LAMPIRAN

Perhitungan debit andalan 2009 – 2018

Januari – Maret (2009)

Uraian			Unit	Jan	Feb	Mar
1	Curah Hujan (R)		mm	448	340	300
2	Hari Hujan (n)			17	18	11
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	137.81	125.96	111.86
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.02	0.01	0.11
6	dE	(3)*(5)	mm	3.10	0.94	11.74
7	Et1 = Eto-De	(3)-(6)	mm	134.71	125.02	100.11
Water Balance						
8	S = R-Et1	(1)-(7)	mm	312.79	214.98	199.39
9	*Run Off Storm*	10% * (1)	mm	44.75	34.00	29.95
10	*Soil Storage (IS)*	(8)-(9)	mm	268.04	180.98	169.44
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	418.04	190.98	179.44
12	*Water Surplus*	(8)-(10)	mm	44.75	34.00	29.95
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	17.90	13.60	11.98
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	16.11	12.24	10.78
15	k*V(n-1)		mm	160.00	140.89	122.50
16	*Storage Volume (Vn)*	(14)+(15)	mm	176.11	153.13	133.28
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-16.11	-12.24	-10.78
18	*Base Flow*	(13)-(17)	mm	34.01	25.84	22.76
19	*Direct Run Off*	(12)-(13)	mm	26.85	20.40	17.97
20	*Run Off*	(18)+(19)	mm/bln	60.86	46.24	40.73
21	Debit (x1000)	(20)*C*A	m3/bln	124519.56	94607.04	83337.67
22	Debit		m3/dtk	0.0465	0.0391	0.0311
23	Jumlah Hari			31	28	31

Sumber : Hasil perhitungan, 2020

April – Juni (2009)

Uraian			Unit	Apr	Mei	Juni
1	Curah Hujan (R)		mm	91	118	5
2	Hari Hujan (n)			4	9	1
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	109.34	99.74	89.69
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.21	0.14	0.26
6	dE	(3)*(5)	mm	22.96	13.46	23.54
7	Et1 = Eto-De	(3)-(6)	mm	86.38	86.27	66.15
Water Balance						
8	S = R-Et1	(1)-(7)	mm	4.62	31.23	-61.15
9	*Run Off Storm*	10% * (1)	mm	9.10	11.75	0.50
10	*Soil Storage (IS)*	(8)-(9)	mm	-4.48	19.48	-61.65
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	5.52	29.48	-51.65
12	*Water Surplus*	(8)-(10)	mm	9.10	11.75	0.50
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	3.64	4.70	0.20
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	3.28	4.23	0.18
15	k*V(n-1)		mm	106.63	87.92	73.72
16	*Storage Volume (Vn)*	(14)+(15)	mm	109.90	92.15	73.90
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-3.28	-4.23	-0.18
18	*Base Flow*	(13)-(17)	mm	6.92	8.93	0.38
19	*Direct Run Off*	(12)-(13)	mm	5.46	7.05	0.30
20	*Run Off*	(18)+(19)	mm/bln	12.38	15.98	0.68
21	Debit (x1000)	(20)*C*A	m3/bln	25321.30	32695.08	1391.28
22	Debit		m3/dtk	0.0098	0.0122	0.0005
23	Jumlah Hari			30	31	30

Sumber : Hasil perhitungan, 2020

Juli – September (2009)

Uraian			Unit	Juli	Ags	Sep
1	Curah Hujan (R)		mm	0	0	0
2	Hari Hujan (n)			0	0	0
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	107.49	137.62	163.77
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.27	0.27	0.27
6	dE	(3)*(5)	mm	29.02	37.16	44.22
7	Et1 = Eto-De	(3)-(6)	mm	78.47	100.47	119.55
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-78.47	-100.47	-119.55
9	*Run Off Storm*	10% * (1)	mm	0.00	0.00	0.00
10	*Soil Storage (IS)*	(8)-(9)	mm	-78.47	-100.47	-119.55
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-68.47	-90.47	-109.55
12	*Water Surplus*	(8)-(10)	mm	0.00	0.00	0.00
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.00	0.00	0.00
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.00	0.00	0.00
15	k*V(n-1)		mm	59.12	47.30	37.84
16	*Storage Volume (Vn)*	(14)+(15)	mm	59.12	47.30	37.84
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	0.00	0.00	0.00
18	*Base Flow*	(13)-(17)	mm	0.00	0.00	0.00
19	*Direct Run Off*	(12)-(13)	mm	0.00	0.00	0.00
20	*Run Off*	(18)+(19)	mm/bln	0.00	0.00	0.00
21	Debit (x1000)	(20)*C*A	m3/bln	0.00	0.00	0.00
22	Debit		m3/dtk	0.0000	0.0000	0.0000
23	Jumlah Hari			31	31	30

Sumber : Hasil perhitungan, 2020

Oktober – Desember (2009)

Uraian			Unit	Okt	Nov	Des
1	Curah Hujan (R)		mm	0	118	60
2	Hari Hujan (n)			0	7	5
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	171.95	158.23	158.37
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.27	0.17	0.20
6	dE	(3)*(5)	mm	46.43	26.11	30.88
7	Et1 = Eto-De	(3)-(6)	mm	125.52	132.12	127.49
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-125.52	-14.12	-67.99
9	*Run Off Storm*	10% * (1)	mm	0.00	11.80	5.95
10	*Soil Storage (IS)*	(8)-(9)	mm	-125.52	-25.92	-73.94
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-115.52	-15.92	-63.94
12	*Water Surplus*	(8)-(10)	mm	0.00	11.80	5.95
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.00	4.72	2.38
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.00	4.25	2.14
15	k*V(n-1)		mm	30.27	24.22	22.77
16	*Storage Volume (Vn)*	(14)+(15)	mm	30.27	28.46	24.91
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	0.00	-4.25	-2.14
18	*Base Flow*	(13)-(17)	mm	0.00	8.97	4.52
19	*Direct Run Off*	(12)-(13)	mm	0.00	7.08	3.57
20	*Run Off*	(18)+(19)	mm/bln	0.00	16.05	8.09
21	Debit (x1000)	(20)*C*A	m3/bln	0.00	32834.21	16556.23
22	Debit		m3/dtk	0.0000	0.0127	0.0062
23	Jumlah Hari			31	30	31

Sumber : Hasil perhitungan, 2020

Januari – Maret (2010)

Uraian			Unit	Jan	Feb	Mar
1	Curah Hujan (R)		mm	361	356	294
2	Hari Hujan (n)			17	19	13
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	137.81	125.96	111.86
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.02	-0.01	0.08
6	dE	(3)*(5)	mm	2.07	-0.94	8.39
7	Et1 = Eto-De	(3)-(6)	mm	135.75	126.90	103.47
Water Balance						
8	S = R-Et1	(1)-(7)	mm	224.75	228.60	190.03
9	*Run Off Storm*	10% * (1)	mm	36.05	35.55	29.35
10	*Soil Storage (IS)*	(8)-(9)	mm	188.70	193.05	160.68
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	198.70	203.05	170.68
12	*Water Surplus*	(8)-(10)	mm	36.05	35.55	29.35
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	14.42	14.22	11.74
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	12.98	12.80	10.57
15	k*V(n-1)		mm	160.00	138.38	120.94
16	*Storage Volume (Vn)*	(14)+(15)	mm	172.98	151.18	131.51
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-12.98	-12.80	-10.57
18	*Base Flow*	(13)-(17)	mm	27.40	27.02	22.31
19	*Direct Run Off*	(12)-(13)	mm	21.63	21.33	17.61
20	*Run Off*	(18)+(19)	mm/bln	49.03	48.35	39.92
21	Debit (x1000)	(20)*C*A	m3/bln	100311.29	98920.01	81668.14
22	Debit		m3/dtk	0.0375	0.0409	0.0305
23	Jumlah Hari			31	28	31

Sumber : Hasil perhitungan, 2020

April – Juni (2010)

Uraian			Unit	Apr	Mei	Juni
1	Curah Hujan (R)		mm	276	230	62
2	Hari Hujan (n)			14	12	4
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	109.34	99.74	89.69
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.06	0.10	0.21
6	dE	(3)*(5)	mm	6.56	9.72	18.84
7	Et1 = Eto-De	(3)-(6)	mm	102.78	90.01	70.86
Water Balance						
8	S = R-Et1	(1)-(7)	mm	172.72	139.49	-9.36
9	*Run Off Storm*	10% * (1)	mm	27.55	22.95	6.15
10	*Soil Storage (IS)*	(8)-(9)	mm	145.17	116.54	-15.51
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	155.17	126.54	-5.51
12	*Water Surplus*	(8)-(10)	mm	27.55	22.95	6.15
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	11.02	9.18	2.46
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	9.92	8.26	2.21
15	k*V(n-1)		mm	105.21	92.10	80.29
16	*Storage Volume (Vn)*	(14)+(15)	mm	115.13	100.36	82.50
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-9.92	-8.26	-2.21
18	*Base Flow*	(13)-(17)	mm	20.94	17.44	4.67
19	*Direct Run Off*	(12)-(13)	mm	16.53	13.77	3.69
20	*Run Off*	(18)+(19)	mm/bln	37.47	31.21	8.36
21	Debit (x1000)	(20)*C*A	m3/bln	76659.53	63859.75	17112.74
22	Debit		m3/dtk	0.0296	0.0238	0.0066
23	Jumlah Hari			30	31	30

Sumber : Hasil perhitungan, 2020

Juli – September (2010)

Uraian			Unit	Juli	Ags	Sep
1	Curah Hujan (R)		mm	58	22	175
2	Hari Hujan (n)			5	1	6
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	107.49	137.62	163.77
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.20	0.26	0.18
6	dE	(3)*(5)	mm	21.77	35.09	29.48
7	Et1 = Eto-De	(3)-(6)	mm	85.72	102.53	134.29
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-28.22	-80.53	40.21
9	*Run Off Storm*	10% * (1)	mm	5.75	2.20	17.45
10	*Soil Storage (IS)*	(8)-(9)	mm	-33.97	-82.73	22.76
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-23.97	-72.73	32.76
12	*Water Surplus*	(8)-(10)	mm	5.75	2.20	17.45
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	2.30	0.88	6.98
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	2.07	0.79	6.28
15	k*V(n-1)		mm	66.00	54.46	44.20
16	*Storage Volume (Vn)*	(14)+(15)	mm	68.07	55.25	50.48
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-2.07	-0.79	-6.28
18	*Base Flow*	(13)-(17)	mm	4.37	1.67	13.26
19	*Direct Run Off*	(12)-(13)	mm	3.45	1.32	10.47
20	*Run Off*	(18)+(19)	mm/bln	7.82	2.99	23.73
21	Debit (x1000)	(20)*C*A	m3/bln	15999.72	6121.63	48555.67
22	Debit		m3/dtk	0.0060	0.0023	0.0187
23	Jumlah Hari			31	31	30

Sumber : Hasil perhitungan, 2020

Oktober – Desember (2010)

Uraian			Unit	Okt	Nov	Des
1	Curah Hujan (R)		mm	141	208	331
2	Hari Hujan (n)			7	12	15
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	171.95	158.23	158.37
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.17	0.09	0.05
6	dE	(3)*(5)	mm	28.37	14.24	8.31
7	Et1 = Eto-De	(3)-(6)	mm	143.58	143.99	150.05
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-3.08	63.51	180.45
9	*Run Off Storm*	10% * (1)	mm	14.05	20.75	33.05
10	*Soil Storage (IS)*	(8)-(9)	mm	-17.13	42.76	147.40
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-7.13	52.76	157.40
12	*Water Surplus*	(8)-(10)	mm	14.05	20.75	33.05
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	5.62	8.30	13.22
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	5.06	7.47	11.90
15	k*V(n-1)		mm	40.39	36.36	35.06
16	*Storage Volume (Vn)*	(14)+(15)	mm	45.44	43.83	46.96
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-5.06	-7.47	-11.90
18	*Base Flow*	(13)-(17)	mm	10.68	15.77	25.12
19	*Direct Run Off*	(12)-(13)	mm	8.43	12.45	19.83
20	*Run Off*	(18)+(19)	mm/bln	19.11	28.22	44.95
21	Debit (x1000)	(20)*C*A	m3/bln	39094.97	57738.12	91963.61
22	Debit		m3/dtk	0.0146	0.0223	0.0343
23	Jumlah Hari			31	30	31

Sumber : Hasil perhitungan, 2020

Januari – Maret (2011)

Uraian			Unit	Jan	Feb	Mar
1	Curah Hujan (R)		mm	320	156	319
2	Hari Hujan (n)			16	11	15
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	137.81	125.96	111.86
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.04	0.11	0.05
6	dE	(3)*(5)	mm	5.17	14.17	5.03
7	Et1 = Eto-De	(3)-(6)	mm	132.65	111.79	106.82
Water Balance						
8	S = R-Et1	(1)-(7)	mm	187.35	44.21	211.68
9	*Run Off Storm*	10% * (1)	mm	32.00	15.60	31.85
10	*Soil Storage (IS)*	(8)-(9)	mm	155.35	28.61	179.83
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	165.35	38.61	189.83
12	*Water Surplus*	(8)-(10)	mm	32.00	15.60	31.85
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	12.80	6.24	12.74
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	11.52	5.62	11.47
15	k*V(n-1)		mm	160.00	137.22	114.27
16	*Storage Volume (Vn)*	(14)+(15)	mm	171.52	142.83	125.73
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-11.52	-5.62	-11.47
18	*Base Flow*	(13)-(17)	mm	24.32	11.86	24.21
19	*Direct Run Off*	(12)-(13)	mm	19.20	9.36	19.11
20	*Run Off*	(18)+(19)	mm/bln	43.52	21.22	43.32
21	Debit (x1000)	(20)*C*A	m3/bln	89041.92	43407.94	88624.54
22	Debit		m3/dtk	0.0332	0.0179	0.0331
23	Jumlah Hari			31	28	31

Sumber : Hasil perhitungan, 2020

April – Juni (2011)

Uraian			Unit	Apr	Mei	Juni
1	Curah Hujan (R)		mm	169	219	8
2	Hari Hujan (n)			8	8	1
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	109.34	99.74	89.69
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.15	0.15	0.26
6	dE	(3)*(5)	mm	16.40	14.96	22.87
7	Et1 = Eto-De	(3)-(6)	mm	92.94	84.78	66.82
Water Balance						
8	S = R-Et1	(1)-(7)	mm	76.06	134.22	-59.32
9	*Run Off Storm*	10% * (1)	mm	16.90	21.90	0.75
10	*Soil Storage (IS)*	(8)-(9)	mm	59.16	112.32	-60.07
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	69.16	122.32	-50.07
12	*Water Surplus*	(8)-(10)	mm	16.90	21.90	0.75
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	6.76	8.76	0.30
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	6.08	7.88	0.27
15	k*V(n-1)		mm	100.59	85.34	74.58
16	*Storage Volume (Vn)*	(14)+(15)	mm	106.67	93.22	74.85
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-6.08	-7.88	-0.27
18	*Base Flow*	(13)-(17)	mm	12.84	16.64	0.57
19	*Direct Run Off*	(12)-(13)	mm	10.14	13.14	0.45
20	*Run Off*	(18)+(19)	mm/bln	22.98	29.78	1.02
21	Debit (x1000)	(20)*C*A	m3/bln	47025.26	60938.06	2086.92
22	Debit		m3/dtk	0.0181	0.0228	0.0008
23	Jumlah Hari			30	31	30

Sumber : Hasil perhitungan, 2020

Juli – September (2011)

Uraian			Unit	Juli	Ags	Sep
1	Curah Hujan (R)		mm	12	0	0
2	Hari Hujan (n)			1	0	0
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	107.49	137.62	163.77
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.26	0.27	0.27
6	dE	(3)*(5)	mm	27.41	37.16	44.22
7	Et1 = Eto-De	(3)-(6)	mm	80.08	100.47	119.55
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-68.58	-100.47	-119.55
9	*Run Off Storm*	10% * (1)	mm	1.15	0.00	0.00
10	*Soil Storage (IS)*	(8)-(9)	mm	-69.73	-100.47	-119.55
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-59.73	-90.47	-109.55
12	*Water Surplus*	(8)-(10)	mm	1.15	0.00	0.00
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.46	0.00	0.00
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.41	0.00	0.00
15	k*V(n-1)		mm	59.88	48.23	38.59
16	*Storage Volume (Vn)*	(14)+(15)	mm	60.29	48.23	38.59
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-0.41	0.00	0.00
18	*Base Flow*	(13)-(17)	mm	0.87	0.00	0.00
19	*Direct Run Off*	(12)-(13)	mm	0.69	0.00	0.00
20	*Run Off*	(18)+(19)	mm/bln	1.56	0.00	0.00
21	Debit (x1000)	(20)*C*A	m3/bln	3199.94	0.00	0.00
22	Debit		m3/dtk	0.001195	0.000000	0.000000
23	Jumlah Hari			31	31	30

Sumber : Hasil perhitungan, 2020

Oktober – Desember (2011)

Uraian			Unit	Okt	Nov	Des
1	Curah Hujan (R)		mm	54	219	289
2	Hari Hujan (n)			2	13	13
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	171.95	158.23	158.37
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.24	0.08	0.08
6	dE	(3)*(5)	mm	41.27	13.05	13.07
7	Et1 = Eto-De	(3)-(6)	mm	130.68	145.18	145.30
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-77.18	73.82	143.20
9	*Run Off Storm*	10% * (1)	mm	5.35	21.9	28.85
10	*Soil Storage (IS)*	(8)-(9)	mm	-82.53	51.92	114.35
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-72.53	61.92	124.35
12	*Water Surplus*	(8)-(10)	mm	5.35	21.90	28.85
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	2.14	8.76	11.54
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	1.93	7.88	10.39
15	k*V(n-1)		mm	30.87	26.24	27.30
16	*Storage Volume (Vn)*	(14)+(15)	mm	32.79	34.12	37.68
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-1.93	-7.88	-10.39
18	*Base Flow*	(13)-(17)	mm	4.07	16.64	21.93
19	*Direct Run Off*	(12)-(13)	mm	3.21	13.14	17.31
20	*Run Off*	(18)+(19)	mm/bln	7.28	29.78	39.24
21	Debit (x1000)	(20)*C*A	m3/bln	14886.70	60938.06	80276.86
22	Debit		m3/dtk	0.0056	0.0235	0.0300
23	Jumlah Hari			31	30	31

Sumber : Hasil perhitungan, 2020

Januari – Maret (2012)

Uraian			Unit	Jan	Feb	Mar
1	Curah Hujan (R)		mm	150	238	141
2	Hari Hujan (n)			6	11	11
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	137.81	125.96	111.86
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.18	0.11	0.11
6	dE	(3)*(5)	mm	24.81	14.17	12.58
7	Et1 = Eto-De	(3)-(6)	mm	113.01	111.79	99.27
Water Balance						
8	S = R-Et1	(1)-(7)	mm	36.99	125.71	41.23
9	*Run Off Storm*	10% * (1)	mm	15.00	23.75	14.05
10	*Soil Storage (IS)*	(8)-(9)	mm	21.99	101.96	27.18
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	31.99	111.96	37.18
12	*Water Surplus*	(8)-(10)	mm	15.00	23.75	14.05
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	6.00	9.50	5.62
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	5.40	8.55	5.06
15	k*V(n-1)		mm	160.00	132.32	112.70
16	*Storage Volume (Vn)*	(14)+(15)	mm	165.40	140.87	117.75
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-5.40	-8.55	-5.06
18	*Base Flow*	(13)-(17)	mm	11.40	18.05	10.68
19	*Direct Run Off*	(12)-(13)	mm	9.00	14.25	8.43
20	*Run Off*	(18)+(19)	mm/bln	20.40	32.30	19.11
21	Debit (x1000)	(20)*C*A	m3/bln	41738.40	66085.80	39094.97
22	Debit		m3/dtk	0.0156	0.0264	0.0146
23	Jumlah Hari			31	29	31

Sumber : Hasil perhitungan, 2020

April – Juni (2012)

Uraian			Unit	Apr	Mei	Juni
1	Curah Hujan (R)		mm	22	67	11
2	Hari Hujan (n)			3	6	2
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	109.34	99.74	89.69
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.23	0.18	0.25
6	dE	(3)*(5)	mm	24.60	17.95	22.20
7	Et1 = Eto-De	(3)-(6)	mm	84.74	81.78	67.49
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-62.74	-15.28	-56.49
9	*Run Off Storm*	10% * (1)	mm	2.20	6.65	1.10
10	*Soil Storage (IS)*	(8)-(9)	mm	-64.94	-21.93	-57.59
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-54.94	-11.93	-47.59
12	*Water Surplus*	(8)-(10)	mm	2.20	6.65	1.10
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.88	2.66	0.44
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.79	2.39	0.40
15	k*V(n-1)		mm	94.20	76.00	62.71
16	*Storage Volume (Vn)*	(14)+(15)	mm	95.00	78.39	63.11
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-0.79	-2.39	-0.40
18	*Base Flow*	(13)-(17)	mm	1.67	5.05	0.84
19	*Direct Run Off*	(12)-(13)	mm	1.32	3.99	0.66
20	*Run Off*	(18)+(19)	mm/bln	2.99	9.04	1.50
21	Debit (x1000)	(20)*C*A	m3/bln	6121.63	18504.02	3060.82
22	Debit		m3/dtk	0.0024	0.0069	0.0012
23	Jumlah Hari			30	31	30

Sumber : Hasil perhitungan, 2020

Juli – September (2012)

Uraian			Unit	Juli	Ags	Sep
1	Curah Hujan (R)		mm	0	0	0
2	Hari Hujan (n)			0	0	0
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	107.49	137.62	163.77
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.27	0.27	0.27
6	dE	(3)*(5)	mm	29.02	37.16	44.22
7	Et1 = Eto-De	(3)-(6)	mm	78.47	100.47	119.55
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-78.47	-100.47	-119.55
9	*Run Off Storm*	10% * (1)	mm	0.00	0.00	0.00
10	*Soil Storage (IS)*	(8)-(9)	mm	-78.47	-100.47	-119.55
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-68.47	-90.47	-109.55
12	*Water Surplus*	(8)-(10)	mm	0.00	0.00	0.00
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.00	0.00	0.00
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.00	0.00	0.00
15	k*V(n-1)		mm	50.49	40.39	32.31
16	*Storage Volume (Vn)*	(14)+(15)	mm	50.49	40.39	32.31
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	0.00	0.00	0.00
18	*Base Flow*	(13)-(17)	mm	0.00	0.00	0.00
19	*Direct Run Off*	(12)-(13)	mm	0.00	0.00	0.00
20	*Run Off*	(18)+(19)	mm/bln	0.00	0.00	0.00
21	Debit (x1000)	(20)*C*A	m3/bln	0.00	0.00	0.00
22	Debit		m3/dtk	0.00000	0.00000	0.00000
23	Jumlah Hari			31	31	30

Sumber : Hasil perhitungan, 2020

Oktober – Desember (2012)

Uraian			Unit	Okt	Nov	Des
1	Curah Hujan (R)		mm	7	190	311
2	Hari Hujan (n)			1	10	17
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	171.95	158.23	158.37
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.26	0.13	0.02
6	dE	(3)*(5)	mm	45.14	20.17	3.56
7	Et1 = Eto-De	(3)-(6)	mm	126.81	138.05	154.81
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-120.31	51.95	156.19
9	*Run Off Storm*	10% * (1)	mm	0.65	19.00	31.10
10	*Soil Storage (IS)*	(8)-(9)	mm	-120.96	32.95	125.09
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-110.96	42.95	135.09
12	*Water Surplus*	(8)-(10)	mm	0.65	19.00	31.10
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.26	7.60	12.44
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.23	6.84	11.20
15	k*V(n-1)		mm	25.85	20.87	22.17
16	*Storage Volume (Vn)*	(14)+(15)	mm	26.08	27.71	33.36
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-0.23	-6.84	-11.20
18	*Base Flow*	(13)-(17)	mm	0.49	14.44	23.64
19	*Direct Run Off*	(12)-(13)	mm	0.39	11.40	18.66
20	*Run Off*	(18)+(19)	mm/bln	0.88	25.84	42.30
21	Debit (x1000)	(20)*C*A	m3/bln	1808.66	52868.64	86537.62
22	Debit		m3/dtk	0.0007	0.0204	0.0323
23	Jumlah Hari			31	30	31

Sumber : Hasil perhitungan, 2020

Januari – Maret (2013)

Uraian			Unit	Jan	Feb	Mar
1	Curah Hujan (R)		mm	348	359	114
2	Hari Hujan (n)			18	15	9
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	137.81	125.96	111.86
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.00	0.05	0.14
6	dE	(3)*(5)	mm	0.00	6.61	15.10
7	Et1 = Eto-De	(3)-(6)	mm	137.81	119.35	96.76
Water Balance						
8	S = R-Et1	(1)-(7)	mm	210.19	239.65	17.24
9	*Run Off Storm*	10% * (1)	mm	34.80	35.90	11.40
10	*Soil Storage (IS)*	(8)-(9)	mm	175.39	203.75	5.84
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	185.39	213.75	15.84
12	*Water Surplus*	(8)-(10)	mm	34.80	35.90	11.40
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	13.92	14.36	4.56
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	12.53	12.92	4.10
15	k*V(n-1)		mm	160.00	138.02	120.76
16	*Storage Volume (Vn)*	(14)+(15)	mm	172.53	150.95	124.86
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-12.53	-12.92	-4.10
18	*Base Flow*	(13)-(17)	mm	26.45	27.28	8.66
19	*Direct Run Off*	(12)-(13)	mm	20.88	21.54	6.84
20	*Run Off*	(18)+(19)	mm/bln	47.33	48.82	15.50
21	Debit (x1000)	(20)*C*A	m3/bln	96833.09	99893.90	31721.18
22	Debit		m3/dtk	0.0362	0.0413	0.0118
23	Jumlah Hari			31	28	31

Sumber : Hasil perhitungan, 2020

April – Juni (2013)

Uraian			Unit	Apr	Mei	Juni
1	Curah Hujan (R)		mm	307	86	226
2	Hari Hujan (n)			10	5	13
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	109.34	99.74	89.69
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.12	0.20	0.08
6	dE	(3)*(5)	mm	13.12	19.45	6.73
7	Et1 = Eto-De	(3)-(6)	mm	96.22	80.29	82.97
Water Balance						
8	S = R-Et1	(1)-(7)	mm	210.78	5.71	143.03
9	*Run Off Storm*	10% * (1)	mm	30.70	8.60	22.60
10	*Soil Storage (IS)*	(8)-(9)	mm	180.08	-2.89	120.43
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	190.08	7.11	130.43
12	*Water Surplus*	(8)-(10)	mm	30.70	8.60	22.60
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	12.28	3.44	9.04
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	11.05	3.10	8.14
15	k*V(n-1)		mm	99.89	88.75	73.48
16	*Storage Volume (Vn)*	(14)+(15)	mm	110.94	91.85	81.61
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-11.05	-3.10	-8.14
18	*Base Flow*	(13)-(17)	mm	23.33	6.54	17.18
19	*Direct Run Off*	(12)-(13)	mm	18.42	5.16	13.56
20	*Run Off*	(18)+(19)	mm/bln	41.75	11.70	30.74
21	Debit (x1000)	(20)*C*A	m3/bln	85424.59	23930.02	62885.86
22	Debit		m3/dtk	0.0330	0.0089	0.0243
23	Jumlah Hari			30	31	30

Sumber : Hasil perhitungan, 2020

Juli – September (2013)

Uraian			Unit	Juli	Ags	Sep
1	Curah Hujan (R)		mm	98	19	0
2	Hari Hujan (n)			6	2	0
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	107.49	137.62	163.77
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.18	0.24	0.27
6	dE	(3)*(5)	mm	19.35	33.03	44.22
7	Et1 = Eto-De	(3)-(6)	mm	88.14	104.59	119.55
Water Balance						
8	S = R-Et1	(1)-(7)	mm	9.36	-85.59	-119.55
9	*Run Off Storm*	10% * (1)	mm	9.75	1.90	0.00
10	*Soil Storage (IS)*	(8)-(9)	mm	-0.39	-87.49	-119.55
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	9.61	-77.49	-109.55
12	*Water Surplus*	(8)-(10)	mm	9.75	1.90	0.00
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	3.90	0.76	0.00
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	3.51	0.68	0.00
15	k*V(n-1)		mm	65.29	55.04	44.58
16	*Storage Volume (Vn)*	(14)+(15)	mm	68.80	55.73	44.58
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-3.51	-0.68	0.00
18	*Base Flow*	(13)-(17)	mm	7.41	1.44	0.00
19	*Direct Run Off*	(12)-(13)	mm	5.85	1.14	0.00
20	*Run Off*	(18)+(19)	mm/bln	13.26	2.58	0.00
21	Debit (x1000)	(20)*C*A	m3/bln	27129.96	5286.86	0.00
22	Debit		m3/dtk	0.01013	0.00197	0.00000
23	Jumlah Hari			31	31	30

