

## **BAB V**

### **PENUTUP**

#### **5.1 Kesimpulan**

Dari hasil analisis data dan pembahasan maka dapat disimpulkan :

1. Dari hasil perhitungan ketersediaan air menggunakan metode Nreca diperoleh inflow sebesar  $0.017 \text{ m}^3/\text{dt}$ , dengan keandalan 80% ( $Q_{80}$ ) sebesar  $0.005 \text{ m}^3/\text{dt}$ , dan keandalan 50% ( $Q_{50}$ ) sebesar  $0.011 \text{ m}^3/\text{dt}$ .
2. Berdasarkan hasil perhitungan kebutuhan air didapatkan pola tanam terpilih adalah padi – palawija – palawija, awal tanam November 1, kebutuhan air bersih di sawah (NFR) sebesar  $1.31 \text{ lt}/\text{dt}/\text{ha}$  sedangkan kebutuhan air di intake (DR) sebesar  $2.03 \text{ lt}/\text{dt}/\text{ha}$ , kebutuhan debit pengambilan  $0.142 \text{ m}^3/\text{dt}$ .
3. Dari hasil simulasi dapat diketahui bahwa pola tanam terpilih adalah padi – palawija – palawija, luas areal irigasi terpenuhi  $70.00 \text{ ha}$ , awal tanam November 1, intensitas tanam total 225%, keandalan statistik 83%. Luas areal MT I =  $70 \text{ ha}$ , MT II =  $70 \text{ ha}$  dan MT III =  $17.5 \text{ ha}$ . Jenis tanaman palawija adalah kedelai. Pola pemberian air secara bergilir dengan factor K sebesar 0.6. Hal ini dimaksudkan untuk memaksimalkan fungsi tampungan embung. Dari hasil analisa di atas dapat diketahui bahwa adanya peningkatan yang terjadi dari sebelum adanya embung dengan setelah adanya embung (setelah di lakukan optimasi). Pola tanam eksisting padi+palawija – bero – bero dapat ditingkatkan menjadi padi - palawija - palwija. Intensitas tanam baku eksisting sebesar 100% dapat di tingkatan keandalan menjadi 225% setelah adanya embung.

## 5.2 Saran

Dari analisis yang telah dilakukan dalam penelitian ini, penulis memberikan saran :

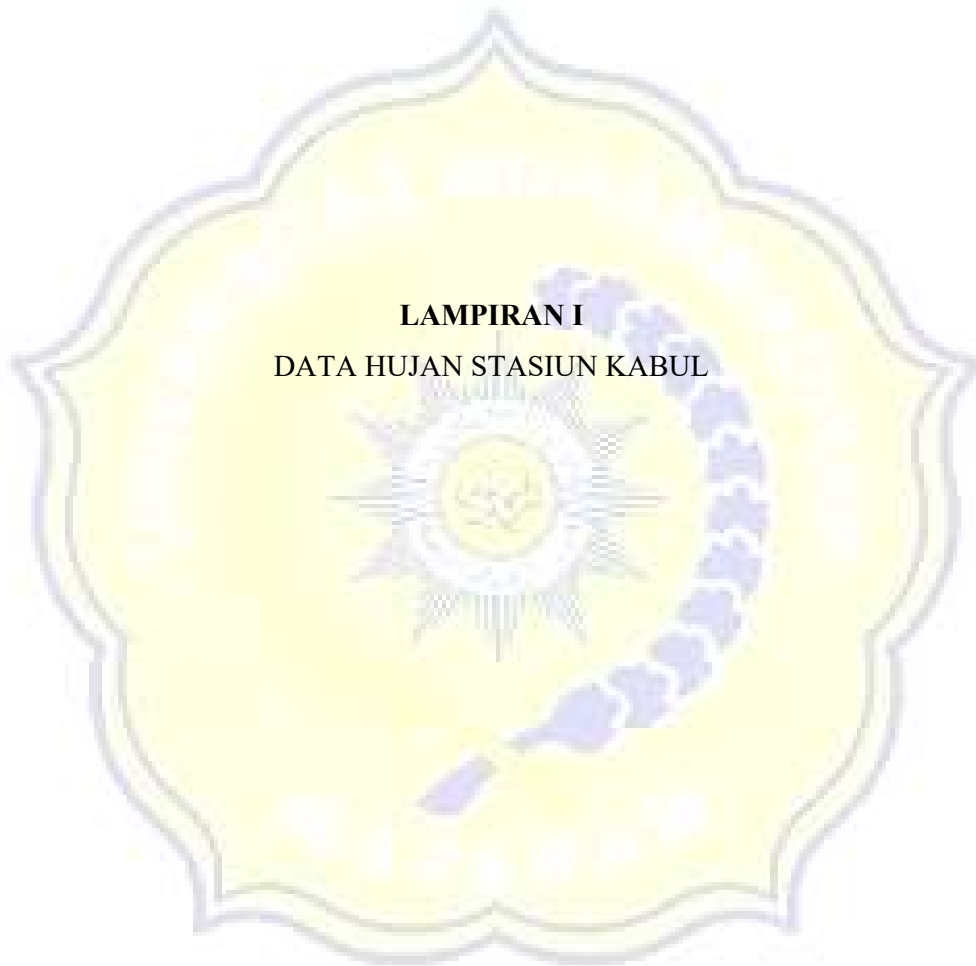
1. Dalam melakukan penelitian data-data yang dibutuhkan sebaiknya didapatkan terlebih dahulu agar tidak menghambat dan penelitian dapat terselesaikan dengan waktu singkat.
2. Awal tanam yang disarankan pada lokasi studi adalah menggunakan awal tanam November.
3. Pelaksanaan pemberian air ke daerah irigasi harus diawasi secara baik dan benar. Sehingga keberadaan embung yang ada dapat bermanfaat secara maksimal untuk meningkatkan kesejahteraan penduduk disekitar embung.



## DAFTAR PUSTAKA

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- Harto, Sri. B.R., 1993, *Analisis Hidrologi*, PT. Gramedia Pustaka Utama, Jakarta.
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**LAMPIRAN I**  
**DATA HUJAN STASIUN KABUL**



## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2004  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1			18								8	21
2												
3		5										
4												
5	15											
6												9
7												
8		3									16	
9											9	
10				5								
11											8	
12		7	12									
13												
14			30									
15												9
16												10
17		39										25
18												
19	24											
20		28									9	7
21		19										33
22			26								20	
23												6
24											26	21
25	21										32	8
26		4										3
27												22
28					16						26	19
29			10		23						33	
30	24				9							8
31												
<b>JUMLAH</b>	84	105	96	5	48	0	0	0	0	0	187	201
<b>RERATA</b>	21	15	19	5	16	-	-	-	-	-	19	14
<b>HH.</b>	4	7	5	1	3	0	0	0	0	0	10	14
<b>MAX</b>	24	39	30	5	23	0	0	0	0	0	33	33
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	15	15	60	5	0	0	0	0	0	0	41	39
<b>Jumlah SB. II</b>	69	90	36	0	48	0	0	0	0	0	146	162
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	1	3	3	1	0	0	0	0	0	0	4	3
<b>HH. SB. II</b>	3	4	2	0	3	0	0	0	0	0	6	11

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	726
Max tahunan	mm	39
Jumlah HH setahun	hari	44

## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2005  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1		29		2								10
2		11		17								
3		19		10								19
4	9		31									
5		10	21									30
6			18	18								20
7			15	41			25					
8			10	10			23					
9	20											
10				9								38
11												
12												17
13		10										
14	10	20	4									
15	5									10		
16											10	10
17				11						9	35	
18												21
19		10								20		
20	19								11	21	11	
21											11	
22						22					10	
23												
24												19
25												
26										10		
27			9			16						
28			15		16			30				
29			11		23							
30			22		9							38
31			27									12
<b>JUMLAH</b>	63	109	183	118	48	38	48	30	11	70	77	234
<b>RERATA</b>	13	16	17	15	16	19	24	30	11	14	15	21
<b>HH.</b>	5	7	11	8	3	2	2	1	1	5	5	11
<b>MAX</b>	20	29	31	41	23	22	25	30	11	21	35	38
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	44	99	99	107	0	0	48	0	0	10	0	134
<b>Jumlah SB. II</b>	19	10	84	11	48	38	0	30	11	60	77	100
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	4	6	6	7	0	0	2	0	0	1	0	6
<b>HH. SB. II</b>	1	1	5	1	3	2	0	1	1	4	5	5

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	1,029
Max tahunan	mm	41
Jumlah HH setahun	hari	61

## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2006  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1		18		2						18		
2		2	21	1						8		
3	20	14	9	4								10
4	21	6	30	15							9	
5	77		45	15	8						5	
6			1									
7	20			3						27		
8	9									6		30
9			10									17
10	14			6								2
11												14
12												2
13												10
14		4	45	9								
15	8			30								
16	7			45								
17	14	5										
18	28	34	27	23								8
19		11	36	45		57						
20			1									4
21		8	2	17								15
22	54	1									9	
23		3			12							1
24				1								9
25	17	56										2
26	8	29		5								
27	27	17										
28		25	32									
29			45									4
30	8		32									2
31	9		6									1
<b>JUMLAH</b>	341	233	342	221	20	57	0	0	0	59	23	131
<b>RERATA</b>	21	16	23	15	10	57	-	-	-	15	8	8
<b>HH.</b>	16	15	15	15	2	1	0	0	0	4	3	16
<b>MAX</b>	77	56	45	45	12	57	0	0	0	27	9	30
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	169	44	161	85	8	0	0	0	0	59	14	85
<b>Jumlah SB. II</b>	172	189	181	136	12	57	0	0	0	0	9	46
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	7	5	7	9	1	0	0	0	0	4	2	7
<b>HH. SB. II</b>	9	10	8	6	1	1	0	0	0	0	1	9

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	1,427
Max tahunan	mm	77
Jumlah HH setahun	hari	87

## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2007  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	37	1	15	10								
2	7	1	35									1
3	18	33	1	22				4			28	
4											9	3
5	13	2		72							2	
6		13	1								8	3
7				11							2	
8												
9	2	10										
10												
11												
12		4	1									7
13			1									6
14		3	1	5								
15				11			28	1				6
16				11			4					
17	2	1			11							
18		3			11							
19		4		18								
20												
21		1		17								
22								1				
23	4	1	7									
24				8								18
25	1			25		2	1					7
26												14
27												21
28					10	6						5
29					11							11
30										7		15
31												1
<b>JUMLAH</b>	84	77	62	210	43	8	33	6	0	7	49	118
<b>RERATA</b>	11	6	8	19	11	4	11	2	-	7	10	8
<b>HH.</b>	8	13	8	11	4	2	3	3	0	1	5	14
<b>MAX</b>	37	33	35	72	11	6	28	4	0	7	28	21
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	77	67	55	131	0	0	28	5	0	0	49	26
<b>Jumlah SB. II</b>	7	10	7	79	43	8	5	1	0	7	0	92
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	5	8	7	6	0	0	1	2	0	0	5	6
<b>HH. SB. II</b>	3	5	1	5	4	2	2	1	0	1	0	8

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	697
Max tahunan	mm	72
Jumlah HH setahun	hari	72



## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2008  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	14			2	2							
2	3	1										
3	2	9	25	6								
4			20									
5			26								2	
6											5	9
7	7		21	1							2	7
8		31	10	85				1			4	5
9	6	7									7	5
10	3	9		5								15
11		3	33		2						2	
12		15	8									7
13	2	24									6	2
14	14	27		2							5	
15	6	25	7								3	
16	30				11						6	
17	15										9	
18			9									14
19												
20			17									
21			36							2		7
22				2								1
23				1								
24			11								1	
25			17						1	2	2	
26			36						11			4
27											2	2
28								1				
29												
30	11							1				
31			41									
<b>JUMLAH</b>	113	151	317	104	15	0	0	3	12	4	56	78
<b>RERATA</b>	9	15	21	13	5	-	-	1	6	2	4	7
<b>HH.</b>	12	10	15	8	3	0	0	3	2	2	14	12
<b>MAX</b>	30	31	41	85	11	0	0	1	11	2	9	15
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	57	151	150	101	4	0	0	1	0	0	36	50
<b>Jumlah SB. II</b>	56	0	167	3	11	0	0	2	12	4	20	28
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	9	10	8	6	2	0	0	1	0	0	9	7
<b>HH. SB. II</b>	3	0	7	2	1	0	0	2	2	2	5	5

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	853
Max tahunan	mm	85
Jumlah HH setahun	hari	81

## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2009  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1		25	17									
2		55	10									1
3	29	37	32									
4			19									3
5	14	20		15							4	4
6											7	11
7	8								11		2	
8												
9	33										7	
10	118	33	15		10				1			15
11	7	25									2	
12										5		7
13												2
14	16											
15	59	10									3	33
16	72		5								6	
17												
18												18
19												
20				3								
21										27		7
22											9	1
23												
24	15										3	
25		17							1	4	2	
26		57										4
27	19	9									2	2
28				3							5	
29												4
30	17		19									
31												
<b>JUMLAH</b>	407	288	117	21	10	0	0	0	13	36	52	112
<b>RERATA</b>	34	29	17	7	10	-	-	-	4	12	4	8
<b>HH.</b>	12	10	7	3	1	0	0	0	3	3	12	14
<b>MAX</b>	118	57	32	15	10	0	0	0	11	27	9	33
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	284	205	93	15	10	0	0	0	12	5	25	76
<b>Jumlah SB. II</b>	123	83	24	6	0	0	0	0	1	31	27	36
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	8	7	5	1	1	0	0	0	2	1	6	8
<b>HH. SB. II</b>	4	3	2	2	0	0	0	0	1	2	6	6

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	1,056
Max tahunan	mm	118
Jumlah HH setahun	hari	65

## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2010  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1		19									3	
2				14								
3												
4											6	
5	12		5		1						12	
6	5	3					5		17			
7	11	3		9	2				20			
8	11	3					1		13			
9	20	4		19					80			
10												
11	4	15			10				10			
12		15	8		2						9	
13					14							
14		1			10						5	
15		5			2							
16			15	11					10			
17	1		2									19
18	7	31							71			
19	8								10			9
20				46							7	1
21				5	9							23
22			25						21		13	8
23	4				4			11				18
24	1				5						22	
25						2	12				8	5
26	47			24		1					3	
27	6					3					13	3
28	1	1			3							36
29	1				1							26
30	13										4	9
31	1				1		1					
<b>JUMLAH</b>	153	100	55	128	64	6	19	11	252	0	105	157
<b>RERATA</b>	9	9	11	18	5	2	5	11	28	-	9	14
<b>HH.</b>	17	11	5	7	13	3	4	1	9	0	12	11
<b>MAX</b>	47	31	25	46	14	3	12	11	80	0	22	36
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	63	68	13	42	41	0	6	0	140	0	35	0
<b>Jumlah SB. II</b>	90	32	42	86	23	6	13	11	112	0	70	157
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	6	9	2	3	7	0	2	0	5	0	5	0
<b>HH. SB. II</b>	11	2	3	4	6	3	2	1	4	0	7	11

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	1,050
Max tahunan	mm	80
Jumlah HH setahun	hari	93

## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2011  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
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 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1			28	15							3	
2		5			45							
3	9		16	1	2							3
4		4	3	1								
5	1	7		8	7							2
6		1	1	2	9					6		
7			5	1	14					1		
8	2	10		1	31					1		2
9	4			14								
10	7	1	3	55			10				1	
11	53		17	5								4
12	3		5				5					1
13		18	7	1							1	1
14			11								1	6
15	8			6							23	1
16	6		2	12			1					1
17			2		8		1					13
18			5								8	27
19	3					1						76
20	4										2	
21				1							17	
22			1							17	2	1
23		3										10
24	9	43	6		1					1		
25	7	7	1				2					5
26		1										52
27			16									1
28												1
29												
30					1							1
31	1											
<b>JUMLAH</b>	117	100	129	123	118	1	19	0	0	26	58	208
<b>RERATA</b>	8	9	8	9	13	1	4	-	-	5	6	11
<b>HH.</b>	14	11	17	14	9	1	5	0	0	5	9	19
<b>MAX</b>	53	43	28	55	45	1	10	0	0	17	23	76
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	87	46	96	110	108	0	15	0	0	8	29	20
<b>Jumlah SB. II</b>	30	54	33	13	10	1	4	0	0	18	29	188
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	8	7	10	12	6	0	2	0	0	3	5	8
<b>HH. SB. II</b>	6	4	7	2	3	1	3	0	0	2	4	11

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	899
Max tahunan	mm	76
Jumlah HH setahun	hari	104

## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2012  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1		2	4	3							1	
2		16		5								25
3		10										2
4		48										
5	4	1										2
6	5	7									57	2
7	5	5								13	1	
8	37	5	3	1						1		
9	10	9	6								4	4
10	1		18		3							9
11		2			1							41
12					29					1	39	
13				2	3						15	
14				1	124							2
15												
16					9						7	1
17			11			2			2			3
18		5		5							53	1
19		1	17									1
20			23								14	1
21	15		7			1					1	7
22	6		9									
23	21		3		1							
24											7	6
25				1								3
26											15	2
27					1				2		29	13
28	2			3						15	3	8
29	6			7								
30	4		3						1		1	
31			53									
<b>JUMLAH</b>	116	111	157	28	171	1	2	0	5	30	247	133
<b>RERATA</b>	10	9	13	3	21	1	2	-	2	8	16	7
<b>HH.</b>	12	12	12	9	8	1	1	0	3	4	15	19
<b>MAX</b>	37	48	53	7	124	1	2	0	2	15	57	41
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	62	105	31	12	160	0	0	0	0	15	117	87
<b>Jumlah SB. II</b>	54	6	126	16	11	1	2	0	5	15	130	46
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	6	10	4	5	5	0	0	0	0	3	6	8
<b>HH. SB. II</b>	6	2	8	4	3	1	1	0	3	1	9	11

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	1,001
Max tahunan	mm	124
Jumlah HH setahun	hari	96

## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2013  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	8	14	1									
2	2	2										
3	17		10	8					1	1		
4	2	57		1						1		53
5	7		13	1								42
6	12	15	9			16					2	
7	10		16	3		2						2
8	2		6	28		2	1					3
9		2	11			10						8
10	2	1		9								
11		19		1							15	60
12	18		2		9							40
13		2		67								
14	53		8	41	1						8	6
15	25		6			1						14
16	1	4			13						5	
17		1	30	17	23	2				1		
18	12	3	1	1	17	2					7	
19	2			10	1					2		
20	9	8				6					7	
21	5	5	1	4	2	12	1					
22	7	8		12								
23	11			50	18							9
24		12	2			11						29
25	7	6										6
26	2	3			14					29	4	1
27		33			6	3				45	11	
28		17	11		13	6						
29			7			8					2	
30	1		3									
31	5											
<b>JUMLAH</b>	220	212	137	253	117	81	2	0	1	79	61	273
<b>RERATA</b>	10	11	8	17	11	6	1	-	1	13	7	21
<b>HH.</b>	23	19	17	15	11	13	2	0	1	6	9	13
<b>MAX</b>	53	57	30	67	23	16	1	0	1	45	15	60
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	158	112	82	159	10	31	1	0	1	2	25	228
<b>Jumlah SB. II</b>	62	100	55	94	107	50	1	0	0	77	36	45
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	12	8	10	9	2	5	1	0	1	2	3	9
<b>HH. SB. II</b>	11	11	7	6	9	8	1	0	0	4	6	4

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	1,436
Max tahunan	mm	67
Jumlah HH setahun	hari	129

## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2014  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1		10										2
2		60			22							33
3		2										6
4					21							14
5												13
6												19
7												13
8	5	3										
9		22										
10	7											1
11		9										
12		3	9									
13		7	58	3			21				5	
14	28	23	1				1					
15		1		4	8						1	1
16	5											7
17			11	6					1			2
18	2	8		42							47	69
19	9	17	23	16				2				
20	15		20				3					29
21	38	4		10								10
22	7											16
23	19	3										
24	10											36
25	14			11	3						34	13
26			5								2	15
27	28	2									36	2
28					2							105
29	9		1								81	
30	1		3	11								
31												
<b>JUMLAH</b>	197	174	131	103	56	0	25	2	1	0	206	406
<b>RERATA</b>	13	12	15	13	11	-	8	2	1	-	29	20
<b>HH.</b>	15	15	9	8	5	0	3	1	1	0	7	20
<b>MAX</b>	38	60	58	42	22	0	21	2	1	0	81	105
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	40	140	68	7	51	0	22	0	0	0	0	102
<b>Jumlah SB. II</b>	157	34	63	96	5	0	3	2	1	0	0	304
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	3	10	3	2	3	0	2	0	0	0	0	9
<b>HH. SB. II</b>	12	5	6	6	2	0	1	1	1	0	0	11

