0	0
6	39	6	11	0	0	0	0	0	0	0	4	0
7	0	0	21	14	0	0	0	0	0	0	0	0
8	0	11	54	0	0	0	0	0	0	0	7	0
9	11	0	2	0	0	0	0	0	0	0	0	0
10	48	21	41	0	0	0	0	0	0	0	0	0
11	0	32	19	0	0	0	0	0	0	0	0	8
12	21	0	8	0	0	0	0	0	0	0	0	14
13	0	0	16	0	0	0	0	0	0	0	14	7
14	0	0	0	5	0	0	0	0	0	0	0	29
15	4	51	0	0	11	0	0	0	0	0	0	0
16	0	33	9	0	0	0	0	0	0	0	0	12
17	0	0	37	0	3	0	0	0	0	0	9	8
18	42	0	12	0	0	0	0	0	0	0	15	4

19	49	5	3	11	0	0	0	0	0	0	0	8
20	0	6	0	0	0	57	0	0	0	0	0	0
21	0	32	0	12	0	0	0	0	0	0	0	6
22	0	65	17	40	0	0	0	0	0	0	0	0
23	11	19	7	9	0	0	0	0	0	0	0	12
24	13	7	8	10	0	0	0	0	0	0	9	9
25	5	29	0	0	0	0	0	0	0	0	21	6
26	9	10	7	0	0	0	0	0	0	0	0	4
27	0	49	0	0	0	0	0	0	0	0	0	15
28	0	19	0	0	0	0	0	0	0	0	12	17
29	0		29	0	0	0	0	0	0	0	20	4
30	0		12	0	0	0	0	0	0	0	0	0
31	0		2	0	0	0	0	0	0	0	0	0
BULANAN	317	438	421	127	14	69	0	0	0	0	111	195
Periode 1	163	81	235	40	0	12	0	0	0	0	11	32
Periode 2	116	127	104	16	14	57	0	0	0	0	38	90
Periode 3	38	230	82	71	0	0	0	0	0	0	62	73
Maksimum	49	65	59	40	11	57	0	0	0	0	21	29
Hari Hujan	14	20	24	8	2	3	0	0	0	0	9	20

DATA CURAH HUJAN HARIAN

Tahun 2018

NAMA STASIUN	KEPUTIH
Kode stasiun	134
Lintang Selatan	07.17,065
Bujur Timur	112.48,095
Elevasi	9,6 m dpl

Wilayah Sungai		Kode Database	
Desa		Tahun pendirian	
Kecamatan	SUKOLILO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	26	0	24	0	0	0	0	0	0	0	14
3	17	0	0	0	0	0	0	0	0	0	0	0
4	6	7	12	0	0	0	0	0	0	0	0	2
5	3	0	25	0	0	0	0	0	0	0	0	0
6	0	0	25	0	0	0	0	0	0	0	3	0
7	41	6	20	4	0	0	0	0	0	0	0	0
8	0	8	40	0	0	0	0	0	0	0	5	0
9	3	0	4	0	0	0	0	0	0	0	0	0
10	39	44	2	0	0	0	0	0	0	0	0	0
11	0	28	0	0	0	0	0	0	0	0	0	0
12	29	0	10	0	0	0	0	0	0	0	0	8
13	0	4	0	0	0	0	0	0	0	0	17	7
14	0	0	0	0	0	0	0	0	0	0	0	14
15	0	49	0	0	0	0	0	0	0	0	0	0
16	0	7	21	0	0	0	0	0	0	0	0	0
17	0	0	12	0	0	0	0	0	0	0	5	0
18	35	0	0	0	0	0	0	0	0	0	7	0