Sumber : Hasil perhitungan, 2020

Oktober – Desember (2013)

Uraian			Unit	Okt	Nov	Des
1	Curah Hujan (R)		mm	12	179	425
2	Hari Hujan (n)			1	8	20
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	171.95	158.23	158.37
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.26	0.16	-0.03
6	dE	(3)*(5)	mm	43.85	24.92	-4.75
7	Et1 = Eto-De	(3)-(6)	mm	128.10	133.31	163.12
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-116.60	45.69	261.88
9	*Run Off Storm*	10% * (1)	mm	1.15	17.90	42.50
10	*Soil Storage (IS)*	(8)-(9)	mm	-117.75	27.79	219.38
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-107.75	37.79	229.38
12	*Water Surplus*	(8)-(10)	mm	1.15	17.90	42.50
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.46	7.16	17.00
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.41	6.44	15.30
15	k*V(n-1)		mm	35.66	28.86	28.25
16	*Storage Volume (Vn)*	(14)+(15)	mm	36.08	35.31	43.55
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-0.41	-6.44	-15.30
18	*Base Flow*	(13)-(17)	mm	0.87	13.60	32.30
19	*Direct Run Off*	(12)-(13)	mm	0.69	10.74	25.50
20	*Run Off*	(18)+(19)	mm/bln	1.56	24.34	57.80
21	Debit (x1000)	(20)*C*A	m3/bln	3199.94	49807.82	118258.80
22	Debit		m3/dtk	0.0012	0.0192	0.0442
23	Jumlah Hari			31	30	31

Sumber : Hasil perhitungan, 2020

Januari – Maret (2014)

Uraian			Unit	Jan	Feb	Mar
1	Curah Hujan (R)		mm	114	359	114
2	Hari Hujan (n)			9	15	9
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	137.81	125.96	111.86
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.14	0.05	0.14
6	dE	(3)*(5)	mm	18.60	6.61	15.10
7	Et1 = Eto-De	(3)-(6)	mm	119.21	119.35	96.76
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-5.21	239.65	17.24
9	*Run Off Storm*	10% * (1)	mm	11.40	35.90	11.40
10	*Soil Storage (IS)*	(8)-(9)	mm	-16.61	203.75	5.84
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-6.61	213.75	15.84
12	*Water Surplus*	(8)-(10)	mm	11.40	35.90	11.40
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	4.56	14.36	4.56
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	4.10	12.92	4.10
15	k*V(n-1)		mm	160.00	131.28	115.37
16	*Storage Volume (Vn)*	(14)+(15)	mm	164.10	144.21	119.47
17	dVn=Vn-V(n-1)	(15)-(16)	mm	-4.10	-12.92	-4.10
18	*Base Flow*	(13)-(17)	mm	8.66	27.28	8.66
19	*Direct Run Off*	(12)-(13)	mm	6.84	21.54	6.84
20	*Run Off*	(18)+(19)	mm/bln	15.50	48.82	15.50
21	Debit (x1000)	(20)*C*A	m3/bln	31721.18	99893.90	31721.18
22	Debit		m3/dtk	0.0118	0.0413	0.0118
23	Jumlah Hari			31	28	31

Sumber : Hasil perhitungan, 2020

April – Juni (2014)

Uraian			Unit	Apr	Mei	Juni
1	Curah Hujan (R)		mm	307	86	226
2	Hari Hujan (n)			10	5	13
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	109.34	99.74	89.69
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.12	0.20	0.08
6	dE	(3)*(5)	mm	13.12	19.45	6.73
7	Et1 = Eto-De	(3)-(6)	mm	96.22	80.29	82.97
Water Balance						
8	S = R-Et1	(1)-(7)	mm	210.78	5.71	143.03
9	*Run Off Storm*	10% * (1)	mm	30.70	8.60	22.60
10	*Soil Storage (IS)*	(8)-(9)	mm	180.08	-2.89	120.43
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	190.08	7.11	130.43
12	*Water Surplus*	(8)-(10)	mm	30.70	8.60	22.60
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	12.28	3.44	9.04
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	11.05	3.10	8.14
15	k*V(n-1)		mm	95.58	85.30	70.72
16	*Storage Volume (Vn)*	(14)+(15)	mm	106.63	88.40	78.85
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-11.05	-3.10	-8.14
18	*Base Flow*	(13)-(17)	mm	23.33	6.54	17.18
19	*Direct Run Off*	(12)-(13)	mm	18.42	5.16	13.56
20	*Run Off*	(18)+(19)	mm/bln	41.75	11.70	30.74
21	Debit (x1000)	(20)*C*A	m3/bln	85424.59	23930.02	62885.86
22	Debit		m3/dtk	0.0330	0.0089	0.0243

Sumber : Hasil perhitungan, 2020

Juli – September (2014)

Uraian			Unit	Juli	Ags	Sep
1	Curah Hujan (R)		mm	0	19	0
2	Hari Hujan (n)			0	2	0
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	107.49	137.62	163.77
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.27	0.24	0.27
6	dE	(3)*(5)	mm	29.02	33.03	44.22
7	Et1 = Eto-De	(3)-(6)	mm	78.47	104.59	119.55
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-78.47	-85.59	-119.55
9	*Run Off Storm*	10% * (1)	mm	0.00	1.90	0.00
10	*Soil Storage (IS)*	(8)-(9)	mm	-78.47	-87.49	-119.55
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-68.47	-77.49	-109.55
12	*Water Surplus*	(8)-(10)	mm	0.00	1.90	0.00
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.00	0.76	0.00
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.00	0.68	0.00
15	k*V(n-1)		mm	63.08	50.47	40.92
16	*Storage Volume (Vn)*	(14)+(15)	mm	63.08	51.15	40.92
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	0.00	-0.68	0.00
18	*Base Flow*	(13)-(17)	mm	0.00	1.44	0.00
19	*Direct Run Off*	(12)-(13)	mm	0.00	1.14	0.00
20	*Run Off*	(18)+(19)	mm/bln	0.00	2.58	0.00
21	Debit (x1000)	(20)*C*A	m3/bln	0.00	5286.86	0.00
22	Debit		m3/dtk	0.00000	0.00197	0.00000
23	Jumlah Hari			31	31	30

Sumber : Hasil perhitungan, 2020

Oktober – Desember (2014)

Uraian			Unit	Okt	Nov	Des
1	Curah Hujan (R)		mm	0	94	319
2	Hari Hujan (n)			0	5	16
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	171.95	158.23	158.37
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.27	0.20	0.03
6	dE	(3)*(5)	mm	46.43	32.04	4.75
7	Et1 = Eto-De	(3)-(6)	mm	125.52	126.19	153.62
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-125.52	-32.19	164.88
9	*Run Off Storm*	10% * (1)	mm	0.00	9.40	31.85
10	*Soil Storage (IS)*	(8)-(9)	mm	-125.52	-41.59	133.03
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-115.52	-31.59	143.03
12	*Water Surplus*	(8)-(10)	mm	0.00	9.40	31.85
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.00	3.76	12.74
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.00	3.38	11.47
15	k*V(n-1)		mm	32.74	26.19	23.66
16	*Storage Volume (Vn)*	(14)+(15)	mm	32.74	29.57	35.12
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	0.00	-3.38	-11.47
18	*Base Flow*	(13)-(17)	mm	0.00	7.14	24.21
19	*Direct Run Off*	(12)-(13)	mm	0.00	5.64	19.11
20	*Run Off*	(18)+(19)	mm/bln	0.00	12.78	43.32
21	Debit (x1000)	(20)*C*A	m3/bln	0.00	26156.06	88624.54
22	Debit		m3/dtk	0.00000	0.01009	0.03309
23	Jumlah Hari			31	30	31

Sumber : Hasil perhitungan, 2020

Januari – Maret (2015)

Uraian			Unit	Jan	Feb	Mar
1	Curah Hujan (R)		mm	203	713	323
2	Hari Hujan (n)			8	18	18
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	137.81	125.96	111.86
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.15	0.00	0.01
6	dE	(3)*(5)	mm	20.67	0.00	0.84
7	Et1 = Eto-De	(3)-(6)	mm	117.14	125.96	111.02
Water Balance						
8	S = R-Et1	(1)-(7)	mm	85.86	587.04	211.48
9	*Run Off Storm*	10% * (1)	mm	20.30	71.30	32.25
10	*Soil Storage (IS)*	(8)-(9)	mm	65.56	515.74	179.23
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	75.56	525.74	189.23
12	*Water Surplus*	(8)-(10)	mm	20.30	71.30	32.25
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	8.12	28.52	12.90
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	7.31	25.67	11.61
15	k*V(n-1)		mm	160.00	133.85	127.61
16	*Storage Volume (Vn)*	(14)+(15)	mm	167.31	159.51	139.22
17	dVn=Vn-V(n-1)	(15)-(16)	mm	-7.31	-25.67	-11.61
18	*Base Flow*	(13)-(17)	mm	15.43	54.19	24.51
19	*Direct Run Off*	(12)-(13)	mm	12.18	42.78	19.35
20	*Run Off*	(18)+(19)	mm/bln	27.61	96.97	43.86
21	Debit (x1000)	(20)*C*A	m3/bln	56485.97	198396.53	89737.56
22	Debit		m3/dtk	0.0211	0.0820	0.0335
23	Jumlah Hari			31	28	31

Sumber : Hasil perhitungan, 2020

April – Juni (2015)

Uraian			Unit	Apr	Mei	Juni
1	Curah Hujan (R)		mm	247	59	0
2	Hari Hujan (n)			16	6	0
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	109.34	99.74	89.69
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.03	0.18	0.27
6	dE	(3)*(5)	mm	3.28	17.95	24.22
7	Et1 = Eto-De	(3)-(6)	mm	106.06	81.78	65.48
Water Balance						
8	S = R-Et1	(1)-(7)	mm	140.94	-23.28	-65.48
9	*Run Off Storm*	10% * (1)	mm	24.70	5.85	0.00
10	*Soil Storage (IS)*	(8)-(9)	mm	116.24	-29.13	-65.48
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	126.24	-19.13	-55.48
12	*Water Surplus*	(8)-(10)	mm	24.70	5.85	0.00
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	9.88	2.34	0.00
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	8.89	2.11	0.00
15	k*V(n-1)		mm	111.38	96.22	78.66
16	*Storage Volume (Vn)*	(14)+(15)	mm	120.27	98.32	78.66
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-8.89	-2.11	0.00
18	*Base Flow*	(13)-(17)	mm	18.77	4.45	0.00
19	*Direct Run Off*	(12)-(13)	mm	14.82	3.51	0.00
20	*Run Off*	(18)+(19)	mm/bln	33.59	7.96	0.00
21	Debit (x1000)	(20)*C*A	m3/bln	68729.23	16277.98	0.00
22	Debit		m3/dtk	0.0265	0.0061	0.0000
23	Jumlah Hari			30	31	30

Sumber : Hasil perhitungan, 2020

Juli – September (2015)

Uraian			Unit	Juli	Ags	Sep
1	Curah Hujan (R)		mm	0	0	0
2	Hari Hujan (n)			0	0	0
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	107.49	137.62	163.77
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.27	0.27	0.27
6	dE	(3)*(5)	mm	29.02	37.16	44.22
7	Et1 = Eto-De	(3)-(6)	mm	78.47	100.47	119.55
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-78.47	-100.47	-119.55
9	*Run Off Storm*	10% * (1)	mm	0.00	0.00	0.00
10	*Soil Storage (IS)*	(8)-(9)	mm	-78.47	-100.47	-119.55
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-68.47	-90.47	-109.55
12	*Water Surplus*	(8)-(10)	mm	0.00	0.00	0.00
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.00	0.00	0.00
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.00	0.00	0.00
15	k*V(n-1)		mm	62.93	50.34	40.27
16	*Storage Volume (Vn)*	(14)+(15)	mm	62.93	50.34	40.27
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	0.00	0.00	0.00
18	*Base Flow*	(13)-(17)	mm	0.00	0.00	0.00
19	*Direct Run Off*	(12)-(13)	mm	0.00	0.00	0.00
20	*Run Off*	(18)+(19)	mm/bln	0.00	0.00	0.00
21	Debit (x1000)	(20)*C*A	m3/bln	0.00	0.00	0.00
22	Debit		m3/dtk	0.00000	0.00000	0.00000
23	Jumlah Hari			31	31	30

Sumber : Hasil perhitungan, 2020

Oktober – Desember (2015)

Uraian			Unit	Okt	Nov	Des
1	Curah Hujan (R)		mm	0	77	309
2	Hari Hujan (n)			0	7	19
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	171.95	158.23	158.37
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.27	0.17	-0.01
6	dE	(3)*(5)	mm	46.43	27.29	-1.19
7	Et1 = Eto-De	(3)-(6)	mm	125.52	130.93	159.56
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-125.52	-53.93	149.44
9	*Run Off Storm*	10% * (1)	mm	0.00	7.70	30.90
10	*Soil Storage (IS)*	(8)-(9)	mm	-125.52	-61.63	118.54
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-115.52	-51.63	128.54
12	*Water Surplus*	(8)-(10)	mm	0.00	7.70	30.90
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.00	3.08	12.36
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.00	2.77	11.12
15	k*V(n-1)		mm	32.22	25.77	22.84
16	*Storage Volume (Vn)*	(14)+(15)	mm	32.22	28.55	33.96
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	0.00	-2.77	-11.12
18	*Base Flow*	(13)-(17)	mm	0.00	5.85	23.48
19	*Direct Run Off*	(12)-(13)	mm	0.00	4.62	18.54
20	*Run Off*	(18)+(19)	mm/bln	0.00	10.47	42.02
21	Debit (x1000)	(20)*C*A	m3/bln	0.00	21425.71	85981.10
22	Debit		m3/dtk	0.00000	0.00827	0.03210
23	Jumlah Hari			31	30	31

Sumber : Hasil perhitungan, 2020

Januari – Maret (2016)

Uraian			Unit	Jan	Feb	Mar
1	Curah Hujan (R)		mm	257	473	329
2	Hari Hujan (n)			14	20	18
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	137.81	125.96	111.86
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.06	-0.02	0.00
6	dE	(3)*(5)	mm	8.27	-2.83	0.00
7	Et1 = Eto-De	(3)-(6)	mm	129.54	128.79	111.86
Water Balance						
8	S = R-Et1	(1)-(7)	mm	126.96	343.71	217.14
9	*Run Off Storm*	10% * (1)	mm	25.65	47.25	32.90
10	*Soil Storage (IS)*	(8)-(9)	mm	101.31	296.46	184.24
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	111.31	306.46	194.24
12	*Water Surplus*	(8)-(10)	mm	25.65	47.25	32.90
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	10.26	18.90	13.16
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	9.23	17.01	11.84
15	k*V(n-1)		mm	160.00	135.39	121.92
16	*Storage Volume (Vn)*	(14)+(15)	mm	169.23	152.40	133.76
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-9.23	-17.01	-11.84
18	*Base Flow*	(13)-(17)	mm	19.49	35.91	25.00
19	*Direct Run Off*	(12)-(13)	mm	15.39	28.35	19.74
20	*Run Off*	(18)+(19)	mm/bln	34.88	64.26	44.74
21	Debit	(20)*C*A	m3/bln	71372.66	131475.96	91546.22
22	Debit		m3/dtk/hari	0.0266	0.0525	0.0342
23	Jumlah Hari			31	29	31

Sumber : Hasil perhitungan, 2020

April – Juni (2016)

Uraian			Unit	Apr	Mei	Juni
1	Curah Hujan (R)		mm	158	207	143
2	Hari Hujan (n)			10	9	7
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	109.34	99.74	89.69
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.13	0.14	0.17
6	dE	(3)*(5)	mm	13.94	14.21	14.80
7	Et1 = Eto-De	(3)-(6)	mm	95.40	85.52	74.89
Water Balance						
8	S = R-Et1	(1)-(7)	mm	62.10	121.48	67.61
9	*Run Off Storm*	10% * (1)	mm	15.75	20.70	14.25
10	*Soil Storage (IS)*	(8)-(9)	mm	46.35	100.78	53.36
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	56.35	110.78	63.36
12	*Water Surplus*	(8)-(10)	mm	15.75	20.70	14.25
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	6.30	8.28	5.70
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	5.67	7.45	5.13
15	k*V(n-1)		mm	107.01	90.14	78.08
16	*Storage Volume (Vn)*	(14)+(15)	mm	112.68	97.60	83.21
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-5.67	-7.45	-5.13
18	*Base Flow*	(13)-(17)	mm	11.97	15.73	10.83
19	*Direct Run Off*	(12)-(13)	mm	9.45	12.42	8.55
20	*Run Off*	(18)+(19)	mm/bln	21.42	28.15	19.38
21	Debit (x1000)	(20)*C*A	m3/bln	43825.32	57598.99	39651.48
22	Debit		m3/dtk	0.0169	0.0215	0.0153
23	Jumlah Hari			30	31	30

Sumber : Hasil perhitungan, 2020

Juli – September (2016)

Uraian			Unit	Juli	Ags	Sep
1	Curah Hujan (R)		mm	28	62	151
2	Hari Hujan (n)			5	4	8
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	107.49	137.62	163.77
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.20	0.22	0.16
6	dE	(3)*(5)	mm	20.96	29.93	25.79
7	Et1 = Eto-De	(3)-(6)	mm	86.53	107.69	137.97
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-58.53	-46.19	12.53
9	*Run Off Storm*	10% * (1)	mm	2.80	6.15	15.05
10	*Soil Storage (IS)*	(8)-(9)	mm	-61.33	-52.34	-2.52
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-51.33	-42.34	7.48
12	*Water Surplus*	(8)-(10)	mm	2.80	6.15	15.05
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	1.12	2.46	6.02
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	1.01	2.21	5.42
15	k*V(n-1)		mm	66.57	54.06	45.02
16	*Storage Volume (Vn)*	(14)+(15)	mm	67.57	56.27	50.44
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-1.01	-2.21	-5.42
18	*Base Flow*	(13)-(17)	mm	2.13	4.67	11.44
19	*Direct Run Off*	(12)-(13)	mm	1.68	3.69	9.03
20	*Run Off*	(18)+(19)	mm/bln	3.81	8.36	20.47
21	Debit (x1000)	(20)*C*A	m3/bln	7791.17	17112.74	41877.53
22	Debit		m3/dtk	0.0029	0.0064	0.0162
23	Jumlah Hari			31	31	30

Sumber : Hasil perhitungan, 2020

Oktober – Desember (2016)

Uraian			Unit	Okt	Nov	Des
1	Curah Hujan (R)		mm	174	532	227
2	Hari Hujan (n)			12	15	13
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	171.95	158.23	158.37
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.10	0.05	0.08
6	dE	(3)*(5)	mm	16.76	7.12	11.88
7	Et1 = Eto-De	(3)-(6)	mm	155.18	151.11	146.49
Water Balance						
8	S = R-Et1	(1)-(7)	mm	18.32	380.89	80.51
9	*Run Off Storm*	10% * (1)	mm	17.35	53.20	22.70
10	*Soil Storage (IS)*	(8)-(9)	mm	0.97	327.69	57.81
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	10.97	337.69	67.81
12	*Water Surplus*	(8)-(10)	mm	17.35	53.20	22.70
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	6.94	21.28	9.08
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	6.25	19.15	8.17
15	k*V(n-1)		mm	40.35	37.28	45.14
16	*Storage Volume (Vn)*	(14)+(15)	mm	46.59	56.43	53.31
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-6.25	-19.15	-8.17
18	*Base Flow*	(13)-(17)	mm	13.19	40.43	17.25
19	*Direct Run Off*	(12)-(13)	mm	10.41	31.92	13.62
20	*Run Off*	(18)+(19)	mm/bln	23.60	72.35	30.87
21	Debit (x1000)	(20)*C*A	m3/bln	48277.42	148032.19	63164.11
22	Debit		m3/dtk	0.0180	0.0571	0.0236
23	Jumlah Hari			31	30	31

Sumber : Hasil perhitungan, 2020

Januari – Maret (2017)

Uraian			Unit	Jan	Feb	Mar
1	Curah Hujan (R)		mm	441	332	374
2	Hari Hujan (n)			21	18	16
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	137.81	125.96	111.86
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			-0.05	0.00	0.03
6	dE	(3)*(5)	mm	-6.20	0.00	3.36
7	Et1 = Eto-De	(3)-(6)	mm	144.02	125.96	108.50
Water Balance						
8	S = R-Et1	(1)-(7)	mm	296.98	206.04	265.00
9	*Run Off Storm*	10% * (1)	mm	44.10	33.20	37.35
10	*Soil Storage (IS)*	(8)-(9)	mm	252.88	172.84	227.65
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	262.88	182.84	237.65
12	*Water Surplus*	(8)-(10)	mm	44.10	33.20	37.35
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	17.64	13.28	14.94
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	15.88	11.95	13.45
15	k*V(n-1)		mm	160.00	128.00	102.40
16	*Storage Volume (Vn)*	(14)+(15)	mm	175.88	139.95	115.85
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-15.88	-11.95	-13.45
18	*Base Flow*	(13)-(17)	mm	175.88	25.23	28.39
19	*Direct Run Off*	(12)-(13)	mm	26.46	19.92	22.41
20	*Run Off*	(18)+(19)	mm/bln	202.34	45.15	50.80
21	Debit (x1000)	(20)*C*A	m3/bln	413979.46	92380.99	103928.62
22	Debit		m3/dtk	0.1546	0.0382	0.0388
23	Jumlah Hari			31	28	31

Sumber : Hasil perhitungan, 2020

April – Juni (2017)

Uraian			Unit	Apr	Mei	Juni
1	Curah Hujan (R)		mm	105	64	38
2	Hari Hujan (n)			7	4	4
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	109.34	99.74	89.69
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.17	0.22	0.21
6	dE	(3)*(5)	mm	18.86	21.69	18.84
7	Et1 = Eto-De	(3)-(6)	mm	90.48	78.04	70.86
Water Balance						
8	S = R-Et1	(1)-(7)	mm	14.52	-14.54	-32.86
9	*Run Off Storm*	10% * (1)	mm	10.50	6.35	3.80
10	*Soil Storage (IS)*	(8)-(9)	mm	4.02	-20.89	-36.66
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	14.02	-10.89	-26.66
12	*Water Surplus*	(8)-(10)	mm	10.50	6.35	3.80
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	4.20	2.54	1.52
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	3.78	2.29	1.37
15	k*V(n-1)		mm	92.68	77.17	63.56
16	*Storage Volume (Vn)*	(14)+(15)	mm	96.46	79.45	64.93
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-3.78	-2.29	-1.37
18	*Base Flow*	(13)-(17)	mm	7.98	4.83	2.89
19	*Direct Run Off*	(12)-(13)	mm	6.30	3.81	2.28
20	*Run Off*	(18)+(19)	mm/bln	14.28	8.64	5.17
21	Debit (x1000)	(20)*C*A	m3/bln	29216.88	17669.26	10573.73
22	Debit		m3/dtk	0.0113	0.0066	0.0041
23	Jumlah Hari			30	31	30

Sumber : Hasil perhitungan, 2020

Juli – September (2017)

Uraian			Unit	Juli	Ags	Sep
1	Curah Hujan (R)		mm	19	0	13
2	Hari Hujan (n)			1	0	2
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	107.49	137.62	163.77
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.26	0.27	0.24
6	dE	(3)*(5)	mm	27.41	37.16	39.30
7	Et1 = Eto-De	(3)-(6)	mm	80.08	100.47	124.46
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-61.58	-100.47	-111.96
9	*Run Off Storm*	10% * (1)	mm	1.85	0.00	1.25
10	*Soil Storage (IS)*	(8)-(9)	mm	-63.43	-100.47	-113.21
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-53.43	-90.47	-103.21
12	*Water Surplus*	(8)-(10)	mm	1.85	0.00	1.25
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.74	0.00	0.50
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.67	0.00	0.45
15	k*V(n-1)		mm	51.94	42.09	33.67
16	*Storage Volume (Vn)*	(14)+(15)	mm	52.61	42.09	34.12
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-0.67	0.00	-0.45
18	*Base Flow*	(13)-(17)	mm	1.41	0.00	0.95
19	*Direct Run Off*	(12)-(13)	mm	1.11	0.00	0.75
20	*Run Off*	(18)+(19)	mm/bln	2.52	0.00	1.70
21	Debit (x1000)	(20)*C*A	m3/bln	5147.74	0.00	3478.20
22	Debit		m3/dtk	0.00192	0.00000	0.00134
23	Jumlah Hari			31	31	30

Sumber : Hasil perhitungan, 2020

Oktober – Desember (2017)

Uraian			Unit	Okt	Nov	Des
1	Curah Hujan (R)		mm	60	331	302
2	Hari Hujan (n)			5	16	15
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	171.95	158.23	158.37
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.20	0.03	0.05
6	dE	(3)*(5)	mm	33.53	4.75	7.13
7	Et1 = Eto-De	(3)-(6)	mm	138.42	153.48	151.24
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-78.92	177.02	150.76
9	*Run Off Storm*	10% * (1)	mm	5.95	33.05	30.20
10	*Soil Storage (IS)*	(8)-(9)	mm	-84.87	143.97	120.56
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-74.87	153.97	130.56
12	*Water Surplus*	(8)-(10)	mm	5.95	33.05	30.20
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	2.38	13.22	12.08
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	2.14	11.90	10.87
15	k*V(n-1)		mm	27.30	23.55	28.36
16	*Storage Volume (Vn)*	(14)+(15)	mm	29.44	35.45	39.23
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-2.14	-11.90	-10.87
18	*Base Flow*	(13)-(17)	mm	4.52	25.12	22.95
19	*Direct Run Off*	(12)-(13)	mm	3.57	19.83	18.12
20	*Run Off*	(18)+(19)	mm/bln	8.09	44.95	41.07
21	Debit (x1000)	(20)*C*A	m3/bln	16556.23	91963.61	84033.31
22	Debit		m3/dtk	0.0062	0.0355	0.0314
23	Jumlah Hari			31	30	31

Sumber : Hasil perhitungan, 2020

Januari – Maret (2018)

Uraian			Unit	Jan	Feb	Mar
1	Curah Hujan (R)		mm	231	474	187
2	Hari Hujan (n)			17	20	14
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	137.81	125.96	111.86
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.02	-0.02	0.07
6	dE	(3)*(5)	mm	3.10	-2.83	7.55
7	Et1 = Eto-De	(3)-(6)	mm	134.71	128.79	104.31
Water Balance						
8	S = R-Et1	(1)-(7)	mm	96.29	345.21	82.69
9	*Run Off Storm*	10% * (1)	mm	23.10	47.40	18.70
10	*Soil Storage (IS)*	(8)-(9)	mm	73.19	297.81	63.99
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	83.19	307.81	73.99
12	*Water Surplus*	(8)-(10)	mm	23.10	47.40	18.70
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	9.24	18.96	7.48
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	8.32	17.06	6.73
15	k*V(n-1)		mm	160.00	134.65	121.37
16	*Storage Volume (Vn)*	(14)+(15)	mm	168.32	151.72	128.11
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-8.32	-17.06	-6.73
18	*Base Flow*	(13)-(17)	mm	17.56	36.02	14.21
19	*Direct Run Off*	(12)-(13)	mm	13.86	28.44	11.22
20	*Run Off*	(18)+(19)	mm/bln	31.42	64.46	25.43
21	Debit (x1000)	(20)*C*A	m3/bln	64277.14	131893.34	52033.87
22	Debit		m3/dtk	0.0240	0.0545	0.0194
23	Jumlah Hari			31	28	31

Sumber : Hasil perhitungan, 2020

April – Juni (2018)