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	1,301
Max tahunan	mm	105
Jumlah HH setahun	hari	84

## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2015  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	4	5			9							
2					10				1			2
3			11	14								
4					20							
5			20									2
6			50	16								34
7	1		8	22								13
8		1		1								2
9	1	22										
10	5		7		1						19	1
11		6	11	8							1	8
12	1	3	4									6
13			8									
14	9	21		5				3				41
15	2		10									
16			1	9								7
17	4	1									7	4
18	7	5		1								22
19											29	44
20	2	2										10
21		5					1					
22	12		16	1								
23	30	29		21								
24		7	11									7
25	7	2	67	1	29						19	4
26				3								
27	1											
28	8	11		52							48	1
29	21		16	10					6			
30	3		9		10							4
31	34											2
<b>JUMLAH</b>	152	120	249	164	79	0	1	3	7	0	123	214
<b>RERATA</b>	8	9	17	12	13	-	1	3	4	-	21	11
<b>HH.</b>	18	14	15	14	6	0	1	1	2	0	6	19
<b>MAX</b>	34	29	67	52	29	0	1	3	6	0	48	44
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	23	58	129	66	40	0	0	3	1	0	20	109
<b>Jumlah SB. II</b>	129	62	120	98	39	0	1	0	6	0	103	105
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	7	6	9	6	4	0	0	1	1	0	2	9
<b>HH. SB. II</b>	11	8	6	8	2	0	1	0	1	0	4	10

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	1,112
Max tahunan	mm	67
Jumlah HH setahun	hari	96



## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2016  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1		4	2	3	13			1				
2	1	8	6	16						6	6	1
3	4	51	3	9						1		39
4		1						2		46	6	
5	6	5	4	3	6	1				7		
6	6		3			7		1				1
7		8	2							10	6	
8		4	3	2			9				2	1
9		19	5	3		39				1		2
10	7	6	19									20
11	7	1	13	1		37	9	1				3
12	20	6		8				2		3	25	32
13	102	37	4	67		47	5		9			
14	1	5	35			9	1	4			2	30
15			3	4		1	12		32		3	10
16				1		34	2		4		2	
17									6		9	1
18	24										3	
19						1			9			67
20	23			1			12					12
21	29	7					5		1	30	33	34
22		6						1	12	19	10	
23		59		3					30	28	39	4
24		2	3					1	59	2		
25	1	8							5	22	41	
26	15	9	31		1	4			21		25	
27	12	54				18						
28						10			13	1	57	3
29	7	2	11			19		1	1	8	7	
30	11			7					1		18	
31	3		9							1		2
<b>JUMLAH</b>	279	302	156	128	20	227	55	14	203	185	294	262
<b>RERATA</b>	16	14	9	9	7	17	7	2	15	12	16	15
<b>HH.</b>	18	21	17	14	3	13	8	9	14	15	18	17
<b>MAX</b>	102	59	35	67	13	47	12	4	59	46	57	67
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	154	155	102	116	19	141	36	11	41	74	50	139
<b>Jumlah SB. II</b>	125	147	54	12	1	86	19	3	162	111	244	123
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	9	13	13	10	2	7	5	6	2	7	7	10
<b>HH. SB. II</b>	9	8	4	4	1	6	3	3	12	8	11	7

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	2,125
Max tahunan	mm	102
Jumlah HH setahun	hari	167

## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2017  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	4	44		4								
2	15	60	2	12								1
3	6	34	1	14				1			16	
4				2	1	8				10	2	
5	4	5		4						41	3	
6	1			1				1			1	
7		11					23			23		
8							16			4		24
9		83		10			19			1		4
10		33	1									
11		70		5				2			15	1
12	36	26	1			2	1	1				
13		12	4			5					11	6
14	11		28								7	
15	7	4	9								50	13
16	2	5	2									1
17	20	2	4									
18				32						2	53	17
19	1										44	62
20	1							1			2	10
21			3	20		20						11
22	13					5					2	48
23	40	1		23							21	11
24						13			6		11	58
25			9			24				12	30	46
26	28		11			4			2	3		6
27	1	24	75								60	11
28	14	5			2						8	
29	29				1						27	9
30	17				1				1		13	39
31	127		2									15
<b>JUMLAH</b>	377	419	152	127	5	81	59	6	9	96	376	393
<b>RERATA</b>	19	26	11	12	1	10	15	1	3	12	20	20
<b>HH.</b>	20	16	14	11	4	8	4	5	3	8	19	20
<b>MAX</b>	127	83	75	32	2	24	23	2	6	41	60	62
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	84	382	46	52	1	15	59	5	0	79	105	49
<b>Jumlah SB. II</b>	293	37	106	75	4	66	0	1	9	17	271	344
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	8	11	7	8	1	3	4	4	0	5	8	6
<b>HH. SB. II</b>	12	5	7	3	3	5	0	1	3	3	11	14

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	2,100
Max tahunan	mm	127
Jumlah HH setahun	hari	132

## DATA CURAH HUJAN HARIAN

(Dalam Milimeter)

Nama Pos : Kabul  
 Jenis Alat : ARR  
 Tahun : 2018  
 DAS : Dodokan

Des./Kec./Kab. : Kabul / Praya Barat / Loteng  
 Elevasi : 110,34 m  
 Koordinat : 116° 10' 48" BT. 08° 46' 47" LS.  
 No. Register : 522016

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
1	1	89							13			1
2	10	5										5
3	6	15									2	3
4	11	5	7								3	
5	1	8	30								1	
6	12	3	1						8		2	1
7	6	7	13	23							5	5
8	49	6	36								5	5
9											4	
10	28	19						5			3	
11	26			2							4	
12	74										4	
13	11	6	30									
14	21	4	14						1			
15	40	13										
16	1											
17	6	32										
18	2		1									
19	1									2		
20	17					5						
21	27					2						
22	8	1	50									
23	49	9									3	6
24	2											9
25	25										2	
26	120	2										
27	4											
28	2											
29	2											2
30	1											
31	31		3									
<b>JUMLAH</b>	594	224	185	25	0	7	0	5	22	2	38	37
<b>RERATA</b>	20	14	19	13	-	4	-	5	7	2	3	4
<b>HH.</b>	30	16	10	2	0	2	0	1	3	1	12	9
<b>MAX</b>	120	89	50	23	0	5	0	5	13	2	5	9
<b>JUMLAH HUJAN SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	296	180	131	25	0	0	0	5	22	0	33	20
<b>Jumlah SB. II</b>	298	44	54	0	0	7	0	0	0	2	5	17
<b>JUMLAH HARI HUJAN SETENGAH BULANAN</b>												
<b>HH. SB. I</b>	14	12	7	2	0	0	0	1	3	0	10	6
<b>HH. SB. II</b>	16	4	3	0	0	2	0	0	0	1	2	3

Sumber : Bisda Prov. NTB

Keterangan :

- ( ) : Tidak ada hujan
- ( 0 ) : Ada hujan tapi kecil
- ( X ) : Alat rusak

Rekapitulasi		
Jumlah setahun	mm	1,139
Max tahunan	mm	120
Jumlah HH setahun	hari	86



**LAMPIRAN II**  
**DATA KLIMATOLOGI CR PENGGA**

## DATA TEMPERATUR UDARA

(Dalam Celcius)

Nama Pos : Pengga  
 Jenis Alat : CR  
 Tahun : 2015  
 DAS : Dodokan

Des./Kec./Kab. : Pelambik/ Praya Barat Daya / Loteng  
 Elevasi : 63 m  
 Koordinat : 116<sup>0</sup> 11' 36.04" BT. 08<sup>0</sup> 45' 9.73" LS.  
 No. Register : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	25.75	21.8	21.5	26	24.8	22.8	27.15	26.5	28.6	28.6	30	29.2
2	21.8	25.3	25.3	21.5	25.3	25.3	24.8	26	28.8	28.8	29.1	30.8
3	22.8	21.3	21.8	21.3	24.3	24.5	25	26.3	29.3	29.3	29.5	29.5
4	21.3	25.3	24	26.5	23.5	24.8	26	26.8	29.6	29.6	29.3	30.4
5	23.8	21.8	21.8	25.5	23.8	24.5	26.2	26.4	29.9	29.9	25.5	29.1
6	26	26	24.3	21.5	22	24.8	26.6	26.4	28.7	28.7	30.5	29.4
7	22	25.3	21.5	25.3	21.8	25	25.3	26.3	29	29	31	28.9
8	24.8	23.5	26.5	21.5	21	25.5	26	26.3	29.1	29.1	30.5	28.9
9	26.8	26	21.3	21.5	21.3	24.8	26.4	26.5	29.8	29.8	29.4	29.4
10	21.5	21.8	21.5	21.5	22.8	23.3	26.3	26	30.3	30.3	30.4	29.2
11	24.5	25.3	24.8	25.3	24	22	26.3	27.1	30.1	30.1	29.7	32.7
12	21.5	21.8	26	21.8	23.5	23.5	26	27.1	31.1	31.1	30.6	28.8
13	24.8	24.2	24.5	24.8	24.3	26.8	27.5	27.7	29.5	29.5	30.5	28
14	21.5	27.3	21.8	25.3	23.8	26.9	27.1	27	30.4	30.4	30.4	27.5
15	24.8	21.3	23.8	24.8	24.3	25.6	26.5	25.8	30.4	30.4	30.1	28.8
16	21.8	23.5	26	24.8	23.3	26.5	26.8	26.9	30	30	28.8	29
17	24	23.5	21.3	25.3	24	26.6	26.5	26.2	30.2	30.2	30.2	29.1
18	22	21.5	25	26.8	23.5	27.6	26.5	26	29.9	29.9	28.7	30.5
19	24.8	26.3	21.5	24.5	23.3	27.2	26.8	25.6	30.4	30.4	30.8	28.3
20	21.8	21	25.3	23.8	22.8	27.1	26.8	26.7	28.1	28.1	29.6	27.8
21	25	26.5	21.5	27.5	22.5	26.2	26.6	25.6	29.3	29.3	30.6	28.9
22	21.8	21.3	21.3	27.5	25	24.8	26.2	26.2	29.3	29.3	30.4	30.2
23	25.8	24	24.3	26.5	23.5	25.5	26.8	26.8	30.6	30.6	30.8	28.9
24	24	21.5	25.3	23.8	25.5	26.1	25.6	25.7	30.8	30.8	29.6	30
25	21.8	26.8	21.5	24.3	24	26.8	27.3	26.5	29.3	29.3	28.8	28.3
26	24.8	22.5	25.5	24.5	25.5	26.8	27.2	26.9	28.6	28.6	29.4	30.5
27	23.8	21.5	25.3	24.3	24	26.4	26.9	27.4	31.1	31.1	30.4	29.6
28	25.8	22.5	25.8	26.8	27	26.2	26.3	27	28.5	28.5	30.6	30.1
29	24.3		21.8	24.5	26	25.4	26.8	26	29.9	29.9	30.4	30
30	21.5		21.8	23.5	25.5	25.8	26.8	27.4	29	29	30.7	29.1
31	22		21.5		26		26.5	26.6		29.4		29.7
<b>RERATA</b>	23.50	23.59	23.39	24.42	23.93	25.50	26.44	26.51	29.65	29.65	29.88	29.37
<b>MAX</b>	26.80	27.30	26.50	27.50	27.00	27.60	27.50	27.70	31.10	31.10	31.00	32.70
<b>JUMLAH RERATA TEMPERATUR SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	23.58	23.87	23.36	23.61	23.37	24.67	26.21	26.55	29.64	29.64	29.77	29.37
<b>Jumlah SB. II</b>	23.44	23.26	23.42	25.23	24.46	26.33	26.65	26.47	29.67	29.65	29.99	29.38

Sumber : Bisda Prov. NTB

Keterangan :

- ( X ) : Alat rusak
- ( \* ) : Data diragukan

## DATA TEMPERATUR UDARA

(Dalam Celcius)

**Nama Pos** : Pengga  
**Jenis Alat** : CR  
**Tahun** : 2016  
**DAS** : Dodokan  
**Des./Kec./Kab.** : Pelambik/ Praya Barat Daya / Loteng  
**Elevasi** : 63 m  
**Koordinat** : 116° 11' 36.04" BT. 08° 45' 9.73" LS.  
**No. Register** : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	27.3	28.7	27.5	28.5	28.1	28	28.1	24.5	22.6	23.5	27.3	23.4
2	38.3	28.6	27.5	28.2	28.2	28	26.4	23.7	24.7	23.7	28.3	23.3
3	29.6	28.3	27.9	28.8	27.5	27.2	28.2	24.3	23.9	24	29.6	23.4
4	30.7	27.6	27.6	28	27.6	27.6	28	23.7	25.1	23.5	30.7	22.6
5	28.4	29.1	28.7	28.2	27.2	28.1	27.5	24.9	24.2	23.8	28.4	23.4
6	29.7	28.05	28.3	27.6	28.3	28.3	27.3	24.55	24.1	24.4	29.7	23.55
7	30.4	27.9	28.2	28.4	28.35	27.6	27.85	23.85	24.1	24.75	30.4	23
8	29.5	28.45	28.25	28.55	27.8	28.3	28.5	25.05	24.4	24.9	29.5	23.65
9	30	28.45	28	28.45	27.9	27.95	28.95	26.5	25.2	23.55	30	23.1
10	30.25	28.05	26.8	28.2	27.6	28.05	27.55	25.05	23.8	23.6	30.25	19.25
11	29.45	28.2	27.5	28.25	27.85	27.95	27.7	24	24.75	26.6	29.45	22.65
12	29.3	27.75	27.75	29	27.85	27.55	28.1	22.85	25.25	23.6	29.3	23.4
13	30.9	26.8	28	28.9	28	27.95	27.7	24.8	24.2	23.9	30.9	23.4
14	29.85	28.15	28.8	29.35	28.25	28.75	27.75	24.1	24.4	24.1	29.85	24.3
15	29.3	27.35	28.7	29	28.15	27.75	28.15	22.85	24.25	23.45	29.5	23.2
16	28.9	28.65	28.05	28.2	28.1	27.65	27.25	23.75	24.25	23.4	28.9	23.65
17	30.4	27.75	28.3	28.85	28.15	28.55	28.1	24.7	24.35	23.55	30.4	23.65
18	29.15	28.1	29.15	29.05	28.55	28.65	27.4	23.4	24.05	23.85	29.15	23.5
19	29.25	28.2	28.25	28.55	28.05	28.3	27.05	24.1	24.85	24.1	29.25	23.5
20	29.35	28.15	28.2	28.15	28.35	27.95	27.95	23.75	25.15	14.1	29.35	23.65
21	26.7	28.4	28.85	28.5	28.55	26.55	28.7	24.25	24.5	23.1	26.7	22.85
22	28.5	28.45	28.15	28.7	28	28.7	27.85	24.2	24.65	23.1	28.5	23.6
23	27.7	28.45	28.6	28.35	28.65	27.65	27.85	23	22.9	22.95	27.7	26.35
24	28.2	28.45	28.6	28.6	27.75	27.6	27.4	23.7	24.25	23.6	28.2	23.2
25	27.8	27.55	27.85	28.2	28.2	27.3	28.3	23.3	23.35	23.6	27.8	23.7
26	27	28	27.1	28.5	28.4	27.3	28.5	22.7	25.6	23.75	27	23.5
27	27.25	28	28.7	28.8	28.4	27.6	28.05	26.05	24.75	23.6	27.25	23.3
28	27.4	28.35	28.3	28.85	28.2	28.3	28.3	24	24.3	23.75	27.4	23.65
29	28		28.2	28.75	28.95	28.3	27.05	25.55	24.3	23.6	28	23.15
30	29.4		27.85	28.8	27.95	28.05	27.55	24.2	24.35	24.3	29.4	23.75
31	29.5		28		28		28.15	24.45		23.55		23.8
<b>RERATA</b>	29.27	28.14	28.12	28.54	28.09	27.92	27.85	24.19	24.35	23.52	28.94	23.37
<b>MAX</b>	38.30	29.10	29.15	29.35	28.95	28.75	28.95	26.50	25.60	26.60	30.90	26.35
<b>JUMLAH RERATA TEMPERATUR SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	30.20	28.10	27.97	28.49	27.91	27.94	27.85	24.31	24.33	24.09	29.54	23.04
<b>Jumlah SB. II</b>	28.41	28.19	28.26	28.59	28.27	27.90	27.84	24.07	24.37	22.99	28.33	23.68

Sumber : Bisda Prov. NTB

Keterangan :

- ( X ) : Alat rusak
- ( \* ) : Data diragukan

## DATA TEMPERATUR UDARA

(Dalam Celcius)

**Nama Pos** : Pengga  
**Jenis Alat** : CR  
**Tahun** : 2017  
**DAS** : Dodokan  
**Des./Kec./Kab.** : Pelambik/ Praya Barat Daya / Loteng  
**Elevasi** : 63 m  
**Koordinat** : 116<sup>0</sup> 11' 36.04" BT. 08<sup>0</sup> 45' 9.73" LS.  
**No. Register** : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	24.2	23.9	25.2	24	24.8	24.8	19	19.6	24.5	19.4	22	19.6
2	24.3	24.9	24.8	23.9	24.4	24.7	19.9	20.4	24.4	20.8	20.5	19.7
3	23.4	24.6	24.4	23.7	25	24.6	20.4	20.3	24.9	20.2	21.2	20.3
4	23.9	24.3	24.9	25.7	24.3	24.6	19.6	21.4	26.3	19.5	21.1	19.3
5	23.7	24.3	24.4	24.5	24.6	24.2	19.7	20.5	25.3	20.1	20.4	19.7
6	23.9	24.4	24.5	24.6	25	24.5	20.5	20.4	26.5	19.5	20.7	20.4
7	24.4	23.5	24.6	24.2	24.3	24.4	19.2	21.4	25.3	20.2	21.4	19.7
8	24.3	24.8	25.8	24.2	24.8	24.6	20.4	22.1	24.8	20.9	19.7	19
9	24.2	23.2	25.9	25.9	25.1	24.1	21.2	21.8	22.4	20.1	19.3	19.3
10	20.7	24	25.6	24.3	24.8	24.7	19.6	21.2	21.6	19.4	20.2	18.9
11	24.2	23.2	25.4	23.5	24.8	25.2	20.4	20.4	21	19.5	20.9	18.9
12	22.5	23.1	25.9	24.4	24.4	24.4	20.3	19.2	22.8	20.1	20.8	19.5
13	23.9	24.1	23.7	24.3	24.3	24.5	19.9	20.5	21.6	20.5	20.1	19.6
14	23.9	24	24.3	24.9	23.8	24.6	19.6	18.9	21.9	20.9	19.8	20
15	24	24.2	23.7	24.5	24.6	24.8	18.4	19.7	20.1	19.8	20.2	19.7
16	24.3	24.1	24	24.3	24.6	24.5	20.1	19	21.9	20.1	19.2	20.3
17	23.3	20.7	24.6	25.1	25.2	24.7	18.8	19.9	21.6	19.5	20.1	19.6
18	24.6	24.9	24.6	24.3	25.2	24.7	19.7	20.4	21	19.4	20.5	18.9
19	24.5	24.5	24.1	24.2	24.1	24.5	19.7	19.6	20.1	19.5	20.4	19.3
20	20	24.7	24.4	24.3	24.7	25.7	19.6	19.9	20.8	19.5	19.2	19.7
21	24.6	24.9	24.2	24.2	24.4	24.9	19.7	19.6	20.8	20.1	18.9	19
22	23.1	25.2	24.1	24.4	24.3	24.4	20.4	20.7	21.7	19.4	19.8	19.3
23	23.8	25.2	24.5	23.7	24.8	24.5	20.5	20.5	22.4	19.4	20.1	19
24	23.9	24.5	24.3	24.8	24.3	24.8	20	19.6	22.5	19.5	18.9	18.9
25	24.8	24.7	23.1	24.6	24.8	23.7	20.4	19.7	21.6	20.2	18.8	18.6
26	24.4	24.7	23.2	24.7	24.4	28.5	19.6	20.4	21.3	20.1	18.9	19
27	24.2	24.4	24.2	25.4	24.8	28.4	20.4	18.8	22.9	19.4	19.2	19.6
28	24.1	24.7	25.9	26.5	23.9	28.9	19.6	20.3	22.1	19.3	19.8	19.7
29	24.4		24.2	25.9	24.2	28.9	20.3	19.7	22.8	19.4	19.2	19.7
30	23.9		24.2	25.5	24	28.3	20.7	19.5	22.5	19.5	18.8	19
31	23.9		24.3		24.6		21.1	20.5		19.1		19.3
<b>RERATA</b>	23.78	24.20	24.55	24.62	24.56	25.27	19.96	20.19	22.65	19.82	20.00	19.44
<b>MAX</b>	24.80	25.20	25.90	26.50	25.20	28.90	21.20	22.10	26.50	20.90	22.00	20.40
<b>JUMLAH RERATA TEMPERATUR SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	23.70	24.03	24.87	24.44	24.60	24.58	19.87	20.52	23.56	20.06	20.55	19.57
<b>Jumlah SB. II</b>	23.86	24.40	24.24	24.79	24.52	25.96	20.04	19.88	21.73	19.59	19.45	19.31