19	49	12	0	0	0	0	0	0	0	0	0	4
20	15	19	0	0	0	45	0	0	0	0	0	6
21	0	14	0	0	0	0	0	0	0	0	0	0
22	5	7	15	2	0	0	0	0	0	0	0	0
23	0	0	5	14	0	0	0	0	0	0	0	5
24	0	8	13	4	0	0	0	0	0	0	4	0
25	13	8	0	0	0	0	0	0	0	0	15	5
26	3	30	9	0	0	0	0	0	0	0	0	0
27	0	49	4	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	21	13
29	0		13	0	0	0	0	0	0	0	15	2
30	0		33	0	0	0	0	0	0	0	0	0
31	0		0	0	0	0	0	0	0	0	0	0
BULANAN	258	326	263	48	0	45	0	0	0	0	92	80
Periode 1	109	91	128	28	0	0	0	0	0	0	8	16
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 2	128	119	43	0	0	45	0	0	0	0	29	39
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Periode 3	21	116	92	20	0	0	0	0	0	0	55	25
Jml. data kosong	0	0	0	0	0	0	0	0	0	0	0	0
Maksimum	49	49	40	24	0	45	0	0	0	0	21	14
Hari Hujan	13	17	17	5	0	1	0	0	0	0	9	11

DATA CURAH HUJAN HARIAN

Tahun 2018

NAMA STASIUN	WONOKROMO
Kode stasiun	410
Lintang Selatan	07.17,967
Bujur Timur	112.44,359
Elevasi	14,9 m dpl

Wilayah Sungai	Surabaya	Kode Database	
Desa	Ngagel	Tahun pendirian	
Kecamatan	WONOKROMO	Tipe Alat	Biasa(MRG)
Kabupaten	Kota Surabaya	Pengelola	Balai Surabaya

TANGGAL	B U L A N (mm)											
	JAN	PEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	0	13	3	0	0	0	0	0	0	0	0	11
2	0	11	4	21	0	14	0	0	0	0	0	14
3	28	3	17	0	0	0	0	0	0	0	0	7
4	11	4	14	0	0	0	0	0	0	0	0	5
5	24	0	73	0	0	7	0	0	0	0	0	0
6	45	0	18	0	0	0	0	0	0	0	5	0
7	0	13	32	9	0	0	0	0	0	0	0	0
8	0	6	59	0	0	0	0	0	0	0	9	0
9	8	0	3	0	0	0	0	0	0	0	0	0
10	54	24	37	0	0	0	0	0	0	0	0	0
11	0	36	7	0	0	0	0	0	0	0	0	4
12	18	0	5	0	0	0	0	0	0	0	0	9
13	0	0	19	0	0	0	0	0	0	0	11	4
14	0	0	0	0	0	0	0	0	0	0	0	34
15	2	49	0	3	13	0	0	0	0	0	0	0
16	0	31	12	0	0	0	0	0	0	0	0	9
17	0	0	46	0	6	0	0	0	0	0	8	4
18	46	0	16	0	0	0	0	0	0	0	17	2

19	59	3	1	17	0	0	0	0	0	0	0	6
20	6	7	0	0	0	49	0	0	0	0	0	2
21	0	55	0	0	0	0	0	1	0	0	0	4
22	8	12	13	20	0	0	0	0	0	0	0	0
23	9	21	9	65	0	0	0	0	0	0	0	9
24	17	8	11	14	0	0	0	0	0	0	7	11
25	3	35	0	0	0	0	0	0	0	0	19	8
26	7	12	5	0	0	0	0	0	0	0	0	2
27	0	56	0	0	0	0	0	0	0	0	0	7
28	0	26	0	0	0	0	0	0	0	0	14	15
29	0		0	0	0	0	0	0	0	0	27	8
30	0		73	0	0	0	0	0	0	0	0	0
31	0		9	0	0	0	0	0		0		0
BULANAN	345	425	486	149	19	70	0	1	0	0	117	175
Periode 1	170	74	260	30	0	21	0	0	0	0	14	37
Periode 2	131	126	106	20	19	49	0	0	0	0	36	74
Periode 3	44	225	120	99	0	0	0	1	0	0	67	64
Maksimum	59	56	73	65	13	49	0	1	0	0	27	34
Hari Hujan	16	20	23	7	2	3	0	1	0	0	9	21

PRO PATRIA

SURABAYA