Uraian			Unit	Apr	Mei	Juni
1	Curah Hujan (R)		mm	98	4	68
2	Hari Hujan (n)			8	2	4
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	109.34	99.74	89.69
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.16	0.25	0.21
6	dE	(3)*(5)	mm	17.22	24.68	18.84
7	Et1 = Eto-De	(3)-(6)	mm	92.12	75.05	70.86
Water Balance						
8	S = R-Et1	(1)-(7)	mm	5.38	-71.55	-3.36
9	*Run Off Storm*	10% * (1)	mm	9.75	0.35	6.75
10	*Soil Storage (IS)*	(8)-(9)	mm	-4.37	-71.90	-10.11
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	5.63	-61.90	-0.11
12	*Water Surplus*	(8)-(10)	mm	9.75	0.35	6.75
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	3.90	0.14	2.70
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	3.51	0.13	2.43
15	k*V(n-1)		mm	102.48	84.80	67.94
16	*Storage Volume (Vn)*	(14)+(15)	mm	105.99	84.92	70.37
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-3.51	-0.13	-2.43
18	*Base Flow*	(13)-(17)	mm	7.41	0.27	5.13
19	*Direct Run Off*	(12)-(13)	mm	5.85	0.21	4.05
20	*Run Off*	(18)+(19)	mm/bln	13.26	0.48	9.18
21	Debit (x1000)	(20)*C*A	m3/bln	27129.96	973.90	18782.28
22	Debit		m3/dtk	0.0105	0.0004	0.0072
23	Jumlah Hari			30	31	30

Sumber : Hasil perhitungan, 2020

Juli – September (2018)

Uraian			Unit	Juli	Ags	Sep
1	Curah Hujan (R)		mm	0	0	10
2	Hari Hujan (n)			0	0	1
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	107.49	137.62	163.77
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.27	0.27	0.26
6	dE	(3)*(5)	mm	29.02	37.16	42.99
7	Et1 = Eto-De	(3)-(6)	mm	78.47	100.47	120.78
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-78.47	-100.47	-110.78
9	*Run Off Storm*	10% * (1)	mm	0.00	0.00	1.00
10	*Soil Storage (IS)*	(8)-(9)	mm	-78.47	-100.47	-111.78
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-68.47	-90.47	-101.78
12	*Water Surplus*	(8)-(10)	mm	0.00	0.00	1.00
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.00	0.00	0.40
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.00	0.00	0.36
15	k*V(n-1)		mm	56.29	45.03	36.03
16	*Storage Volume (Vn)*	(14)+(15)	mm	56.29	45.03	36.39
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	0.00	0.00	-0.36
18	*Base Flow*	(13)-(17)	mm	0.00	0.00	0.76
19	*Direct Run Off*	(12)-(13)	mm	0.00	0.00	0.60
20	*Run Off*	(18)+(19)	mm/bln	0.00	0.00	1.36
21	Debit (x1000)	(20)*C*A	m3/bln	0.00	0.00	2782.56
22	Debit		m3/dtk	0.00000	0.00000	0.00107
23	Jumlah Hari			31	31	30

Sumber : Hasil perhitungan, 2020

Oktober – Desember (2018)

Uraian			Unit	Okt	Nov	Des
1	Curah Hujan (R)		mm	20	169	152
2	Hari Hujan (n)			1	12	12
Evapotranspirasi Terbatas						
3	Evapotranspirasi (Eto)		mm	171.95	158.23	158.37
4	Lahan Terbuka (m)		%	30.00	30.00	30.00
5	dE/Eto = (m/20)*(18-n)			0.26	0.09	0.09
6	dE	(3)*(5)	mm	45.14	14.24	14.25
7	Et1 = Eto-De	(3)-(6)	mm	126.81	143.99	144.12
Water Balance						
8	S = R-Et1	(1)-(7)	mm	-107.31	25.01	7.38
9	*Run Off Storm*	10% * (1)	mm	1.95	16.90	15.15
10	*Soil Storage (IS)*	(8)-(9)	mm	-109.26	8.11	-7.77
11	*Soil Masture = IS+SMC*	SMC=10	mmHg	-99.26	18.11	2.23
12	*Water Surplus*	(8)-(10)	mm	1.95	16.90	15.15
Run Off and Water Storage						
13	Infitrasi(I), i=0.4	(12)*i	mm	0.78	6.76	6.06
14	0.5*I*(1+k), k=0.8	0.5*(13)*1.8	mm	0.70	6.08	5.45
15	k*V(n-1)		mm	29.11	23.85	23.95
16	*Storage Volume (Vn)*	(14)+(15)	mm	29.81	29.93	29.40
17	dVn=(k*V(n-1))-Vn	(15)-(16)	mm	-0.70	-6.08	-5.45
18	*Base Flow*	(13)-(17)	mm	1.48	12.84	11.51
19	*Direct Run Off*	(12)-(13)	mm	1.17	10.14	9.09
20	*Run Off*	(18)+(19)	mm/bln	2.65	22.98	20.60
21	Debit (x1000)	(20)*C*A	m3/bln	5425.99	47025.26	42155.78
22	Debit		m3/dtk	0.0020	0.0181	0.0157
23	Jumlah Hari			31	30	31

Sumber : Hasil perhitungan, 2020

Analisa kebutuhan air irigasi Alternatif 1

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
I	Jan	I	20.88	4.45	4.89	2.00		LP	LP	LP	LP	9.70	16.59	-4.30	-0.77
		II	20.88	4.45	4.89	2.00		1.10	LP	LP	LP	9.70	16.59	-4.30	-0.77
	Feb	I	15.87	4.50	4.95	2.00		1.10	1.10	LP	LP	9.74	16.68	0.82	0.15
		II	15.87	4.50	4.95	2.00		1.05	1.10	1.10	1.08	4.87	11.82	-4.04	-0.72
	Mar	I	13.98	3.61	3.97	2.00	3.3	1.05	1.05	1.10	1.07	3.85	13.12	-0.86	-0.15
		II	13.98	3.61	3.97	2.00		0.95	1.05	1.05	1.02	3.67	9.64	-4.34	-0.77
	Apr	I	4.25	3.64	4.01	2.00	3.3	0.00	0.95	1.05	0.67	2.43	11.74	7.49	1.33
		II	4.25	3.64	4.01	2.00			0.00	0.95	0.32	1.15	7.16	2.92	0.52
II	Mei	I	5.48	3.22	3.54	2.00		LP	LP	LP	LP	8.78	14.32	8.83	1.57
		II	5.48	3.22	3.54	2.00		1.10	LP	LP	LP	8.78	14.32	8.83	1.57
	Jun	I	0.23	2.99	3.29	2.00		1.10	1.10	LP	LP	8.61	13.90	13.67	2.43
		II	0.23	2.99	3.29	2.00		1.05	1.10	1.10	1.08	8.61	13.90	13.67	2.43
	Jul	I	0.00	3.47	3.81	2.00	3.3	1.05	1.05	1.10	1.07	8.96	18.07	18.07	3.22
		II	0.00	3.47	3.81	2.00		0.95	1.05	1.05	1.02	8.96	14.77	14.77	2.63
	Agu	I	0.00	4.44	4.88	2.00	3.3	0.00	0.95	1.05	0.67	2.96	13.14	13.14	2.34
III		II	0.00	4.44	4.88	2.00			0.00	0.95	0.32	1.41	8.29	8.29	1.48
	Sep	I	0.00	5.46	6.00	2.00		0.50		0.00	0.17	0.91	2.91	2.91	0.52
		II	0.00	5.46	6.00	2.00		0.59	0.50		0.36	1.98	3.98	3.98	0.71
	Okt	I	0.00	5.55	6.10	2.00		0.96	0.59	0.50	0.68	3.79	5.79	5.79	1.03
		II	0.00	5.55	6.10	2.00		1.05	0.96	0.59	0.87	4.81	6.81	6.81	1.21
	Nov	I	5.51	5.27	5.80	2.00		1.02	1.05	0.96	1.01	5.33	7.33	1.82	0.32
		II	5.51	5.27	5.80	2.00		0.95	1.02	1.05	1.01	5.31	7.31	1.80	0.32
	Des	I	2.78	5.11	5.62	2.00			0.95	1.02	0.66	3.35	5.35	2.58	0.46
		II	2.78	5.11	5.62	2.00				0.95	0.32	1.62	3.62	0.84	0.15
	Kebutuhan Air Maksimum							PADI 1						-0.83	-0.15
								PADI 2						12.41	2.21
								PALAWIJA (JAGUNG)						3.32	0.59

Sumber : Hasil perhitungan, 2020

Analisa kebutuhan air irigasi Alternatif 2

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00				0.95	0.32	1.41	3.41	-17.48	-3.11
I		II	20.88	4.45	4.89	2.00		LP	LP	LP	LP	9.70	16.59	-4.30	-0.77
	Feb	I	15.87	4.50	4.95	2.00		1.10	LP	LP	LP	9.74	16.68	0.82	0.15
		II	15.87	4.50	4.95	2.00		1.10	1.10	LP	LP	9.74	16.68	0.82	0.15
	Mar	I	13.98	3.61	3.97	2.00		1.05	1.10	1.10	1.08	3.91	9.88	-4.10	-0.73
		II	13.98	3.61	3.97	2.00	3.3	1.05	1.05	1.10	1.07	3.85	13.12	-0.86	-0.15
	Apr	I	4.25	3.64	4.01	2.00		0.95	1.05	1.05	1.02	3.71	9.71	5.47	0.97
		II	4.25	3.64	4.01	2.00	3.3	0.00	0.95	1.05	0.67	2.43	11.74	7.49	1.33
II	Mei	I	5.48	3.22	3.54	2.00			0.00	0.95	0.32	1.02	6.56	1.07	0.19
		II	5.48	3.22	3.54	2.00		LP	LP	LP	LP	8.78	14.32	8.83	1.57
	Jun	I	0.23	2.99	3.29	2.00		1.10	LP	LP	LP	8.61	13.90	13.67	2.43
		II	0.23	2.99	3.29	2.00		1.10	1.10	LP	LP	8.61	13.90	13.67	2.43
	Jul	I	0.00	3.47	3.81	2.00		1.05	1.10	1.10	1.08	3.76	9.57	9.57	1.70
		II	0.00	3.47	3.81	2.00	3.3	1.05	1.05	1.10	1.07	3.70	12.81	12.81	2.28
	Agu	I	0.00	4.44	4.88	2.00		0.95	1.05	1.05	1.02	4.51	11.40	11.40	2.03
		II	0.00	4.44	4.88	2.00	3.3	0.00	0.95	1.05	0.67	2.96	13.14	13.14	2.34
III	Sep	I	0.00	5.46	6.00	2.00			0.00	0.95	0.32	1.73	9.73	9.73	1.73
		II	0.00	5.46	6.00	2.00		0.50		0.00	0.17	0.91	2.91	2.91	0.52
	Okt	I	0.00	5.55	6.10	2.00		0.59	0.50		0.36	2.02	4.02	4.02	0.71
		II	0.00	5.55	6.10	2.00		0.96	0.59	0.50	0.68	3.79	5.79	5.79	1.03
	Nov	I	5.51	5.27	5.80	2.00		1.05	0.96	0.59	0.87	4.57	6.57	1.06	0.19
		II	5.51	5.27	5.80	2.00		1.02	1.05	0.96	1.01	5.33	7.33	1.82	0.32
	Des	I	2.78	5.11	5.62	2.00		0.95	1.02	1.05	1.01	5.14	7.14	4.37	0.78
		II	2.78	5.11	5.62	2.00			0.95	1.02	0.66	3.35	5.35	2.58	0.46
	Kebutuhan Air Maksimum							PADI 1						0.80	0.14
								PADI 2						11.60	2.07
								PALAWIJA (JAGUNG)						0.63	0.11

Sumber : Hasil perhitungan, 2020

Analisa kebutuhan air irigasi Alternatif 3

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00			0.95	1.02	0.66	2.92	4.92	-15.96	-2.84
		II	20.88	4.45	4.89	2.00				0.95	0.32	1.41	3.41	-17.48	-3.11
I	Feb	I	15.87	4.50	4.95	2.00		LP	LP	LP	LP	9.74	16.68	0.82	0.15
		II	15.87	4.50	4.95	2.00		1.10	LP	LP	LP	9.74	16.68	0.82	0.15
	Mar	I	13.98	3.61	3.97	2.00		1.10	1.10	LP	LP	9.06	15.03	1.06	0.19
		II	13.98	3.61	3.97	2.00		1.05	1.10	1.10	1.08	3.91	9.88	-4.10	-0.73
	Apr	I	4.25	3.64	4.01	2.00	3.3	1.05	1.05	1.10	1.07	3.89	13.20	8.95	1.59
		II	4.25	3.64	4.01	2.00		0.95	1.05	1.05	1.02	3.71	9.71	5.47	0.97
	Mei	I	5.48	3.22	3.54	2.00	3.3	0.00	0.95	1.05	0.67	2.14	10.98	5.50	0.98
		II	5.48	3.22	3.54	2.00			0.00	0.95	0.32	1.02	6.56	1.07	0.19
II	Jun	I	0.23	2.99	3.29	2.00		LP	LP	LP	LP	8.61	13.90	13.67	2.43
		II	0.23	2.99	3.29	2.00		1.10	LP	LP	LP	8.61	13.90	13.67	2.43
	Jul	I	0.00	3.47	3.81	2.00		1.10	1.10	LP	LP	8.96	14.77	14.77	2.63
		II	0.00	3.47	3.81	2.00		1.05	1.10	1.10	1.08	3.76	9.57	9.57	1.70
	Agu	I	0.00	4.44	4.88	2.00	3.3	1.05	1.05	1.10	1.07	4.74	14.92	14.92	2.66
		II	0.00	4.44	4.88	2.00		0.95	1.05	1.05	1.02	4.51	11.40	11.40	2.03
	Sep	I	0.00	5.46	6.00	2.00	3.3	0.00	0.95	1.05	0.67	3.64	14.94	14.94	2.66
III		II	0.00	5.46	6.00	2.00			0.00	0.95	0.32	1.73	9.73	9.73	1.73
	Okt	I	0.00	5.55	6.10	2.00		0.50		0.00	0.17	0.92	2.92	2.92	0.52
		II	0.00	5.55	6.10	2.00		0.59	0.50		0.36	2.02	4.02	4.02	0.71
	Nov	I	5.51	5.27	5.80	2.00		0.96	0.59	0.50	0.68	3.60	5.60	0.10	0.02
		II	5.51	5.27	5.80	2.00		1.05	0.96	0.59	0.87	4.57	6.57	1.06	0.19
	Des	I	2.78	5.11	5.62	2.00		1.02	1.05	0.96	1.01	5.16	7.16	4.38	0.78
		II	2.78	5.11	5.62	2.00		0.95	1.02	1.05	1.01	5.14	7.14	4.37	0.78
	Kebutuhan Air Maksimum							PADI 1						2.45	0.44
								PADI 2						12.83	2.29
								PALAWIJA (JAGUNG)						-2.07	-0.37

Sumber : Hasil perhitungan, 2020

Analisa kebutuhan air irigasi Alternatif 4

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00		0.95	1.02	1.05	1.01	4.48	6.48	-14.41	-2.57
		II	20.88	4.45	4.89	2.00			0.95	1.02	0.66	2.92	4.92	-15.96	-2.84
	Feb	I	15.87	4.50	4.95	2.00				0.95	0.32	1.42	3.42	-12.44	-2.22
I		II	15.87	4.50	4.95	2.00		LP	LP	LP	LP	9.74	16.68	0.82	0.15
	Mar	I	13.98	3.61	3.97	2.00		1.10	LP	LP	LP	9.06	15.03	1.06	0.19
		II	13.98	3.61	3.97	2.00		1.10	1.10	LP	LP	9.06	15.03	1.06	0.19
	Apr	I	4.25	3.64	4.01	2.00		1.05	1.10	1.10	1.08	3.95	9.96	5.71	1.02
		II	4.25	3.64	4.01	2.00	3.3	1.05	1.05	1.10	1.07	3.89	13.20	8.95	1.59
	Mei	I	5.48	3.22	3.54	2.00		0.95	1.05	1.05	1.02	3.27	8.81	3.33	0.59
		II	5.48	3.22	3.54	2.00	3.3	0.00	0.95	1.05	0.67	2.14	10.98	5.50	0.98
	Jun	I	0.23	2.99	3.29	2.00			0.00	0.95	0.32	0.95	6.24	6.00	1.07
		II	0.23	2.99	3.29	2.00		LP	LP	LP	LP	8.61	13.90	13.67	2.43
	Jul	I	0.00	3.47	3.81	2.00		1.10	LP	LP	LP	8.96	14.77	14.77	2.63
		II	0.00	3.47	3.81	2.00		1.10	1.10	LP	LP	8.96	14.77	14.77	2.63
II	Agu	I	0.00	4.44	4.88	2.00	3.3	1.05	1.10	1.10	1.08	4.81	14.99	14.99	2.67
		II	0.00	4.44	4.88	2.00		1.05	1.05	1.10	1.07	4.74	11.62	11.62	2.07
	Sep	I	0.00	5.46	6.00	2.00	3.3	0.95	1.05	1.05	1.02	5.55	16.85	16.85	3.00
		II	0.00	5.46	6.00	2.00		0.00	0.95	1.05	0.67	3.64	11.64	11.64	2.07
	Okt	I	0.00	5.55	6.10	2.00			0.00	0.95	0.32	1.76	9.86	9.86	1.76
		II	0.00	5.55	6.10	2.00		0.50		0.00	0.17	0.92	2.92	2.92	0.52
III	Nov	I	5.51	5.27	5.80	2.00		0.59	0.50		0.36	1.92	3.92	-1.59	-0.28
		II	5.51	5.27	5.80	2.00		0.96	0.59	0.50	0.68	3.60	5.60	0.10	0.02
	Des	I	2.78	5.11	5.62	2.00		1.05	0.96	0.59	0.87	4.43	6.43	3.65	0.65
		II	2.78	5.11	5.62	2.00		1.02	1.05	0.96	1.01	5.16	7.16	4.38	0.78
	Kebutuhan Air Maksimum							PADI 1						4.05	0.72
								PADI 2						13.52	2.41
								PALAWIJA (JAGUNG)						-4.17	-0.74

Sumber : Hasil perhitungan, 2020

Analisa kebutuhan air irigasi Alternatif 5

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/h	Koefisien Tanaman C1	C2	C3	C	Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00		1.02	1.05	0.96	1.01	4.49	6.49	-14.39	-2.56
		II	20.88	4.45	4.89	2.00		0.95	1.02	1.05	1.01	4.48	6.48	-14.41	-2.57
	Feb	I	15.87	4.50	4.95	2.00			0.95	1.02	0.66	2.95	4.95	-10.91	-1.94
		II	15.87	4.50	4.95	2.00				0.95	0.32	1.42	3.42	-12.44	-2.22
I	Mar	I	13.98	3.61	3.97	2.00		LP	LP	LP	LP	9.06	15.03	1.06	0.19
		II	13.98	3.61	3.97	2.00		1.10	LP	LP	LP	9.06	15.03	1.06	0.19
	Apr	I	4.25	3.64	4.01	2.00		1.10	1.10	LP	LP	9.09	15.10	10.85	1.93
		II	4.25	3.64	4.01	2.00		1.05	1.10	1.10	1.08	3.95	9.96	5.71	1.02
	Mei	I	5.48	3.22	3.54	2.00	3.3	1.05	1.05	1.10	1.07	3.43	12.27	6.79	1.21
		II	5.48	3.22	3.54	2.00		0.95	1.05	1.05	1.02	3.27	8.81	3.33	0.59
	Jun	I	0.23	2.99	3.29	2.00	3.3	0.00	0.95	1.05	0.67	1.99	10.58	10.35	1.84
		II	0.23	2.99	3.29	2.00			0.00	0.95	0.32	0.95	6.24	6.00	1.07
II	Jul	I	0.00	3.47	3.81	2.00		LP	LP	LP	LP	8.96	14.77	14.77	2.63
		II	0.00	3.47	3.81	2.00		1.10	LP	LP	LP	8.96	14.77	14.77	2.63
	Agu	I	0.00	4.44	4.88	2.00		1.10	1.10	LP	LP	9.69	16.57	16.57	2.95
		II	0.00	4.44	4.88	2.00		1.05	1.10	1.10	1.08	4.81	11.69	11.69	2.08
	Sep	I	0.00	5.46	6.00	2.00	3.3	1.05	1.05	1.10	1.07	5.82	17.13	17.13	3.05
		II	0.00	5.46	6.00	2.00		0.95	1.05	1.05	1.02	5.55	13.55	13.55	2.41
	Okt	I	0.00	5.55	6.10	2.00	3.3	0.00	0.95	1.05	0.67	3.70	15.10	15.10	2.69
III		II	0.00	5.55	6.10	2.00			0.00	0.95	0.32	1.76	9.86	9.86	1.76
	Nov	I	5.51	5.27	5.80	2.00		0.50		0.00	0.17	0.88	2.88	-2.63	-0.47
		II	5.51	5.27	5.80	2.00		0.59	0.50		0.36	1.92	3.92	-1.59	-0.28
	Des	I	2.78	5.11	5.62	2.00		0.96	0.59	0.50	0.68	3.49	5.49	2.71	0.48
		II	2.78	5.11	5.62	2.00		1.05	0.96	0.59	0.87	4.43	6.43	3.65	0.65
	Kebutuhan Air Maksimum							PADI 1						5.64	1.00
								PADI 2						14.18	2.53
								PALAWIJA (JAGUNG)						-6.25	-1.11

Sumber : Hasil perhitungan, 2020

Analisa kebutuhan air irigasi Alternatif 6

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00		1.05	0.96	0.59	0.87	3.85	5.85	-15.03	-2.68
		II	20.88	4.45	4.89	2.00		1.02	1.05	0.96	1.01	4.49	6.49	-14.39	-2.56
	Feb	I	15.87	4.50	4.95	2.00		0.95	1.02	1.05	1.01	4.53	6.53	-9.34	-1.66
		II	15.87	4.50	4.95	2.00			0.95	1.02	0.66	2.95	4.95	-10.91	-1.94
	Mar	I	13.98	3.61	3.97	2.00				0.95	0.32	1.14	3.14	-10.83	-1.93
I		II	13.98	3.61	3.97	2.00		LP	LP	LP	LP	9.06	15.03	1.06	0.19
	Apr	I	4.25	3.64	4.01	2.00		1.10	LP	LP	LP	9.09	15.10	10.85	1.93
		II	4.25	3.64	4.01	2.00		1.10	1.10	LP	LP	9.09	15.10	10.85	1.93
	Mei	I	5.48	3.22	3.54	2.00		1.05	1.10	1.10	1.08	3.49	9.02	3.54	0.63
		II	5.48	3.22	3.54	2.00	3.3	1.05	1.05	1.10	1.07	3.43	12.27	6.79	1.21
	Jun	I	0.23	2.99	3.29	2.00		0.95	1.05	1.05	1.02	3.04	8.33	8.10	1.44
		II	0.23	2.99	3.29	2.00	3.3	0.00	0.95	1.05	0.67	1.99	10.58	10.35	1.84
	Jul	I	0.00	3.47	3.81	2.00			0.00	0.95	0.32	1.10	6.91	6.91	1.23
II		II	0.00	3.47	3.81	2.00		LP	LP	LP	LP	8.96	14.77	14.77	2.63
	Agu	I	0.00	4.44	4.88	2.00		1.10	LP	LP	LP	9.69	16.57	16.57	2.95
		II	0.00	4.44	4.88	2.00		1.10	1.10	LP	LP	9.69	16.57	16.57	2.95
	Sep	I	0.00	5.46	6.00	2.00		1.05	1.10	1.10	1.08	5.91	13.92	13.92	2.48
		II	0.00	5.46	6.00	2.00	3.3	1.05	1.05	1.10	1.07	5.82	17.13	17.13	3.05
	Okt	I	0.00	5.55	6.10	2.00		0.95	1.05	1.05	1.02	5.64	13.74	13.74	2.45
		II	0.00	5.55	6.10	2.00	3.3	0.00	0.95	1.05	0.67	3.70	15.10	15.10	2.69
	Nov	I	5.51	5.27	5.80	2.00			0.00	0.95	0.32	1.67	9.47	3.97	0.71
III		II	5.51	5.27	5.80	2.00		0.50		0.00	0.17	0.88	8.68	3.17	0.57
	Des	I	2.78	5.11	5.62	2.00		0.59	0.50		0.36	1.86	3.86	1.08	0.19
		II	2.78	5.11	5.62	2.00		0.96	0.59	0.50	0.68	3.49	5.49	2.71	0.48
	Kebutuhan Air Maksimum							PADI 1						7.31	1.30
								PADI 2						13.97	2.49
								PALAWIJA (JAGUNG)						-6.69	-1.19

Sumber : Hasil perhitungan, 2020

Analisa kebutuhan air irigasi Alternatif 7

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00		0.96	0.59	0.50	0.68	3.04	5.04	-15.85	-2.82
		II	20.88	4.45	4.89	2.00		1.05	0.96	0.59	0.87	3.85	5.85	-15.03	-2.68
	Feb	I	15.87	4.50	4.95	2.00		1.02	1.05	0.96	1.01	4.54	6.54	-9.32	-1.66
		II	15.87	4.50	4.95	2.00		0.95	1.02	1.05	1.01	4.53	6.53	-9.34	-1.66
	Mar	I	13.98	3.61	3.97	2.00			0.95	1.02	0.66	2.37	4.37	-9.61	-1.71
		II	13.98	3.61	3.97	2.00				0.95	0.32	1.14	3.14	-10.83	-1.93
I	Apr	I	4.25	3.64	4.01	2.00		LP	LP	LP	LP	9.09	15.10	10.85	1.93
		II	4.25	3.64	4.01	2.00		1.10	LP	LP	LP	9.09	15.10	10.85	1.93
	Mei	I	5.48	3.22	3.54	2.00		1.10	1.10	LP	LP	8.78	14.32	8.83	1.57
		II	5.48	3.22	3.54	2.00		1.05	1.10	1.10	1.08	3.49	9.02	3.54	0.63
	Jun	I	0.23	2.99	3.29	2.00	3.3	1.05	1.05	1.10	1.07	3.19	11.78	11.54	2.06
		II	0.23	2.99	3.29	2.00		0.95	1.05	1.05	1.02	3.04	8.33	8.10	1.44
	Jul	I	0.00	3.47	3.81	2.00	3.3	0.00	0.95	1.05	0.67	2.31	11.43	11.43	2.03
		II	0.00	3.47	3.81	2.00			0.00	0.95	0.32	1.10	6.91	6.91	1.23
II	Agu	I	0.00	4.44	4.88	2.00		LP	LP	LP	LP	9.69	16.57	16.57	2.95
		II	0.00	4.44	4.88	2.00		1.10	LP	LP	LP	9.69	16.57	16.57	2.95
	Sep	I	0.00	5.46	6.00	2.00		1.10	1.10	LP	LP	10.49	18.49	18.49	3.29
		II	0.00	5.46	6.00	2.00		1.05	1.10	1.10	1.08	5.91	13.92	13.92	2.48
	Okt	I	0.00	5.55	6.10	2.00	3.3	1.05	1.05	1.10	1.07	5.92	17.32	17.32	3.08
		II	0.00	5.55	6.10	2.00		0.95	1.05	1.05	1.02	5.64	13.74	13.74	2.45
	Nov	I	5.51	5.27	5.80	2.00	3.3	0.00	0.95	1.05	0.67	3.52	14.62	9.11	1.62
		II	5.51	5.27	5.80	2.00			0.00	0.95	0.32	1.67	9.47	3.97	0.71
III	Des	I	2.78	5.11	5.62	2.00		0.50		0.00	0.17	0.85	2.85	0.07	0.01
		II	2.78	5.11	5.62	2.00		0.59	0.50		0.36	1.86	3.86	1.08	0.19
	Kebutuhan Air Maksimum							PADI 1						9.01	1.60
								PADI 2						13.71	2.44
								PALAWIJA (JAGUNG)						-8.60	-1.53