Sumber : Bisda Prov. NTB

Keterangan :

- ( X ) : Alat rusak
- ( \* ) : Data diragukan

## DATA TEMPERATUR UDARA

(Dalam Celcius)

Nama Pos : Pengga  
 Jenis Alat : CR  
 Tahun : 2018  
 DAS : Dodokan

Des./Kec./Kab. : Pelambik/ Praya Barat Daya / Loteng  
 Elevasi : 63 m  
 Koordinat : 116<sup>0</sup> 11' 36.04" BT. 08<sup>0</sup> 45' 9.73" LS.  
 No. Register : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	19.2	18.1	19.6	19.8	19.2	19.9	20	19.6	24.2	24.2	24.2	23.4
2	18.9	18.4	19.9	19.2	19.1	19.6	20.6	19.5	25.1	24	25.1	23.3
3	19	18.9	20.6	19.9	18.5	19	19.9	19.9	24.3	24.3	24.3	24
4	19.6	19.2	19.9	20.2	18.8	19.9	19.6	20	24.1	25.1	23.4	23.4
5	19.6	19.2	19.6	19.6	18.5	19.6	20.2	20.6	24.3	24.1	24.1	24.1
6	20.4	18.8	19	18.9	19.1	18.9	19.9	20	24	23.4	24.3	24.3
7	20.3	19.2	19.2	19.9	19.4	19.5	19.6	19.9	25.2	24.2	25.1	24
8	19.7	19.8	19.9	20.2	19.1	19.9	20	19.5	24.2	24	25.2	23.4
9	19.6	19.8	19.7	21	18.4	20.2	20.6	19.6	25	24.3	24.4	24.1
10	19.9	19.2	20.6	20.2	18.8	19.6	20.3	20	24.3	23.4	24.2	24.2
11	18.8	19.9	19.9	19.8	19.1	19	19.9	20.6	24.1	24.2	23.4	24.4
12	19.8	19.8	19.6	20.8	18.5	18.9	19.5	19.9	23.4	25	24.1	24.1
13	20	19.2	20.1	19.9	19.1	19.5	19.9	19.5	24.2	24.4	24.3	23.4
14	19.2	19.8	20.8	20.9	19.4	18.9	20	19.9	24	24.3	24.4	24.3
15	19.9	18.9	21.7	20.2	19.8	19.6	20.6	19	24.3	25.1	24.1	24.2
16	19.6	19.5	20.3	19.9	19.1	19.9	19.9	19.6	25.1	24.2	23.3	24.4
17	20.4	20.4	20.4	20.6	19.1	20.2	20.3	18.9	24.2	24	24.2	25.1
18	20.4	19.8	20	20.2	19.5	19.9	19.6	19.5	23.4	23.4	24.1	24.3
19	19.9	19.9	20.4	20.8	18.5	19.9	19.5	19.9	24.3	24.2	24.2	24.3
20	19.6	19.6	20.8	20.2	18.8	20.2	19	19.6	24.1	25.2	23.4	25.1
21	18.8	20	20.5	20.9	19.1	19	19.6	20	24.4	24.4	24.3	24.2
22	18.2	20.6	20.1	21.1	18.5	19.6	20	20.6	25.1	24.1	24.1	24
23	18.9	19.9	21.2	21.5	19.1	19.5	19.8	20.3	24.2	23.4	23.3	24.3
24	19.2	19.9	20.1	20.8	19.5	19.9	20.6	19.9	24	24.3	24.2	25.2
25	19.6	19.7	20.4	20	19.8	20.5	19.9	19.6	23.4	24	24.4	24.4
26	19.9	20.3	19.5	20.2	19.2	24.4	19.5	20	24.1	24.2	24.1	24.1
27	20.3	19.7	20.1	20.5	19.1	24.1	18.9	19	24.3	25.1	25.2	23.4
28	19.6	20.4	20.5	20.5	19.8	24.4	19.9	19.6	23.4	24.4	24.3	24.2
29	20.3	26.0	20.4	19.9	19.5	24.2	20	20	24.2	24.2	23.4	24.4
30	20.3		21.1	20.2	19.1	24	20.6	20.5	24.3	23.4	24.2	25.1
31	19.6		20.4		18.8		19.9	19.9		23.2		24.1
<b>RERATA</b>	19.63	19.79	20.20	20.26	19.07	20.39	19.92	19.82	24.24	24.18	24.18	24.17
<b>MAX</b>	20.40	26.00	21.70	21.50	19.80	24.40	20.60	20.60	25.20	25.20	25.20	25.20
<b>JUMLAH RERATA TEMPERATUR SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	19.59	19.21	20.01	20.03	18.99	19.47	20.04	19.83	24.31	24.27	24.31	23.91
<b>Jumlah SB. II</b>	19.66	20.41	20.39	20.49	19.16	21.31	19.81	19.81	24.17	24.11	24.05	24.41

Sumber : Bisda Prov. NTB

Keterangan :

- ( X ) : Alat rusak
- ( \* ) : Data diragukan



## DATA TEMPERATUR UDARA

(Dalam Celcius)

**Nama Pos** : Pengga  
**Jenis Alat** : CR  
**Tahun** : 2019  
**DAS** : Dodokan  
**Des./Kec./Kab.** : Pelambik/ Praya Barat Daya / Loteng  
**Elevasi** : 63 m  
**Koordinat** : 116<sup>0</sup> 11' 36.04" BT. 08<sup>0</sup> 45' 9.73" LS.  
**No. Register** : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	24.6	23.8	23.8	24.4	24.4	25.2	24.8	24.2	20.1	19.3	23.1	25.1
2	24.2	24.6	24.2	24	24	24.8	25.2	23.8	19.6	18.7	22.5	22.6
3	23.8	24.4	24.6	24.6	24.6	25	24.6	24.4	20.2	19.4	22.1	23
4	24.2	24.8	24.4	23.8	25.2	24.6	25.6	24.8	19.2	19.7	22.4	14.4
5	24.6	25.2	24.4	24.2	24.4	24.4	24.4	25.2	19.7	19.3	21.8	26.9
6	24.4	24.6	24.2	24.8	25.4	24.8	25	24.6	20.2	18.7	22.3	23.7
7	23.8	25.4	23.6	25	24.6	25.4	24.8	24	20.3	24.9	21.8	23.7
8	24.2	24.8	23.8	24.6	24.8	24.6	24.6	24.4	19.8	19.6	23.4	23.2
9	24.6	24.4	23.6	24	24.4	24.4	24.4	24.8	19.2	20	24.2	23.5
10	25.2	24.6	23.8	23.8	24	24.8	24.8	25.2	19.4	19.9	23.7	23.2
11	24.8	24.2	24.4	24.4	24.6	25.4	25.2	24.6	19.8	20.6	23.8	20
12	23.8	23.8	24.8	25.2	25.2	24.8	24.6	24.2	20.6	20	27.8	26.6
13	24.2	24.4	24.2	24.6	24.8	24.6	25.4	24.8	19.9	19.9	24	21.7
14	24.6	24.8	23.8	24.2	25	24.2	24.8	24.4	19.4	19.7	23.2	21.8
15	24.4	25.2	24	23.6	24.6	24.4	24.4	23.8	19.8	19.9	20.4	22
16	24.8	24.6	23.6	24	24.2	24	25	24.2	20.5	20	23.2	17.1
17	25.4	24.4	24.2	24.4	24.8	23.8	24.6	24.8	19.9	20.7	23.9	23.1
18	24.6	23.8	24.6	24.8	24.4	24.4	24.2	24.4	19.5	22	23.9	22.7
19	24.2	24.4	24.4	23.8	24	42.2	25.4	24	19.4	20.6	24.8	22.8
20	24.8	24.6	24.8	24.6	24.6	24.6	24.8	24.6	19.9	19.8	24.8	22.4
21	23.8	25.4	25.2	25	24.4	24	25	24.2	19.8	19.9	24.1	23.6
22	24.4	24.8	24.6	24.4	24.8	24.4	24.6	24.8	20.4	21.6	26.2	23.2
23	24.6	24.4	24.8	24.8	25.2	24.8	24.2	24.4	18.9	21.1	22.7	22.4
24	25.2	23.8	24.2	24	24.6	24.6	24.8	25.2	19.5	22	23.9	22.9
25	24.8	24	24.6	23.6	24.8	25.2	24.8	24.8	19.7	21.6	23	22.4
26	25.4	23.6	24	24.2	25.2	24.8	24.8	25.4	20.5	22.7	21.8	22
27	24.6	24.2	23.8	24.6	24.4	24.4	24.4	24.6	19.8	22.9	23	21.9
28	24.2		24.2	24.4	24.6	24	24.6	24.2	19.4	22.6	22.6	21.6
29	24.8		23.6	24.6	24	24.6	25	24.4	20.2	23.3	24.9	22.1
30	24.4		24.4	25	24.4	24.2	24.8	24.8	20.4	22.8	24	21.5
31	23.8		24.8		24.8		25.2	25.2		23.5		21.7
<b>RERATA</b>	24.49	24.48	24.24	24.38	24.62	25.18	24.81	24.55	19.83	20.86	23.44	22.41
<b>MAX</b>	25.40	25.40	25.20	25.20	25.40	42.20	25.60	25.40	20.60	24.90	27.80	26.90
<b>JUMLAH RERATA TEMPERATUR SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	24.36	24.60	24.11	24.35	24.67	24.76	24.84	24.48	19.81	19.97	23.10	22.76
<b>Jumlah SB. II</b>	24.61	24.33	24.36	24.41	24.58	25.60	24.79	24.63	19.85	21.69	23.79	22.09

Sumber : Bisda Prov. NTB

Keterangan :

- ( X ) : Alat rusak
- ( \* ) : Data diragukan

## DATA KELEMBABAN RELATIF

(Dalam Persen)

**Nama Pos** : Pengga  
**Jenis Alat** : CR  
**Tahun** : 2015  
**DAS** : Dodokan  
**Des./Kec./Kab.** : Pelambik/ Praya Barat Daya / Loteng  
**Elevasi** : 63 m  
**Koordinat** : 116<sup>o</sup> 11' 36.04" BT. 08<sup>o</sup> 45' 9.73" LS.  
**No. Register** : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	99	99	99	99	89	99	27.8	77	80	80	70	71
2	94	99	99	99	99	97	25.5	87	69	69	71	67
3	99	99	93	99	98	93	25.8	82	62	62	71	71
4	94	99	99	99	99	91	26.7	76	64	64	74	66
5	99	93	92	98	99	99	27.2	83	65	65	71	79
6	93	92	94	99	94	96	27.3	77	68	68	66	70
7	99	98	99	99	99	93	25.8	81	65	65	64	75
8	99	99	91	99	98	97	26.8	84	67	67	67	74
9	96	99	98	99	94	90	27	77	57	57	69	77
10	99	98	90	99	99	98	26.8	84	54	54	74	73
11	91	99	99	99	99	98	27	86	63	63	73	65
12	99	93	99	99	92	92	26.8	81	68	66	65	76
13	99	96	99	99	92	76	28.2	74	62	62	64	75
14	94	98	98	97	97	72	27.7	83	57	57	60	93
15	99	99	93	99	99	75	27.3	88	62	62	69	77
16	99	94	94	99	97	85	27.5	83	64	64	76	86
17	99	99	98	99	98	79	27.3	86	67	67	36	76
18	98	99	99	97	94	76	27.3	85	62	62	71	78
19	99	98	94	94	99	76	27.5	78	63	63	65	74
20	96	99	94	99	93	68	27.3	80	61	61.6	74	78
21	99	99	94	99	99	77	27.2	84	65	65	68	82
22	92	99	98	87	99	72	26.7	65	69	69	66	74
23	99	99	99	94	99	78	27.3	81	51	51	66	78
24	99	99	99	99	92	76	26.3	85	57	57	79	76
25	99	99	99	99	99	77	27.8	86	64	64	63	78
26	99	99	99	99	99	77	27.8	79	75	75	73	65
27	99	99	98	99	99	73	27	82	61	61	66	78
28	99	94	99	99	98	72	26.8	76	76	76	68	75
29	99		99	93	94	80	27.2	86	68	68	68	70
30	99		99	94	99	74	27.5	81	71	71	64	71
31	99		94		90		27.2	84		63		70
<b>RERATA</b>	97.61	97.71	96.71	97.73	96.61	83.53	27.08	81.32	64.57	64.47	67.70	74.77
<b>MAX</b>	99.00	99.00	99.00	99.00	99.00	99.00	28.20	88.00	80.00	80.00	79.00	93.00
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	96.87	97.33	96.13	98.80	96.47	91.07	26.91	81.33	64.20	64.07	68.53	73.93
<b>Jumlah SB. II</b>	98.31	98.15	97.25	96.67	96.75	76.00	27.23	81.31	64.93	64.85	66.87	75.56

Sumber : Bisda Prov. NTB

Keterangan :

( X ) : Alat rusak

( \* ) : Data diragukan

## DATA KELEMBABAN RELATIF

(Dalam Persen)

**Nama Pos** : Pengga  
**Jenis Alat** : CR  
**Tahun** : 2016  
**DAS** : Dodokan  
**Des./Kec./Kab.** : Pelambik/ Praya Barat Daya / Loteng  
**Elevasi** : 63 m  
**Koordinat** : 116<sup>0</sup> 11' 36.04" BT. 08<sup>0</sup> 45' 9.73" LS.  
**No. Register** : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	82	83	83	86	88	85	84	84	89	68	69	84
2	81	85	92	85	82	83	81	85	84	89	89	82
3	73	82	88	85	88	89	84	84	82	86	86	88
4	67	92	89	89	100	90	87	80	85	93	86	85
5	58	80	87	84	87	87	85	100	87	89	84	84
6	71	91	87	86	81	93	84	81	86	86	87	86
7	73	88	83	88	83	84	87	84	19	89	87	87
8	71	83	82	96	86	89	83	85	89	88	85	85
9	68	80	91	86	85	79	82	80	85	85	87	84
10	69	79	94	81	84	90	86	83	87	89	83	87
11	74	82	94	86	87	88	85	86	84	86	85	85
12	77	87	92	82	88	82	89	85	100	86	82	85
13	68	89	87	78	85	86	84	79	85	87	85	87
14	31	82	90	82	98	86	86	83	95	87	90	85
15	62	90	84	76	89	88	82	87	95	91	95	85
16	72	79	86	79	90	92	84	87	96	88	86	83
17	66	85	84	79	86	86	84	83	97	54	88	87
18	72	86	78	81	82	85	84	87	98	89	87	81
19	74	78	85	81	88	84	87	71	91	55	86	84
20	72	86	84	79	84	83	84	73	94	85	87	94
21	88	89	77	78	81	86	80	76	98	89	89	85
22	165	89	87	77	82	85	68	83	95	88	87	86
23	120	81	81	79	84	90	81	90	92	88	69	82
24	83	83	84	84	84	86	81	84	87	53	89	89
25	87	84	87	77	84	88	78	85	97	88	87	84
26	82	84	95	81	88	88	83	85	87	87	86	85
27	80	87	84	83	85	88	85	85	84	89	85	85
28	81	85	81	77	85	85	78	88	92	87	91	86
29	83		85	84	83	87	89	82	96	92	89	85
30	76		85	78	85	87	87	85	95	85	75	87
31	74		83		87		84	81		87		85
<b>RERATA</b>	77.42	84.61	86.10	82.23	86.10	86.63	83.42	83.58	88.37	83.97	85.37	85.39
<b>MAX</b>	165.00	92.00	95.00	96.00	100.00	93.00	89.00	100.00	100.00	93.00	95.00	94.00
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	68.33	84.87	88.20	84.67	87.40	86.60	84.60	84.40	83.47	86.60	85.33	85.27
<b>Jumlah SB. II</b>	85.94	84.31	84.13	79.80	84.88	86.67	82.31	82.81	93.27	81.50	85.40	85.50

Sumber : Bisda Prov. NTB

Keterangan :

( X ) : Alat rusak

( \* ) : Data diragukan

## DATA KELEMBABAN RELATIF

(Dalam Persen)

Nama Pos : Pengga  
 Jenis Alat : CR  
 Tahun : 2017  
 DAS : Dodokan

Des./Kec./Kab. : Pelambik/ Praya Barat Daya / Loteng  
 Elevasi : 63 m  
 Koordinat : 116<sup>o</sup> 11' 36.04" BT. 08<sup>o</sup> 45' 9.73" LS.  
 No. Register : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	84	84	89	88	91	92	92	93	98	92	98	93
2	85	82	91	93	95	89	92	98	99	90	98	93
3	89	25	94	94	91	91	98	99	94	91	93	97
4	88	83	91	91	95	93	97	98	94	93	99	98
5	87	83	93	92	88	92	92	99	94	92	98	93
6	85	86	91	91	93	91	93	99	99	93	92	99
7	86	83	88	93	93	91	98	99	99	92	97	98
8	82	82	89	94	93	83	92	98	99	97	92	92
9	87	82	76	92	90	93	97	97	94	92	98	98
10	85	82	85	93	90	88	93	99	99	92	93	93
11	83	87	88	95	95	88	98	99	84	92	93	93
12	93	84	85	91	89	92	97	98	94	93	98	98
13	87	82	92	88	93	91	92	93	87	93	93	98
14	85	81	96	90	92	91	97	92	99	97	98	93
15	85	84	93	92	90	90	93	93	99	92	92	98
16	86	86	90	89	91	93	93	92	96	98	92	97
17	93	85	90	87	90	90	98	93	99	92	97	93
18	87	82	91	91	91	95	98	98	99	91	92	93
19	86	80	93	92	92	90	93	98	94	92	93	98
20	85	82	90	89	92	95	94	93	94	92	92	93
21	86	80	83	90	93	94	92	97	93	97	92	93
22	87	82	91	90	89	93	98	99	98	91	98	98
23	87	83	92	96	89	91	97	99	99	93	97	92
24	86	82	89	91	91	92	92	99	99	93	98	93
25	88	84	92	91	90	93	98	99	99	92	98	98
26	87	83	92	92	87	91	92	99	99	91	98	98
27	84	83	93	87	92	89	98	99	98	93	92	97
28	88	82	92	88	92	92	98	93	94	98	98	93
29	87	96	92	92	94	93	93	99	98	92	93	98
30	86		89	92	93	90	98	93	99	92	99	98
31	86		90		90		98	96		98		98
<b>RERATA</b>	86.45	81.38	90.00	91.13	91.42	91.20	95.19	96.77	96.33	93.10	95.37	95.61
<b>MAX</b>	93.00	96.00	96.00	96.00	95.00	95.00	98.00	99.00	99.00	98.00	99.00	99.00
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	86.07	79.33	89.40	91.80	91.87	90.33	94.73	96.93	95.47	92.73	95.47	95.60
<b>Jumlah SB. II</b>	86.81	83.57	90.56	90.47	91.00	92.07	95.63	96.63	97.20	93.44	95.27	95.63

Sumber : Bisda Prov. NTB

Keterangan :

( X ) : Alat rusak

( \* ) : Data diragukan

## DATA KELEMBABAN RELATIF

(Dalam Persen)

**Nama Pos** : Pengga  
**Jenis Alat** : CR  
**Tahun** : 2018  
**DAS** : Dodokan  
**Des./Kec./Kab.** : Pelambik/ Praya Barat Daya / Loteng  
**Elevasi** : 63 m  
**Koordinat** : 116<sup>0</sup> 11' 36.04" BT. 08<sup>0</sup> 45' 9.73" LS.  
**No. Register** : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	92	98	97	97	93	93	93	97	93	98	93	93
2	98	93	92	98	97	97	98	93	98	98	97	93
3	92	93	98	93	98	93	93	93	93	93	93	98
4	98	92	92	93	98	92	97	92	97	97	98	93
5	93	92	96	98	98	97	98	98	93	97	98	97
6	98	98	93	93	98	92	93	98	98	93	93	93
7	98	92	98	97	93	92	98	98	98	98	98	98
8	99	92	91	93	98	92	92	98	93	92	97	92
9	99	98	92	97	98	92	98	98	98	92	98	98
10	93	92	93	93	89	98	92	92	93	92	98	93
11	99	92	93	98	98	91	92	98	98	97	98	92
12	97	98	98	98	98	93	98	93	92	98	98	98
13	99	93	98	93	98	98	98	98	93	92	93	93
14	98	97	93	98	93	92	98	93	98	92	98	93
15	98	92	98	92	98	98	88	92	93	98	98	97
16	98	97	93	93	93	98	92	98	97	97	93	92
17	99	98	92	92	98	92	98	93	93	97	98	98
18	88	97	98	92	93	93	98	98	92	92	98	93
19	93	93	93	98	98	93	98	93	93	97	98	91
20	97	98	98	93	98	98	93	98	97	98	92	98
21	98	93	92	92	93	92	98	98	92	92	93	98
22	99	97	99	98	98	97	98	98	97	98	98	97
23	93	93	87	93	98	97	98	92	98	82	92	93
24	93	92	98	97	98	92	98	94	92	98	102	97
25	98	93	93	92	98	98	92	98	92	93	92	93
26	93	98	92	73	93	92	98	93	98	98	98	97
27	91	92	98	92	97	97	93	93	93	98	98	92
28	97	98	100	98	98	98	93	98	92	92	93	98
29	90		98	92	92	98	93	93	93	98	92	92
30	98		98	92	93	98	98	98	93	93	98	98
31	98		93		98		93	93		93		97
<b>RERATA</b>	95.94	94.68	94.97	93.93	96.16	94.77	95.39	95.45	94.67	94.94	96.10	95.00
<b>MAX</b>	99.00	98.00	100.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	102.00	98.00
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	96.73	94.13	94.80	95.40	96.33	94.00	95.07	95.40	95.20	95.13	96.53	94.73
<b>Jumlah SB. II</b>	95.19	95.31	95.13	92.47	96.00	95.53	95.69	95.50	94.13	94.75	95.67	95.25

Sumber : Bisda Prov. NTB

Keterangan :

( X ) : Alat rusak

( \* ) : Data diragukan

## DATA KELEMBABAN RELATIF

(Dalam Persen)

Nama Pos : Pengga  
 Jenis Alat : CR  
 Tahun : 2019  
 DAS : Dodokan

Des./Kec./Kab. : Pelambik/ Praya Barat Daya / Loteng  
 Elevasi : 63 m  
 Koordinat : 116<sup>0</sup> 11' 36.04" BT. 08<sup>0</sup> 45' 9.73" LS.  
 No. Register : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	93	98	93	93	93	98	93	97	93	97	98	92
2	98	92	98	97	98	92	97	92	98	93	96	91
3	92	93	93	93	92	97	92	97	92	98	94	96
4	97	98	98	93	98	92	98	98	93	93	96	95
5	92	92	92	97	93	92	93	98	97	97	98	90
6	97	97	98	93	97	93	97	93	92	98	98	99
7	93	93	92	98	93	97	92	98	97	93	96	99
8	58	98	97	93	98	93	91	99	92	97	95	99
9	93	91	92	98	97	98	97	92	93	92	90	91
10	97	98	92	93	98	93	92	98	98	93	79	99
11	92	92	98	98	93	97	98	92	92	97	94	99
12	93	98	92	98	97	92	93	97	98	92	97	99
13	98	93	98	93	92	91	97	92	93	93	99	96
14	92	97	93	98	98	97	93	98	97	88	94	99
15	97	93	92	92	93	98	97	93	93	98	99	92
16	92	98	92	98	98	97	98	98	97	94	99	99
17	97	92	97	98	92	93	92	93	92	81	94	99
18	93	98	93	92	93	97	97	97	93	94	91	94
19	98	93	98	92	98	97	97	98	137	97.1	92	99
20	92	98	93	92	93	90	92	93	92	97.1	91	94
21	93	92	98	98	97	98	98	98	92	93	97	97
22	97	98	92	97	92	97	93	92	97	97	99	98
23	93	92	98	93	98	92	97	100	93	94	99	92
24	98	97	97	98	93	93	93	97	92	97	99	93
25	93	92	93	93	92	98	97	92	93	82	97	99
26	97	98	98	98	98	93	92	97	97	82	99	99
27	92	93	93	93	92	97	98	93	92	92	93	99
28	98	98	99	97	93	98	93	97	97	94	90	99
29	92		92	92	97	93	98	93	92	81	92	98
30	93		98	92	93	97	92	98	98	90	94	98
31	92		92		98		97	97		90		94
<b>RERATA</b>	93.29	95.07	94.87	95.00	95.06	95.00	94.97	95.71	95.73	92.72	94.97	96.35
<b>MAX</b>	98.00	98.00	99.00	98.00	98.00	98.00	98.00	100.00	137.00	98.00	99.00	99.00
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	92.13	94.87	94.53	95.13	95.33	94.67	94.67	95.60	94.53	94.60	94.87	95.73
<b>Jumlah SB. II</b>	94.38	95.31	95.19	94.87	94.81	95.33	95.25	95.81	96.93	90.95	95.07	96.94

Sumber : Bisda Prov. NTB

Keterangan :

( X ) : Alat rusak

( \* ) : Data diragukan

## DATA KECEPATAN ANGIN

(Dalam km/hari)

Nama Pos : Pengga  
 Jenis Alat : CR  
 Tahun : 2015  
 DAS : Dodokan

Des./Kec./Kab. : Pelambik/ Praya Barat Daya / Loteng  
 Elevasi : 63 m  
 Koordinat : 116° 11' 36.04" BT. 08° 45' 9.73" LS.  
 No. Register : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	9.3	13.5	27	3	12.4	21.3	14.6	2	50.2	50.2	87	34.4
2	46	23.4	40.6	3.2	11.2	16.3	23.9	21.3	61.3	61.3	87.2	69
3	33.7	31.7	17.3	5.3	6.2	30.3	22.7	16.3	32.4	32.4	68.2	53.7
4	36.5	31.3	46.2	4.2	16.4	26.9	28.3	20	66.6	66.6	36.2	36.7
5	37.6	18.8	48	4.4	6.6	27.2	16.7	24.2	43.9	43.9	50.8	21.7
6	43.4	17.7	47.9	6.4	5.9	11.7	41.8	20.3	63.3	63.3	66.7	18.9
7	61.1	15.2	21.3	1.9	6.8	32.5	38.1	19.4	71	71	58.9	20.4
8	69.7	9.4	51	1.5	5.5	25.9	36.5	19.8	53.3	53.3	72.8	27
9	97	26.9	64.5	1.1	6.5	30.2	28.4	30.9	50.5	50.5	40	23.6
10	42.3	14.7	45.4	5.8	4.4	15.3	6.9	14.5	62.3	62.3	49.8	29.5
11	29.1	32.2	47.2	2.2	5.6	23	32.3	46.3	56.6	56.6	71	13
12	22.5	16.3	37	3.6	9.7	19.8	6.1	33.9	59.7	59.7	72.5	18.1
13	29.8	14.8	13.3	7.6	11.8	20.1	31.4	10.6	70.7	70.7	78.5	15
14	26.5	3.9	16.9	6.5	14.5	20	19.9	13.6	91	91	93.4	12.6
15	17.1	13.5	5.1	5	14	14.7	31.1	30.3	67	67	69.1	29.9
16	13.3	17.4	11.2	8.5	14	23.2	59.6	19.1	78.6	78.6	75	27.2
17	63.4	15.1	23.9	6.9	13.3	13.3	26.3	32.3	76.2	76.2	105.9	64.2
18	26.2	1.6	35.7	9.4	14.7	0.2	9.2	31.8	68.4	68.4	0	62
19	25	38	21.5	11.9	8.4	0.3	0.4	16.1	76	76	83.9	43.1
20	22.6	30	3.7	27.8	12.7	0.2	0	18.3	68.3	68.3	50.8	90.5
21	28.5	20.5	4.2	38.5	4.5	20.8	0	21.7	65.5	65.5	42.3	31.4
22	18.5	49.9	2	35.4	5.7	30.6	0.2	18.9	62.2	62.2	67.9	31.5
23	17.6	33	2.6	22.6	11.4	19.7	17.2	34.1	67.8	67.8	59.3	59.4
24	20.4	43.3	7.1	11.4	13.1	0.3	13.6	29.6	57.9	57.9	40.5	65.2
25	29.5	28.2	16.3	14.5	11.6	0.2	13.8	16.3	67.6	67.6	28.1	45.2
26	28.5	42.4	3.6	24	18.3	25.1	28.5	6.6	86.1	86.1	40	45.6
27	17.6	22.5	13.3	13.9	20.6	31.2	12.3	6.3	80.2	80.2	43.3	40.6
28	27.9	25.8	18.3	7.8	22.1	38.5	27.4	37	37.2	37.2	41.8	43.2
29	35.1		11	21.1	22.8	28.9	5.5	31.4	137.1	137.1	66.6	39.4
30	3.9		4.6	21	5.1	19.6	0	3.4	81.8	81.8	23.9	21.8
31	7.8		3.8		31.2		0	41.6		68.1		21.8
<b>RERATA</b>	31.85	23.25	22.95	11.21	11.84	19.58	19.12	22.19	67.02	67.06	59.05	37.28
<b>MAX</b>	97.00	49.90	64.50	38.50	31.20	38.50	59.60	46.30	137.10	137.10	105.90	90.50
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	40.11	18.89	35.25	4.11	9.17	22.35	25.25	21.56	59.99	59.99	66.81	28.23
<b>Jumlah SB. II</b>	24.11	28.28	11.43	18.31	14.34	16.81	13.38	22.78	74.06	73.69	51.29	45.76

Sumber : Bisda Prov. NTB

Keterangan :

( X ) : Alat rusak

( \* ) : Data diragukan

## DATA KECEPATAN ANGIN

(Dalam km/hari)

**Nama Pos** : Pengga  
**Jenis Alat** : CR  
**Tahun** : 2016  
**DAS** : Dodokan  
**Des./Kec./Kab.** : Pelambik/ Praya Barat Daya / Loteng  
**Elevasi** : 63 m  
**Koordinat** : 116<sup>o</sup> 11' 36.04" BT. 08<sup>o</sup> 45' 9.73" LS.  
**No. Register** : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	36.9	60.3	20.7	2.1	2	26.9	4.3	9.4	13.7	19.6	19.6	17.9
2	23.9	59.3	15.6	43	7.7	16.2	10.8	64.8	26.2	23.4	23.4	43.1
3	33.4	45.8	17.8	16.5	13.1	13.7	8.1	26.8	29.5	14.9	14.9	33.5
4	25.8	23.5	16.8	4	5.6	7.7	11.9	44	44	17.5	17.5	25.9
5	30.2	34.7	32.8	22.9	6.9	48.7	13.6	16.2	32.1	24.2	24.2	19.6
6	27.3	19	16.3	21.7	14.4	10.3	11.7	16.9	36.2	20.8	20.8	37.9
7	32.7	21.7	29.8	19.3	38.9	3	13.7	26.9	32.2	13	13	25.7
8	42.2	6.9	28.5	14.3	26.7	10.6	29.2	35.7	38.9	18	18	15.8
9	34.4	5.8	20.1	14.4	19.3	19.2	22.5	37.3	42.3	26	26	30.9
10	21.2	23.6	9.4	18.1	38.1	24.8	16.3	28.5	53.1	17.4	17.4	21.5
11	20.9	42.6	12.9	12.7	2.4	27.2	43.1	42.2	45.6	22.5	22.5	29.1
12	24.6	28.4	26.2	20	17.1	21.3	30.9	45	16.8	39.4	39.4	17.3
13	21.2	37.7	54.4	18.4	13.4	18.2	14.8	34.4	30	24.7	24.7	32.8
14	12.9	22.6	17.7	15.3	32.4	20.6	25.2	16.9	21.1	22.2	22.2	28.2
15	15.1	21.5	34.8	7.6	41.2	15	19	61.3	25.7	27.4	27.4	19.6
16	22.5	18.5	25.6	20.6	32.1	12.7	10.2	34.7	35.1	36.2	36.2	21.1
17	20.9	24	17.2	36	21.1	16.3	31.9	36.1	28.4	32.2	32.2	38.1
18	31.5	41.2	35.8	23.9	21.9	9.6	23.6	30.8	31.1	20.5	20.5	24.8
19	17.2	39.3	25.2	9.6	22	21.4	12.4	22	38.7	25.1	25.1	19
20	44.9	27	26.8	18.8	25.2	10	19.3	65.1	33.7	21.3	21.3	12
21	3.7	24.9	19.7	15.8	14.5	13.7	27.3	32	19.1	10.2	10.2	25.3
22	23.4	22.7	22.3	18.3	8.2	34.3	12.3	36.1	22.9	17.5	17.5	20.8
23	65.1	15.5	1.7	19.1	65.6	29.2	16.5	34.4	35.7	9.3	9.3	33.9
24	62.3	22.2	59.2	6.9	44.7	22.3	18.4	31.5	33.3	30.2	30.2	27.7
25	47.5	27.1	8	9.6	30.3	11.4	19.4	36.6	24.8	17.1	17.1	30.1
26	22.7	13.7	28	19.5	36.3	16.2	16.9	34.2	29	20.5	20.5	17.3
27	100	39.8	31.2	19.1	14.3	19	5.2	22.9	18.8	14.4	14.4	20.8
28	100.7	15.4	22.9	13.7	23.8	40.9	28	39.8	17.3	25.6	25.6	23.1
29	59.8		12.3	18.8	26.2	16.2	17.6	54.8	12.9	11.1	11.1	29.2
30	64.9		13.6	8.1	11.5	6.7	14.7	31.1	14.9	31.4	31.4	21.8
31	89.9		20.2		21.9		4.6	133.8		27.4		24.1
<b>RERATA</b>	38.05	28.03	23.34	16.94	22.54	18.78	17.85	38.14	29.44	21.97	21.08	25.42
<b>MAX</b>	100.70	60.30	59.20	43.00	65.60	48.70	43.10	133.80	53.10	39.40	39.40	43.10
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	26.85	30.23	23.59	16.69	18.61	18.89	18.34	33.75	32.49	22.07	22.07	26.59
<b>Jumlah SB. II</b>	48.56	25.48	23.11	17.19	26.23	18.66	17.39	42.24	26.38	21.88	20.16	24.32

Sumber : Bisda Prov. NTB

Keterangan :

( X ) : Alat rusak

( \* ) : Data diragukan



## DATA KECEPATAN ANGIN

(Dalam km/hari)

Nama Pos : Pengga  
 Jenis Alat : CR  
 Tahun : 2017  
 DAS : Dodokan

Des./Kec./Kab. : Pelambik/ Praya Barat Daya / Loteng  
 Elevasi : 63 m  
 Koordinat : 116° 11' 36.04" BT. 08° 45' 9.73" LS.  
 No. Register : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	11.9	2.2	29.6	6.6	41.6	10.6	50.9	66.4	56.1	60	30.1	25.9
2	8.2	2.8	20.5	8.8	19.6	29.1	68.2	85.8	69	86.5	38.2	35.4
3	16.2	3.2	24	7.7	32.5	11.1	42.9	76.7	81.2	91.5	32.9	25.1
4	29.8	22.2	28.7	20	27.1	19.2	55.8	66	75.7	76	52.8	37.7
5	14.8	18.9	29.3	42.7	29.3	16.6	51.2	55.7	65.1	54	33.9	48.1
6	15	39.4	55.6	42.3	25.7	9.2	73.7	57.9	58	80.5	47.4	25.7
7	21.2	49.5	42.4	57.4	25.8	25.2	36.2	67.3	49.9	31.3	44.2	16.4
8	10.3	24.2	37.3	46.8	33.1	8.7	66.1	35.1	78.2	71.8	19.7	37.7
9	4.7	20.3	22.5	61.8	22.2	15.2	76.2	54.6	66.5	66.6	44.2	39.1
10	12.7	12.5	24.8	20.3	28.1	9.8	38.6	51	65.2	74.2	15.2	24.1
11	9.6	6.9	20.8	49.1	17.1	25.9	65.3	54.9	63.3	44.5	38.4	35.1
12	1.7	0.3	13.2	19.2	21.7	8.1	48.7	111.8	71.3	96.9	55.2	28.6
13	10.2	10.5	8.1	28	26.8	17.3	61.5	58.8	76.7	68.2	37.1	27.5
14	8.6	4.6	20.5	26.5	36.2	25	75.6	42.2	58.5	61.2	53.7	19.1
15	9.1	8.8	19.7	17.3	43.8	8.8	54.8	49.1	58	41.6	25.9	35.3
16	9.3	7.1	23.5	17.3	4.6	19.4	52.1	55.6	73.1	71.4	28.3	24.8
17	3.5	6.1	28	13.6	25.6	10.6	56.4	46	75.3	58.2	38.3	20.5
18	1.9	6	33.1	23.1	14.2	19.9	55.6	58.2	67.9	60.7	22.8	22.8
19	5.1	0.4	53.1	26.3	29.6	7.3	53.7	50.4	69.8	39.4	40.6	32.5
20	7.5	0.2	55.4	15.9	16.4	13	64.4	62.1	69.3	95.7	44.4	23.6
21	10.6	0.1	38.5	14.5	22.6	23.7	77.4	57	61.1	68.2	26.8	21.3
22	7.2	1.4	9.6	12.6	17.5	17.1	58.7	12.9	76.6	48.2	19.3	19.2
23	27	0.5	34.1	7.3	24.5	12.8	69.9	12	84.4	41.1	34.6	26.6
24	2.8	0.6	29.5	5.3	19.4	18.1	67.5	154	79.1	54.7	28.9	29.2
25	9.8	5.7	42.2	8.2	28.8	12.1	46.8	60.2	72.1	55.2	35.2	16.7
26	17.2	2.4	13.5	10.8	21.2	16.2	60.7	64.5	82	61	47.3	18.8
27	4.3	14.6	24.1	17.4	20.8	23.6	49.8	73.3	74.9	58.2	20.4	23.3
28	5.8	28.6	31.9	8.8	14.8	17.4	59.6	79.8	80.9	51.4	42.4	32.2
29	4.6	3.0	26	14.4	22.1	13.4	86.5	78.2	94.8	63.2	45.2	17.8
30	4.8		29.6	24.8	24.1	61.4	54.9	52.9	92	36.4	29.7	26.1
31	5.5		15.5		18.2		56.2	50.3		30.4		29.1
<b>RERATA</b>	10.03	10.45	28.54	22.49	24.35	17.53	59.22	61.31	71.53	61.23	35.77	27.27
<b>MAX</b>	29.80	49.50	55.60	61.80	43.80	61.40	86.50	154.00	94.80	96.90	55.20	48.10
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	12.27	15.09	26.47	30.30	28.71	15.99	57.71	62.22	66.18	66.99	37.93	30.72
<b>Jumlah SB. II</b>	7.93	5.48	30.48	14.69	20.28	19.07	60.64	60.46	76.89	55.84	33.61	24.03