Sumber : Hasil perhitungan, 2020

Analisa kebutuhan air irigasi Alternatif 8

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
III	Jan	I	20.88	4.45	4.89	2.00		0.59	0.50		0.36	1.62	3.62	-17.27	-3.07
		II	20.88	4.45	4.89	2.00		0.96	0.59	0.50	0.68	3.04	5.04	-15.85	-2.82
	Feb	I	15.87	4.50	4.95	2.00		1.05	0.96	0.59	0.87	3.90	5.90	-9.97	-1.77
		II	15.87	4.50	4.95	2.00		1.02	1.05	0.96	1.01	4.54	6.54	-9.32	-1.66
	Mar	I	13.98	3.61	3.97	2.00		0.95	1.02	1.05	1.01	3.63	5.63	-8.34	-1.49
		II	13.98	3.61	3.97	2.00			0.95	1.02	0.66	2.37	4.37	-9.61	-1.71
	Apr	I	4.25	3.64	4.01	2.00				0.95	0.32	1.15	3.15	-1.09	-0.19
I		II	4.25	3.64	4.01	2.00		LP	LP	LP	LP	9.09	15.10	10.85	1.93
	Mei	I	5.48	3.22	3.54	2.00		1.10	LP	LP	LP	8.78	14.32	8.83	1.57
		II	5.48	3.22	3.54	2.00		1.10	1.10	LP	LP	8.78	14.32	8.83	1.57
	Jun	I	0.23	2.99	3.29	2.00		1.05	1.10	1.10	1.08	3.24	8.53	8.29	1.48
		II	0.23	2.99	3.29	2.00	3.3	1.05	1.05	1.10	1.07	3.19	11.78	11.54	2.06
	Jul	I	0.00	3.47	3.81	2.00		0.95	1.05	1.05	1.02	3.53	9.34	9.34	1.66
		II	0.00	3.47	3.81	2.00	3.3	0.00	0.95	1.05	0.67	2.31	11.43	11.43	2.03
	Agu	I	0.00	4.44	4.88	2.00			0.00	0.95	0.32	1.41	8.29	8.29	1.48
II		II	0.00	4.44	4.88	2.00		LP	LP	LP	LP	9.69	16.57	16.57	2.95
	Sep	I	0.00	5.46	6.00	2.00		1.10	LP	LP	LP	10.49	18.49	18.49	3.29
		II	0.00	5.46	6.00	2.00		1.10	1.10	LP	LP	10.49	18.49	18.49	3.29
	Okt	I	0.00	5.55	6.10	2.00		1.05	1.10	1.10	1.08	6.01	14.11	14.11	2.51
		II	0.00	5.55	6.10	2.00	3.3	1.05	1.05	1.10	1.07	5.92	17.32	17.32	3.08
	Nov	I	5.51	5.27	5.80	2.00		0.95	1.05	1.05	1.02	5.36	13.16	7.66	1.36
		II	5.51	5.27	5.80	2.00	3.3	0.00	0.95	1.05	0.67	3.52	14.62	9.11	1.62
	Des	I	2.78	5.11	5.62	2.00			0.00	0.95	0.32	1.62	9.24	6.46	1.15
		II	2.78	5.11	5.62	2.00		0.50		0.00	0.17	0.85	2.85	0.07	0.01
	Kebutuhan Air Maksimum							PADI 1						9.68	1.72
								PADI 2						13.53	2.41
								PALAWIJA (JAGUNG)						-8.92	-1.59

Sumber : Hasil perhitungan, 2020

Analisa kebutuhan air irigasi Alternatif 9

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/h	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
III	Jan	I	20.88	4.45	4.89	2.00		0.50		0.00	0.17	0.74	2.74	-18.14	-3.23
		II	20.88	4.45	4.89	2.00		0.59	0.50		0.36	1.62	3.62	-17.27	-3.07
	Feb	I	15.87	4.50	4.95	2.00		0.96	0.59	0.50	0.68	3.07	5.07	-10.79	-1.92
		II	15.87	4.50	4.95	2.00		1.05	0.96	0.59	0.87	3.90	5.90	-9.97	-1.77
	Mar	I	13.98	3.61	3.97	2.00		1.02	1.05	0.96	1.01	3.64	5.64	-8.33	-1.48
		II	13.98	3.61	3.97	2.00		0.95	1.02	1.05	1.01	3.63	5.63	-8.34	-1.49
	Apr	I	4.25	3.64	4.01	2.00			0.95	1.02	0.66	2.39	4.39	0.15	0.03
		II	4.25	3.64	4.01	2.00				0.95	0.32	1.15	3.15	-1.09	-0.19
I	Mei	I	5.48	3.22	3.54	2.00		LP	LP	LP	LP	8.78	14.32	8.83	1.57
		II	5.48	3.22	3.54	2.00		1.10	LP	LP	LP	8.78	14.32	8.83	1.57
	Jun	I	0.23	2.99	3.29	2.00		1.10	1.10	LP	LP	8.61	13.90	13.67	2.43
		II	0.23	2.99	3.29	2.00		1.05	1.10	1.10	1.08	3.24	8.53	8.29	1.48
	Jul	I	0.00	3.47	3.81	2.00	3.3	1.05	1.05	1.10	1.07	3.70	12.81	12.81	2.28
		II	0.00	3.47	3.81	2.00		0.95	1.05	1.05	1.02	3.53	9.34	9.34	1.66
	Agu	I	0.00	4.44	4.88	2.00	3.3	0.00	0.95	1.05	0.67	2.96	13.14	13.14	2.34
		II	0.00	4.44	4.88	2.00			0.00	0.95	0.32	1.41	8.29	8.29	1.48
II	Sep	I	0.00	5.46	6.00	2.00		LP	LP	LP	LP	10.49	18.49	18.49	3.29
		II	0.00	5.46	6.00	2.00		1.10	LP	LP	LP	10.49	18.49	18.49	3.29
	Okt	I	0.00	5.55	6.10	2.00		1.10	1.10	LP	LP	10.56	18.66	18.66	3.32
		II	0.00	5.55	6.10	2.00		1.05	1.10	1.10	1.08	6.01	14.11	14.11	2.51
	Nov	I	5.51	5.27	5.80	2.00	3.3	1.05	1.05	1.10	1.07	5.63	16.73	11.22	2.00
		II	5.51	5.27	5.80	2.00		0.95	1.05	1.05	1.02	5.36	13.16	7.66	1.36
	Des	I	2.78	5.11	5.62	2.00	3.3	0.00	0.95	1.05	0.67	3.41	14.33	11.55	2.06
		II	2.78	5.11	5.62	2.00			0.00	0.95	0.32	1.62	9.24	6.46	1.15
	Kebutuhan Air Maksimum							PADI 1						10.40	1.85
								PADI 2						13.33	2.37
								PALAWIJA (JAGUNG)						-9.22	-1.64

Sumber : Hasil perhitungan, 2020

Analisa kebutuhan air irigasi Alternatif 10

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00				0.95	0.32	1.41	8.30	-12.59	-2.24
III		II	20.88	4.45	4.89	2.00		0.50			0.17	0.74	2.74	-18.14	-3.23
	Feb	I	15.87	4.50	4.95	2.00		0.59	0.50		0.36	1.63	3.63	-12.23	-2.18
		II	15.87	4.50	4.95	2.00		0.96	0.59	0.50	0.68	3.07	5.07	-10.79	-1.92
	Mar	I	13.98	3.61	3.97	2.00		1.05	0.96	0.59	0.87	3.13	5.13	-8.85	-1.58
		II	13.98	3.61	3.97	2.00		1.02	1.05	0.96	1.01	3.64	5.64	-8.33	-1.48
	Apr	I	4.25	3.64	4.01	2.00		0.95	1.02	1.05	1.01	3.67	5.67	1.42	0.25
		II	4.25	3.64	4.01	2.00			0.95	1.02	0.66	2.39	4.39	0.15	0.03
	Mei	I	5.48	3.22	3.54	2.00				0.95	0.32	1.02	3.02	-2.46	-0.44
I		II	5.48	3.22	3.54	2.00		LP	LP	LP	LP		5.54	0.06	0.01
	Jun	I	0.23	2.99	3.29	2.00		1.10	LP	LP	LP		5.29	5.06	0.90
		II	0.23	2.99	3.29	2.00		1.10	1.10	LP	LP		5.29	5.06	0.90
	Jul	I	0.00	3.47	3.81	2.00		1.05	1.10	1.10	1.08	3.76	12.87	12.87	2.29
		II	0.00	3.47	3.81	2.00	3.3	1.05	1.05	1.10	1.07	3.70	9.51	9.51	1.69
	Agu	I	0.00	4.44	4.88	2.00		0.95	1.05	1.05	1.02	4.51	14.70	14.70	2.62
		II	0.00	4.44	4.88	2.00	3.3	0.00	0.95	1.05	0.67	2.96	9.84	9.84	1.75
	Sep	I	0.00	5.46	6.00	2.00			0.00	0.95	0.32	1.73	9.73	9.73	1.73
II		II	0.00	5.46	6.00	2.00		LP	LP	LP	LP		8.00	8.00	1.43
	Okt	I	0.00	5.55	6.10	2.00		1.10	LP	LP	LP		8.10	8.10	1.44
		II	0.00	5.55	6.10	2.00		1.10	1.10	LP	LP		8.10	8.10	1.44
	Nov	I	5.51	5.27	5.80	2.00		1.05	1.10	1.10	1.08	5.71	16.82	11.31	2.01
		II	5.51	5.27	5.80	2.00	3.3	1.05	1.05	1.10	1.07	5.63	13.43	7.92	1.41
	Des	I	2.78	5.11	5.62	2.00		0.95	1.05	1.05	1.02	5.19	16.11	13.34	2.37
		II	2.78	5.11	5.62	2.00	3.3	0.00	0.95	1.05	0.67	3.41	14.33	11.55	2.06
	Kebutuhan Air Maksimum						PADI 1							8.35	1.49
							PADI 2							2.64	0.47
							PALAWIJA (JAGUNG)							-7.41	-1.32

Sumber : Hasil perhitungan, 2020

Alternatif kebutuhan air irigasi Alternatif 11

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00	3.3	0.00	0.95	1.05	0.67	2.96	13.15	-7.73	-1.38
		II	20.88	4.45	4.89	2.00			0.00	0.95	0.32	1.41	8.30	-12.59	-2.24
III	Feb	I	15.87	4.50	4.95	2.00		0.50		0.00	0.17	0.75	2.75	-13.12	-2.34
		II	15.87	4.50	4.95	2.00		0.59	0.50		0.36	1.63	3.63	-12.23	-2.18
	Mar	I	13.98	3.61	3.97	2.00		0.96	0.59	0.50	0.68	2.47	4.47	-9.51	-1.69
		II	13.98	3.61	3.97	2.00		1.05	0.96	0.59	0.87	3.13	5.13	-8.85	-1.58
	Apr	I	4.25	3.64	4.01	2.00		1.02	1.05	0.96	1.01	3.68	5.68	1.43	0.26
		II	4.25	3.64	4.01	2.00		0.95	1.02	1.05	1.01	3.67	5.67	1.42	0.25
	Mei	I	5.48	3.22	3.54	2.00			0.95	1.02	0.66	2.11	4.11	-1.37	-0.24
		II	5.48	3.22	3.54	2.00				0.95	0.32	1.02	3.02	-2.46	-0.44
I	Jun	I	0.23	2.99	3.29	2.00		LP	LP	LP	LP	8.61	13.90	13.67	2.43
		II	0.23	2.99	3.29	2.00		1.10	LP	LP	LP	8.61	13.90	13.67	2.43
	Jul	I	0.00	3.47	3.81	2.00		1.10	1.10	LP	LP	8.96	14.77	14.77	2.63
		II	0.00	3.47	3.81	2.00		1.05	1.10	1.10	1.08	3.76	9.57	9.57	1.70
	Agu	I	0.00	4.44	4.88	2.00	3.3	1.05	1.05	1.10	1.07	4.74	14.92	14.92	2.66
		II	0.00	4.44	4.88	2.00		0.95	1.05	1.05	1.02	4.51	11.40	11.40	2.03
	Sep	I	0.00	5.46	6.00	2.00	3.3	0.00	0.95	1.05	0.67	3.64	14.94	14.94	2.66
		II	0.00	5.46	6.00	2.00			0.00	0.95	0.32	1.73	9.73	9.73	1.73
II	Okt	I	0.00	5.55	6.10	2.00		LP	LP	LP	LP	10.56	18.66	18.66	3.32
		II	0.00	5.55	6.10	2.00		1.10	LP	LP	LP	10.56	18.66	18.66	3.32
	Nov	I	5.51	5.27	5.80	2.00		1.10	1.10	LP	LP	10.34	18.14	12.64	2.25
		II	5.51	5.27	5.80	2.00		1.05	1.10	1.10	1.08	5.71	13.52	8.01	1.43
	Des	I	2.78	5.11	5.62	2.00	3.3	1.05	1.05	1.10	1.07	5.45	16.37	13.59	2.42
		II	2.78	5.11	5.62	2.00		0.95	1.05	1.05	1.02	5.19	12.81	10.04	1.79
	Kebutuhan Air Maksimum							PADI 1						12.83	2.29
								PADI 2						4.97	0.88
								PALAWIJA (JAGUNG)						-5.59	-0.99

Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 12

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
1			2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00		0.95	1.05	1.05	1.02	4.52	11.41	-9.47	-1.69
		II	20.88	4.45	4.89	2.00	3.3	0.00	0.95	1.05	0.67	2.96	13.15	-7.73	-1.38
	Feb	I	15.87	4.50	4.95	2.00			0.00	0.95	0.32	1.42	8.37	-7.49	-1.33
III		II	15.87	4.50	4.95	2.00		0.50		0.00	0.17	0.75	2.75	-13.12	-2.34
	Mar	I	13.98	3.61	3.97	2.00		0.59	0.50		0.36	1.31	3.31	-10.67	-1.90
		II	13.98	3.61	3.97	2.00		0.96	0.59	0.50	0.68	2.47	4.47	-9.51	-1.69
	Apr	I	4.25	3.64	4.01	2.00		1.05	0.96	0.59	0.87	3.16	5.16	0.91	0.16
		II	4.25	3.64	4.01	2.00		1.02	1.05	0.96	1.01	3.68	5.68	1.43	0.26
	Mei	I	5.48	3.22	3.54	2.00		0.95	1.02	1.05	1.01	3.24	5.24	-0.24	-0.04
		II	5.48	3.22	3.54	2.00			0.95	1.02	0.66	2.11	4.11	-1.37	-0.24
	Jun	I	0.23	2.99	3.29	2.00				0.95	0.32	0.95	2.95	2.71	0.48
I		II	0.23	2.99	3.29	2.00		LP	LP	LP	LP	8.61	13.90	13.67	2.43
	Jul	I	0.00	3.47	3.81	2.00		1.10	LP	LP	LP	8.96	14.77	14.77	2.63
		II	0.00	3.47	3.81	2.00		1.10	1.10	LP	LP	8.96	14.77	14.77	2.63
	Agu	I	0.00	4.44	4.88	2.00		1.05	1.10	1.10	1.08	4.81	11.69	11.69	2.08
		II	0.00	4.44	4.88	2.00	3.3	1.05	1.05	1.10	1.07	4.74	14.92	14.92	2.66
	Sep	I	0.00	5.46	6.00	2.00		0.95	1.05	1.05	1.02	5.55	13.55	13.55	2.41
		II	0.00	5.46	6.00	2.00	3.3	0.00	0.95	1.05	0.67	3.64	14.94	14.94	2.66
	Okt	I	0.00	5.55	6.10	2.00			0.00	0.95	0.32	1.76	9.86	9.86	1.76
II		II	0.00	5.55	6.10	2.00		LP	LP	LP	LP	10.56	18.66	18.66	3.32
	Nov	I	5.51	5.27	5.80	2.00		1.10	LP	LP	LP	10.34	18.14	12.64	2.25
		II	5.51	5.27	5.80	2.00		1.10	1.10	LP	LP	10.34	18.14	12.64	2.25
	Des	I	2.78	5.11	5.62	2.00		1.05	1.10	1.10	1.08	5.53	13.15	10.38	1.85
		II	2.78	5.11	5.62	2.00	3.3	1.05	1.05	1.10	1.07	5.45	16.37	13.59	2.42
	Kebutuhan Air Maksimum							PADI 1						13.52	2.41
								PADI 2						5.06	0.90
								PALAWIJA (JAGUNG)						-3.73	-0.66

Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 13

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/h	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00	3.3	1.05	1.05	1.10	1.07	4.74	14.93	-5.95	-1.06
		II	20.88	4.45	4.89	2.00		0.95	1.05	1.05	1.02	4.52	11.41	-9.47	-1.69
	Feb	I	15.87	4.50	4.95	2.00	3.3	0.00	0.95	1.05	0.67	3.00	13.25	-2.62	-0.47
		II	15.87	4.50	4.95	2.00			0.00	0.95	0.32	1.42	8.37	-7.49	-1.33
III	`	I	13.98	3.61	3.97	2.00		0.50		0.00	0.17	0.60	2.60	-11.38	-2.03
		II	13.98	3.61	3.97	2.00		0.59	0.50		0.36	1.31	3.31	-10.67	-1.90
	Apr	I	4.25	3.64	4.01	2.00		0.96	0.59	0.50	0.68	2.49	4.49	0.24	0.04
		II	4.25	3.64	4.01	2.00		1.05	0.96	0.59	0.87	3.16	5.16	0.91	0.16
	Mei	I	5.48	3.22	3.54	2.00		1.02	1.05	0.96	1.01	3.25	5.25	-0.23	-0.04
		II	5.48	3.22	3.54	2.00		0.95	1.02	1.05	1.01	3.24	5.24	-0.24	-0.04
	Jun	I	0.23	2.99	3.29	2.00			0.95	1.02	0.66	1.96	3.96	3.73	0.66
		II	0.23	2.99	3.29	2.00				0.95	0.32	0.95	2.95	2.71	0.48
I	Jul	I	0.00	3.47	3.81	2.00		LP	LP	LP	LP	8.96	14.77	14.77	2.63
		II	0.00	3.47	3.81	2.00		1.10	LP	LP	LP	8.96	14.77	14.77	2.63
	Agu	I	0.00	4.44	4.88	2.00		1.10	1.10	LP	LP	9.69	16.57	16.57	2.95
		II	0.00	4.44	4.88	2.00		1.05	1.10	1.10	1.08	4.81	11.69	11.69	2.08
	Sep	I	0.00	5.46	6.00	2.00	3.3	1.05	1.05	1.10	1.07	5.82	17.13	17.13	3.05
		II	0.00	5.46	6.00	2.00		0.95	1.05	1.05	1.02	5.55	13.55	13.55	2.41
	Okt	I	0.00	5.55	6.10	2.00	3.3	0.00	0.95	1.05	0.67	3.70	15.10	15.10	2.69
		II	0.00	5.55	6.10	2.00			0.00	0.95	0.32	1.76	9.86	9.86	1.76
II	Nov	I	5.51	5.27	5.80	2.00		LP	LP	LP	LP	10.34	18.14	12.64	2.25
		II	5.51	5.27	5.80	2.00		1.10	LP	LP	LP	10.34	18.14	12.64	2.25
	Des	I	2.78	5.11	5.62	2.00		1.10	1.10	LP	LP	10.21	17.83	15.05	2.68
		II	2.78	5.11	5.62	2.00		1.05	1.10	1.10	1.08	5.53	13.15	10.38	1.85
	Kebutuhan Air Maksimum							PADI 1						14.18	2.53
								PADI 2						5.15	0.92
								PALAWIJA (JAGUNG)						-1.87	-0.33

Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 14

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00		1.05	1.10	1.10	1.08	4.82	11.71	-9.18	-1.63
		II	20.88	4.45	4.89	2.00	3.3	1.05	1.05	1.10	1.07	4.74	14.93	-5.95	-1.06
	Feb	I	15.87	4.50	4.95	2.00		0.95	1.05	1.05	1.02	4.57	11.52	-4.34	-0.77
		II	15.87	4.50	4.95	2.00	3.3	0.00	0.95	1.05	0.67	3.00	13.25	-2.62	-0.47
	Mar	I	13.98	3.61	3.97	2.00			0.00	0.95	0.32	1.14	7.11	-6.86	-1.22
III		II	13.98	3.61	3.97	2.00		0.50		0.00	0.17	0.60	2.60	-11.38	-2.03
	Apr	I	4.25	3.64	4.01	2.00		0.59	0.50		0.36	1.32	3.32	-0.92	-0.16
		II	4.25	3.64	4.01	2.00		0.96	0.59	0.50	0.68	2.49	4.49	0.24	0.04
	Mei	I	5.48	3.22	3.54	2.00		1.05	0.96	0.59	0.87	2.79	4.79	-0.69	-0.12
		II	5.48	3.22	3.54	2.00		1.02	1.05	0.96	1.01	3.25	5.25	-0.23	-0.04
	Jun	I	0.23	2.99	3.29	2.00		0.95	1.02	1.05	1.01	3.01	5.01	4.78	0.85
		II	0.23	2.99	3.29	2.00			0.95	1.02	0.66	1.96	3.96	3.73	0.66
	Jul	I	0.00	3.47	3.81	2.00				0.95	0.32	1.10	3.10	3.10	0.55
I		II	0.00	3.47	3.81	2.00		LP	LP	LP	LP	8.96	14.77	14.77	2.63
	Agu	I	0.00	4.44	4.88	2.00		1.10	LP	LP	LP	9.69	16.57	16.57	2.95
		II	0.00	4.44	4.88	2.00		1.10	1.10	LP	LP	9.69	16.57	16.57	2.95
	Sep	I	0.00	5.46	6.00	2.00		1.05	1.10	1.10	1.08	5.91	13.92	13.92	2.48
		II	0.00	5.46	6.00	2.00	3.3	1.05	1.05	1.10	1.07	5.82	17.13	17.13	3.05
	Okt	I	0.00	5.55	6.10	2.00		0.95	1.05	1.05	1.02	5.64	13.74	13.74	2.45
		II	0.00	5.55	6.10	2.00	3.3	0.00	0.95	1.05	0.67	3.70	15.10	15.10	2.69
	Nov	I	5.51	5.27	5.80	2.00			0.00	0.95	0.32	1.67	9.47	3.97	0.71
II		II	5.51	5.27	5.80	2.00		LP	LP	LP	LP	10.34	18.14	12.64	2.25
	Des	I	2.78	5.11	5.62	2.00		1.10	LP	LP	LP	10.21	17.83	15.05	2.68
		II	2.78	5.11	5.62	2.00		1.10	1.10	LP	LP	10.21	17.83	15.05	2.68
	Kebutuhan Air Maksimum							PADI 1						13.97	2.49
								PADI 2						5.17	0.92
								PALAWIJA (JAGUNG)						-0.17	-0.03

Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 15

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00		1.10	1.10	LP	LP	9.70	16.59	-4.30	-0.77
		II	20.88	4.45	4.89	2.00		1.05	1.10	1.10	1.08	4.82	11.71	-9.18	-1.63
	Feb	I	15.87	4.50	4.95	2.00	3.3	1.05	1.05	1.10	1.07	4.80	15.05	-0.82	-0.15
		II	15.87	4.50	4.95	2.00		0.95	1.05	1.05	1.02	4.57	11.52	-4.34	-0.77
	Mar	I	13.98	3.61	3.97	2.00	3.3	0.00	0.95	1.05	0.67	2.41	11.67	-2.30	-0.41
		II	13.98	3.61	3.97	2.00			0.00	0.95	0.32	1.14	7.11	-6.86	-1.22
III	Apr	I	4.25	3.64	4.01	2.00		0.50		0.00	0.17	0.61	2.61	-1.64	-0.29
		II	4.25	3.64	4.01	2.00		0.59	0.50		0.36	1.32	3.32	-0.92	-0.16
	Mei	I	5.48	3.22	3.54	2.00		0.96	0.59	0.50	0.68	2.20	4.20	-1.28	-0.23
		II	5.48	3.22	3.54	2.00		1.05	0.96	0.59	0.87	2.79	4.79	-0.69	-0.12
	Jun	I	0.23	2.99	3.29	2.00		1.02	1.05	0.96	1.01	3.02	5.02	4.79	0.85
		II	0.23	2.99	3.29	2.00		0.95	1.02	1.05	1.01	3.01	5.01	4.78	0.85
	Jul	I	0.00	3.47	3.81	2.00			0.95	1.02	0.66	2.28	4.28	4.28	0.76
		II	0.00	3.47	3.81	2.00				0.95	0.32	1.10	3.10	3.10	0.55
I	Agu	I	0.00	4.44	4.88	2.00		LP	LP	LP	LP	9.69	16.57	16.57	2.95
		II	0.00	4.44	4.88	2.00		1.10	LP	LP	LP	9.69	16.57	16.57	2.95
	Sep	I	0.00	5.46	6.00	2.00		1.10	1.10	LP	LP	10.49	18.49	18.49	3.29
		II	0.00	5.46	6.00	2.00		1.05	1.10	1.10	1.08	5.91	13.92	13.92	2.48
	Okt	I	0.00	5.55	6.10	2.00	3.3	1.05	1.05	1.10	1.07	5.92	17.32	17.32	3.08
		II	0.00	5.55	6.10	2.00		0.95	1.05	1.05	1.02	5.64	13.74	13.74	2.45
	Nov	I	5.51	5.27	5.80	2.00	3.3	0.00	0.95	1.05	0.67	3.52	14.62	9.11	1.62
		II	5.51	5.27	5.80	2.00			0.00	0.95	0.32	1.67	9.47	3.97	0.71
II	Des	I	2.78	5.11	5.62	2.00		LP	LP	LP	LP	10.21	17.83	15.05	2.68
		II	2.78	5.11	5.62	2.00		1.10	LP	LP	LP	10.21	17.83	15.05	2.68
	Kebutuhan Air Maksimum							PADI 1						13.71	2.44
								PADI 2						5.18	0.92
								PALAWIJA (JAGUNG)						1.55	0.28

Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 16

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00		1.10	LP	LP	LP	9.70	16.59	-4.30	-0.77
		II	20.88	4.45	4.89	2.00		1.10	1.10	LP	LP	9.70	16.59	-4.30	-0.77
	Feb	I	15.87	4.50	4.95	2.00		1.05	1.10	1.10	1.08	4.87	11.82	-4.04	-0.72
		II	15.87	4.50	4.95	2.00	3.3	1.05	1.05	1.10	1.07	4.80	15.05	-0.82	-0.15
	Mar	I	13.98	3.61	3.97	2.00		0.95	1.05	1.05	1.02	3.67	9.64	-4.34	-0.77
		II	13.98	3.61	3.97	2.00	3.3	0.00	0.95	1.05	0.67	2.41	11.67	-2.30	-0.41
	Apr	I	4.25	3.64	4.01	2.00			0.00	0.95	0.32	1.15	7.16	2.92	0.52
III		II	4.25	3.64	4.01	2.00		0.50		0.00	0.17	0.61	2.61	-1.64	-0.29
	Mei	I	5.48	3.22	3.54	2.00		0.59	0.50		0.36	1.17	3.17	-2.31	-0.41
		II	5.48	3.22	3.54	2.00		0.96	0.59	0.50	0.68	2.20	4.20	-1.28	-0.23
	Jun	I	0.23	2.99	3.29	2.00		1.05	0.96	0.59	0.87	2.59	4.59	4.36	0.78
		II	0.23	2.99	3.29	2.00		1.02	1.05	0.96	1.01	3.02	5.02	4.79	0.85
	Jul	I	0.00	3.47	3.81	2.00		0.95	1.02	1.05	1.01	3.49	5.49	5.49	0.98
		II	0.00	3.47	3.81	2.00			0.95	1.02	0.66	2.28	4.28	4.28	0.76
	Agu	I	0.00	4.44	4.88	2.00				0.95	0.32	1.41	3.41	3.41	0.61
I		II	0.00	4.44	4.88	2.00		LP	LP	LP	LP	9.69	16.57	16.57	2.95
	Sep	I	0.00	5.46	6.00	2.00		1.10	LP	LP	LP	10.49	18.49	18.49	3.29
		II	0.00	5.46	6.00	2.00		1.10	1.10	LP	LP	10.49	18.49	18.49	3.29
	Okt	I	0.00	5.55	6.10	2.00		1.05	1.10	1.10	1.08	6.01	14.11	14.11	2.51
		II	0.00	5.55	6.10	2.00	3.3	1.05	1.05	1.10	1.07	5.92	17.32	17.32	3.08
	Nov	I	5.51	5.27	5.80	2.00		0.95	1.05	1.05	1.02	5.36	13.16	7.66	1.36
		II	5.51	5.27	5.80	2.00	3.3	0.00	0.95	1.05	0.67	3.52	14.62	9.11	1.62
	Des	I	2.78	5.11	5.62	2.00			0.00	0.95	0.32	1.62	9.24	6.46	1.15
II		II	2.78	5.11	5.62	2.00		LP	LP	LP	LP	10.21	17.83	15.05	2.68
	Kebutuhan Air Maksimum							PADI 1						13.53	2.41
								PADI 2						5.13	0.91
								PALAWIJA (JAGUNG)						2.13	0.38

Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 17

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/h	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
II	Jan	I	20.88	4.45	4.89	2.00		LP	LP	LP	LP	9.70	16.59	-4.30	-0.77
		II	20.88	4.45	4.89	2.00		1.10	LP	LP	LP	9.70	16.59	-4.30	-0.77
	Feb	I	15.87	4.50	4.95	2.00		1.10	1.10	LP	LP	9.74	16.68	0.82	0.15
		II	15.87	4.50	4.95	2.00		1.05	1.10	1.10	1.08	4.87	11.82	-4.04	-0.72
	Mar	I	13.98	3.61	3.97	2.00	3.3	1.05	1.05	1.10	1.07	3.85	13.12	-0.86	-0.15
		II	13.98	3.61	3.97	2.00		0.95	1.05	1.05	1.02	3.67	9.64	-4.34	-0.77
	Apr	I	4.25	3.64	4.01	2.00	3.3	0.00	0.95	1.05	0.67	2.43	11.74	7.49	1.33
		II	4.25	3.64	4.01	2.00			0.00	0.95	0.32	1.15	7.16	2.92	0.52
III	Mei	I	5.48	3.22	3.54	2.00		0.50		0.00	0.17	0.54	2.54	-2.95	-0.52
		II	5.48	3.22	3.54	2.00		0.59	0.50		0.36	1.17	3.17	-2.31	-0.41
	Jun	I	0.23	2.99	3.29	2.00		0.96	0.59	0.50	0.68	2.04	4.04	3.81	0.68
		II	0.23	2.99	3.29	2.00		1.05	0.96	0.59	0.87	2.59	4.59	4.36	0.78
	Jul	I	0.00	3.47	3.81	2.00		1.02	1.05	0.96	1.01	3.50	5.50	5.50	0.98
		II	0.00	3.47	3.81	2.00		0.95	1.02	1.05	1.01	3.49	5.49	5.49	0.98
	Agu	I	0.00	4.44	4.88	2.00			0.95	1.02	0.66	2.92	4.92	4.92	0.88
		II	0.00	4.44	4.88	2.00				0.95	0.32	1.41	3.41	3.41	0.61
I	Sep	I	0.00	5.46	6.00	2.00		LP	LP	LP	LP	10.49	18.49	18.49	3.29
		II	0.00	5.46	6.00	2.00		1.10	LP	LP	LP	10.49	18.49	18.49	3.29
	Okt	I	0.00	5.55	6.10	2.00		1.10	1.10	LP	LP	10.56	18.66	18.66	3.32
		II	0.00	5.55	6.10	2.00		1.05	1.10	1.10	1.08	6.01	14.11	14.11	2.51
	Nov	I	5.51	5.27	5.80	2.00	3.3	1.05	1.05	1.10	1.07	5.63	16.73	11.22	2.00
		II	5.51	5.27	5.80	2.00		0.95	1.05	1.05	1.02	5.36	13.16	7.66	1.36
	Des	I	2.78	5.11	5.62	2.00	3.3	0.00	0.95	1.05	0.67	3.41	14.33	11.55	2.06
		II	2.78	5.11	5.62	2.00			0.00	0.95	0.32	1.62	9.24	6.46	1.15
	Kebutuhan Air Maksimum							PADI 1						13.33	2.37
								PADI 2						-0.83	-0.15
								PALAWIJA (JAGUNG)						2.78	0.49

Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 18

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00			0.00	0.95	0.32	1.41	8.30	-12.59	-2.24
II		II	20.88	4.45	4.89	2.00		LP	LP	LP	LP	9.70	16.59	-4.30	-0.77
	Feb	I	15.87	4.50	4.95	2.00		1.10	LP	LP	LP	9.74	16.68	0.82	0.15
		II	15.87	4.50	4.95	2.00		1.10	1.10	LP	LP	9.74	16.68	0.82	0.15
	Mar	I	13.98	3.61	3.97	2.00		1.05	1.10	1.10	1.08	3.91	9.88	-4.10	-0.73
		II	13.98	3.61	3.97	2.00	3.3	1.05	1.05	1.10	1.07	3.85	13.12	-0.86	-0.15
	Apr	I	4.25	3.64	4.01	2.00		0.95	1.05	1.05	1.02	3.71	9.71	5.47	0.97
		II	4.25	3.64	4.01	2.00	3.3	0.00	0.95	1.05	0.67	2.43	11.74	7.49	1.33
	Mei	I	5.48	3.22	3.54	2.00			0.00	0.95	0.32	1.02	6.56	1.07	0.19
III		II	5.48	3.22	3.54	2.00		0.50		0.00	0.17	0.54	2.54	-2.95	-0.52
	Jun	I	0.23	2.99	3.29	2.00		0.59	0.50		0.36	1.09	3.09	2.85	0.51
		II	0.23	2.99	3.29	2.00		0.96	0.59	0.50	0.68	2.04	4.04	3.81	0.68
	Jul	I	0.00	3.47	3.81	2.00		1.05	0.96	0.59	0.87	3.01	5.01	5.01	0.89
		II	0.00	3.47	3.81	2.00		1.02	1.05	0.96	1.01	3.50	5.50	5.50	0.98
	Agu	I	0.00	4.44	4.88	2.00		0.95	1.02	1.05	1.01	4.47	6.47	6.47	1.15
		II	0.00	4.44	4.88	2.00			0.95	1.02	0.66	2.92	4.92	4.92	0.88
	Sep	I	0.00	5.46	6.00	2.00				0.95	0.32	1.73	3.73	3.73	0.66
I		II	0.00	5.46	6.00	2.00		LP	LP	LP	LP	10.49	18.49	18.49	3.29
	Okt	I	0.00	5.55	6.10	2.00		1.10	LP	LP	LP	10.56	18.66	18.66	3.32
		II	0.00	5.55	6.10	2.00		1.10	1.10	LP	LP	10.56	18.66	18.66	3.32
	Nov	I	5.51	5.27	5.80	2.00		1.05	1.10	1.10	1.08	5.71	13.52	8.01	1.43
		II	5.51	5.27	5.80	2.00	3.3	1.05	1.05	1.10	1.07	5.63	16.73	11.22	2.00
	Des	I	2.78	5.11	5.62	2.00		0.95	1.05	1.05	1.02	5.19	12.81	10.04	1.79
		II	2.78	5.11	5.62	2.00	3.3	0.00	0.95	1.05	0.67	3.41	14.33	11.55	2.06
	Kebutuhan Air Maksimum							PADI 1						4.99	0.89
								PADI 2						0.80	0.14
								PALAWIJA (JAGUNG)						3.67	0.65

Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 19

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00	3.3	0.00	0.95	1.05	0.67	2.96	13.15	-7.73	-1.38
		II	20.88	4.45	4.89	2.00			0.00	0.95	0.32	1.41	8.30	-12.59	-2.24
II	Feb	I	15.87	4.50	4.95	2.00		LP	LP	LP	LP	9.74	16.68	0.82	0.15
		II	15.87	4.50	4.95	2.00		1.10	LP	LP	LP	9.74	16.68	0.82	0.15
	Mar	I	13.98	3.61	3.97	2.00		1.10	1.10	LP	LP	9.06	15.03	1.06	0.19
		II	13.98	3.61	3.97	2.00		1.05	1.10	1.10	1.08	3.91	9.88	-4.10	-0.73
	Apr	I	4.25	3.64	4.01	2.00	3.3	1.05	1.05	1.10	1.07	3.89	13.20	8.95	1.59
		II	4.25	3.64	4.01	2.00		0.95	1.05	1.05	1.02	3.71	9.71	5.47	0.97
	Mei	I	5.48	3.22	3.54	2.00	3.3	0.00	0.95	1.05	0.67	2.14	10.98	5.50	0.98
		II	5.48	3.22	3.54	2.00			0.00	0.95	0.32	1.02	6.56	1.07	0.19
III	Jun	I	0.23	2.99	3.29	2.00		0.50		0.00	0.17	0.50	2.50	2.26	0.40
		II	0.23	2.99	3.29	2.00		0.59	0.50		0.36	1.09	3.09	2.85	0.51
	Jul	I	0.00	3.47	3.81	2.00		0.96	0.59	0.50	0.68	2.37	4.37	4.37	0.78
		II	0.00	3.47	3.81	2.00		1.05	0.96	0.59	0.87	3.01	5.01	5.01	0.89
	Agu	I	0.00	4.44	4.88	2.00		1.02	1.05	0.96	1.01	4.48	6.48	6.48	1.15
		II	0.00	4.44	4.88	2.00		0.95	1.02	1.05	1.01	4.47	6.47	6.47	1.15
	Sep	I	0.00	5.46	6.00	2.00			0.95	1.02	0.66	3.58	5.58	5.58	0.99
		II	0.00	5.46	6.00	2.00				0.95	0.32	1.73	3.73	3.73	0.66
I	Okt	I	0.00	5.55	6.10	2.00		LP	LP	LP	LP	10.56	18.66	18.66	3.32
		II	0.00	5.55	6.10	2.00		1.10	LP	LP	LP	10.56	18.66	18.66	3.32
	Nov	I	5.51	5.27	5.80	2.00		1.10	1.10	LP	LP	10.34	18.14	12.64	2.25
		II	5.51	5.27	5.80	2.00		1.05	1.10	1.10	1.08	5.71	13.52	8.01	1.43
	Des	I	2.78	5.11	5.62	2.00	3.3	1.05	1.05	1.10	1.07	5.45	16.37	13.59	2.42
		II	2.78	5.11	5.62	2.00		0.95	1.05	1.05	1.02	5.19	12.81	10.04	1.79
	Kebutuhan Air Maksimum							PADI 1						4.90	0.87
								PADI 2						2.45	0.44
								PALAWIJA (JAGUNG)						4.59	0.82

Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 20

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00		0.95	1.05	1.05	1.02	4.52	11.41	-9.47	-1.69
		II	20.88	4.45	4.89	2.00	3.3	0.00	0.95	1.05	0.67	2.96	13.15	-7.73	-1.38
	Feb	I	15.87	4.50	4.95	2.00			0.00	0.95	0.32	1.42	8.37	-7.49	-1.33
II		II	15.87	4.50	4.95	2.00		LP	LP	LP	LP	9.74	16.68	0.82	0.15
	Mar	I	13.98	3.61	3.97	2.00		1.10	LP	LP	LP	9.06	15.03	1.06	0.19
		II	13.98	3.61	3.97	2.00		1.10	1.10	LP	LP	9.06	15.03	1.06	0.19
	Apr	I	4.25	3.64	4.01	2.00		1.05	1.10	1.10	1.08	3.95	9.96	5.71	1.02
		II	4.25	3.64	4.01	2.00	3.3	1.05	1.05	1.10	1.07	3.89	13.20	8.95	1.59
	Mei	I	5.48	3.22	3.54	2.00		0.95	1.05	1.05	1.02	3.27	8.81	3.33	0.59
		II	5.48	3.22	3.54	2.00	3.3	0.00	0.95	1.05	0.67	2.14	10.98	5.50	0.98
	Jun	I	0.23	2.99	3.29	2.00			0.00	0.95	0.32	0.95	6.24	6.00	1.07
III		II	0.23	2.99	3.29	2.00		0.50		0.00	0.17	0.50	2.50	2.26	0.40
	Jul	I	0.00	3.47	3.81	2.00		0.59	0.50		0.36	1.26	3.26	3.26	0.58
		II	0.00	3.47	3.81	2.00		0.96	0.59	0.50	0.68	2.37	4.37	4.37	0.78
	Agu	I	0.00	4.44	4.88	2.00		1.05	0.96	0.59	0.87	3.85	5.85	5.85	1.04
		II	0.00	4.44	4.88	2.00		1.02	1.05	0.96	1.01	4.48	6.48	6.48	1.15
	Sep	I	0.00	5.46	6.00	2.00		0.95	1.02	1.05	1.01	5.50	7.50	7.50	1.33
		II	0.00	5.46	6.00	2.00			0.95	1.02	0.66	3.58	5.58	5.58	0.99
	Okt	I	0.00	5.55	6.10	2.00				0.95	0.32	1.76	3.76	3.76	0.67
I		II	0.00	5.55	6.10	2.00		LP	LP	LP	LP	10.56	18.66	18.66	3.32
	Nov	I	5.51	5.27	5.80	2.00		1.10	LP	LP	LP	10.34	18.14	12.64	2.25
		II	5.51	5.27	5.80	2.00		1.10	1.10	LP	LP	10.34	18.14	12.64	2.25
	Des	I	2.78	5.11	5.62	2.00		1.05	1.10	1.10	1.08	5.53	13.15	10.38	1.85
		II	2.78	5.11	5.62	2.00	3.3	1.05	1.05	1.10	1.07	5.45	16.37	13.59	2.42
	Kebutuhan Air Maksimum							PADI 1						4.78	0.85
								PADI 2						4.05	0.72
								PALAWIJA (JAGUNG)						4.88	0.87

Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 21

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/h	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00	3.3	1.05	1.05	1.10	1.07	4.74	14.93	-5.95	-1.06
		II	20.88	4.45	4.89	2.00		0.95	1.05	1.05	1.02	4.52	11.41	-9.47	-1.69
	Feb	I	15.87	4.50	4.95	2.00	3.3	0.00	0.95	1.05	0.67	3.00	13.25	-2.62	-0.47
		II	15.87	4.50	4.95	2.00			0.00	0.95	0.32	1.42	8.37	-7.49	-1.33
	Mar	I	13.98	3.61	3.97	2.00		LP	LP	LP	LP	9.06	15.03	1.06	0.19
		II	13.98	3.61	3.97	2.00		1.10	LP	LP	LP	9.06	15.03	1.06	0.19
	Apr	I	4.25	3.64	4.01	2.00		1.10	1.10	LP	LP	9.09	15.10	10.85	1.93
II		II	4.25	3.64	4.01	2.00		1.05	1.10	1.10	1.08	3.95	9.96	5.71	1.02
	Mei	I	5.48	3.22	3.54	2.00	3.3	1.05	1.05	1.10	1.07	3.43	12.27	6.79	1.21
		II	5.48	3.22	3.54	2.00		0.95	1.05	1.05	1.02	3.27	8.81	3.33	0.59
	Jun	I	0.23	2.99	3.29	2.00	3.3	0.00	0.95	1.05	0.67	1.99	10.58	10.35	1.84
		II	0.23	2.99	3.29	2.00			0.00	0.95	0.32	0.95	6.24	6.00	1.07
	Jul	I	0.00	3.47	3.81	2.00		0.50		0.00	0.17	0.58	2.58	2.58	0.46
		II	0.00	3.47	3.81	2.00		0.59	0.50		0.36	1.26	3.26	3.26	0.58
	Agu	I	0.00	4.44	4.88	2.00		0.96	0.59	0.50	0.68	3.03	5.03	5.03	0.90
III		II	0.00	4.44	4.88	2.00		1.05	0.96	0.59	0.87	3.85	5.85	5.85	1.04
	Sep	I	0.00	5.46	6.00	2.00		1.02	1.05	0.96	1.01	5.51	7.51	7.51	1.34
		II	0.00	5.46	6.00	2.00		0.95	1.02	1.05	1.01	5.50	7.50	7.50	1.33
	Okt	I	0.00	5.55	6.10	2.00			0.95	1.02	0.66	3.64	5.64	5.64	1.00
		II	0.00	5.55	6.10	2.00				0.95	0.32	1.76	3.76	3.76	0.67
	Nov	I	5.51	5.27	5.80	2.00		LP	LP	LP	LP	10.34	18.14	12.64	2.25
I		II	5.51	5.27	5.80	2.00		1.10	LP	LP	LP	10.34	18.14	12.64	2.25
	Des	I	2.78	5.11	5.62	2.00		1.10	1.10	LP	LP	10.21	17.83	15.05	2.68
		II	2.78	5.11	5.62	2.00		1.05	1.10	1.10	1.08	5.53	13.15	10.38	1.85
	Kebutuhan Air Maksimum							PADI 1						4.64	0.83
								PADI 2						5.64	1.00
								PALAWIJA (JAGUNG)						5.14	0.92

Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 22

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00		1.05	1.10	1.10	1.08	4.82	11.71	-9.18	-1.63
		II	20.88	4.45	4.89	2.00	3.3	1.05	1.05	1.10	1.07	4.74	14.93	-5.95	-1.06
	Feb	I	15.87	4.50	4.95	2.00		0.95	1.05	1.05	1.02	4.57	11.52	-4.34	-0.77
		II	15.87	4.50	4.95	2.00	3.3	0.00	0.95	1.05	0.67	3.00	13.25	-2.62	-0.47
	Mar	I	13.98	3.61	3.97	2.00			0.00	0.95	0.32	1.14	7.11	-6.86	-1.22
II		II	13.98	3.61	3.97	2.00		LP	LP	LP	LP	9.06	15.03	1.06	0.19
	Apr	I	4.25	3.64	4.01	2.00		1.10	LP	LP	LP	9.09	15.10	10.85	1.93
		II	4.25	3.64	4.01	2.00		1.10	1.10	LP	LP	9.09	15.10	10.85	1.93
	Mei	I	5.48	3.22	3.54	2.00		1.05	1.10	1.10	1.08	3.49	9.02	3.54	0.63
		II	5.48	3.22	3.54	2.00	3.3	1.05	1.05	1.10	1.07	3.43	12.27	6.79	1.21
	Jun	I	0.23	2.99	3.29	2.00		0.95	1.05	1.05	1.02	3.04	8.33	8.10	1.44
		II	0.23	2.99	3.29	2.00	3.3	0.00	0.95	1.05	0.67	1.99	10.58	10.35	1.84
	Jul	I	0.00	3.47	3.81	2.00			0.00	0.95	0.32	1.10	6.91	6.91	1.23
III		II	0.00	3.47	3.81	2.00		0.50		0.00	0.17	0.58	2.58	2.58	0.46
	Agu	I	0.00	4.44	4.88	2.00		0.59	0.50		0.36	1.61	3.61	3.61	0.64
		II	0.00	4.44	4.88	2.00		0.96	0.59	0.50	0.68	3.03	5.03	5.03	0.90
	Sep	I	0.00	5.46	6.00	2.00		1.05	0.96	0.59	0.87	4.73	6.73	6.73	1.20
		II	0.00	5.46	6.00	2.00		1.02	1.05	0.96	1.01	5.51	7.51	7.51	1.34
	Okt	I	0.00	5.55	6.10	2.00		0.95	1.02	1.05	1.01	5.58	7.58	7.58	1.35
		II	0.00	5.55	6.10	2.00			0.95	1.02	0.66	3.64	5.64	5.64	1.00
	Nov	I	5.51	5.27	5.80	2.00				0.95	0.32	1.67	3.67	-1.84	-0.33
I		II	5.51	5.27	5.80	2.00		LP	LP	LP	LP	10.34	18.14	12.64	2.25
	Des	I	2.78	5.11	5.62	2.00		1.10	LP	LP	LP	10.21	17.83	15.05	2.68
		II	2.78	5.11	5.62	2.00		1.10	1.10	LP	LP	10.21	17.83	15.05	2.68
	Kebutuhan Air Maksimum							PADI 1						4.55	0.81
								PADI 2						7.31	1.30
								PALAWIJA (JAGUNG)						4.61	0.82

Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 23

Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00		1.10	1.10	LP	LP	9.70	16.59	-4.30	-0.77
		II	20.88	4.45	4.89	2.00		1.05	1.10	1.10	1.08	4.82	11.71	-9.18	-1.63
	Feb	I	15.87	4.50	4.95	2.00	3.3	1.05	1.05	1.10	1.07	4.80	15.05	-0.82	-0.15
		II	15.87	4.50	4.95	2.00		0.95	1.05	1.05	1.02	4.57	11.52	-4.34	-0.77
	Mar	I	13.98	3.61	3.97	2.00	3.3	0.00	0.95	1.05	0.67	2.41	11.67	-2.30	-0.41
		II	13.98	3.61	3.97	2.00			0.00	0.95	0.32	1.14	7.11	-6.86	-1.22
II	Apr	I	4.25	3.64	4.01	2.00		LP	LP	LP	LP	9.09	15.10	10.85	1.93
		II	4.25	3.64	4.01	2.00		1.10	LP	LP	LP	9.09	15.10	10.85	1.93
	Mei	I	5.48	3.22	3.54	2.00		1.10	1.10	LP	LP	8.78	14.32	8.83	1.57
		II	5.48	3.22	3.54	2.00		1.05	1.10	1.10	1.08	3.49	9.02	3.54	0.63
	Jun	I	0.23	2.99	3.29	2.00	3.3	1.05	1.05	1.10	1.07	3.19	11.78	11.54	2.06
		II	0.23	2.99	3.29	2.00		0.95	1.05	1.05	1.02	3.04	8.33	8.10	1.44
	Jul	I	0.00	3.47	3.81	2.00	3.3	0.00	0.95	1.05	0.67	2.31	11.43	11.43	2.03
		II	0.00	3.47	3.81	2.00			0.00	0.95	0.32	1.10	6.91	6.91	1.23
III	Agu	I	0.00	4.44	4.88	2.00		0.50		0.00	0.17	0.74	2.74	2.74	0.49
		II	0.00	4.44	4.88	2.00		0.59	0.50		0.36	1.61	3.61	3.61	0.64
	Sep	I	0.00	5.46	6.00	2.00		0.96	0.59	0.50	0.68	3.73	5.73	5.73	1.02
		II	0.00	5.46	6.00	2.00		1.05	0.96	0.59	0.87	4.73	6.73	6.73	1.20
	Okt	I	0.00	5.55	6.10	2.00		1.02	1.05	0.96	1.01	5.60	7.60	7.60	1.35
		II	0.00	5.55	6.10	2.00		0.95	1.02	1.05	1.01	5.58	7.58	7.58	1.35
	Nov	I	5.51	5.27	5.80	2.00			0.95	1.02	0.66	3.46	5.46	-0.04	-0.01
		II	5.51	5.27	5.80	2.00				0.95	0.32	1.67	3.67	-1.84	-0.33
I	Des	I	2.78	5.11	5.62	2.00		LP	LP	LP	LP	10.21	17.83	15.05	2.68
		II	2.78	5.11	5.62	2.00		1.10	LP	LP	LP	10.21	17.83	15.05	2.68
	Kebutuhan Air Maksimum							PADI 1						4.44	0.79
								PADI 2						9.01	1.60
								PALAWIJA (JAGUNG)						4.02	0.71

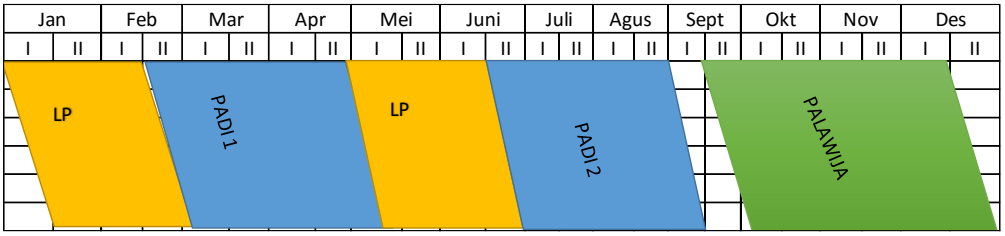
Sumber : Hasil perhitungan, 2020

Analisis kebutuhan air irigasi Alternatif 24

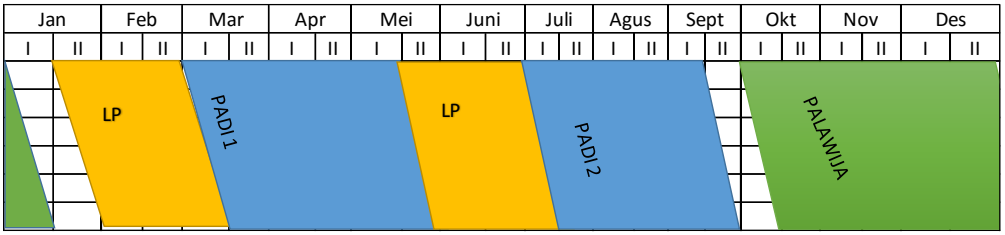
Masa Tanam	Bulan		Re mm/hari	Eto mm/hari	Eo mm/hari	P mm/hari	WLR mm/hari	Koefisien Tanaman				Etc mm/hari	Total kebutuhan air mm/hari	NFR mm/hari	DR lt/dt/hari
								C1	C2	C3	C				
	1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Jan	I	20.88	4.45	4.89	2.00		1.10	LP	LP	LP	9.70	16.59	-4.30	-0.77
		II	20.88	4.45	4.89	2.00		1.10	1.10	LP	LP	9.70	16.59	-4.30	-0.77
	Feb	I	15.87	4.50	4.95	2.00		1.05	1.10	1.10	1.08	4.87	11.82	-4.04	-0.72
		II	15.87	4.50	4.95	2.00	3.3	1.05	1.05	1.10	1.07	4.80	15.05	-0.82	-0.15
	Mar	I	13.98	3.61	3.97	2.00		0.95	1.05	1.05	1.02	3.67	9.64	-4.34	-0.77
		II	13.98	3.61	3.97	2.00	3.3	0.00	0.95	1.05	0.67	2.41	11.67	-2.30	-0.41
	Apr	I	4.25	3.64	4.01	2.00			0.00	0.95	0.32	1.15	7.16	2.92	0.52
II		II	4.25	3.64	4.01	2.00		LP	LP	LP	LP	9.09	15.10	10.85	1.93
	Mei	I	5.48	3.22	3.54	2.00		1.10	LP	LP	LP	8.78	14.32	8.83	1.57
		II	5.48	3.22	3.54	2.00		1.10	1.10	LP	LP	8.78	14.32	8.83	1.57
	Jun	I	0.23	2.99	3.29	2.00		1.05	1.10	1.10	1.08	3.24	8.53	8.29	1.48
		II	0.23	2.99	3.29	2.00	3.3	1.05	1.05	1.10	1.07	3.19	11.78	11.54	2.06
	Jul	I	0.00	3.47	3.81	2.00		0.95	1.05	1.05	1.02	3.53	9.34	9.34	1.66
		II	0.00	3.47	3.81	2.00	3.3	0.00	0.95	1.05	0.67	2.31	11.43	11.43	2.03
	Agu	I	0.00	4.44	4.88	2.00			0.00	0.95	0.32	1.41	8.29	8.29	1.48
III		II	0.00	4.44	4.88	2.00		0.50		0.00	0.17	0.74	2.74	2.74	0.49
	Sep	I	0.00	5.46	6.00	2.00		0.59	0.50		0.36	1.98	3.98	3.98	0.71
		II	0.00	5.46	6.00	2.00		0.96	0.59	0.50	0.68	3.73	5.73	5.73	1.02
	Okt	I	0.00	5.55	6.10	2.00		1.05	0.96	0.59	0.87	4.81	6.81	6.81	1.21
		II	0.00	5.55	6.10	2.00		1.02	1.05	0.96	1.01	5.60	7.60	7.60	1.35
	Nov	I	5.51	5.27	5.80	2.00		0.95	1.02	1.05	1.01	5.31	7.31	1.80	0.32
		II	5.51	5.27	5.80	2.00			0.95	1.02	0.66	3.46	5.46	-0.04	-0.01
	Des	I	2.78	5.11	5.62	2.00				0.95	0.32	1.62	3.62	0.84	0.15
I		II	2.78	5.11	5.62	2.00		LP	LP	LP	LP	10.21	17.83	15.05	2.68
	Kebutuhan Air Maksimum							PADI 1						4.36	0.78
								PADI 2						9.68	1.72
								PALAWIJA (JAGUNG)						3.68	0.66