Sumber : Bisda Prov. NTB

Keterangan :

( X ) : Alat rusak

( \* ) : Data diragukan

## DATA KECEPATAN ANGIN

(Dalam km/hari)

Nama Pos : Pengga  
 Jenis Alat : CR  
 Tahun : 2018  
 DAS : Dodokan

Des./Kec./Kab. : Pelambik/ Praya Barat Daya / Loteng  
 Elevasi : 63 m  
 Koordinat : 116° 11' 36.04" BT. 08° 45' 9.73" LS.  
 No. Register : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	14.1	33.9	55	23.6	57.4	54.4	65.8	60.9	56.3	57.6	65	61.2
2	27.5	35.2	75.3	28.5	39.1	32.4	53.3	52.1	41.4	51.5	17.4	53.7
3	20.2	36.8	39.4	37.9	33.7	71.4	72.1	83	44.2	58.4	107.8	76.8
4	35	28.2	58.6	45.3	28.1	42	53.8	53.1	34.7	80.3	64.2	69.1
5	20.8	36.7	27.7	24.5	36.4	52.6	58.4	50.4	44.5	64.8	45.4	66.5
6	15.9	24.5	39.3	21	31.1	36.6	48.8	61.1	45.1	46.4	69.9	68.7
7	19.3	20.2	22.6	15.7	23.4	67.5	59.3	53.3	49.3	49.2	48.6	62.4
8	32.2	19.4	35.5	25	51.7	35.1	61.3	81.7	44.8	60.4	82.8	55.8
9	38.1	45.3	49.5	31.9	38.8	29.3	50.9	65.7	1.3	67.4	63.5	63.3
10	39.6	20.7	46.6	14.8	68.8	49.6	77.4	46.6	90.8	61.6	47.8	50.3
11	45.9	34.9	27.8	18.6	68.5	36.9	55.1	80.2	44.3	58.2	82.7	63.2
12	25	36.5	61.3	29.6	16.7	52.6	49.9	61.1	35.2	67.4	55.9	66.3
13	18.8	37.6	23.8	34.9	92.4	37.6	55.8	56.7	32.3	53.8	62.2	60.9
14	45.3	25.6	15.1	37.4	67.1	36.2	57	78.4	51.9	83.8	75.4	67.6
15	19.2	45.5	20.7	27.8	52.5	32.4	53.2	61.3	34.4	61.8	61.3	66.2
16	16.6	25.9	21.2	19.6	63.1	35.3	53.1	61.5	27.6	59.4	65.1	58.9
17	19.6	9.5	26.4	23.8	95.4	36.6	74.2	61.1	33.5	57.2	83.2	77.9
18	44.7	20.4	27.5	24.1	56.6	35.5	63.1	47.7	47.8	49.9	66.8	73.2
19	36	44.5	13.1	23.4	53.9	25.8	48.3	59	40.8	80.7	43.1	56.2
20	28.2	24.6	29.9	20.9	56.6	54.6	85.4	52.2	61.4	86.8	93.3	56.7
21	46.6	29.5	63.8	12.1	126.3	23.5	50.8	65.4	50.9	123.8	62.6	65.6
22	23.5	35.5	22.8	10.3	69.7	27.9	62.9	57.6	40.6	7.4	43.9	60.3
23	19.5	25.6	41.4	24.1	65.1	26.2	79.4	53.9	51.9	19.4	83.2	83.4
24	47.4	19.2	29.2	24.4	47.4	26.9	66.1	81.8	45.7	11.9	62.4	62.7
25	23.8	18.6	35.6	35.3	34.9	36.3	45.6	49.5	35.9	156.9	52.2	68.4
26	40.4	46.5	25.9	40.2	69.9	25.3	63.6	63.8	38.5	80.8	74.8	62.5
27	31.4	15.3	33.5	62	56.5	31.5	54.3	46.4	36.1	44.2	57.9	48.7
28	22.9	65.5	50.7	16.5	38.6	29	82.5	49.4	41.7	60.8	62.7	60.9
29	36.5		27.1	44.2	68.1	30.9	53.5	68.1	31.1	51.2	54.4	71.5
30	44.8		27.2	47.8	72.3	67.1	67.6	42.1	40.4	11.4	48.7	51.8
31	28.9		37.8		27.9		83.4	57.8		33.2		47.3
<b>RERATA</b>	29.93	30.77	35.85	28.17	55.10	39.30	61.48	60.09	42.48	59.92	63.47	63.16
<b>MAX</b>	47.40	65.50	75.30	62.00	126.30	71.40	85.40	83.00	90.80	156.90	107.80	83.40
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	27.79	32.07	39.88	27.77	47.05	44.44	58.14	63.04	43.37	61.51	63.33	63.47
<b>Jumlah SB. II</b>	31.93	29.28	32.07	28.58	62.64	34.16	64.61	57.33	41.59	58.44	63.62	62.88

Sumber : Bisda Prov. NTB

Keterangan :

( X ) : Alat rusak

( \* ) : Data diragukan

## DATA KECEPATAN ANGIN

(Dalam km/hari)

Nama Pos : Pengga  
 Jenis Alat : CR  
 Tahun : 2019  
 DAS : Dodokan

Des./Kec./Kab. : Pelambik/ Praya Barat Daya / Loteng  
 Elevasi : 63 m  
 Koordinat : 116° 11' 36.04" BT. 08° 45' 9.73" LS.  
 No. Register : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	38.5	7.3	56.8	58.4	51.9	35.6	55.4	17.9	54.5	2	300.8	87.7
2	43.3	68.5	74.5	56.4	37.3	43.6	28.4	53.4	24.6	103	105.5	70.6
3	42.1	67.7	70.9	37.7	43.7	45.5	42.8	26.2	20.6	39	101.2	100.7
4	43.1	57.5	44.5	76.6	42.9	37.9	38.5	19.4	46.2	46	172.1	62.2
5	47.3	72.1	78.9	35.2	48.2	54.4	44.2	63.2	45.9	41	50.1	40.8
6	41.9	73.8	64.6	54.5	42.9	37.8	55.5	37.5	35.3	49	197.7	14.5
7	54.7	72.3	58.4	63.1	66.1	52.7	45.6	51.4	29	56	117.4	73.6
8	53.4	72.7	63.1	45.7	45.3	39.1	45.2	38.8	45.2	26	62.2	81.1
9	34.2	75.2	57.2	65.3	43.9	62.1	46.1	63.1	53.5	31	50.4	47.3
10	51.5	70.9	77.4	42.4	57.7	27.2	55.4	37.1	35.3	47	122.5	93.6
11	50.7	69	51.5	47.1	7.1	53.1	35.1	53.8	25.4	x	135.6	81.8
12	60.6	95.9	59.4	41.5	53.7	35.6	54.2	34.3	51.5	x	74.5	37
13	59.8	79.5	63.6	46.7	52.5	55.3	47.9	56.5	33.9	75	61.2	38.8
14	56.7	61.1	50.8	48.3	38.6	47.5	51.6	44.2	44.8	58	99.5	33.7
15	55.2	74.6	76.1	65.2	45.6	34.7	37.5	56.3	36.4	141	118	42.3
16	45.9	71.2	43.1	32.9	51.1	50.5	42.8	38.1	33.8	88	105.8	54.4
17	57.5	62.6	59.3	52.4	38.5	41.8	38.1	37.7	47.5	99	106.5	44.6
18	53.6	57.9	59.1	30.5	56.3	54.5	46.4	41.2	51.9	10	98.9	46.2
19	62.4	54.4	49.1	37.2	36.7	34.8	55.4	36.3	56.5	90	82.2	44.1
20	80.4	59.7	58.5	22.2	43.9	55.5	46.7	56.4	54.2	120	118.3	40.8
21	44.4	53.5	52.7	71.7	44.9	36.8	42.6	35.7	38.1	130	97.8	49.1
22	62.3	55.6	57.6	52.5	37.1	29.7	46.7	43.9	34.9	140	95.6	33.6
23	52.4	64.8	66.2	35.6	46.1	61.8	53.7	37.4	53.9	91	110.7	30.3
24	55.1	51.8	44.3	53	35.4	35.7	37.6	37.1	38.4	108	65.6	44.7
25	73.7	51.5	63.5	36.3	53.9	53.4	53.3	54.4	43.8	97	125.4	41.7
26	62.6	50.8	47.5	50.1	46.4	35.4	37.5	46.2	35.4	76	72.8	38.5
27	60.5	41.6	57.6	44.4	65.6	54.7	42.1	45.3	31.4	83	86.5	29.8
28	54.4	57.8	64.6	49	43.9	36	48.4	36.3	43.9	9	87.4	58.2
29	50.7		56.8	42.7	56.8	66.3	35.8	51.9	35.6	234	82.9	30.4
30	72.1		59.6	56.5	34.4	43.3	4.9	37.5	29.7	98	63.4	35.3
31	117.9		51.5		55.9		78.9	27.5		23		282
<b>RERATA</b>	56.09	62.55	59.31	48.37	45.95	45.08	44.98	42.45	40.37	76.21	105.62	58.37
<b>MAX</b>	117.90	95.90	78.90	76.60	66.10	66.30	78.90	63.20	56.50	234.00	300.80	282.00
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	48.87	67.87	63.18	52.27	45.16	44.14	45.56	43.54	38.81	54.92	117.91	60.38
<b>Jumlah SB. II</b>	62.87	56.40	55.69	44.47	46.68	46.01	44.43	41.43	41.93	93.50	93.32	56.48

Sumber : Bisda Prov. NTB

Keterangan :

( X ) : Alat rusak

( \* ) : Data diragukan

## DATA PENYINARAN MATAHARI

(Dalam Persen)

**Nama Pos** : Pengga  
**Jenis Alat** : CR  
**Tahun** : 2015  
**DAS** : Dodokan  
**Des./Kec./Kab.** : Pelambik/ Praya Barat Daya / Loteng  
**Elevasi** : 63 m  
**Koordinat** : 116<sup>o</sup> 11' 36.04" BT. 08<sup>o</sup> 45' 9.73" LS.  
**No. Register** : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	72.8	68.3	60.1	70.8	26.4	73	82.2	70.6	79.5	59.6	81.6	80.2
2	4	78.9	76.5	0	44.8	70	79.5	76.7	65.7	66.1	77.6	68.1
3	68.8	76.5	28.8	55.8	40	84	82.2	83.7	79.5	52.2	83.3	52.7
4	6.5	78.9	66.7	53.3	53.6	89	78.7	61	74.3	65.3	60.4	25.9
5	63.9	78.1	50.2	55	50.4	86	76.9	68.9	78.7	78.4	18	36.5
6	68	66.7	8.2	32.5	77.7	92	82.2	64.5	64.8	75.1	47.3	32.4
7	45.3	46.4	-	1.7	66.5	74	81.3	60.2	78.7	49.8	72.7	43.8
8	67.2	35	20.6	72.4	79.3	84	81.3	50.6	85.6	71.8	66.9	51.1
9	75.2	69.2	78.2	57.5	61.6	79	45.5	65.4	76.9	76.7	63.7	30
10	13.8	57.8	20.6	63.3	55.2	90	69.9	57.5	83.8	69.4	38.4	36.5
11	63.1	40.7	25.5	42.5	78.5	91	52.4	81.1	82.1	71	59.6	39.7
12	21.8	30.1	1.6	62.4	79.3	79	77.8	65.4	86	74.3	66.1	32.4
13	52.6	39.9	7.4	25	76.9	93	47.2	67	73	75.9	79.2	56.7
14	24.3	-	37.9	30	79.3	94	81.3	48.8	77	71.8	85.7	11.3
15	19.4	76.5	40.3	56.6	76.1	87	58.6	81.1	81	83.3	86.5	24.3
16	50.2	70	54.3	56.6	77.7	86	51.6	61.9	83	80	79.2	29.2
17	56	39	67	46.8	79.5	92	60.4	79	81	83.8	67.6	45.4
18	21.9	59.3	57.1	48.5	77.8	90	70.1	84.2	82	75.6	41.5	20.3
19	35.7	63.4	70.3	29.5	73	90	73.6	78.1	49	86.3	66.8	47
20	24.3	22.8	79.4	66.7	77.8	69	50.8	83.3	78	86.3	86.3	36.5
21	47	17.1	55.4	20.8	74.8	89	71.8	80.7	82	65.7	81.4	56.7
22	41.4	72.4	40.5	66.7	65.8	93	71.8	75.5	83	83.8	66	60.8
23	30.8	17.9	51.3	71.9	65.8	93	56.9	82.5	83	85.5	80.6	76.2
24	71.4	35.8	49.6	41.6	54.6	45	61.3	72.9	86	82.2	83.1	55.1
25	43	61.8	54.6	28.6	44.1	90	78.8	85.9	82	79.7	66	29.2
26	63.3	69.9	59.6	11.3	72.2	93	65.7	74.7	80	92.2	44.8	71.3
27	56	39	62	43.3	73.8	91	82.3	72	66	76.4	66	65.6
28	29.2	52.8	57.1	58.1	74.6	92	78.8	85.9	78	80.5	49.7	77.8
29	64.9	(X)	46.3	-	64.2	74	77.1	80.7	69	80.5	73.3	80.2
30	43	(X)	49.6	58.9	58.6	92	76.2	79	71	86.3	82.2	52.7
31	40.6	(X)	57.9	0.0	73	0.0	81.4	85.9	0.0	83.8	0.0	58.3
<b>RERATA</b>	44.69	54.23	47.82	44.27	66.22	82.06	70.50	73.05	74.83	75.78	65.21	47.87
<b>MAX</b>	75.20	78.90	79.40	72.40	79.50	94.00	82.30	85.90	86.00	92.20	86.50	80.20
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	44.45	60.21	37.33	45.25	63.04	84.33	71.80	66.83	77.77	69.38	65.80	41.44
<b>Jumlah SB. II</b>	44.92	47.78	57.00	43.29	69.21	79.94	69.29	78.89	72.06	81.79	64.66	53.89

Sumber : Bisda Prov. NTB

Keterangan :

- ( X ) : Alat rusak
- ( \* ) : Data diragukan

## DATA PENYINARAN MATAHARI

(Dalam Persen)

**Nama Pos** : Pengga  
**Jenis Alat** : CR  
**Tahun** : 2016  
**DAS** : Dodokan  
**Des./Kec./Kab.** : Pelambik/ Praya Barat Daya / Loteng  
**Elevasi** : 63 m  
**Koordinat** : 116° 11' 36.04" BT. 08° 45' 9.73" LS.  
**No. Register** : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	70.5	32.1	29.9	66.6	40.2	78.8	78.5	75.7	81.4	51.5	66.8	25.2
2	22.7	11	15.4	52	53.9	60.8	81.9	75.7	82.2	80	53.9	22.7
3	69.6	0	64	8.5	56.5	53.1	0	0	0	80	73.6	74.7
4	66.3	34.6	70.8	46.9	53.1	71.1	14.5	65.5	51.7	80	58.2	69.6
5	51.2	30.4	51.2	58.9	76.2	53.9	12.8	42.5	77.1	80	73.6	75.5
6	68	44.8	67.4	46.9	60.8	80.5	46.9	49.3	81.4	80	40.2	46.1
7	78	67.6	60.6	59.7	70.2	56.5	41.8	59.5	85.6	80	61.6	26
8	83.1	34.6	46.1	37.5	38.5	47.9	40.1	81.6	80.5	80	83.9	30.2
9	70.5	39.7	47.8	47.8	46.2	66.8	43.5	78.2	79.7	80	18	52
10	61.2	27	45.2	73.4	72.8	68.5	44.4	35.7	63.6	60	45.4	43.6
11	58.7	20.3	52.9	55.5	59.1	77.1	34.1	23	81.4	80	62.5	62.9
12	60.4	10.1	44.4	45.2	59.1	57.4	25.6	76.5	61.9	80	51.4	73.8
13	68	13.5	46.1	40.1	72.8	77.9	74.2	45.1	72.9	40	0	40.3
14	52.9	10.1	71.7	52.9	70.2	64.2	34.1	48.5	39	50	30	40.3
15	65.4	0	75.9	44.4	80.5	39.4	73.4	62.9	0	80	71.9	22.7
16	64.6	70.9	76.8	70.8	75.3	56.5	70.8	78.2	41.5	80	52.2	15.1
17	37.8	49	49.5	5.1	55.7	60.8	42.7	82.5	31.4	80	53.9	30.2
18	61.2	77.7	80.2	77.6	80.5	76.2	71.7	81.6	60.2	70	72.8	32.7
19	74.7	43.1	67.4	64	71.9	75.3	78.5	79.1	41.5	70	74.5	17.6
20	44.5	83.6	78.5	38.4	62.5	79.6	88.7	79.1	67.8	80	64.2	36.1
21	58.7	63.3	65.7	59.7	59.9	78.8	88.7	60.4	61	80	8.6	48.7
22	48.7	49.8	77.6	59.7	76.2	60.8	78.5	80.8	42.4	80	17.1	43.6
23	44.5	49	50.3	29	79.6	28.3	75.1	69.7	57.6	80	59.1	65.4
24	56.2	53.2	69.1	69.5	82.2	8.6	77.6	88.4	44.1	70	53.9	68
25	56.2	21.1	45.2	66.6	81.3	65.1	78.5	66.3	33.9	80	60.8	52
26	12.6	60	50.3	58	56.5	53.9	9.4	58.7	46.6	80	50.5	68
27	36.1	43.9	66.6	79.4	65.1	45.4	62.3	79.9	65.3	80	42	70.5
28	24.3	44.8	33.3	75.9	45.4	45.4	70.8	36.6	44.9	80	46.2	63.8
29	43.6		66.6	52.9	77.9	60.8	0	0	0	80	32.5	62.9
30	61.2		44.4	56.3	67.6	59.9	72.5	75.7	43.2	80	17.1	59.6
31	47.8		62.3		60.8		76.8	59.5		80		37.8
<b>RERATA</b>	55.46	38.76	57.20	53.31	64.79	60.31	54.46	61.17	53.99	75.21	48.27	47.66
<b>MAX</b>	83.10	83.60	80.20	79.40	82.20	80.50	88.70	88.40	85.60	80.00	83.90	75.50
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	63.10	25.05	52.63	49.09	60.67	63.59	43.05	54.65	62.56	72.10	52.73	47.04
<b>Jumlah SB. II</b>	48.29	54.57	61.49	57.53	68.65	57.03	65.16	67.28	45.43	78.13	44.09	48.25

Sumber : Bisda Prov. NTB

Keterangan :

- ( X ) : Alat rusak
- ( \* ) : Data diragukan

## DATA PENYINARAN MATAHARI

(Dalam Persen)