Sumber : Hasil perhitungan, 2020

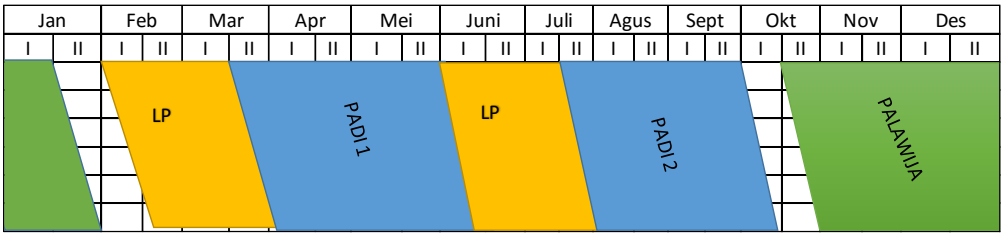
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 1



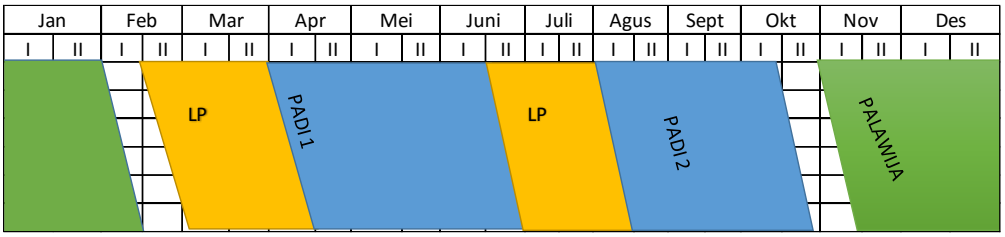
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 2



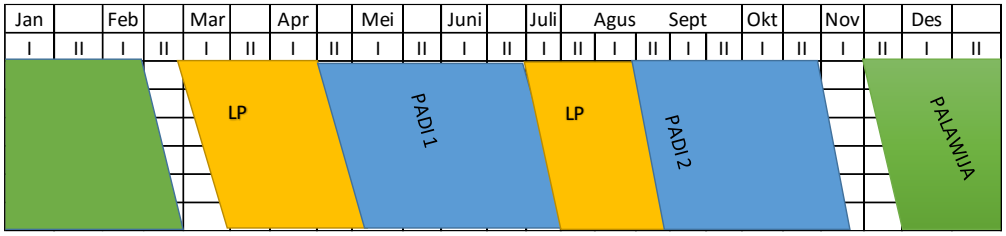
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 3



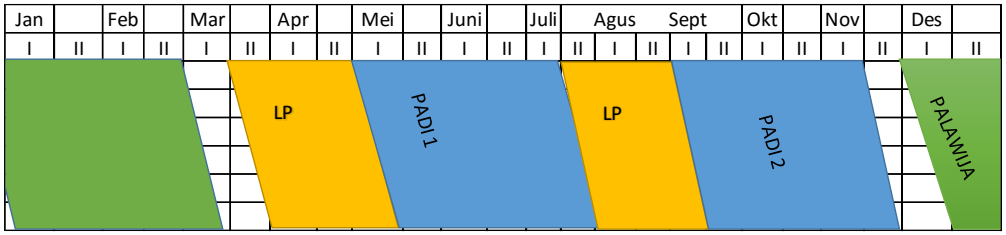
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 4



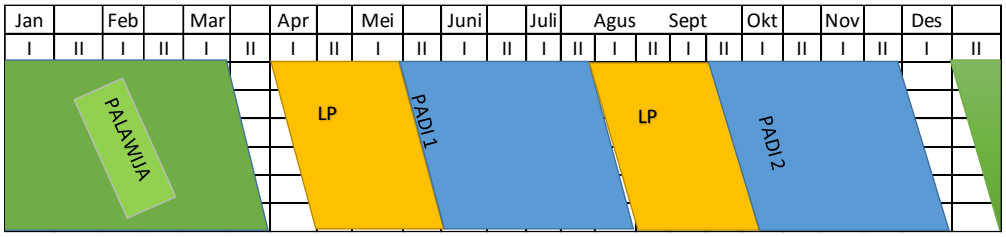
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 5



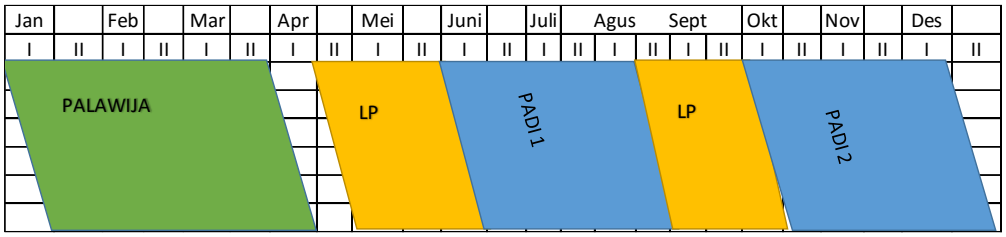
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 6



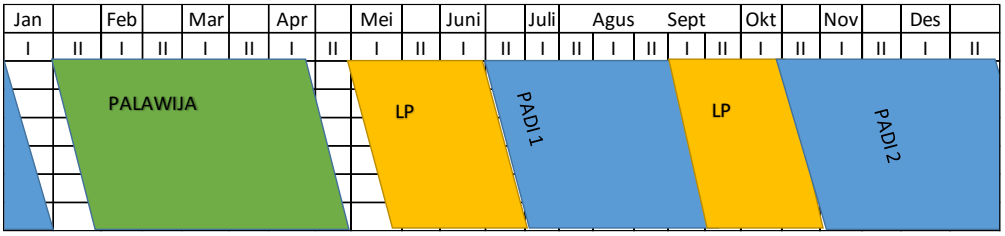
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 7



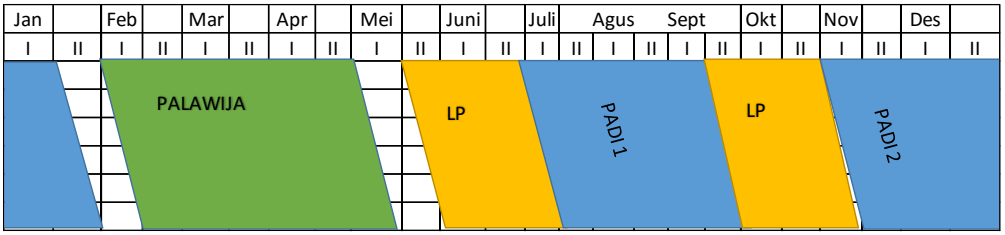
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 8



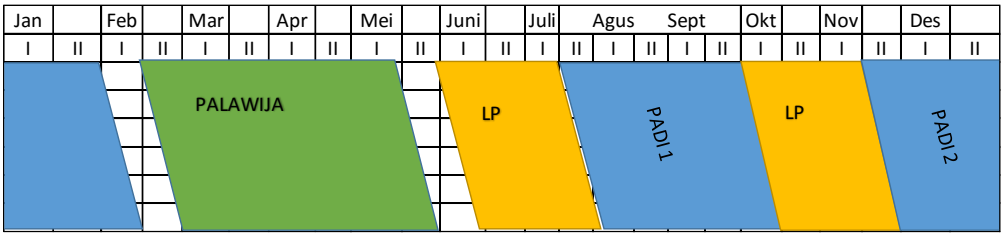
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 9



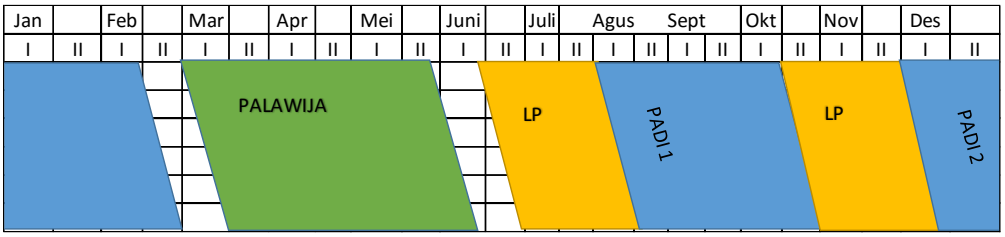
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 10



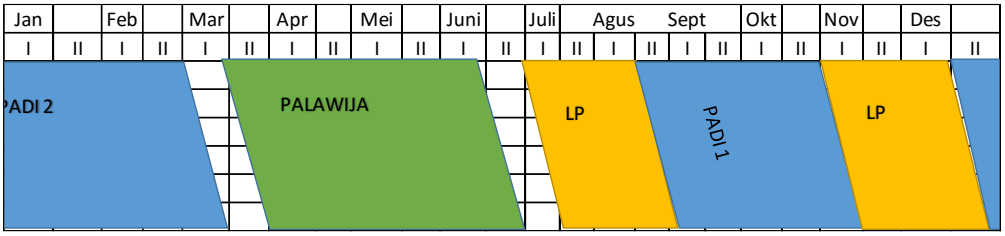
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 11



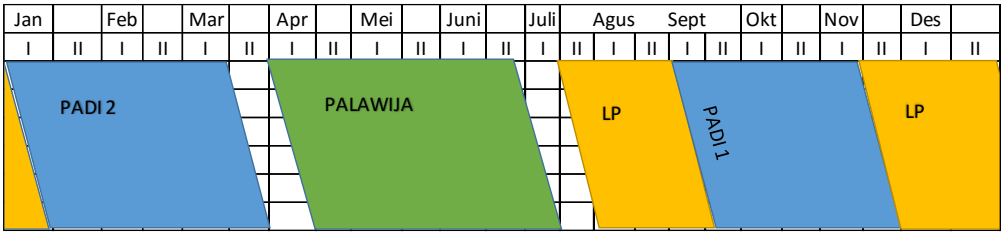
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 12



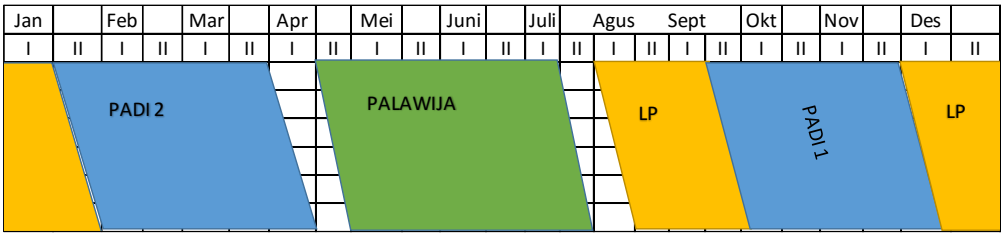
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 13



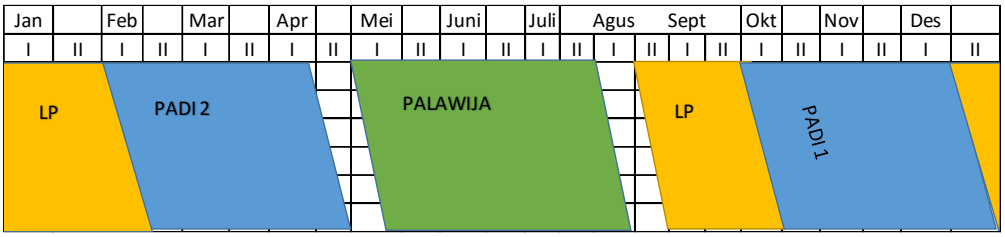
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 14



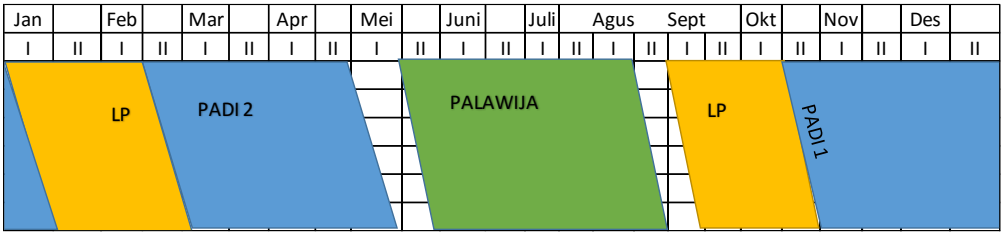
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 15



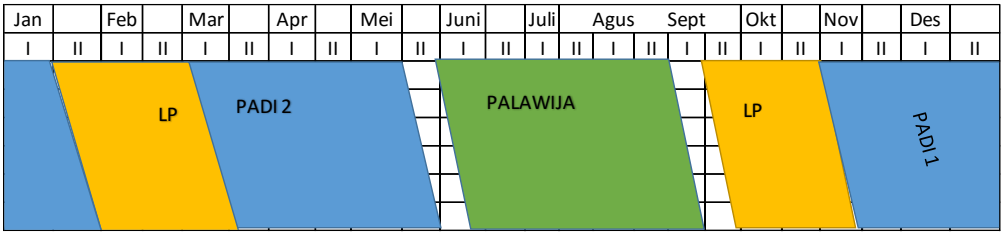
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 16



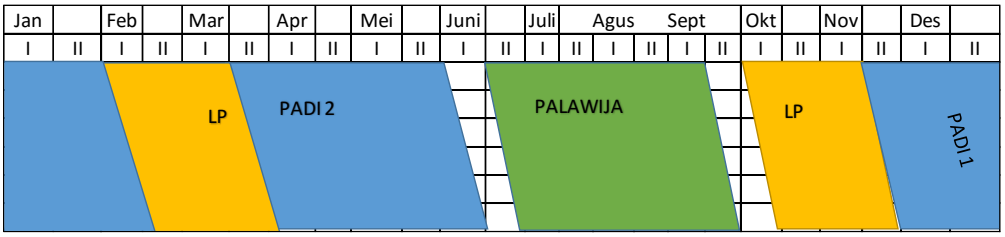
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 17



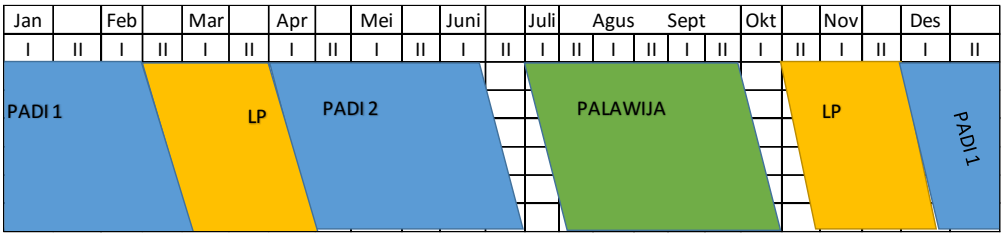
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 18



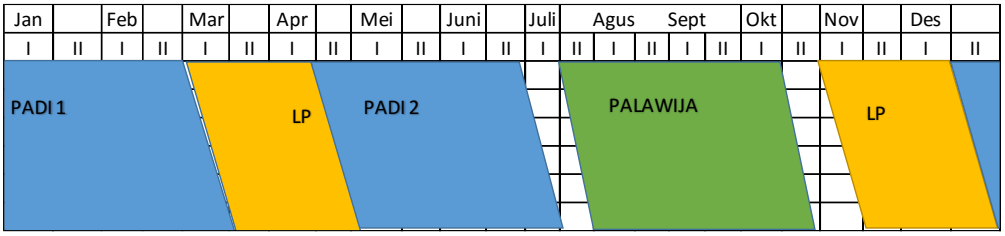
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 19



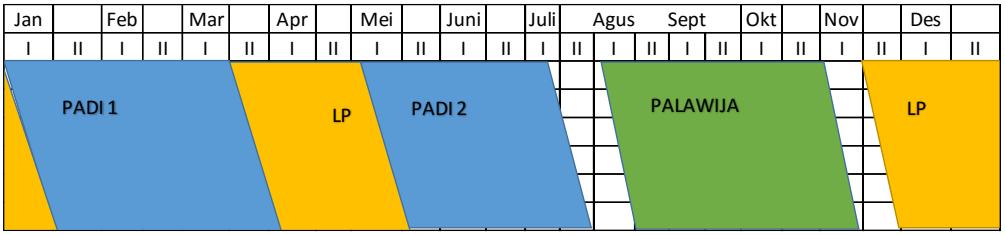
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 20



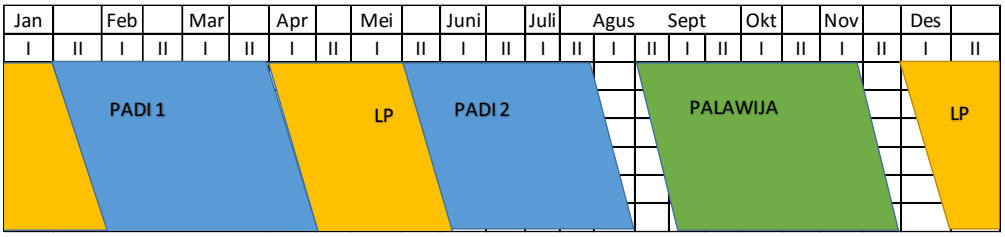
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 21



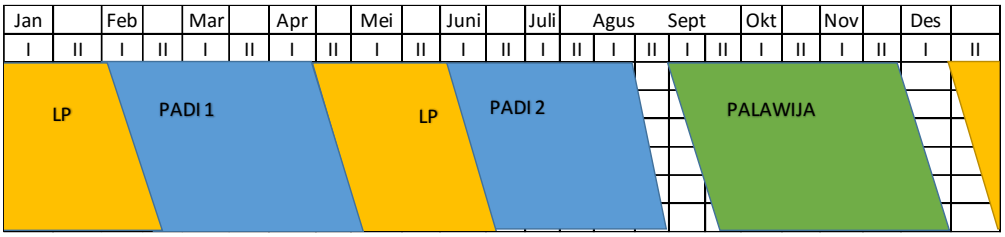
Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 22



Pola tata tanam sesuai dengan analisis kebutuhan air irigasi altternatif 23



Pola tata tanam sesuai dengan analisis kebutuhan air irigasi alternatif 24



DATA HUJAN TAHUNAN TH. 2009

NAMA STASIUN : BARENG
PADA DAS : K. BRANTAS
KECAMATAN : BARENG
KABUPATEN : JOMBANG
ELEVASI : ± 116
NOMOR PETA : 28
KOORDINAT LS 07° 41' 19,9"
BT 112° 18' 16,3"
DINAS PU BINA MARGA DAN PENGAIRAN KABUPATEN JOMBANG

NO. : 72
NO.DAS : -

Laporan : Tahunan
Formulir : 17 - O

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	59	-	59	5	-	-	-	-	-	-	-
2	-	18	7	-	-	10	-	-	-	-	-	-
3	-	-	24	-	-	-	-	-	-	-	-	-
4	2	20	50	-	-	-	-	-	-	-	-	-
5	-	24	51	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	3	-	-	-	-	-	-	-	-	-
8	12	21	-	-	-	-	-	-	-	-	-	-
9	75	26	-	-	-	-	-	-	-	-	-	-
10	7	-	-	-	6	-	-	-	-	-	-	-
11	25	-	-	-	-	-	-	-	-	-	-	-
12	11	-	-	-	15	-	-	-	-	-	-	-
13	3	-	3	12	-	-	-	-	-	-	20	-
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	9	30	4	-	-	-	-	-	-	29	-
16	9	-	-	50	5	-	-	-	-	-	-	-
17	-	20	83	11	-	-	-	-	-	-	17	-
18	24	8	-	-	19	-	-	-	-	-	2	-
19	3	9	-	-	4	-	-	-	-	-	25	-
20	-	-	-	34	33	-	-	-	-	-	-	-
21	-	23	-	-	12	-	-	-	-	-	-	-
22	-	25	29	-	-	-	-	-	-	-	-	-
23	-	4	-	-	-	-	-	-	-	-	-	-
24	-	10	-	-	-	-	-	-	-	-	-	-
25	85	30	-	-	-	-	-	-	-	-	-	-
26	41	24	-	-	15	-	-	-	-	-	-	8
27	22	24	-	-	-	-	-	-	-	-	-	4
28	40	9	3	-	-	-	-	-	-	-	-	-
29	3	-	-	-	-	-	-	-	-	-	30	-
30	43	-	-	-	4	-	-	-	-	-	-	13
31	10	-	30	-	-	-	-	-	-	-	-	-
Total	415	363	313	170	118	10	-	-	-	-	123	25
15 H (I)	135	177	168	75	26	10	-	-	-	-	49	-
15 H (II)	280	186	145	95	92	-	-	-	-	-	74	25
Hari Hujan	17	18	11	6	10	1	-	-	-	-	6	3
Hujan Max	85	59	83	59	33	10	-	-	-	-	30	13
Total Setahun :	1,537											

PENJELASAN :

- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2010
KEPALA DINAS PEKERJAAN UMUM
BINA MARGA DAN PENGAIRAN
KABUPATEN JOMBANG

GOETOMO, ST.Msi
Pembina Tingkat I

DATA HUJAN TAHUNAN TH. 2009

NAMA STASIUN : REJOAGUNG
PADA DAS : K. BRANTAS
KECAMATAN : NGORO
KABUPATEN : JOMBANG
ELEVASI : ± 128
NOMOR PETA : 30
KOORDINAT LS 07° 42' 41,9"
BT 112° 16' 35,4"
DINAS PU BINA MARGA DAN PENGAIRAN KABUPATEN JOMBANG

NO. : 73
NO.DAS : -

Laporan : Tahunan
Formulir : 17 - O

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	8	22	-	-	-	-	-	-	-	-	-
2	-	76	-	-	-	-	-	-	-	-	-	-
3	-	12	7	-	-	-	-	-	-	-	-	-
4	-	-	29	-	-	-	-	-	-	-	-	-
5	-	23	23	-	-	-	-	-	-	-	-	-
6	-	13	37	-	-	-	-	-	-	-	-	-
7	-	-	6	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	19	14	-	-	-	-	-	-	-	-	-	12
10	157	-	-	-	-	-	-	-	-	-	-	4
11	-	-	-	-	4	-	-	-	-	-	-	-
12	8	-	-	-	-	-	-	-	-	-	-	-
13	22	-	-	-	-	-	-	-	-	-	-	-
14	8	-	-	8	-	-	-	-	-	-	20	-
15	-	-	12	-	-	-	-	-	-	-	-	-
16	-	23	-	-	-	-	-	-	-	-	20	-
17	16	10	-	-	-	-	-	-	-	-	6	-
18	-	12	60	-	6	-	-	-	-	-	12	-
19	24	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	12	-
21	-	12	-	-	30	-	-	-	-	-	-	-
22	-	14	10	4	7	-	-	-	-	-	-	-
23	28	8	15	-	48	-	-	-	-	-	-	-
24	4	14	-	-	-	-	-	-	-	-	-	-
25	12	8	-	-	-	-	-	-	-	-	-	6
26	87	22	-	-	4	-	-	-	-	-	-	14
27	15	22	65	-	11	-	-	-	-	-	12	46
28	27	26	-	-	-	-	-	-	-	-	-	6
29	27	-	-	-	7	-	-	-	-	-	6	-
30	12	-	-	-	-	-	-	-	-	-	25	-
31	14	-	-	-	-	-	-	-	-	-	-	6
Total	480	317	286	12	117	-	-	-	-	-	113	94
15 H (I)	214	146	136	8	4	-	-	-	-	-	20	16
15 H (II)	266	171	150	4	113	-	-	-	-	-	93	78
Hari Hujan	16	17	11	2	8	-	-	-	-	-	8	7
Hujan Max	157	76	65	8	48	-	-	-	-	-	25	46
Total Setahun :	1,419											

PENJELASAN :

- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2010
KEPALA DINAS PEKERJAAN UMUM
BINA MARGA DAN PENGAIRAN
KABUPATEN JOMBANG

GOETOMO, ST.Msi
Pembina Tingkat I

DATA HUJAN TAHUNAN TH. 2010

NAMA STASIUN : BARENG
PADA DAS : K. BRANTAS
KECAMATAN : BARENG
KABUPATEN : JOMBANG
ELEVASI : ± 116
NOMOR PETA : 28
KOORDINAT LS 07° 41' 19,9"
BT 112° 18' 16,3"
DINAS PU BINA MARGA DAN PENGAIRAN KABUPATEN JOMBANG

NO. : 72
NO.DAS : -

Laporan : Tahunan
Formulir : 17 - O

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	-	20	-	-	-	-	-	-	-	25	18
2	8	25	-	29	-	-	-	-	-	-	12	20
3	-	-	15	-	12	-	-	-	-	-	-	16
4	-	32	-	-	5	-	-	-	-	-	10	16
5	-	4	71	8	47	-	-	-	-	-	-	22
6	110	-	3	39	-	-	-	-	40	-	23	21
7	-	21	-	-	-	-	-	-	18	5	-	19
8	-	21	-	-	-	-	-	-	-	-	14	10
9	6	8	-	-	17	-	-	-	-	-	12	7
10	54	-	-	7	13	-	-	-	-	-	5	4
11	-	-	16	-	4	6	-	-	-	-	-	-
12	14	-	8	17	-	-	-	-	42	-	-	20
13	10	40	48	-	-	-	-	-	-	-	-	41
14	-	-	-	-	-	-	8	-	-	-	-	-
15	-	30	2	-	5	17	-	-	-	85	-	12
16	-	10	-	-	17	18	-	-	-	-	-	21
17	-	7	58	10	12	42	-	-	-	26	34	18
18	-	3	30	-	-	-	10	-	-	8	-	-
19	-	26	-	5	-	-	-	-	-	20	-	34
20	49	9	-	-	-	-	-	-	-	-	-	5
21	8	37	-	-	-	-	-	-	18	-	4	22
22	5	31	-	-	11	-	-	-	-	-	-	45
23	-	7	-	10	-	-	-	-	48	-	-	-
24	39	-	-	22	-	-	-	-	-	-	-	-
25	9	-	5	36	9	-	-	-	-	-	-	-
26	8	41	-	29	5	-	20	-	-	-	22	-
27	33	-	-	-	46	-	-	-	-	-	-	-
28	3	3	46	25	-	-	12	-	-	-	14	-
29	-	-	16	12	15	-	-	-	-	-	15	-
30	-	-	14	-	-	-	-	-	-	11	-	-
31	-	-	55	-	42	-	-	-	-	15	-	-
Total	356	355	407	249	260	83	50	-	166	170	190	371
15 H (I)	202	181	183	100	103	23	8	-	100	90	101	226
15 H (II)	154	174	224	149	157	60	42	-	66	80	89	145
Hari Hujan	14	18	15	13	15	4	4	-	5	7	12	19
Hujan Max	110	41	71	39	47	42	20	-	-	-	34	45
Total Setahun :	2,657											

PENJELASAN :

- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2011
KEPALA DINAS PEKERJAAN UMUM
BINA MARGA DAN PENGAIRAN
KABUPATEN JOMBANG

GOETOMO, ST.Msi
Pembina Tingkat I
NIP. 19540806 197611 1 001

DATA HUJAN TAHUNAN TH. 2010

NAMA STASIUN : REJOAGUNG
PADA DAS : K. BRANTAS
KECAMATAN : NGORO
KABUPATEN : JOMBANG
ELEVASI : ± 128
NOMOR PETA : 30
KOORDINAT LS 07° 42' 41,9"
BT 112° 16' 35,4"
DINAS PU BINA MARGA DAN PENGAIRAN KABUPATEN JOMBANG