**Nama Pos** : Pengga  
**Jenis Alat** : CR  
**Tahun** : 2017  
**DAS** : Dodokan

**Des./Kec./Kab.** : Pelambik/ Praya Barat Daya / Loteng  
**Elevasi** : 63 m  
**Koordinat** : 116° 11' 36.04" BT. 08° 45' 9.73" LS.  
**No. Register** : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	39.4	70.9	81.1	69.1	74.5	79.6	64	59.5	6.3	80.2	58.2	48.7
2	67.1	63.3	38.4	68.3	62.5	77.1	12.8	82.5	5.8	80.2	37.7	22.7
3	62.9	70.9	68.3	70.8	53.9	66.8	50.3	79.1	7.9	73.5	37.7	73
4	60.4	70.1	55.5	68.3	72.8	71.9	EX	69.7	7.4	78.5	56.5	59.6
5	36.9	62.5	66.6	25.6	71.1	79.6	67.4	79.9	7.3	78.5	62.5	24.3
6	67.1	11	74.2	64	66.8	78.8	78.5	79.9	5.2	73.5	53.1	42.8
7	65.4	55.7	59.7	33.3	78.8	72.8	72.5	61.2	2.4	54.9	16.3	22.7
8	69.6	43.9	67.4	52	77.9	76.2	52.9	68.9	4.5	77.7	53.9	51.2
9	51.2	12.7	59.7	81.9	68.5	55.7	77.6	80.8	7	79.4	58.2	21.8
10	31.9	33.8	58.9	80.2	77.9	67.6	61.4	83.3	7.3	55.7	31.7	52.9
11	55.4	28.7	58	82.8	71.9	77.1	72.5	77.4	7.8	76	52.2	27.7
12	42.8	11	43.5	77.6	73.6	62.5	46.9	78.2	7.8	61.7	31.7	0
13	21	56.6	29.9	58.9	73.6	77.9	79.4	81.6	7.6	76.9	3.4	26.8
14	54.5	75.2	41.8	58.9	62.5	74.5	16.2	80.8	7.3	55.7	59.9	45.3
15	17.6	49.8	29	83.6	64.2	42.8	45.2	83.3	5.1	45.6	65.1	80.5
16	67.1	45.6	54.6	84.5	66.8	79.6	62.3	80.8	7	71.8	37.7	54.5
17	52.9	46.5	19.6	70	78.8	65.9	12.8	83.3	7.5	76.9	44.5	60.4
18	57.9	70.1	49.5	66.6	65.1	81.3	46.9	85	7.4	80.2	60.8	67.1
19	54.5	44.8	46.9	42.7	66.8	53.9	67.4	84.2	7.8	78.5	53.9	51.2
20	9.2	47.3	46.1	83.6	78.8	60.8	76.8	76.5	7.1	69.3	59.1	70.5
21	3.4	16	27.3	22.2	71.9	78.8	52	77.4	5.3	77.7	46.2	52.9
22	37.8	7.6	6.8	64	79.6	1.7	29	0	6.3	21.1	54.8	31
23	41.9	77.7	53.8	56.3	77.9	38.5	66.6	60.4	3.7	16.9	59.1	56.2
24	36.1	65	25.6	70.8	65.1	31.7	59.7	69.7	7.2	59.1	51.4	56.2
25	52	37.2	33.3	81.1	79.6	47.1	58	67.2	7.2	81.1	55.7	60.4
26	38.6	44.8	11.1	72.5	66.8	78.8	77.6	72.3	4.7	44.8	47.9	53.7
27	7.6	32.1	2.6	75.1	31.7	77.9	63.1	63.8	6.6	33.8	53.9	25.2
28	53.7	52.4	76.8	66.6	30	29.1	29	73.1	7.5	29.6	48.8	0
29	17.6	22.2	67.4	11.9	52.2	64.2	60.6	62.1	6.9	45.6	44.5	15.1
30	11.7	22.2	40.1	75.9	47.1	55.7	65.7	63.8	7.1	29.6	45.4	31
31	11.7	22.2	56.3	55.7	55.7	67.4	65.5	65.5	35.5	35.5	35.5	0
<b>RERATA</b>	41.84	45.78	46.77	63.97	66.59	63.53	56.42	71.97	6.53	61.27	48.06	41.46
<b>MAX</b>	69.60	77.70	81.10	84.50	79.60	81.30	79.40	85.00	7.90	81.10	65.10	80.50
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	49.55	47.74	55.47	65.02	70.03	70.73	56.97	76.41	6.45	69.87	45.21	40.00
<b>Jumlah SB. II</b>	34.61	43.67	38.61	62.92	63.37	56.33	55.93	67.82	6.62	53.22	50.91	42.84

Sumber : Bisda Prov. NTB

Keterangan :

- ( X ) : Alat rusak
- ( \* ) : Data diragukan

## DATA PENYINARAN MATAHARI

(Dalam Persen)

Nama Pos : Pengga Des./Kec./Kab. : Pelambik/ Praya Barat Daya / Loteng  
 Jenis Alat : CR Elevasi : 63 m  
 Tahun : 2018 Koordinat : 116° 11' 36.04" BT. 08° 45' 9.73" LS.  
 DAS : Dodokan No. Register : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	74.7	61.7	51.2	86.2	79.6	69.3	81.1	72.3	4.5	60.8	43.7	54.5
2	71.3	59.1	76.8	79.4	64.2	78.8	55.5	66.3	6.1	67.6	37.7	45.3
3	37.8	62.5	46.1	84.5	70.2	59.1	82.8	35.7	7.2	67.6	44.5	62.1
4	26.8	34.6	75.9	67.4	79.6	74.5	21.3	70.6	7	80.2	44.5	61.2
5	63.8	54.1	70	54.6	71.9	69.3	80.2	68	7.3	70.9	54.8	41.1
6	69.6	33.8	29.9	70	78.8	60.8	81.1	66.3	8.5	67.6	49.7	62.9
7	27.7	46.5	23.9	64.8	63.4	81.3	70.8	80.8	7.5	53.2	62.5	44.5
8	21.8	58.3	36.7	78.5	85.6	77.9	82.8	75.7	6.7	65	50.5	31.9
9	23.5	54.1	41.8	61.4	53.9	80.5	72.5	78.2	4.9	62.5	52.2	64.6
10	66.3	38.9	53.8	43.5	76.2	68.5	64.8	24.7	6.9	68.4	24.8	42.8
11	27.7	54.9	75.1	70	56.5	43.7	66.6	83.3	7.1	76.9	70.2	55.4
12	16.8	46.5	37.5	82.8	75.3	30.8	62.3	81.6	8.4	81.1	76.2	58.7
13	46.1	33.8	1.7	71.7	65.1	25.7	75.1	80.8	8.5	73.5	68.5	54.5
14	5.9	38.9	32.4	70.8	57.4	76.2	66.6	86.7	7.7	70.9	53.9	64.6
15	17.6	34.6	48.6	75.1	75.3	72.8	34.1	60.4	7.2	81.1	58.2	57
16	8.4	29.6	57.2	48.6	66.8	74.5	65.7	51.9	7.5	81.9	64.2	52
17	12.6	26.2	76.8	62.3	79.6	83.9	70.8	73.1	8.1	82.8	60.8	71.3
18	39.4	60.8	63.1	70.8	48.8	82.2	67.4	85	3.1	76.9	67.6	75.5
19	68	67.6	74.2	62.3	72.8	77.9	80.2	82.5	8.2	51.5	73.6	21
20	25.2	74.3	75.9	58.9	79.6	76.2	81.9	80.8	7.8	79.4	63.4	47.8
21	46.1	51.5	76.8	71.7	75.3	81.3	81.9	68	8.2	54.1	69.3	5.9
22	43.6	70.9	35.8	83.6	54.8	82.2	61.4	55.3	8	72.6	73.6	36.1
23	20.1	76	70.8	81.9	77.9	75.3	79.4	79.9	6.2	69.3	50.5	10.1
24	10.1	32.1	56.3	60.6	75.3	76.2	81.9	85.9	8.1	75.2	57.4	69.6
25	28.5	60	38.4	79.4	55.7	77.1	38.4	74	6.8	78.5	47.1	82.2
26	21.8	47.3	58.9	79.4	80.5	75.3	69.1	66.3	7.9	75.2	64.2	78.9
27	38.6	70.9	61.4	73.4	77.9	83	66.6	85.9	6.4	71.8	55.7	4.2
28	23.5	69.3	81.1	75.9	79.6	80.5	67.4	74.8	7.9	61.7	47.1	21.8
29	40.3		70.8	81.9	74.5	36.8	63.1	56.1	8	76	56.5	72.1
30	19.3		84.5	77.6	77.9	70.2	67.4	85.9	7.3	66.7	64.2	83.1
31	18.5		70		76.2		75.1	56.1		65.9		50.3
<b>RERATA</b>	34.24	51.74	56.56	70.97	71.17	70.06	68.24	70.74	7.17	70.54	56.90	51.06
<b>MAX</b>	74.70	76.00	84.50	86.20	85.60	83.90	82.80	86.70	8.50	82.80	76.20	83.10
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	39.83	47.49	46.76	70.71	70.20	64.61	66.51	68.76	7.03	69.82	52.79	53.41
<b>Jumlah SB. II</b>	29.00	56.65	65.75	71.22	72.08	75.51	69.86	72.59	7.30	71.22	61.01	48.87

Sumber : Bisda Prov. NTB

Keterangan :

- ( X ) : Alat rusak
- ( \* ) : Data diragukan

## DATA PENYINARAN MATAHARI

(Dalam Persen)

Nama Pos : Pengga  
 Jenis Alat : CR  
 Tahun : 2019  
 DAS : Dodokan

Des./Kec./Kab. : Pelambik/ Praya Barat Daya / Loteng  
 Elevasi : 63 m  
 Koordinat : 116° 11' 36.04" BT. 08° 45' 9.73" LS.  
 No. Register : 03.02.13 173 KLIM 02

TANGGAL	B U L A N (mm)											
	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOV	DES
1	82.2	55.7	50.3	66.6	49.7	47.9	47.8	45.1	70.6	69.3	79.6	77.2
2	3.4	53.2	69.1	81.1	47.1	49.7	50.3	51	52.7	64.2	58.2	80.6
3	26	49.8	45.2	81.9	46.2	47.9	51.2	45.1	74	72.6	82.2	78.9
4	47.8	52.4	75.1	82.8	45.4	55.7	47.8	59.5	68	65.9	77.9	66.3
5	75.5	46.5	68.3	81.9	46.2	51.4	46.9	48.5	69.7	60	81.3	41.1
6	17.6	57.4	28.2	55.5	82.2	49.7	46.9	54.4	29.8	65.9	81.3	48.7
7	73.8	58.3	22.2	52.9	65.9	47.1	43.5	63.8	73.1	54.9	78.8	77.2
8	47.8	61.7	34.1	58	84.8	50.5	49.5	75.7	67.2	71.8	81.3	83.1
9	68.8	57.4	41.8	62.3	65.1	48.8	48.6	78.2	51.9	58.3	82.2	75.5
10	82.2	75.2	53.8	62.3	83.9	49.7	47.8	24.7	68.9	79.4	79.6	77.2
11	14.3	87.8	73.4	53.8	84.8	89.9	52.9	83.3	74.8	56.6	82.2	76.3
12	79.7	57.4	37.5	65.7	85.6	49.7	48.6	81.6	84.2	51.5	50.5	33.6
13	45.3	45.6	1.7	67.4	77.9	49.7	50.3	80.8	85	59.1	43.7	41.1
14	43.6	60	30.7	78.5	85.6	50.5	49.5	86.7	77.4	74.3	82.2	47.8
15	58.7	59.1	48.6	76.8	80.5	52.2	49.5	60.4	72.3	70.1	83	45.3
16	78.9	54.1	57.2	87.9	83	56.5	38.4	51.9	74.8	80.2	68.5	48.7
17	76.3	54.1	76.8	90.4	82.2	52.2	43.5	73.1	81.6	81.9	80.5	59.6
18	26.8	51.5	63.1	79.4	71.9	52.2	43.5	85	30.6	81.1	85.6	70.5
19	49.5	65	74.2	70	72.8	47.1	44.4	82.5	82.5	79.4	74.5	51.2
20	0	61.7	75.9	69.1	85.6	49.7	46.1	80.8	78.2	54.9	80.5	56.2
21	58.7	60	76.8	58.9	83.9	50.5	47.8	68	82.5	80.2	64.2	64.6
22	69.6	48.1	35.8	46.1	89	42.8	48.6	55.3	79.9	81.1	66.8	41.1
23	63.8	43.1	70.8	27.3	81.3	50.5	47.8	79.9	62.1	80.2	79.6	57
24	64.6	48.1	56.3	71.7	83.9	48.8	46.9	85.9	80.8	78.5	79.6	64.6
25	46.1	50.7	38.4	74.2	83	44.5	51.2	74	68	76	78.8	51.2
26	68.8	42.2	58.9	85.3	52.2	51.4	48.6	66.3	79.1	77.7	80.5	45.3
27	22.7	26.2	61.4	23	76.2	52.2	49.5	85.9	64.6	79.4	63.4	53.7
28	54.5	42.2	81.1	88.7	82.2	48.8	47.8	74	78.2	83.6	71.9	61.2
29	50.3		70.8	85.3	81.3	53.1	48.6	56.1	79.9	80.2	68.5	36.9
30	54.5		84.5	51.2	60.8	60.8	46.9	85.9	73.1	81.1	61.6	47.8
31	57.9		70		83		37.5	55.3		75.2		48.7
<b>RERATA</b>	51.93	54.45	55.87	67.87	73.65	51.72	47.36	67.70	70.52	71.76	74.28	58.33
<b>MAX</b>	82.20	87.80	84.50	90.40	89.00	89.90	52.90	86.70	85.00	83.60	85.60	83.10
<b>JUMLAH RERATA SETENGAH BULANAN</b>												
<b>Jumlah SB. I</b>	51.11	58.50	45.33	68.50	68.73	52.69	48.74	62.59	67.97	64.93	74.93	63.33
<b>Jumlah SB. II</b>	52.69	49.77	65.75	67.23	78.27	50.74	46.07	72.49	73.06	78.17	73.63	53.64

Sumber : Bisda Prov. NTB

Keterangan :

- ( X ) : Alat rusak
- ( \* ) : Data diragukan





**LAMPIRAN III**  
**ANALISA EVAPOTRANSPIRASI**

## Perhitungan Evapotranspirasi Potensial dengan Metode Penman untuk Daerah Irigasi Bunumbang

Pos Iklim : CR PENGGA  
 Altitude EL .(m) : 63.00 m Elevasi : 82 (average)  
 Latitude (deg-5) : 8.75 m Albedo : 0.25 ( r )

No.	Uraian	Januari		Pebruari		Maret		April		Mei		Juni		Juli		Agustus		September		Oktober		Nopember		Desember	
		I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II
	<i>Jumlah Hari</i>	15	16	14	14	15	16	15	15	15	16	15	15	15	16	15	16	15	15	15	16	15	15	15	16
1	Temperatur, t(a) (C)	24.29	24.00	23.95	24.13	24.06	24.13	24.18	24.34	23.91	24.20	24.28	25.07	23.76	23.83	23.14	22.97	24.33	23.96	23.61	23.61	25.45	24.52	23.73	23.77
2	Kecepatan Angin, U (km/hr)	31.18	35.08	32.83	28.98	37.67	30.55	26.23	24.65	29.74	34.03	29.16	26.94	41.00	40.09	44.82	44.85	48.17	52.17	53.09	60.67	61.61	52.40	41.88	42.69
3	Temperatur terkoreksi, t(c) (C)	24.17	23.88	23.83	24.02	23.95	24.02	24.07	24.23	23.79	24.08	24.17	24.96	23.65	23.71	23.02	22.85	24.22	23.84	23.49	23.49	25.34	24.41	23.62	23.66
4	Kelembaban relatif, RH	0.88	0.92	0.90	0.91	0.93	0.92	0.93	0.91	0.93	0.93	0.91	0.89	0.79	0.79	0.91	0.90	0.87	0.89	0.87	0.85	0.88	0.88	0.89	0.90
5	Lama penyinaran, n/N	0.49	0.39	0.45	0.51	0.48	0.56	0.58	0.59	0.66	0.68	0.71	0.67	0.59	0.65	0.67	0.72	0.38	0.33	0.70	0.71	0.54	0.55	0.45	0.48
6	Kecepatan angin terkoreksi, Uc (km/hari)	32.39	36.44	34.10	30.11	39.13	31.74	27.25	25.60	30.89	35.36	30.29	27.99	42.59	41.65	46.56	46.59	50.04	54.20	55.16	63.02	64.00	54.43	43.50	44.35
7	Tekanan uap jenuh,ea(mbar)	30.21	29.69	29.61	29.93	29.81	29.94	30.03	30.32	29.53	30.05	30.21	31.67	29.28	29.39	28.20	27.91	30.29	29.62	29.00	29.00	32.41	30.65	29.22	29.29
8	Tekanan uap jenuh aktual, ed(mbar)	26.59	27.35	26.68	27.34	27.61	27.68	27.97	27.55	27.60	27.85	27.59	28.23	23.19	23.28	25.58	25.24	26.23	26.45	25.12	24.68	28.57	26.86	26.02	26.30
9	Beda tekanan uap,ea-ed(mbar)	3.62	2.34	2.93	2.60	2.20	2.26	2.05	2.77	1.93	2.20	2.62	3.45	6.09	6.11	2.61	2.68	4.07	3.17	3.88	4.32	3.84	3.78	3.20	2.99
10	Fungsi kecepatan angin, f(U)	0.36	0.37	0.36	0.35	0.38	0.36	0.34	0.34	0.35	0.37	0.35	0.35	0.38	0.40	0.41	0.40	0.41	0.42	0.42	0.44	0.44	0.42	0.39	0.39
11	Konstanta kemiringan tekanan uap, del	1.43	1.30	1.30	1.32	1.30	1.32	1.35	1.47	1.29	1.36	1.43	2.01	1.29	1.29	1.25	1.24	1.46	1.30	1.28	1.28	2.06	1.60	1.28	1.29
12	Angka perpindahan angin (Aerodynamic term)	1.85	1.12	1.37	1.20	1.08	1.06	0.96	1.38	0.88	1.09	1.31	2.39	3.02	3.01	1.30	1.32	2.41	1.71	2.08	2.43	3.50	2.53	1.59	1.50
13	Radiasi extra terestrial, Ra (mm/hari)	926.03	926.03	924.01	924.01	891.00	891.00	846.49	846.49	746.97	746.97	703.84	703.84	720.22	720.22	781.48	781.48	792.16	792.16	903.88	903.88	918.90	918.90	929.53	929.53
14	Radiasi matahari, Rs (mm/hari)	359.15	333.16	347.75	362.10	342.61	361.74	347.95	350.84	324.76	329.65	315.52	308.40	299.13	311.25	341.24	352.14	283.33	270.91	403.87	405.88	369.00	371.67	350.73	358.52
15	Radiasi Gelombang panjang																								
	a. f (t) pada T	15.48	15.35	15.33	15.41	15.38	15.41	15.43	15.51	15.32	15.44	15.48	15.88	15.26	15.28	15.01	15.34	15.51	15.34	15.20	15.20	15.57	15.60	15.25	15.26
	b. f (ed) pada ed	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.13	0.13	0.12	0.12	0.11	0.11	0.12	0.12	0.10	0.11	0.12	0.11
	c. f (n/N) pada n/N	0.52	0.47	0.50	0.52	0.51	0.55	0.56	0.56	0.60	0.61	0.62	0.60	0.56	0.59	0.60	0.62	0.46	0.44	0.62	0.62	0.54	0.54	0.50	0.51
16	del / (del + c)	0.75	0.73	0.73	0.73	0.73	0.73	0.74	0.75	0.73	0.74	0.75	0.81	0.73	0.73	0.72	0.72	0.75	0.73	0.72	0.72	0.81	0.77	0.73	0.73
17	c / (del + c)	0.25	0.27	0.27	0.27	0.27	0.27	0.26	0.25	0.27	0.26	0.25	0.19	0.27	0.27	0.28	0.28	0.25	0.27	0.28	0.28	0.19	0.23	0.27	0.27
18	Angka Radiasi	3.47	3.14	3.27	3.42	3.23	3.42	3.31	3.41	3.05	3.14	3.05	3.21	2.81	2.92	3.18	3.28	2.75	2.55	3.79	3.80	3.86	3.69	3.29	3.37
19	Radiasi gelombang panjang netto	0.68	0.58	0.62	0.65	0.62	0.67	0.68	0.72	0.72	0.75	0.78	0.82	0.80	0.84	0.76	0.82	0.62	0.56	0.81	0.83	0.71	0.73	0.64	0.65
20	Angka perpindahan angin netto	0.47	0.30	0.37	0.32	0.29	0.29	0.25	0.34	0.24	0.29	0.33	0.47	0.83	0.82	0.36	0.37	0.60	0.47	0.57	0.67	0.67	0.59	0.44	0.41
21	Evapotranspirasi potensial, ETo(mm/hari)	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.73	2.46	3.54	3.64	3.82	3.55	3.09	3.13
22	Evapotranspirasi potensial, ETo(mm/15 hari)	48.91	45.85	42.30	43.36	43.46	48.57	43.31	45.61	38.56	42.96	38.98	42.87	42.52	46.52	41.70	45.22	40.97	36.90	53.16	58.28	57.25	53.20	46.37	50.05