NO. : 73
NO.DAS : -

Laporan : Tahunan
Formulir : 17 - O

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	9	7	6	-	-	-	-	-	-	18	-
2	7	7	-	12	-	-	-	-	-	-	20	32
3	4	-	12	-	29	-	-	-	-	-	-	-
4	18	43	-	-	-	-	-	32	-	-	27	-
5	-	4	20	28	21	-	-	-	-	-	6	12
6	66	42	4	26	-	-	-	-	28	3	14	53
7	-	22	-	-	-	8	-	-	32	-	-	23
8	4	6	-	-	-	12	-	-	-	-	19	-
9	26	-	-	-	12	-	-	-	24	-	12	23
10	8	-	-	-	31	-	-	-	-	18	53	-
11	4	-	-	18	-	-	-	-	8	-	-	-
12	15	-	-	8	-	-	8	-	24	-	-	32
13	14	36	-	-	-	-	-	-	-	-	-	-
14	-	-	-	17	-	-	12	-	-	-	-	-
15	-	20	28	-	-	-	-	12	-	38	-	10
16	-	35	-	-	-	-	-	-	-	-	-	21
17	-	26	26	28	12	8	-	-	12	8	-	-
18	-	-	18	-	-	12	10	-	-	-	-	-
19	-	14	-	20	-	-	-	-	-	10	-	76
20	36	5	-	-	-	-	-	-	-	28	-	-
21	22	4	-	-	-	-	-	-	-	-	7	-
22	3	33	17	-	-	-	-	-	-	-	-	-
23	-	8	-	12	-	-	-	-	55	-	-	8
24	32	4	-	-	-	-	-	-	-	-	5	-
25	12	-	12	12	8	-	-	-	-	6	-	-
26	12	29	-	36	-	-	22	-	-	-	-	-
27	36	-	-	8	38	-	-	-	-	-	-	-
28	6	9	24	17	-	-	13	-	-	-	28	-
29	-	-	-	54	-	-	-	-	-	-	16	-
30	23	-	12	-	-	-	-	-	-	-	-	-
31	17	-	-	-	48	-	-	-	-	-	-	-
Total	365	356	180	302	199	40	65	44	183	111	225	290
15 H (I)	166	189	71	115	93	20	20	44	116	59	169	185
15 H (II)	199	167	109	187	106	20	45	-	67	52	56	105
Hari Hujan	20	19	11	15	8	4	5	2	7	7	12	10
Hujan Max	66	43	28	54	48	12	22	32	-	-	53	76
Total Setahun :	2,360											

PENJELASAN :

- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2011
KEPALA DINAS PEKERJAAN UMUM
BINA MARGA DAN PENGAIRAN
KABUPATEN JOMBANG

GOETOMO, ST.Msi
Pembina Tingkat I
NIP. 19540806 197611 1 001

DATA HUJAN TAHUNAN TH. 2011

NAMA STASIUN : BARENG
PADA DAS : K. BRANTAS
KECAMATAN : BARENG
KABUPATEN : JOMBANG
ELEVASI : ± 116
NOMOR PETA : 28
KOORDINAT LS 07° 41' 19,9"
BT 112° 18' 16,3"
DINAS PU BINA MARGA DAN PENGAIRAN KABUPATEN JOMBANG

NO. : 72
NO.DAS : -

Laporan : Tahunan
Formulir : 17 - O

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	-	35	-	16	5	-	-	-	-	-	-
2	34	37	33	21	17	-	-	-	-	-	-	-
3	19	12	-	-	7	-	-	-	-	-	10	3
4	13	-	-	15	-	-	-	-	-	-	6	31
5	-	35	-	-	-	-	-	-	-	-	23	-
6	-	-	25	-	40	-	-	-	-	-	4	41
7	-	-	5	-	63	-	-	-	-	-	-	-
8	5	-	4	-	-	-	-	-	-	-	42	-
9	17	-	15	-	7	-	-	-	-	-	24	-
10	-	11	25	20	-	-	-	-	-	-	12	-
11	4	-	7	12	-	-	-	-	-	-	11	-
12	-	-	23	14	-	-	4	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	22
14	-	-	-	11	15	-	19	-	-	-	15	-
15	-	-	-	-	-	-	-	-	-	-	-	64
16	25	5	-	68	50	-	-	-	-	-	-	6
17	-	9	-	-	-	-	-	-	-	-	-	7
18	14	15	-	-	-	-	-	-	-	-	17	-
19	22	-	-	-	-	-	-	-	-	-	-	-
20	-	23	-	-	-	-	-	-	-	-	-	8
21	107	-	5	-	-	-	-	-	-	-	-	-
22	4	-	-	-	-	-	-	-	-	-	-	53
23	35	4	-	-	-	-	-	-	-	-	7	13
24	-	16	-	-	-	-	-	-	-	-	-	-
25	33	13	27	-	-	-	-	-	-	-	-	-
26	25	15	25	-	-	-	-	-	-	-	-	12
27	8	-	11	-	-	-	-	-	-	-	-	39
28	7	14	32	-	-	10	-	-	-	-	15	-
29	7	-	58	-	-	-	-	-	-	-	26	-
30	16	-	-	26	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-
Total	395	209	330	187	215	15	23	-	-	-	212	299
15 H (I)	92	95	172	93	165	5	23	-	-	-	147	161
15 H (II)	303	114	158	94	50	10	-	-	-	-	65	138
Hari Hujan	18	13	15	8	8	2	2	-	-	-	13	12
Hujan Max	107	37	58	68	63	10	19	-	-	-	42	64

Total Setahun : 1,885

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2012
KEPALA DINAS PEKERJAAN UMUM
BINA MARGA DAN PENGAIRAN
KABUPATEN JOMBANG

GOETOMO, ST.Msi
Pembina Tingkat I
NIP. 19540806 197611 1 001

DATA HUJAN TAHUNAN TH. 2011

NAMA STASIUN : REJOAGUNG NO. : 73 Laporan : Tahunan
PADA DAS : K. BRANTAS NO.DAS : - Formulir : 17 - O
KECAMATAN : NGORO
KABUPATEN : JOMBANG
ELEVASI : ± 128
NOMOR PETA : 30
KOORDINAT LS 07º 42' 41,9"
BT 112º 16' 35,4"
DINAS PU BINA MARGA DAN PENGAIRAN KABUPATEN JOMBANG

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	-	36	-	-	-	-	-	-	-	-	8
2	5	-	4	24	47	-	-	-	-	-	31	-
3	-	-	-	-	5	-	-	-	-	-	5	-
4	-	-	-	8	-	-	-	-	-	-	28	-
5	-	-	-	-	6	-	-	-	-	-	-	-
6	-	-	31	-	39	-	-	-	-	-	5	8
7	-	-	2	-	48	-	-	-	-	-	35	-
8	-	-	-	-	-	-	-	-	-	-	25	-
9	9	-	11	-	8	-	-	-	-	-	35	26
10	-	8	4	-	-	-	-	-	-	-	15	-
11	-	-	-	12	-	-	-	-	-	-	-	8
12	12	-	18	19	-	-	-	-	-	-	-	-
13	-	-	12	-	-	-	-	-	-	-	-	-
14	-	-	-	-	42	-	-	-	-	-	-	-
15	6	-	-	22	-	-	-	-	-	-	-	28
16	-	-	-	44	28	-	-	-	-	-	12	8
17	-	-	-	10	-	-	-	-	-	-	14	-
18	18	-	-	-	-	-	-	-	-	-	17	12
19	-	-	-	12	-	-	-	-	-	-	-	-
20	9	-	-	-	-	-	-	-	-	-	-	24
21	56	16	-	-	-	-	-	-	-	12	-	59
22	8	-	-	-	-	-	-	-	-	-	-	8
23	-	6	14	-	-	-	-	-	-	-	-	-
24	16	18	-	-	-	-	-	-	-	-	-	-
25	58	6	8	-	-	-	-	-	-	-	-	-
26	22	15	49	-	-	-	-	-	-	-	-	29
27	5	8	14	-	-	-	-	-	-	8	-	54
28	-	26	16	-	-	-	-	-	-	-	-	6
29	21	-	74	-	-	-	-	-	-	-	-	-
30	-	-	14	-	-	-	-	-	-	4	4	-
31	-	-	-	-	-	-	-	-	-	83	-	-
Total	245	103	307	151	223	-	-	-	-	107	226	278
15 H (I)	32	8	118	85	195	-	-	-	-	-	179	78
15 H (II)	213	95	189	66	28	-	-	-	-	107	47	200
Hari Hujan	13	8	15	8	8	-	-	-	-	4	12	13
Hujan Max	58	26	74	44	48	-	-	-	-	-	35	59

Total Setahun : 1,640

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2012
KEPALA DINAS PEKERJAAN UMUM
BINA MARGA DAN PENGAIRAN
KABUPATEN JOMBANG

GOETOMO, ST.Msi
Pembina Tingkat I
NIP. 19540806 197611 1 001

DATA HUJAN TAHUNAN TH. 2011

NAMA STASIUN : BARENG
PADA DAS : K. BRANTAS
KECAMATAN : BARENG
KABUPATEN : JOMBANG
ELEVASI : ± 116
NOMOR PETA : 28
KOORDINAT LS 07° 41' 19,9"
BT 112° 18' 16,3"
DINAS PU BINA MARGA DAN PENGAIRAN KABUPATEN JOMBANG

NO. : 72
NO.DAS : -

Laporan : Tahunan
Formulir : 17 - O

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	8	-	-	25	-	-	-	-	-	-	-
2	-	-	13	2	4	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	19
4	-	32	-	-	-	-	-	-	-	-	29	1
5	-	15	5	9	23	-	-	-	-	-	-	35
6	-	-	2	3	-	-	-	-	-	-	1	14
7	-	-	15	-	-	-	-	-	-	-	2	-
8	-	-	15	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	8	-	-	-	-	-	-
10	-	-	29	-	-	-	-	-	-	-	-	-
11	-	-	14	-	-	4	-	-	-	-	14	4
12	-	-	14	-	-	-	-	-	-	-	-	5
13	-	-	-	-	-	-	-	-	-	-	-	13
14	-	-	7	-	6	-	-	-	-	-	-	-
15	-	-	10	-	-	-	-	-	-	-	-	-
16	-	11	-	-	-	-	-	-	-	-	-	-
17	-	23	-	-	-	-	-	-	-	-	-	4
18	-	11	-	-	-	-	-	-	-	13	22	45
19	-	-	-	-	-	-	-	-	-	-	7	10
20	-	34	-	-	-	-	-	-	-	-	-	-
21	39	40	-	-	-	-	-	-	-	-	-	5
22	12	-	-	-	-	-	-	-	-	-	2	-
23	45	-	-	-	-	-	-	-	-	-	26	-
24	4	-	-	-	-	-	-	-	-	-	28	8
25	-	-	-	-	-	-	-	-	-	-	44	2
26	-	45	-	-	-	-	-	-	-	-	-	3
27	5	-	-	-	-	-	-	-	-	-	-	14
28	36	9	-	-	-	-	-	-	-	-	-	101
29	-	-	-	-	-	-	-	-	-	-	19	1
30	52	-	-	-	-	-	-	-	-	-	2	6
31	26	-	-	-	-	-	-	-	-	-	-	21
Total	219	228	124	14	58	12	-	-	-	13	196	311
15 H (I)	-	55	124	14	58	12	-	-	-	-	46	91
15 H (II)	219	173	-	-	-	-	-	-	-	13	150	220
Hari Hujan	8	10	10	3	4	2	-	-	-	1	12	19
Hujan Max	52	45	29	9	25	8	-	-	-	-	44	101

Total Setahun : 1,175

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2013
KEPALA DINAS PEKERJAAN UMUM
BINA MARGA DAN PENGAIRAN
KABUPATEN JOMBANG

Ir. SUCIPTO, M.Si
Pembina Tingkat I
NIP. 19581223 198603 1 010

DATA HUJAN TAHUNAN TH. 2011

NAMA STASIUN : REJOAGUNG NO. : 73 Laporan : Tahunan
PADA DAS : K. BRANTAS NO.DAS : - Formulir : 17 - O
KECAMATAN : NGORO
KABUPATEN : JOMBANG
ELEVASI : ± 128
NOMOR PETA : 30
KOORDINAT LS 07º 42' 41,9"
BT 112º 16' 35,4"
DINAS PU BINA MARGA DAN PENGAIRAN KABUPATEN JOMBANG

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	-	-	-	15	-	-	-	-	-	-	-
2	-	-	10	-	8	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	10	-	17	-	-	-	-	-	-	27	-
5	-	12	22	-	-	-	-	-	-	-	14	62
6	-	32	10	4	12	-	-	-	-	-	-	-
7	-	-	12	9	-	-	-	-	-	-	-	-
8	-	-	-	-	8	-	-	-	-	-	-	-
9	-	-	5	-	-	10	-	-	-	-	-	-
10	-	-	9	-	-	-	-	-	-	-	-	-
11	-	-	16	-	-	-	-	-	-	-	-	18
12	-	-	18	-	-	-	-	-	-	-	-	8
13	-	-	12	-	-	-	-	-	-	-	-	7
14	-	-	18	-	9	-	-	-	-	-	-	-
15	-	-	25	-	-	-	-	-	-	-	-	-
16	-	29	-	-	-	-	-	-	-	-	-	8
17	-	54	-	-	-	-	-	-	-	-	18	10
18	-	15	-	-	7	-	-	-	-	-	54	-
19	-	-	-	-	-	-	-	-	-	-	-	12
20	-	17	-	-	-	-	-	-	-	-	9	-
21	-	27	-	-	-	-	-	-	-	-	-	-
22	20	-	-	-	-	-	-	-	-	-	-	-
23	18	-	-	-	-	-	-	-	-	-	6	8
24	-	12	-	-	9	-	-	-	-	-	56	6
25	-	-	-	-	-	-	-	-	-	-	-	-
26	8	7	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	8
28	35	32	-	-	7	-	-	-	-	-	-	113
29	-	-	-	-	-	-	-	-	-	-	-	12
30	-	-	-	-	-	-	-	-	-	-	-	23
31	-	-	-	-	-	-	-	-	-	-	-	16
Total	81	247	157	30	75	10	-	-	-	-	184	311
15 H (I)	-	54	157	30	52	10	-	-	-	-	41	95
15 H (II)	81	193	-	-	23	-	-	-	-	-	143	216
Hari Hujan	4	11	11	3	8	1	-	-	-	-	7	14
Hujan Max	35	54	25	17	15	10	-	-	-	-	56	113

Total Setahun : 1,095

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2013
KEPALA DINAS PEKERJAAN UMUM
BINA MARGA DAN PENGAIRAN
KABUPATEN JOMBANG

Ir. SUCIPTO, M.Si
Pembina Tingkat I
NIP. 19581223 198603 1 010

DATA HUJAN TAHUNAN TH. 2013

NAMA STASIUN : BARENG
PADA DAS : K. BRANTAS
KECAMATAN : BARENG
KABUPATEN : JOMBANG
ELEVASI : ± 116
NOMOR PETA : 28
KOORDINAT LS 07° 41' 19,9"
BT 112° 18' 16,3"
DINAS PU BINA MARGA DAN PENGAIRAN KABUPATEN JOMBANG

NO. : 72
NO.DAS : -

Laporan : Tahunan
Formulir : 17 - O

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	6	22	5	-	-	-	-	-	-	-	-	-
2	3	55	4	13	10	-	4	-	-	-	-	-
3	11	26	24	3	-	12	-	-	-	-	-	-
4	-	16	24	33	-	9	-	-	-	-	-	16
5	19	-	2	-	-	-	28	-	-	-	-	37
6	4	13	18	3	-	24	-	-	-	-	-	2
7	45	29	-	8	-	-	-	-	-	-	-	30
8	-	6	-	65	-	-	-	-	-	16	-	24
9	-	-	-	-	15	-	-	-	-	-	-	45
10	-	-	-	33	-	8	3	-	-	-	-	65
11	-	-	-	11	-	4	56	-	-	-	-	-
12	-	-	26	-	-	5	9	-	-	-	68	34
13	-	-	-	-	-	-	4	-	-	-	65	3
14	2	-	-	14	5	-	15	-	-	-	-	14
15	47	16	-	-	-	5	-	-	-	-	20	23
16	33	19	-	12	-	14	-	-	-	-	6	10
17	4	10	-	3	-	69	-	-	-	-	5	-
18	6	1	9	-	-	-	-	-	-	-	14	6
19	2	8	-	73	-	-	-	-	-	-	-	9
20	8	47	-	12	-	-	-	-	-	-	21	16
21	6	-	-	-	-	-	-	-	-	-	-	3
22	-	-	6	-	-	-	-	-	-	-	-	-
23	2	28	-	-	-	2	-	-	-	-	-	25
24	6	-	-	32	-	-	-	-	-	-	-	-
25	45	39	-	-	-	-	-	-	-	-	-	-
26	-	3	-	-	-	-	-	-	-	-	11	39
27	1	65	33	-	58	-	-	-	-	-	-	-
28	38	5	3	-	-	8	-	8	-	-	-	-
29	22	-	2	-	-	15	-	16	-	-	-	-
30	10	-	16	-	-	-	-	-	-	-	-	-
31	8	-	-	-	3	-	-	-	-	-	-	-
Total	328	408	172	315	91	175	119	24	-	16	210	401
15 H (I)	137	183	103	183	30	67	119	-	-	16	153	293
15 H (II)	191	225	69	132	61	108	-	24	-	-	57	108
Hari Hujan	22	18	13	14	5	12	7	2	-	1	8	18
Hujan Max	47	65	33	73	58	69	56	16	-	-	68	65

Total Setahun : 2,259

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2014
SEKRETARIS DINAS PEKERJAAN UMUM
BINA MARGA DAN PENGAIRAN
KABUPATEN JOMBANG

Ir. HARI OETOMO, M.Si
Pembina Tk. I
NIP. 19650206 199003 1 007

DATA HUJAN TAHUNAN TH. 2013

NAMA STASIUN : REJOAGUNG NO. : 73 Laporan : Tahunan
PADA DAS : K. BRANTAS NO.DAS : - Formulir : 17 - O
KECAMATAN : NGORO
KABUPATEN : JOMBANG
ELEVASI : ± 128
NOMOR PETA : 30
KOORDINAT LS 07º 42' 41,9"
BT 112º 16' 35,4"
DINAS PU BINA MARGA DAN PENGAIRAN KABUPATEN JOMBANG

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	-	-	-	-	12	-	-	-	-	-	-
2	-	-	-	-	-	-	8	-	-	-	-	8
3	12	-	-	-	-	24	-	-	-	-	-	2
4	-	8	-	60	-	32	-	-	-	-	-	24
5	62	-	-	9	-	-	-	-	-	-	-	-
6	19	-	-	-	-	38	-	-	-	-	-	10
7	-	7	-	30	-	5	-	-	-	-	-	18
8	-	35	-	30	-	-	-	-	-	7	-	29
9	-	-	-	-	-	-	-	-	-	-	-	22
10	-	24	-	-	-	6	-	-	-	-	-	48
11	-	4	-	-	-	8	37	-	-	-	9	12
12	-	-	-	-	-	10	7	-	-	-	-	36
13	-	-	-	-	-	6	18	-	-	-	67	8
14	4	-	-	-	11	-	-	-	-	-	-	18
15	38	-	-	-	-	4	6	-	-	-	-	56
16	33	-	-	75	-	-	-	-	-	-	7	6
17	12	18	-	-	-	98	-	-	-	-	24	-
18	-	-	19	-	-	-	-	-	-	-	-	8
19	-	-	9	95	-	20	-	-	-	-	12	-
20	20	93	-	-	-	2	-	-	-	-	17	-
21	6	-	-	-	-	-	-	-	-	-	-	12
22	-	-	-	-	-	-	-	-	-	-	-	36
23	-	18	-	-	-	-	-	-	-	-	-	8
24	-	-	-	-	-	-	-	-	-	-	-	18
25	58	63	-	-	-	-	-	-	-	-	-	56
26	-	-	-	-	14	-	-	-	-	-	12	6
27	-	20	7	-	34	-	-	-	-	-	-	-
28	13	20	-	-	-	-	-	-	-	-	-	8
29	58	-	9	-	6	-	-	-	-	-	-	-
30	18	-	-	-	-	12	-	8	-	-	-	-
31	15	-	12	-	16	-	-	6	-	-	-	-
Total	368	310	56	299	81	277	76	14	-	7	148	449
15 H (I)	135	78	-	129	11	145	76	-	-	7	76	291
15 H (II)	233	232	56	170	70	132	-	14	-	-	72	158
Hari Hujan	14	11	5	6	5	14	5	2	-	1	7	22
Hujan Max	62	93	19	95	34	98	37	8	-	-	67	56

Total Setahun : 2,085

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2014
SEKRETARIS DINAS PEKERJAAN UMUM
BINA MARGA DAN PENGAIRAN
KABUPATEN JOMBANG

Ir. HARI OETOMO, M.Si
Pembina Tk. I
NIP. 19650206 199003 1 007

DATA HUJAN TAHUNAN TH. 2014

NAMA STASIUN : BARENG
PADA DAS : K. BRANTAS
KECAMATAN : BARENG
KABUPATEN : JOMBANG
ELEVASI : ± 116
NOMOR PETA : 28
KOORDINAT LS 07° 41' 19,9"
BT 112° 18' 16,3"
DINAS PU. PENGAIRAN KABUPATEN JOMBANG

NO. : 72
NO.DAS : -

Laporan : Tahunan
Formulir : 17 - O

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	5	22	5	-	-	-	-	-	-	-	-	-
2	4	55	4	13	10	-	-	-	-	-	-	-
3	24	26	24	3	-	12	-	-	-	-	-	-
4	24	16	24	33	-	9	-	-	-	-	-	19
5	2	-	2	-	-	-	-	-	-	-	-	48
6	18	13	18	3	-	24	-	-	-	-	-	-
7	-	29	-	8	-	-	-	-	-	-	-	6
8	-	6	-	65	-	-	-	-	-	-	-	18
9	-	-	-	-	15	-	-	-	-	-	-	-
10	-	-	-	33	-	8	-	-	-	-	-	-
11	-	-	-	11	-	4	-	-	-	-	56	-
12	26	-	26	-	-	5	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	14	5	-	-	-	-	-	-	31
15	-	16	-	-	-	5	-	-	-	-	-	6
16	-	19	-	12	-	14	-	-	-	-	-	29
17	-	10	-	3	-	69	-	-	-	-	28	7
18	9	1	9	-	-	-	-	-	-	-	7	41
19	-	8	-	73	-	-	-	-	-	-	-	6
20	-	47	-	12	-	-	-	-	-	-	-	2
21	-	-	-	-	-	-	-	-	-	-	-	-
22	6	-	6	-	-	-	-	-	-	-	-	-
23	-	28	-	-	-	2	-	-	-	-	-	-
24	-	-	-	32	-	-	-	-	-	-	-	7
25	-	39	-	-	-	-	-	-	-	-	11	-
26	-	3	-	-	-	-	-	-	-	-	17	41
27	33	65	33	-	58	-	-	-	-	-	-	3
28	3	5	3	-	-	8	-	8	-	-	-	55
29	2	-	2	-	-	15	-	16	-	-	29	5
30	16	-	16	-	-	-	-	-	-	-	-	-
31	-	-	-	-	3	-	-	-	-	-	-	16
Total	172	408	172	315	91	175	-	24	-	-	148	340
15 H (I)	103	183	103	183	30	67	-	-	-	-	56	128
15 H (II)	69	225	69	132	61	108	-	24	-	-	92	212
Hari Hujan	13	18	13	14	5	12	-	2	-	-	6	17
Hujan Max	33	65	33	73	58	69	-	16	-	-	56	55

Total Setahun : 1,845

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2015
KEPALA DINAS
PEKERJAAN UMUM PENGAIRAN
KABUPATEN JOMBANG

Ir. ARIF GUNAWAN, ATP.SP.1
Pembina
NIP. 19590113 198303 1 004

DATA HUJAN TAHUNAN TH. 2014

NAMA STASIUN : REJOAGUNG NO. : 73 Laporan : Tahunan
PADA DAS : K. BRANTAS NO.DAS : - Formulir : 17 - O
KECAMATAN : NGORO
KABUPATEN : JOMBANG
ELEVASI : ± 128
NOMOR PETA : 30
KOORDINAT LS 07º 42' 41,9"
BT 112º 16' 35,4"
DINAS PU. PENGAIRAN KABUPATEN JOMBANG

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	-	-	-	-	12	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	24	-	-	-	-	-	-
4	-	8	-	60	-	32	-	-	-	-	-	-
5	-	-	-	9	-	-	-	-	-	-	-	47
6	-	-	-	-	-	38	-	-	-	-	-	8
7	-	7	-	30	-	5	-	-	-	-	-	10
8	-	35	-	30	-	-	-	-	-	-	-	37
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	24	-	-	-	6	-	-	-	-	-	-
11	-	4	-	-	-	8	-	-	-	-	-	-
12	-	-	-	-	-	10	-	-	-	-	-	-
13	-	-	-	-	-	6	-	-	-	-	-	-
14	-	-	-	-	11	-	-	-	-	-	-	6
15	-	-	-	-	-	4	-	-	-	-	-	42
16	-	-	-	75	-	-	-	-	-	-	-	8
17	-	18	-	-	-	98	-	-	-	-	-	-
18	19	-	19	-	-	-	-	-	-	-	-	16
19	9	-	9	95	-	20	-	-	-	-	-	-
20	-	93	-	-	-	2	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	6
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	18	-	-	-	-	-	-	-	-	-	18
24	-	-	-	-	-	-	-	-	-	-	-	12
25	-	63	-	-	-	-	-	-	-	-	9	10
26	-	-	-	-	14	-	-	-	-	-	25	13
27	7	20	7	-	34	-	-	-	-	-	-	32
28	-	20	-	-	-	-	-	-	-	-	-	32
29	9	-	9	-	6	-	-	-	-	-	6	-
30	-	-	-	-	-	12	-	8	-	-	-	-
31	12	-	12	-	16	-	-	6	-	-	-	-
Total	56	310	56	299	81	277	-	14	-	-	40	297
15 H (I)	-	78	-	129	11	145	-	-	-	-	-	150
15 H (II)	56	232	56	170	70	132	-	14	-	-	40	147
Hari Hujan	5	11	5	6	5	14	-	2	-	-	3	15
Hujan Max	19	93	19	95	34	98	-	8	-	-	25	47

Total Setahun : 1,430

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2015
KEPALA DINAS
PEKERJAAN UMUM PENGAIRAN
KABUPATEN JOMBANG

Ir. ARIF GUNAWAN, ATP.SP.1
Pembina
NIP. 19590113 198303 1 004

DATA HUJAN TAHUNAN TH. 2015

NAMA STASIUN : BARENG
PADA DAS : K. BRANTAS
KECAMATAN : BARENG
KABUPATEN : JOMBANG
ELEVASI : ± 116
NOMOR PETA : 28
KOORDINAT LS 07° 41' 19,9"
BT 112° 18' 16,3"
DINAS PU. PENGAIRAN KABUPATEN JOMBANG

NO. : 72
NO.DAS : -

Laporan : Tahunan
Formulir : 17 - O

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	27	-	-	-	-	-	-	-	-	-	-
2	-	36	8	-	-	-	-	-	-	-	-	-
3	-	80	16	-	20	-	-	-	-	-	-	-
4	-	-	46	25	4	-	-	-	-	-	-	19
5	-	33	41	-	9	-	-	-	-	-	-	3
6	-	-	10	-	-	-	-	-	-	-	-	1
7	-	-	9	16	-	-	-	-	-	-	-	7
8	-	-	-	14	-	-	-	-	-	-	2	-
9	-	32	22	-	-	-	-	-	-	-	3	17
10	-	80	-	-	-	-	-	-	-	-	7	-
11	-	-	-	-	-	-	-	-	-	-	-	62
12	-	-	10	24	-	-	-	-	-	-	23	-
13	38	42	9	29	-	-	-	-	-	-	5	13
14	34	15	-	5	-	-	-	-	-	-	-	5
15	-	36	21	7	-	-	-	-	-	-	-	5
16	-	-	28	-	-	-	-	-	-	-	12	12
17	-	-	-	-	-	-	-	-	-	-	-	5
18	19	15	3	-	-	-	-	-	-	-	-	34
19	43	32	3	-	-	-	-	-	-	-	-	3
20	30	300	-	20	-	-	-	-	-	-	-	9
21	-	-	-	15	-	-	-	-	-	-	-	-
22	-	-	3	-	-	-	-	-	-	-	8	15
23	-	-	18	-	-	-	-	-	-	-	-	13
24	-	20	28	35	-	-	-	-	-	-	-	2
25	14	-	-	-	-	-	-	-	-	-	2	13
26	27	17	-	-	-	-	-	-	-	-	39	-
27	-	7	-	-	-	-	-	-	-	-	6	-
28	-	-	10	17	-	-	-	-	-	-	-	-
29	-	-	-	2	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	17	-
31	33	-	3	-	-	-	-	-	-	-	-	-
Total	238	772	288	209	33	-	-	-	-	-	124	238
15 H (I)	72	381	192	120	33	-	-	-	-	-	40	132
15 H (II)	166	391	96	89	-	-	-	-	-	-	84	106
Hari Hujan	8	15	18	12	3	-	-	-	-	-	11	18
Hujan Max	43	300	46	35	20	-	-	-	-	-	39	62

Total Setahun : 1,902

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2016
KEPALA DINAS
PEKERJAAN UMUM PENGAIRAN
KABUPATEN JOMBANG

Ir. ARIF GUNAWAN, ATP.SP.1
Pembina Tk. I.
NIP. 19590113 198403 1 004

DATA HUJAN TAHUNAN TH. 2015

NAMA STASIUN	: REJOAGUNG	NO.	: 73	Laporan	: Tahunan
PADA DAS	: K. BRANTAS	NO.DAS	: -	Formulir	: 17 - O
KECAMATAN	: NGORO				
KABUPATEN	: JOMBANG				
ELEVASI	: ± 128				
NOMOR PETA	: 30				
KOORDINAT	LS 07º 42' 41,9"				
	BT 112º 16' 35,4"				
DINAS	PU. PENGAIRAN KABUPATEN JOMBANG				

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	4	16	-	-	-	-	-	-	-	-	-	10
2	-	58	12	-	-	-	-	-	-	-	-	6
3	-	7	-	10	6	-	-	-	-	-	-	12
4	-	24	14	7	10	-	-	-	-	-	-	18
5	-	12	30	-	12	-	-	-	-	-	-	-
6	-	10	17	7	-	-	-	-	-	-	-	4
7	-	-	12	28	-	-	-	-	-	-	-	11
8	-	16	8	10	-	-	-	-	-	-	-	-
9	-	12	10	-	-	-	-	-	-	-	-	28
10	-	138	-	-	-	-	-	-	-	-	-	24
11	4	-	14	18	-	-	-	-	-	-	-	32
12	53	16	13	42	-	-	-	-	-	-	-	-
13	49	39	10	17	6	-	-	-	-	-	-	14
14	36	24	14	4	10	-	-	-	-	-	-	-
15	-	12	38	8	12	-	-	-	-	-	-	34
16	-	6	14	3	-	-	-	-	-	-	-	4
17	4	8	-	-	-	-	-	-	-	-	-	7
18	8	26	1	6	-	-	-	-	-	-	-	108
19	10	-	-	26	-	-	-	-	-	-	-	6
20	-	104	-	23	-	-	-	-	-	-	-	4
21	-	7	-	24	-	-	-	-	-	-	-	10
22	-	-	-	12	-	-	-	-	-	-	-	14
23	-	-	112	7	6	-	-	-	-	-	-	-
24	-	67	24	20	10	-	-	-	-	-	-	-
25	-	-	-	3	12	-	-	-	-	-	-	-
26	-	32	-	-	-	-	-	-	-	-	24	-
27	-	20	-	-	-	-	-	-	-	-	6	-
28	-	-	-	10	-	-	-	-	-	-	-	-
29	-	-	14	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	34
Total	168	654	357	285	84	-	-	-	-	-	30	380
15 H (I)	146	384	192	151	56	-	-	-	-	-	-	193
15 H (II)	22	270	165	134	28	-	-	-	-	-	30	187
Hari Hujan	8	21	17	20	9	-	-	-	-	-	2	19
Hujan Max	53	138	112	42	12	-	-	-	-	-	24	108
Total Setahun :		1,958										

PENJELASAN :

- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2016

KEPALA DINAS

PEKERJAAN UMUM PENGAIRAN

KABUPATEN JOMBANG

Ir. ARIF GUNAWAN, ATP.SP.1

Pembina Tk. I.

NIP. 19590113 198403 1 004

DATA HUJAN TAHUNAN TH. 2016

NAMA STASIUN : BARENG
PADA DAS : K. BRANTAS
KECAMATAN : BARENG
KABUPATEN : JOMBANG
ELEVASI : ± 116
NOMOR PETA : 28
KOORDINAT LS 07° 41' 19,9"
BT 112° 18' 16,3"
DINAS PU. PENGAIRAN KABUPATEN JOMBANG

NO. : 72
NO.DAS : -

Laporan : Tahunan
Formulir : 17 - O

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	7	-	50	26	-	-	-	-	-	4	-	28
2	-	5	7	-	-	10	-	-	-	9	-	23
3	46	28	5	-	-	-	-	-	4	20	-	-
4	-	-	36	-	-	-	-	-	56	-	-	-
5	-	10	-	-	-	-	-	-	-	-	10	-
6	30	-	4	1	-	-	-	-	-	-	-	36
7	-	79	42	-	-	-	-	-	-	-	-	2
8	-	1	3	-	-	-	-	5	1	-	-	8
9	4	12	-	-	14	-	-	-	-	11	17	7
10	9	45	9	-	-	-	-	-	-	61	72	-
11	8	50	22	-	-	-	-	-	-	6	-	-
12	-	37	32	-	-	-	-	-	-	-	-	-
13	-	-	-	4	30	-	-	5	-	-	2	-
14	-	-	-	14	-	-	-	10	-	-	31	58
15	-	-	-	53	-	-	-	40	-	-	10	-
16	-	32	-	-	18	-	18	-	-	-	8	-
17	8	-	-	-	23	-	-	-	-	-	-	25
18	-	26	-	59	4	-	-	-	-	-	59	6
19	37	-	25	7	1	73	3	-	-	-	-	11
20	49	4	-	-	-	-	-	-	-	-	-	27
21	4	36	60	1	-	-	7	-	-	-	-	3
22	-	5	44	-	39	-	-	-	-	-	-	-
23	-	24	4	-	-	10	-	-	-	-	8	-
24	16	2	2	-	-	-	2	-	24	-	25	-
25	2	8	-	-	-	-	-	-	59	-	18	-
26	57	19	8	-	-	-	-	-	-	-	92	-
27	-	35	-	11	-	13	-	-	8	-	48	-
28	4	19	15	-	-	-	5	-	3	4	-	-
29	-	-	3	6	75	52	-	-	-	-	-	-
30	2	-	42	-	-	4	-	-	-	-	86	5
31	1	-	12	-	20	-	-	-	-	9	-	9
Total	284	477	425	182	224	162	35	60	155	124	486	248
15 H (I)	104	267	210	98	44	10	-	60	61	111	142	162
15 H (II)	180	210	215	84	180	152	35	-	94	13	344	86
Hari Hujan	16	20	20	10	9	6	5	4	7	8	14	14
Hujan Max	57	79	60	59	75	73	18	40	-	-	92	58

Total Setahun : 2,862

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2017
KEPALA DINAS
PEKERJAAN UMUM DAN PENATAAN
RUANG KABUPATEN JOMBANG

Ir. HARI OETOMO,MSi.
Pembina Tk. I.
NIP. 19650206 199003 1 007

DATA HUJAN TAHUNAN TH. 2016

NAMA STASIUN : REJOAGUNG NO. : 73 Laporan : Tahunan
PADA DAS : K. BRANTAS NO.DAS : - Formulir : 17 - O
KECAMATAN : NGORO
KABUPATEN : JOMBANG
ELEVASI : ± 128
NOMOR PETA : 30
KOORDINAT LS 07º 42' 41,9"
BT 112º 16' 35,4"
DINAS PU. PENGAIRAN KABUPATEN JOMBANG

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	18	8	16	15	-	-	-	-	-	14	-	24
2	-	-	-	2	-	-	-	-	-	20	-	4
3	12	-	-	-	-	-	-	-	8	24	-	-
4	12	26	28	-	-	-	-	-	25	6	-	9
5	-	-	-	-	-	-	-	-	-	9	-	-
6	-	12	13	3	-	-	-	12	-	4	-	38
7	-	38	8	-	-	-	-	-	-	-	-	2
8	-	6	-	-	-	-	-	-	-	-	-	5
9	14	6	-	-	7	-	-	-	-	12	24	14
10	6	38	15	3	-	-	-	-	-	66	73	-
11	-	21	6	-	-	-	-	-	-	-	3	-
12	-	15	32	-	4	-	-	-	-	2	24	-
13	-	7	6	4	-	-	-	-	-	-	-	-
14	-	-	-	-	3	-	-	24	-	-	44	29
15	-	-	-	-	-	-	4	27	-	-	2	-
16	-	38	-	-	-	-	-	-	-	-	64	-
17	12	-	-	-	-	-	-	-	-	-	16	14
18	30	16	-	80	-	6	2	-	-	-	50	-
19	67	5	22	4	-	43	-	-	-	-	-	54
20	34	-	-	-	-	27	-	-	-	50	-	-
21	6	-	26	-	-	-	6	-	-	2	-	-
22	10	41	-	-	2	-	1	-	-	-	-	-
23	-	116	3	-	-	-	-	-	-	-	-	-
24	-	7	-	6	-	4	-	-	27	-	80	-
25	-	-	-	-	-	-	8	-	61	-	41	-
26	-	17	3	-	-	2	-	-	-	-	21	-
27	-	18	12	16	3	-	-	-	4	1	34	-
28	-	33	7	-	60	7	-	-	10	3	8	-
29	-	-	-	-	-	31	-	-	5	-	2	-
30	-	-	26	-	3	3	-	-	6	8	92	4
31	8	-	10	-	108	-	-	-	-	2	-	9
Total	229	468	233	133	190	123	21	63	146	223	578	206
15 H (I)	62	177	124	27	14	-	4	63	33	157	170	125
15 H (II)	167	291	109	106	176	123	17	-	113	66	408	81
Hari Hujan	12	19	16	9	8	8	5	3	8	15	16	12
Hujan Max	67	116	32	80	108	43	8	27	-	-	92	54

Total Setahun : 2,613

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2017
KEPALA DINAS
PEKERJAAN UMUM DAN PENATAAN
RUANG KABUPATEN JOMBANG

Ir. HARI OETOMO,MSi.
Pembina Tk. I.
NIP. 19650206 199003 1 007

DATA HUJAN TAHUNAN TH. 2017

NAMA STASIUN : BARENG
PADA DAS : K. BRANTAS
KECAMATAN : BARENG
KABUPATEN : JOMBANG
ELEVASI : ± 116
NOMOR PETA : 28
KOORDINAT LS 07° 41' 19,9"
BT 112° 18' 16,3"
DINAS : PEKERJAAN UMUM DAN PENATAAN RUANG KABUPATEN JOMBANG

NO. : 72
NO.DAS : -

Laporan : Tahunan
Formulir : 17 - O

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	11	26	26	-	12	-	-	-	-	-	7
2	-	9	88	-	-	22	-	-	-	-	-	2
3	-	7	-	-	-	-	-	-	-	-	-	-
4	8	-	20	-	-	-	-	-	-	-	-	-
5	1	-	19	-	-	-	-	-	-	-	-	-
6	42	-	-	1	-	-	-	-	-	-	19	-
7	-	-	4	-	-	-	-	-	-	-	-	-
8	-	16	-	-	-	-	-	-	-	-	-	-
9	-	2	-	-	-	-	-	-	-	-	28	-
10	7	-	-	-	-	-	-	-	-	-	-	-
11	20	4	-	-	-	-	-	-	-	-	2	37
12	7	-	-	-	-	-	-	-	-	-	-	28
13	16	26	17	4	-	9	-	-	-	-	-	13
14	20	10	-	14	-	-	-	-	-	-	10	4
15	36	46	1	53	-	-	-	-	-	-	-	50
16	12	3	10	-	-	-	-	-	-	-	5	10
17	-	2	-	-	-	-	-	-	-	41	5	-
18	25	-	-	59	-	-	-	-	-	1	2	4
19	7	-	7	7	-	-	-	-	-	-	-	2
20	9	-	-	-	-	-	-	-	-	-	15	110
21	7	22	17	1	-	-	-	-	-	-	19	10
22	-	-	7	-	-	-	-	-	-	-	36	-
23	-	13	-	-	-	-	-	-	-	-	-	-
24	-	104	34	-	-	-	-	-	-	13	4	-
25	7	2	60	-	-	-	-	-	9	23	25	-
26	44	-	-	-	-	-	-	-	-	-	5	-
27	2	24	24	11	15	-	-	-	-	2	-	12
28	8	20	8	-	-	-	13	-	3	-	51	-
29	14	-	-	6	46	-	-	-	-	-	28	10
30	76	-	-	-	-	-	-	-	-	-	23	-
31	39	-	30	-	-	-	-	-	-	-	-	-
Total	407	321	372	182	61	43	13	-	12	80	277	299
15 H (I)	157	131	175	98	-	43	-	-	-	-	59	141
15 H (II)	250	190	197	84	61	-	13	-	12	80	218	158
Hari Hujan	21	17	16	10	2	3	1	-	2	5	16	14
Hujan Max	76	104	88	59	46	22	13	-	-	-	51	110

Total Setahun : 2,067

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2018
KEPALA DINAS
PEKERJAAN UMUM DAN PENATAAN
RUANG KABUPATEN JOMBANG

Ir. HARI OETOMO,M.Si.
Pembina Tk. I.
NIP. 19650206 199003 1 007

DATA HUJAN TAHUNAN TH. 2017

NAMA STASIUN : REJOAGUNG NO. : 73 Laporan : Tahunan
PADA DAS : K. BRANTAS NO.DAS : - Formulir : 17 - O
KECAMATAN : NGORO
KABUPATEN : JOMBANG
ELEVASI : ± 128
NOMOR PETA : 30
KOORDINAT LS 07º 42' 41,9"
BT 112º 16' 35,4"
DINAS : PEKERJAAN UMUM DAN PENATAAN RUANG KABUPATEN JOMBANG

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	13	6	-	-	12	-	-	-	-	-	7
2	-	7	50	-	3	8	-	-	-	-	-	4
3	-	3	-	-	-	-	-	-	-	-	-	3
4	8	7	10	7	4	-	-	-	-	-	-	2
5	2	-	6	-	-	-	-	-	-	-	-	-
6	60	-	-	-	-	-	-	-	-	-	11	-
7	-	-	2	-	-	-	-	-	-	-	-	-
8	3	10	-	-	-	-	-	-	-	8	-	1
9	-	8	-	-	-	-	-	-	-	-	44	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	28	3	31	-	-	-	-	-	-	-	10	-
12	4	16	-	6	-	-	-	-	-	-	6	38
13	50	22	2	15	-	2	-	-	-	-	-	10
14	15	14	5	-	-	-	-	-	-	-	5	32
15	66	86	-	-	-	-	-	-	-	-	-	44
16	12	5	-	-	-	-	-	-	-	4	67	-
17	1	-	-	-	-	-	-	-	-	9	20	-
18	27	-	-	-	-	-	-	-	-	-	-	2
19	4	-	84	-	-	-	-	-	-	-	6	-
20	7	27	8	-	-	-	-	-	-	-	56	77
21	-	5	8	-	-	-	-	-	-	-	16	14
22	17	-	4	-	-	-	-	-	-	-	12	23
23	-	9	-	-	-	2	-	-	-	-	-	-
24	-	-	30	-	-	-	-	-	-	5	-	-
25	7	61	-	-	-	-	-	-	5	13	29	-
26	24	12	70	-	-	-	24	-	-	-	4	-
27	-	17	12	-	32	9	-	-	-	-	-	23
28	23	18	-	-	-	-	-	-	8	-	64	-
29	10	-	-	-	17	-	-	-	-	-	24	2
30	59	-	-	-	10	-	-	-	-	-	10	23
31	48	-	47	-	-	-	-	-	-	-	-	-
Total	475	343	375	28	66	33	24	-	13	39	384	305
15 H (I)	236	189	112	28	7	22	-	-	-	8	76	141
15 H (II)	239	154	263	-	59	11	24	-	13	31	308	164
Hari Hujan	21	19	16	3	5	5	1	-	2	5	16	16
Hujan Max	66	86	84	15	32	12	24	-	-	-	67	77

Total Setahun : 2,085

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2018
KEPALA DINAS
PEKERJAAN UMUM DAN PENATAAN
RUANG KABUPATEN JOMBANG

Ir. HARI OETOMO,M.Si.
Pembina Tk. I.
NIP. 19650206 199003 1 007

DATA HUJAN TAHUNAN TH. 2018

NAMA STASIUN : BARENG
PADA DAS : K. BRANTAS
KECAMATAN : BARENG
KABUPATEN : JOMBANG
ELEVASI : ± 116
NOMOR PETA : 28
KOORDINAT LS 07° 41' 19,9"
BT 112° 18' 16,3"
DINAS PEKERJAAN UMUM DAN PENATAAN RUANG KABUPATEN JOMBANG

NO. : 72
NO.DAS : -

Laporan : Tahunan
Formulir : 17 - O

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	10	-	10	-	-	-	-	-	-	-	45
2	-	37	8	25	-	-	-	-	-	-	-	-
3	7	20	-	2	-	-	-	-	-	-	1	12
4	5	10	10	8	-	-	-	-	-	-	-	3
5	4	17	5	1	-	-	-	-	-	-	-	-
6	1	-	1	-	-	-	-	-	-	-	-	10
7	7	19	-	-	-	-	-	-	-	-	8	1
8	11	40	1	-	-	-	-	-	-	-	4	-
9	40	23	4	-	-	-	-	-	-	-	3	1
10	4	-	2	-	-	-	-	-	-	-	12	10
11	-	-	-	-	-	-	-	-	-	-	10	1
12	3	-	-	-	-	-	-	-	-	-	-	-
13	-	18	-	-	-	-	-	-	-	-	32	-
14	5	4	26	1	-	-	-	-	-	-	4	1
15	-	-	-	2	-	-	-	-	-	-	8	11
16	-	67	-	-	-	-	-	-	-	39	-	10
17	14	2	16	-	-	-	-	-	-	-	13	-
18	50	12	21	-	3	-	-	-	-	-	-	-
19	24	47	18	60	-	-	-	-	-	-	16	-
20	4	10	16	-	-	30	-	-	-	-	20	-
21	2	-	-	10	2	12	-	-	-	-	-	32
22	-	150	-	6	-	-	-	-	20	-	-	-
23	10	9	-	-	-	5	-	-	-	-	-	-
24	-	-	54	-	-	-	-	-	-	-	-	-
25	30	8	16	-	-	26	-	-	-	-	15	-
26	20	-	5	-	-	17	-	-	-	-	13	3
27	8	12	-	-	-	-	-	-	-	-	-	12
28	4	5	-	-	-	-	-	-	-	-	60	-
29	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	5	-	-	-	-	-	-	-	-	-
31	-	-	30	-	-	-	-	-	-	-	-	-
Total	253	520	238	125	5	90	-	-	20	39	219	152
15 H (I)	87	198	57	49	-	-	-	-	-	-	82	95
15 H (II)	166	322	181	76	5	90	-	-	20	39	137	57
Hari Hujan	20	20	17	10	2	5	-	-	1	1	15	14
Hujan Max	50	150	54	60	3	30	-	-	20	39	60	45

Total Setahun : 1,661

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2019
KEPALA DINAS
PEKERJAAN UMUM DAN PENATAAN
RUANG KABUPATEN JOMBANG

Ir. HARI OETOMO,M.Si.
Pembina Utama Muda
NIP. 19650206 199003 1 007

DATA HUJAN TAHUNAN TH. 2018

NAMA STASIUN : REJOAGUNG NO. : 73 Laporan : Tahunan
PADA DAS : K. BRANTAS NO.DAS : - Formulir : 17 - O
KECAMATAN : NGORO
KABUPATEN : JOMBANG
ELEVASI : ± 128
NOMOR PETA : 30
KOORDINAT LS 07º 42' 41,9"
BT 112º 16' 35,4"
DINAS PEKERJAAN UMUM DAN PENATAAN RUANG KABUPATEN JOMBANG

Tanggal	Jan	Peb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nop	Des
1	-	7	-	6	-	-	-	-	-	-	-	34
2	-	40	-	20	-	-	-	-	-	-	6	-
3	8	7	-	-	-	-	-	-	-	-	-	10
4	5	2	-	-	-	-	-	-	-	-	-	4
5	3	28	9	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	7
7	5	5	-	-	-	-	-	-	-	-	4	-
8	-	35	4	-	-	-	-	-	-	-	31	1
9	20	35	-	-	-	-	-	-	-	-	28	-
10	5	3	-	-	-	-	-	-	-	-	8	-
11	-	-	-	-	-	-	-	-	-	-	-	2
12	-	-	3	-	-	-	-	-	-	-	-	-
13	-	12	-	-	-	-	-	-	-	-	-	28
14	-	4	5	8	-	-	-	-	-	-	-	5
15	-	-	-	4	-	-	-	-	-	-	-	8
16	-	24	-	-	-	-	-	-	-	-	-	-
17	-	4	19	-	-	-	-	-	-	-	-	-
18	12	19	14	-	2	-	-	-	-	-	4	-
19	9	39	-	32	-	-	-	-	-	-	27	-
20	-	-	24	-	-	11	-	-	-	-	-	-
21	-	-	-	-	-	4	-	-	-	-	-	52
22	-	150	-	-	-	-	-	-	-	-	-	-
23	52	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-
25	29	4	8	-	-	30	-	-	-	-	4	-
26	45	-	3	-	-	-	-	-	-	-	-	-
27	7	7	-	-	-	-	-	-	-	-	7	-
28	-	3	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-
31	9	-	47	-	-	-	-	-	-	-	-	-
Total	209	428	136	70	2	45	-	-	-	-	119	151
15 H (I)	46	178	21	38	-	-	-	-	-	-	77	99
15 H (II)	163	250	115	32	2	45	-	-	-	-	42	52
Hari Hujan	13	19	10	5	1	3	-	-	-	-	9	10
Hujan Max	52	150	47	32	2	30	-	-	-	-	31	52

Total Setahun : 1,160

PENJELASAN :
- Data diambil dari Form 11-O/Regester dan konsepnya dikerjakan bertahap setiap bulan.
- Satuan hujan dalam mm.
- Laporan dijilid.
- X Penakar hujan rusak.

Jombang, Januari 2019
KEPALA DINAS
PEKERJAAN UMUM DAN PENATAAN
RUANG KABUPATEN JOMBANG

Ir. HARI OETOMO,M.Si.
Pembina Utama Muda
NIP. 19650206 199003 1 007

Data klimatologi 3 tahun (jombang)

No	Jenis Data	TAHUN 2016											
		Jan	Feb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nov	Des
1	Temperatur T(C)	24.28	23.36	24.31	24.55	24.59	23.94	23.75	23.60	24.18	24.24	24.14	24.03
2	Kelembapan RH (%)	90.68	94.21	91.94	90.83	90.55	89.67	88.42	88.29	86.00	86.90	90.07	89.94
3	Penyinaran Matahari SS (jam)	3.98	2.24	4.03	6.09	6.53	5.51	6.77	6.31	6.47	4.14	3.37	2.70
4	Kecepatan Angin FF (M/S)	1.77	1.34	1.71	1.67	1.58	1.47	1.74	1.65	1.73	1.74	1.57	1.58
5	Penyinaran Matahari SS (%)	16.06	9.35	16.79	24.53	26.34	22.94	23.66	25.43	26.97	17.26	13.56	10.51
6	Kecepatan Angin FF (km/hari)	153.29	116.19	147.72	144.00	136.57	126.72	150.50	142.14	149.76	150.50	135.36	136.57
7	Kecepatan Angin FF (knots)	3.45	2.61	3.32	3.24	3.07	2.85	3.39	3.20	3.37	3.39	3.05	3.07

No	Jenis Data	TAHUN 2017											
		Jan	Feb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nov	Des
1	Temperatur T(C)	23.38	23.23	23.56	23.82	24.24	23.88	23.63	23.69	24.68	25.17	23.96	23.78
2	Kelembapan RH (%)	91.90	92.00	91.28	91.69	82.33	82.48	80.27	75.57	79.50	80.20	86.58	88.83
3	Penyinaran Matahari SS (jam)	2.31	2.60	4.20	5.26	6.45	6.29	6.61	8.40	7.65	6.39	2.69	3.40
4	Kecepatan Angin FF (M/S)	1.55	1.93	1.41	1.40	1.74	1.56	1.50	1.77	1.73	1.63	1.38	1.35
5	Penyinaran Matahari SS (%)	7.46	10.45	15.81	21.17	26.88	23.58	25.78	33.87	30.81	23.19	10.46	10.95
6	Kecepatan Angin FF (km/hari)	133.78	166.63	114.27	120.96	150.50	120.96	125.42	153.29	149.76	136.57	115.20	97.55
7	Kecepatan Angin FF (knot)	3.01	3.75	2.57	2.72	3.39	2.72	2.82	3.45	3.37	3.07	2.59	2.19

No	Jenis Data	TAHUN 2018											
		Jan	Feb	Mar	Apr	Mei	Juni	Juli	Agust	Sept	Okt	Nov	Des
1	Temperatur T(C)	23.54	23.35	23.51	24.64	24.69	24.16	23.69	23.44	25.11	26.25	25.80	24.40
2	Kelembapan RH (%)	89.45	90.52	90.74	88.39	84.55	84.68	74.32	71.58	66.52	67.03	76.42	84.71
3	Penyinaran Matahari SS (jam)	3.24	3.99	4.50	7.32	7.72	7.06	8.58	8.18	7.63	8.42	5.80	3.97
4	Kecepatan Angin FF (M/S)	2.52	2.16	1.16	1.10	1.29	1.26	1.29	1.26	1.68	1.39	1.32	1.10
5	Penyinaran Matahari SS (%)	13.49	16.61	18.75	30.51	32.16	29.41	35.74	34.10	31.80	35.07	24.18	16.55
6	Kecepatan Angin FF (km/hari)	217.39	186.74	100.34	94.76	111.48	108.70	111.48	108.70	144.93	119.85	114.27	94.76
7	Kecepatan Angin FF (knots)	4.89	4.20	2.26	2.13	2.51	2.45	2.51	2.45	3.26	2.70	2.57	2.13

Hubungan suhu (t) dengan nilai ea (mbar), w, (1-w) dan f(t)

Suhu ('C)	ea (mbar)	w el.	(1-w) 0-250 m	f(t)
24	29.85	0.74	0.27	15.4
24.1	30.03	0.74	0.27	15.43
24.2	30.21	0.74	0.26	15.45
24.3	30.39	0.74	0.26	15.48
24.4	30.57	0.74	0.26	15.5
24.5	30.76	0.74	0.26	15.53
24.6	30.94	0.74	0.26	15.55
24.7	31.11	0.74	0.26	15.57
24.8	31.31	0.74	0.26	15.6
25	31.69	0.75	0.26	15.65
25.1	31.88	0.75	0.25	15.68
25.2	32.02	0.75	0.25	15.7
25.4	32.45	0.75	0.25	15.75
25.6	32.83	0.75	0.25	15.8
25.8	32.22	0.75	0.25	15.85
26	33.62	0.76	0.25	15.9
26.1	33.82	0.76	0.25	15.92
26.2	34.02	0.76	0.24	15.94
26.4	34.42	0.76	0.24	15.98
26.6	34.83	0.76	0.24	16.02
26.8	35.25	0.76	0.24	16.06
27	35.66	0.77	0.24	16.1
27.1	35.88	0.77	0.24	16.12
27.2	36.09	0.77	0.23	16.14
27.3	36.30	0.77	0.23	16.16
27.4	36.5	0.77	0.23	16.18
27.6	36.94	0.77	0.23	16.22
27.8	37.37	0.77	0.23	16.26
28	37.81	0.78	0.23	16.3
28.2	38.25	0.78	0.22	16.34
28.4	38.7	0.78	0.22	16.38
28.6	39.14	0.78	0.22	16.42
28.8	39.61	0.78	0.22	16.46
29	40.06	0.79	0.22	16.5

Data untuk klimatologi pada bulan januari

Sumber : Data Statistik Jombang

Besaran nilai (Ra) dalam evaporasi ekivalen dalam hubungannya dengan letak lintang (mm/hari) (untuk daerah indonesia, antara 5 derajat LU sampai 10 derajat LS).

Bulan	Lintang Selatan (LS)				
	6	8	10	Ra	X
Jan	15.8	16.1	16.4	16.05	16.45
Feb	16	16.1	16.3	16.08	16.33
Mar	15.6	15.5	15.5	15.52	15.5
Apr	14.7	14.4	14.2	14.45	14.17
May	13.4	13.1	12.8	13.15	12.75
Jun	12.8	12.4	12	12.46	11.94
Jul	13.1	12.7	12.4	12.76	12.35
Aug	14	13.7	13.5	13.75	13.47
Sep	15	14.9	14.8	14.92	14.78
Oct	15.7	15.8	15.9	15.78	15.92
Nov	15.8	16	16.2	15.97	16.23
Dec	15.7	16	16.2	15.95	16.23

Sumber : Data Statistik Jombang

Foto – foto lokasi penelitian