Sumber : Hasil Perhitungan

## Perhitungan Evapotranspirasi Potensial dengan Metode Penman untuk Catchment Area Embung Bunumbang

Pos Iklim : CR PENGGA  
 Altitude EL .(m) : 63.00 m Elevasi : 188 (average)  
 Latitude (deg-5) : 8.75 m Albedo : 0.25 ( r )

No.	Uraian	Januari		Pebruari		Maret		April		Mei		Juni		Juli		Agustus		September		Oktober		Nopember		Desember	
		I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II
		Jumlah Hari																							
1	Temperatur, t(a) (C)	24.29	24.00	23.95	24.13	24.06	24.13	24.18	24.34	23.91	24.20	24.28	25.07	23.76	23.83	23.14	22.97	24.33	23.96	23.61	23.61	25.45	24.52	23.73	23.77
2	Kecepatan Angin, U (km/hr)	31.18	35.08	32.83	28.98	37.67	30.55	26.23	24.65	29.74	34.03	29.16	26.94	41.00	40.09	44.82	44.85	48.17	52.17	53.09	60.67	61.61	52.40	41.88	42.69
3	Temperatur terkoreksi, t(c) (C)	23.54	23.25	23.20	23.39	23.32	23.39	23.44	23.60	23.16	23.45	23.54	24.32	23.02	23.08	22.39	22.22	23.58	23.21	22.86	22.86	24.71	23.78	22.98	23.02
4	Kelembaban relatif, RH	0.88	0.92	0.90	0.91	0.93	0.92	0.93	0.91	0.93	0.93	0.91	0.89	0.79	0.91	0.90	0.87	0.89	0.87	0.85	0.88	0.88	0.89	0.90	0.90
5	Lama penyinaran, n/N	0.49	0.39	0.45	0.51	0.48	0.56	0.58	0.59	0.66	0.68	0.71	0.67	0.59	0.65	0.67	0.72	0.38	0.33	0.70	0.71	0.54	0.55	0.45	0.48
6	Kecepatan angin terkoreksi, Uc (km/hari)	36.27	40.81	38.19	33.72	43.83	35.54	30.51	28.67	34.60	39.59	33.93	31.34	47.70	46.64	52.15	52.18	56.04	60.70	61.77	70.58	71.67	60.96	48.72	49.67
7	Tekanan uap jenuh,ea(mbar)	30.21	29.69	29.61	29.93	29.81	29.94	30.03	30.32	29.53	30.05	30.21	31.67	29.28	29.39	28.20	27.91	30.29	29.62	29.00	29.00	32.41	30.65	29.22	29.29
8	Tekanan uap jenuh aktual, ed(mbar)	26.59	27.35	26.68	27.34	27.61	27.68	27.97	27.55	27.60	27.85	27.59	28.23	23.19	23.28	25.58	25.24	26.23	26.45	25.12	24.68	28.57	26.86	26.02	26.30
9	Beda tekanan uap,ea-ed(mbar)	3.62	2.34	2.93	2.60	2.20	2.26	2.05	2.77	1.93	2.20	2.62	3.45	6.09	6.11	2.61	2.68	4.07	3.17	3.88	4.32	3.84	3.78	3.20	2.99
10	Fungsi kecepatan angin, f(U)	0.35	0.36	0.36	0.35	0.37	0.35	0.34	0.34	0.35	0.36	0.35	0.34	0.38	0.39	0.39	0.40	0.41	0.41	0.41	0.43	0.44	0.41	0.38	0.39
11	Konstanta kemiringan tekanan uap, del	1.28	1.26	1.26	1.27	1.27	1.27	1.28	1.26	1.28	1.28	1.28	1.54	1.25	1.26	1.22	1.21	1.28	1.26	1.24	1.24	1.82	1.29	1.25	1.25
12	Angka perpindahan angin (Aerodynamic term)	1.64	1.08	1.33	1.15	1.04	1.01	0.89	1.20	0.85	1.01	1.17	1.82	2.90	2.90	1.25	1.27	2.09	1.65	1.99	2.33	3.05	2.01	1.53	1.45
13	Radiasi extra terestrial, Ra (mm/hari)	926.03	926.03	924.01	924.01	891.00	891.00	846.49	846.49	746.97	746.97	703.84	703.84	720.22	720.22	781.48	781.48	792.16	792.16	903.88	903.88	918.90	918.90	929.53	929.53
14	Radiasi matahari, Rs (mm/hari)	359.15	333.16	347.75	362.10	342.61	361.74	347.95	350.84	324.76	329.65	315.52	308.40	299.13	311.25	341.24	352.14	283.33	270.91	403.87	405.88	369.00	371.67	350.73	358.52
15	Radiasi Gelombang panjang																								
	a. f (t) pada T	15.22	15.10	15.08	15.15	15.13	15.15	15.17	15.24	15.06	15.18	15.21	15.56	15.01	15.03	15.16	15.09	15.23	15.08	15.34	15.34	15.75	15.31	15.39	15.01
	b. f (ea) pada ea	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.13	0.13	0.12	0.12	0.11	0.11	0.12	0.12	0.10	0.11	0.12	0.11
	c. f (n/N) pada n/N	0.52	0.47	0.50	0.52	0.51	0.55	0.56	0.56	0.60	0.61	0.62	0.60	0.56	0.59	0.60	0.62	0.46	0.44	0.62	0.62	0.54	0.54	0.50	0.51
16	del / (del + c)	0.73	0.72	0.72	0.72	0.72	0.72	0.73	0.72	0.72	0.73	0.76	0.72	0.72	0.72	0.71	0.73	0.72	0.72	0.72	0.72	0.79	0.73	0.72	0.72
17	c / (del + c)	0.27	0.28	0.28	0.28	0.28	0.28	0.27	0.28	0.28	0.27	0.24	0.28	0.28	0.28	0.28	0.29	0.27	0.28	0.28	0.28	0.21	0.27	0.28	0.28
18	Angka Radiasi	3.37	3.11	3.25	3.39	3.20	3.39	3.26	3.29	3.03	3.09	2.96	3.03	2.79	2.90	3.16	3.25	2.66	2.53	3.76	3.78	3.77	3.49	3.27	3.34
19	Radiasi gelombang panjang netto	0.64	0.56	0.61	0.63	0.61	0.65	0.66	0.68	0.71	0.72	0.74	0.76	0.78	0.82	0.76	0.80	0.59	0.54	0.81	0.83	0.70	0.68	0.64	0.63
20	Angka perpindahan angin netto	0.45	0.30	0.37	0.32	0.29	0.28	0.25	0.33	0.24	0.28	0.32	0.44	0.81	0.81	0.35	0.36	0.57	0.46	0.56	0.65	0.64	0.55	0.43	0.40
21	Evapotranspirasi potensial, ETo(mm/hari)	3.17	2.85	3.01	3.08	2.88	3.01	2.85	2.94	2.56	2.65	2.54	2.71	2.82	2.89	2.75	2.81	2.64	2.45	3.50	3.60	3.71	3.36	3.06	3.11
22	Evapotranspirasi potensial, ETo(mm/15 hari)	47.62	45.62	42.09	43.06	43.26	48.23	42.74	44.15	38.43	42.35	38.03	40.68	42.27	46.26	41.20	45.01	39.63	36.68	52.54	57.56	55.60	50.47	45.86	49.78

Sumber : Hasil Perhitungan



**LAMPIRAN IV**  
**ANALISA KETERSEDIAAN AIR METODE NRECA**

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 79.62 < 200.00 OK

Bulan		Shari	Hujan	PET	SMS	Sr	P/PET	AET/PET	AET	P - AET	excm	D <sub>Storage</sub>	Rech	GWS <sub>awal</sub>	GWS <sub>akhir</sub>	GF	DF	Saliran <sub>model</sub>	Q <sub>model</sub>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	m <sup>3</sup> /detik
Jan	I	15	15.00	47.62	300.00	0.89	0.32	0.62	29.53	-14.53	0.00	-14.53	0.00	300.00	300.00	150.00	0.00	150.00	0.146
	II	16	69.00	45.62	285.47	0.85	1.51	1.00	45.62	23.38	8.24	15.14	4.12	150.00	154.12	77.06	4.12	81.18	0.077
Peb	I	14	15.00	42.09	300.60	0.89	0.36	0.64	27.10	-12.10	0.00	-12.10	0.00	77.06	77.06	38.53	0.00	38.53	0.044
	II	14	90.00	43.06	288.50	0.86	2.09	1.00	43.06	46.94	16.94	30.00	8.47	38.53	47.00	23.50	8.47	31.97	0.037
Mar	I	15	60.00	43.26	318.50	0.95	1.39	1.00	43.26	16.74	7.47	9.27	3.74	23.50	27.24	13.62	3.74	17.36	0.021
	II	16	36.00	48.23	327.77	0.97	0.75	0.87	41.95	-5.95	0.00	-5.95	0.00	13.62	13.62	6.81	0.00	6.81	0.011
Apr	I	15	5.00	42.74	321.81	0.96	0.12	0.54	23.04	-18.04	0.00	-18.04	0.00	6.81	6.81	3.40	0.00	3.40	0.004
	II	15	0.00	44.15	303.77	0.90	0.00	0.45	19.92	-19.92	0.00	-19.92	0.00	3.40	3.40	1.70	0.00	1.70	0.003
Mei	I	15	0.00	38.43	283.85	0.84	0.00	0.42	16.20	-16.20	0.00	-16.20	0.00	1.70	1.70	0.85	0.00	0.85	0.002
	II	16	48.00	42.35	267.65	0.80	1.13	1.00	42.35	5.65	1.73	3.92	0.86	0.85	1.72	0.86	0.86	1.72	0.003
Jun	I	15	0.00	38.03	271.57	0.81	0.00	0.40	15.34	-15.34	0.00	-15.34	0.00	0.86	0.86	0.43	0.00	0.43	0.001
	II	15	0.00	40.68	256.23	0.76	0.00	0.38	15.48	-15.48	0.00	-15.48	0.00	0.43	0.43	0.21	0.00	0.21	0.001
Jul	I	15	0.00	42.27	240.75	0.72	0.00	0.36	15.12	-15.12	0.00	-15.12	0.00	0.21	0.21	0.11	0.00	0.11	0.001
	II	16	0.00	46.26	225.63	0.67	0.00	0.34	15.50	-15.50	0.00	-15.50	0.00	0.11	0.11	0.05	0.00	0.05	0.001
Ags	I	15	0.00	41.20	210.13	0.62	0.00	0.31	12.86	-12.86	0.00	-12.86	0.00	0.05	0.05	0.03	0.00	0.03	0.001
	II	16	0.00	45.01	197.27	0.59	0.00	0.29	13.19	-13.19	0.00	-13.19	0.00	0.03	0.03	0.01	0.00	0.01	0.001
Sep	I	15	0.00	39.63	184.08	0.55	0.00	0.27	10.84	-10.84	0.00	-10.84	0.00	0.01	0.01	0.01	0.00	0.01	0.001
	II	15	0.00	36.68	173.24	0.51	0.00	0.26	9.44	-9.44	0.00	-9.44	0.00	0.01	0.01	0.00	0.00	0.00	0.001
Okt	I	15	0.00	52.54	163.80	0.49	0.00	0.24	12.78	-12.78	0.00	-12.78	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	16	0.00	57.56	151.02	0.45	0.00	0.22	12.91	-12.91	0.00	-12.91	0.00	0.00	0.00	0.00	0.00	0.00	0.005
Nop	I	15	41.00	55.60	138.10	0.41	0.74	0.79	44.00	-3.00	0.00	-3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	15	146.00	50.47	135.11	0.40	2.89	1.00	50.47	95.53	7.99	87.54	3.99	0.00	3.99	2.00	3.99	5.99	0.011
Des	I	15	39.00	45.86	222.65	0.66	0.85	0.90	41.27	-2.27	0.00	-2.27	0.00	2.00	2.00	1.00	0.00	1.00	0.006
	II	16	162.00	49.78	220.38	0.65	3.25	1.00	49.78	112.22	22.54	89.69	11.27	1.00	12.27	6.13	11.27	17.40	0.020

Sumber : Hasil Perhitungan

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 -9.02 < 200.00 OK

																			2005
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	44.00	47.62	300.00	0.89	0.92	0.96	45.61	-1.61	0.00	-1.61	0.00	6.13	6.13	3.07	0.00	3.07	0.008
	II	16	19.00	45.62	298.39	0.89	0.42	0.68	30.80	-11.80	0.00	-11.80	0.00	3.07	3.07	1.53	0.00	1.53	0.006
Peb	I	14	99.00	42.09	286.59	0.85	2.35	1.00	42.09	56.91	20.24	36.67	10.12	1.53	11.65	5.83	10.12	15.95	0.021
	II	14	10.00	43.06	323.26	0.96	0.23	0.60	25.88	-15.88	0.00	-15.88	0.00	5.83	5.83	2.91	0.00	2.91	0.008
Mar	I	15	99.00	43.26	307.38	0.91	2.29	1.00	43.26	55.74	23.08	32.66	11.54	2.91	14.45	7.23	11.54	18.77	0.023
	II	16	84.00	48.23	340.04	1.01	1.74	1.00	48.23	35.77	18.25	17.52	9.13	7.23	16.35	8.18	9.13	17.30	0.020
Apr	I	15	107.00	42.74	357.56	1.06	2.50	1.00	42.74	64.26	36.11	28.15	18.06	8.18	26.23	13.12	18.06	31.17	0.030
	II	15	11.00	44.15	385.71	1.15	0.25	0.68	29.99	-18.99	0.00	-18.99	0.00	13.12	13.12	6.56	0.00	6.56	0.007
Mei	I	15	0.00	38.43	366.72	1.09	0.00	0.54	20.93	-20.93	0.00	-20.93	0.00	6.56	6.56	3.28	0.00	3.28	0.004
	II	16	48.00	42.35	345.79	1.03	1.13	1.00	42.35	5.65	2.98	2.67	1.49	3.28	4.77	2.38	1.49	3.87	0.004
Jun	I	15	0.00	38.03	348.46	1.04	0.00	0.52	19.68	-19.68	0.00	-19.68	0.00	2.38	2.38	1.19	0.00	1.19	0.002
	II	15	38.00	40.68	328.77	0.98	0.93	0.97	39.31	-1.31	0.00	-1.31	0.00	1.19	1.19	0.60	0.00	0.60	0.002
Jul	I	15	48.00	42.27	327.46	0.97	1.14	1.00	42.27	5.73	2.71	3.02	1.36	0.60	1.95	0.98	1.36	2.33	0.003
	II	16	0.00	46.26	330.49	0.98	0.00	0.49	22.71	-22.71	0.00	-22.71	0.00	0.98	0.98	0.49	0.00	0.49	0.001
Ags	I	15	0.00	41.20	307.78	0.91	0.00	0.46	18.84	-18.84	0.00	-18.84	0.00	0.49	0.49	0.24	0.00	0.24	0.001
	II	16	30.00	45.01	288.94	0.86	0.67	0.81	36.44	-6.44	0.00	-6.44	0.00	0.24	0.24	0.12	0.00	0.12	0.001
Sep	I	15	0.00	39.63	282.49	0.84	0.00	0.42	16.63	-16.63	0.00	-16.63	0.00	0.12	0.12	0.06	0.00	0.06	0.001
	II	15	11.00	36.68	265.86	0.79	0.30	0.58	21.14	-10.14	0.00	-10.14	0.00	0.06	0.06	0.03	0.00	0.03	0.001
Okt	I	15	10.00	52.54	255.72	0.76	0.19	0.50	26.16	-16.16	0.00	-16.16	0.00	0.03	0.03	0.02	0.00	0.02	0.005
	II	16	60.00	57.56	239.56	0.71	1.04	1.00	57.56	2.44	0.58	1.85	0.29	0.02	0.31	0.15	0.29	0.45	0.005
Nop	I	15	0.00	55.60	241.42	0.72	0.00	0.36	19.94	-19.94	0.00	-19.94	0.00	0.15	0.15	0.08	0.00	0.08	0.005
	II	15	77.00	50.47	221.48	0.66	1.53	1.00	50.47	26.53	5.38	21.14	2.69	0.08	2.77	1.38	2.69	4.08	0.009
Des	I	15	134.00	45.86	242.62	0.72	2.92	1.00	45.86	88.14	21.74	66.40	10.87	1.38	12.25	6.13	10.87	16.99	0.021
	II	16	100.00	49.78	309.02	0.92	2.01	1.00	49.78	50.22	21.03	29.19	10.52	6.13	16.64	8.32	10.52	18.84	0.022

Sumber : Hasil Perhitungan

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 21.59 < 200.00 OK

																	Tahun 2006		
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	169.00	47.62	300.00	0.89	3.55	1.00	47.62	121.38	47.70	73.69	23.85	8.32	32.17	16.09	23.85	39.93	0.043
	II	16	172.00	45.62	373.69	1.11	3.77	1.00	45.62	126.38	76.89	49.49	38.45	16.09	54.53	27.27	38.45	65.71	0.063
Peb	I	14	44.00	42.09	423.17	1.26	1.05	1.00	42.09	1.91	1.41	0.50	0.70	27.27	27.97	13.98	0.70	14.69	0.020
	II	14	189.00	43.06	423.68	1.26	4.39	1.00	43.06	145.94	107.68	38.26	53.84	13.98	67.82	33.91	53.84	87.75	0.094
Mar	I	15	161.00	43.26	461.93	1.37	3.72	1.00	43.26	117.74	96.08	21.67	48.04	33.91	81.95	40.97	48.04	89.01	0.089
	II	16	181.00	48.23	483.60	1.44	3.75	1.00	48.23	132.77	113.06	19.71	56.53	40.97	97.51	48.75	56.53	105.28	0.098
Apr	I	15	85.00	42.74	503.31	1.50	1.99	1.00	42.74	42.26	37.14	5.12	18.57	48.75	67.32	33.66	18.57	52.23	0.050
	II	15	136.00	44.15	508.43	1.51	3.08	1.00	44.15	91.85	81.30	10.55	40.65	33.66	74.31	37.16	40.65	77.81	0.074
Mei	I	15	8.00	38.43	518.98	1.54	0.21	0.82	31.46	-23.46	0.00	-23.46	0.00	37.16	37.16	18.58	0.00	18.58	0.018
	II	16	12.00	42.35	495.52	1.47	0.28	0.81	34.34	-22.34	0.00	-22.34	0.00	18.58	18.58	9.29	0.00	9.29	0.009
Jun	I	15	0.00	38.03	473.18	1.41	0.00	0.70	26.73	-26.73	0.00	-26.73	0.00	9.29	9.29	4.64	0.00	4.64	0.005
	II	15	57.00	40.68	446.45	1.33	1.40	1.00	40.68	16.32	12.84	3.48	6.42	4.64	11.06	5.53	6.42	11.95	0.012
Jul	I	15	0.00	42.27	449.93	1.34	0.00	0.67	28.25	-28.25	0.00	-28.25	0.00	5.53	5.53	2.77	0.00	2.77	0.004
	II	16	0.00	46.26	421.69	1.25	0.00	0.63	28.98	-28.98	0.00	-28.98	0.00	2.77	2.77	1.38	0.00	1.38	0.002
Ags	I	15	0.00	41.20	392.71	1.17	0.00	0.58	24.04	-24.04	0.00	-24.04	0.00	1.38	1.38	0.69	0.00	0.69	0.002
	II	16	0.00	45.01	368.67	1.10	0.00	0.55	24.65	-24.65	0.00	-24.65	0.00	0.69	0.69	0.35	0.00	0.35	0.001
Sep	I	15	0.00	39.63	344.02	1.02	0.00	0.51	20.25	-20.25	0.00	-20.25	0.00	0.35	0.35	0.17	0.00	0.17	0.001
	II	15	0.00	36.68	323.77	0.96	0.00	0.48	17.64	-17.64	0.00	-17.64	0.00	0.17	0.17	0.09	0.00	0.09	0.001
Okt	I	15	59.00	52.54	306.13	0.91	1.12	1.00	52.54	6.46	2.65	3.81	1.33	0.09	1.41	0.71	1.33	2.03	0.007
	II	16	0.00	57.56	309.94	0.92	0.00	0.46	26.50	-26.50	0.00	-26.50	0.00	0.71	0.71	0.35	0.00	0.35	0.005
Nop	I	15	14.00	55.60	283.44	0.84	0.25	0.57	31.52	-17.52	0.00	-17.52	0.00	0.35	0.35	0.18	0.00	0.18	0.005
	II	15	9.00	50.47	265.92	0.79	0.18	0.50	25.38	-16.38	0.00	-16.38	0.00	0.18	0.18	0.09	0.00	0.09	0.005
Des	I	15	85.00	45.86	249.54	0.74	1.85	1.00	45.86	39.14	10.26	28.88	5.13	0.09	5.22	2.61	5.13	7.74	0.012
	II	16	46.00	49.78	278.41	0.83	0.92	0.96	47.56	-1.56	0.00	-1.56	0.00	2.61	2.61	1.30	0.00	1.30	0.006

Sumber : Hasil Perhitungan

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 132.40 < 200.00 OK

Tahun 2007																			
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	77.00	47.62	300.00	0.89	1.62	1.00	47.62	29.38	11.55	17.84	5.77	1.30	7.08	3.54	5.77	9.31	0.014
	II	16	7.00	45.62	317.84	0.94	0.15	0.55	25.23	-18.23	0.00	-18.23	0.00	3.54	3.54	1.77	0.00	1.77	0.007
Peb	I	14	67.00	42.09	299.60	0.89	1.59	1.00	42.09	24.91	9.76	15.15	4.88	1.77	6.65	3.32	4.88	8.20	0.013
	II	14	10.00	43.06	314.75	0.94	0.23	0.59	25.46	-15.46	0.00	-15.46	0.00	3.32	3.32	1.66	0.00	1.66	0.007
Mar	I	15	55.00	43.26	299.29	0.89	1.27	1.00	43.26	11.74	4.59	7.15	2.30	1.66	3.96	1.98	2.30	4.27	0.009
	II	16	7.00	48.23	306.45	0.91	0.15	0.53	25.77	-18.77	0.00	-18.77	0.00	1.98	1.98	0.99	0.00	0.99	0.006
Apr	I	15	131.00	42.74	287.68	0.85	3.07	1.00	42.74	88.26	31.65	56.61	15.83	0.99	16.82	8.41	15.83	24.23	0.024
	II	15	79.00	44.15	344.29	1.02	1.79	1.00	44.15	34.85	18.22	16.63	9.11	8.41	17.52	8.76	9.11	17.87	0.018
Mei	I	15	0.00	38.43	360.92	1.07	0.00	0.54	20.60	-20.60	0.00	-20.60	0.00	8.76	8.76	4.38	0.00	4.38	0.005
	II	16	43.00	42.35	340.31	1.01	1.02	1.00	42.35	0.65	0.33	0.32	0.17	4.38	4.55	2.27	0.17	2.44	0.003
Jun	I	15	0.00	38.03	340.63	1.01	0.00	0.51	19.24	-19.24	0.00	-19.24	0.00	2.27	2.27	1.14	0.00	1.14	0.002
	II	15	8.00	40.68	321.39	0.95	0.20	0.58	23.60	-15.60	0.00	-15.60	0.00	1.14	1.14	0.57	0.00	0.57	0.002
Jul	I	15	28.00	42.27	305.79	0.91	0.66	0.82	34.48	-6.48	0.00	-6.48	0.00	0.57	0.57	0.28	0.00	0.28	0.001
	II	16	5.00	46.26	299.31	0.89	0.11	0.50	23.34	-18.34	0.00	-18.34	0.00	0.28	0.28	0.14	0.00	0.14	0.001
Ags	I	15	5.00	41.20	280.96	0.83	0.12	0.49	20.11	-15.11	0.00	-15.11	0.00	0.14	0.14	0.07	0.00	0.07	0.001
	II	16	1.00	45.01	265.85	0.79	0.02	0.41	18.38	-17.38	0.00	-17.38	0.00	0.07	0.07	0.04	0.00	0.04	0.001
Sep	I	15	0.00	39.63	248.47	0.74	0.00	0.37	14.63	-14.63	0.00	-14.63	0.00	0.04	0.04	0.02	0.00	0.02	0.001
	II	15	0.00	36.68	233.84	0.69	0.00	0.35	12.74	-12.74	0.00	-12.74	0.00	0.02	0.02	0.01	0.00	0.01	0.001
Okt	I	15	0.00	52.54	221.10	0.66	0.00	0.33	17.26	-17.26	0.00	-17.26	0.00	0.01	0.01	0.00	0.00	0.00	0.005
	II	16	7.00	57.56	203.85	0.61	0.12	0.39	22.31	-15.31	0.00	-15.31	0.00	0.00	0.00	0.00	0.00	0.00	0.005
Nop	I	15	49.00	55.60	188.54	0.56	0.88	0.91	50.85	-1.85	0.00	-1.85	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	15	0.00	50.47	186.69	0.55	0.00	0.28	14.00	-14.00	0.00	-14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.005
Des	I	15	26.00	45.86	172.69	0.51	0.57	0.68	31.09	-5.09	0.00	-5.09	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	16	92.00	49.78	167.60	0.50	1.85	1.00	49.78	42.22	5.00	37.23	2.50	0.00	2.50	1.25	2.50	3.75	0.008

Sumber : Hasil Perhitungan



**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 110.38 < 200.00 OK

Tahun 2008																			
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	57.00	47.62	300.00	0.89	1.20	1.00	47.62	9.38	3.69	5.70	1.84	1.25	3.09	1.55	1.84	3.39	0.008
	II	16	56.00	45.62	305.70	0.91	1.23	1.00	45.62	10.38	4.25	6.13	2.12	1.55	3.67	1.84	2.12	3.96	0.008
Peb	I	14	151.00	42.09	311.83	0.93	3.59	1.00	42.09	108.91	46.50	62.41	23.25	1.84	25.08	12.54	23.25	35.79	0.041
	II	14	0.00	43.06	374.24	1.11	0.00	0.56	23.94	-23.94	0.00	-23.94	0.00	12.54	12.54	6.27	0.00	6.27	0.011
Mar	I	15	150.00	43.26	350.30	1.04	3.47	1.00	43.26	106.74	57.71	49.04	28.85	6.27	35.12	17.56	28.85	46.41	0.049
	II	16	167.00	48.23	399.34	1.19	3.46	1.00	48.23	118.77	80.55	38.22	40.27	17.56	57.84	28.92	40.27	69.19	0.066
Apr	I	15	101.00	42.74	437.56	1.30	2.36	1.00	42.74	58.26	44.77	13.49	22.39	28.92	51.30	25.65	22.39	48.04	0.046
	II	15	3.00	44.15	451.04	1.34	0.07	0.69	30.57	-27.57	0.00	-27.57	0.00	25.65	25.65	12.83	0.00	12.83	0.013
Mei	I	15	4.00	38.43	423.48	1.26	0.10	0.67	25.66	-21.66	0.00	-21.66	0.00	12.83	12.83	6.41	0.00	6.41	0.007
	II	16	11.00	42.35	401.82	1.19	0.26	0.70	29.71	-18.71	0.00	-18.71	0.00	6.41	6.41	3.21	0.00	3.21	0.004
Jun	I	15	0.00	38.03	383.11	1.14	0.00	0.57	21.64	-21.64	0.00	-21.64	0.00	3.21	3.21	1.60	0.00	1.60	0.003
	II	15	0.00	40.68	361.47	1.07	0.00	0.54	21.84	-21.84	0.00	-21.84	0.00	1.60	1.60	0.80	0.00	0.80	0.002
Jul	I	15	0.00	42.27	339.62	1.01	0.00	0.50	21.32	-21.32	0.00	-21.32	0.00	0.80	0.80	0.40	0.00	0.40	0.001
	II	16	0.00	46.26	318.30	0.95	0.00	0.47	21.87	-21.87	0.00	-21.87	0.00	0.40	0.40	0.20	0.00	0.20	0.001
Ags	I	15	1.00	41.20	296.43	0.88	0.02	0.45	18.70	-17.70	0.00	-17.70	0.00	0.20	0.20	0.10	0.00	0.10	0.001
	II	16	2.00	45.01	278.73	0.83	0.04	0.44	19.81	-17.81	0.00	-17.81	0.00	0.10	0.10	0.05	0.00	0.05	0.001
Sep	I	15	0.00	39.63	260.92	0.78	0.00	0.39	15.36	-15.36	0.00	-15.36	0.00	0.05	0.05	0.03	0.00	0.03	0.001
	II	15	12.00	36.68	245.55	0.73	0.33	0.57	21.00	-9.00	0.00	-9.00	0.00	0.03	0.03	0.01	0.00	0.01	0.001
Okt	I	15	0.00	52.54	236.55	0.70	0.00	0.35	18.46	-18.46	0.00	-18.46	0.00	0.01	0.01	0.01	0.00	0.01	0.005
	II	16	4.00	57.56	218.09	0.65	0.07	0.37	21.35	-17.35	0.00	-17.35	0.00	0.01	0.01	0.00	0.00	0.00	0.005
Nop	I	15	36.00	55.60	200.74	0.60	0.65	0.75	41.84	-5.84	0.00	-5.84	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	15	20.00	50.47	194.90	0.58	0.40	0.57	28.82	-8.82	0.00	-8.82	0.00	0.00	0.00	0.00	0.00	0.00	0.005
Des	I	15	50.00	45.86	186.07	0.55	1.09	1.00	45.86	4.14	0.59	3.55	0.30	0.00	0.30	0.15	0.30	0.44	0.005
	II	16	28.00	49.78	189.62	0.56	0.56	0.69	34.13	-6.13	0.00	-6.13	0.00	0.15	0.15	0.07	0.00	0.07	0.005

Sumber : Hasil Perhitungan

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 75.58 < 200.00 OK

																		Tahun 2009	
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	284.00	47.62	300.00	0.89	5.96	1.00	47.62	236.38	92.89	143.50	46.44	0.07	46.52	23.26	46.44	69.70	0.071
	II	16	123.00	45.62	443.50	1.32	2.70	1.00	45.62	77.38	60.42	16.96	30.21	23.26	53.47	26.73	30.21	56.94	0.055
Peb	I	14	205.00	42.09	460.46	1.37	4.87	1.00	42.09	162.91	132.50	30.41	66.25	26.73	92.98	46.49	66.25	112.74	0.119
	II	14	83.00	43.06	490.87	1.46	1.93	1.00	43.06	39.94	34.43	5.51	17.22	46.49	63.71	31.85	17.22	49.07	0.054
Mar	I	15	93.00	43.26	496.37	1.47	2.15	1.00	43.26	49.74	43.26	6.48	21.63	31.85	53.48	26.74	21.63	48.37	0.051
	II	16	24.00	48.23	502.85	1.49	0.50	0.87	42.10	-18.10	0.00	-18.10	0.00	26.74	26.74	13.37	0.00	13.37	0.017
Apr	I	15	15.00	42.74	484.75	1.44	0.35	0.82	34.97	-19.97	0.00	-19.97	0.00	13.37	13.37	6.69	0.00	6.69	0.007
	II	15	6.00	44.15	464.78	1.38	0.14	0.73	32.34	-26.34	0.00	-26.34	0.00	6.69	6.69	3.34	0.00	3.34	0.004
Mei	I	15	10.00	38.43	438.44	1.30	0.26	0.74	28.52	-18.52	0.00	-18.52	0.00	3.34	3.34	1.67	0.00	1.67	0.003
	II	16	0.00	42.35	419.93	1.25	0.00	0.62	26.42	-26.42	0.00	-26.42	0.00	1.67	1.67	0.84	0.00	0.84	0.002
Jun	I	15	0.00	38.03	393.51	1.17	0.00	0.58	22.23	-22.23	0.00	-22.23	0.00	0.84	0.84	0.42	0.00	0.42	0.001
	II	15	0.00	40.68	371.28	1.10	0.00	0.55	22.44	-22.44	0.00	-22.44	0.00	0.42	0.42	0.21	0.00	0.21	0.001
Jul	I	15	0.00	42.27	348.85	1.04	0.00	0.52	21.90	-21.90	0.00	-21.90	0.00	0.21	0.21	0.10	0.00	0.10	0.001
	II	16	0.00	46.26	326.94	0.97	0.00	0.49	22.47	-22.47	0.00	-22.47	0.00	0.10	0.10	0.05	0.00	0.05	0.001
Ags	I	15	0.00	41.20	304.48	0.90	0.00	0.45	18.64	-18.64	0.00	-18.64	0.00	0.05	0.05	0.03	0.00	0.03	0.001
	II	16	0.00	45.01	285.84	0.85	0.00	0.42	19.11	-19.11	0.00	-19.11	0.00	0.03	0.03	0.01	0.00	0.01	0.001
Sep	I	15	12.00	39.63	266.73	0.79	0.30	0.58	22.95	-10.95	0.00	-10.95	0.00	0.01	0.01	0.01	0.00	0.01	0.001
	II	15	1.00	36.68	255.78	0.76	0.03	0.40	14.56	-13.56	0.00	-13.56	0.00	0.01	0.01	0.00	0.00	0.00	0.001
Okt	I	15	5.00	52.54	242.22	0.72	0.10	0.42	22.10	-17.10	0.00	-17.10	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	16	31.00	57.56	225.12	0.67	0.54	0.69	39.88	-8.88	0.00	-8.88	0.00	0.00	0.00	0.00	0.00	0.00	0.005
Nop	I	15	25.00	55.60	216.24	0.64	0.45	0.63	34.83	-9.83	0.00	-9.83	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	15	27.00	50.47	206.41	0.61	0.53	0.68	34.20	-7.20	0.00	-7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.005
Des	I	15	76.00	45.86	199.21	0.59	1.66	1.00	45.86	30.14	4.93	25.21	2.46	0.00	2.46	1.23	2.46	3.70	0.008
	II	16	36.00	49.78	224.42	0.67	0.72	0.82	40.59	-4.59	0.00	-4.59	0.00	1.23	1.23	0.62	0.00	0.62	0.006

Sumber : Hasil Perhitungan

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 14.71 < 200.00 OK

																		Tahun 2010	
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	63.00	47.62	300.00	0.89	1.32	1.00	47.62	15.38	6.05	9.34	3.02	0.62	3.64	1.82	3.02	4.84	0.010
	II	16	90.00	45.62	309.34	0.92	1.97	1.00	45.62	44.38	18.63	25.75	9.31	1.82	11.13	5.57	9.31	14.88	0.018
Peb	I	14	68.00	42.09	335.09	1.00	1.62	1.00	42.09	25.91	12.84	13.07	6.42	5.57	11.99	5.99	6.42	12.41	0.018
	II	14	32.00	43.06	348.16	1.03	0.74	0.88	37.72	-5.72	0.00	-5.72	0.00	5.99	5.99	3.00	0.00	3.00	0.008
Mar	I	15	13.00	43.26	342.44	1.02	0.30	0.66	28.39	-15.39	0.00	-15.39	0.00	3.00	3.00	1.50	0.00	1.50	0.006
	II	16	42.00	48.23	327.05	0.97	0.87	0.93	45.03	-3.03	0.00	-3.03	0.00	1.50	1.50	0.75	0.00	0.75	0.006
Apr	I	15	42.00	42.74	324.02	0.96	0.98	0.99	42.36	-0.36	0.00	-0.36	0.00	0.75	0.75	0.37	0.00	0.37	0.001
	II	15	86.00	44.15	323.67	0.96	1.95	1.00	44.15	41.85	19.32	22.53	9.66	0.37	10.04	5.02	9.66	14.68	0.015
Mei	I	15	41.00	38.43	346.20	1.03	1.07	1.00	38.43	2.57	1.36	1.21	0.68	5.02	5.70	2.85	0.68	3.53	0.004
	II	16	23.00	42.35	347.41	1.03	0.54	0.78	32.99	-9.99	0.00	-9.99	0.00	2.85	2.85	1.42	0.00	1.42	0.002
Jun	I	15	0.00	38.03	337.42	1.00	0.00	0.50	19.06	-19.06	0.00	-19.06	0.00	1.42	1.42	0.71	0.00	0.71	0.002
	II	15	6.00	40.68	318.36	0.95	0.15	0.55	22.40	-16.40	0.00	-16.40	0.00	0.71	0.71	0.36	0.00	0.36	0.001
Jul	I	15	6.00	42.27	301.96	0.90	0.14	0.53	22.27	-16.27	0.00	-16.27	0.00	0.36	0.36	0.18	0.00	0.18	0.001
	II	16	13.00	46.26	285.70	0.85	0.28	0.59	27.11	-14.11	0.00	-14.11	0.00	0.18	0.18	0.09	0.00	0.09	0.001
Ags	I	15	0.00	41.20	271.58	0.81	0.00	0.40	16.62	-16.62	0.00	-16.62	0.00	0.09	0.09	0.04	0.00	0.04	0.001
	II	16	11.00	45.01	254.96	0.76	0.24	0.53	23.88	-12.88	0.00	-12.88	0.00	0.04	0.04	0.02	0.00	0.02	0.001
Sep	I	15	140.00	39.63	242.08	0.72	3.53	1.00	39.63	100.37	24.63	75.74	12.32	0.02	12.34	6.17	12.32	18.48	0.018
	II	15	112.00	36.68	317.81	0.94	3.05	1.00	36.68	75.32	33.47	41.85	16.74	6.17	22.91	11.45	16.74	28.19	0.028
Okt	I	15	0.00	52.54	359.66	1.07	0.00	0.53	28.07	-28.07	0.00	-28.07	0.00	11.45	11.45	5.73	0.00	5.73	0.010
	II	16	0.00	57.56	331.59	0.99	0.00	0.49	28.35	-28.35	0.00	-28.35	0.00	5.73	5.73	2.86	0.00	2.86	0.008
Nop	I	15	35.00	55.60	303.24	0.90	0.63	0.80	44.28	-9.28	0.00	-9.28	0.00	2.86	2.86	1.43	0.00	1.43	0.006
	II	15	70.00	50.47	293.96	0.87	1.39	1.00	50.47	19.53	7.34	12.18	3.67	1.43	5.10	2.55	3.67	6.22	0.011
Des	I	15	0.00	45.86	306.14	0.91	0.00	0.45	20.86	-20.86	0.00	-20.86	0.00	2.55	2.55	1.28	0.00	1.28	0.006
	II	16	157.00	49.78	285.29	0.85	3.15	1.00	49.78	107.22	37.75	69.47	18.88	1.28	20.15	10.08	18.88	28.95	0.031

Sumber : Hasil Perhitungan

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 118.62 < 200.00 OK

Tahun 2011																			
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	87.00	47.62	300.00	0.89	1.83	1.00	47.62	39.38	15.48	23.91	7.74	10.08	17.81	8.91	7.74	16.65	0.021
	II	16	30.00	45.62	323.91	0.96	0.66	0.82	37.52	-7.52	0.00	-7.52	0.00	8.91	8.91	4.45	0.00	4.45	0.009
Peb	I	14	46.00	42.09	316.39	0.94	1.09	1.00	42.09	3.91	1.72	2.19	0.86	4.45	5.31	2.66	0.86	3.52	0.009
	II	14	54.00	43.06	318.58	0.95	1.25	1.00	43.06	10.94	4.88	6.05	2.44	2.66	5.10	2.55	2.44	4.99	0.010
Mar	I	15	96.00	43.26	324.63	0.96	2.22	1.00	43.26	52.74	24.50	28.24	12.25	2.55	14.80	7.40	12.25	19.65	0.023
	II	16	33.00	48.23	352.87	1.05	0.68	0.85	40.98	-7.98	0.00	-7.98	0.00	7.40	7.40	3.70	0.00	3.70	0.008
Apr	I	15	110.00	42.74	344.89	1.02	2.57	1.00	42.74	67.26	35.29	31.97	17.64	3.70	21.34	10.67	17.64	28.31	0.028
	II	15	13.00	44.15	376.87	1.12	0.29	0.69	30.44	-17.44	0.00	-17.44	0.00	10.67	10.67	5.34	0.00	5.34	0.006
Mei	I	15	108.00	38.43	359.43	1.07	2.81	1.00	38.43	69.57	39.48	30.10	19.74	5.34	25.07	12.54	19.74	32.27	0.031
	II	16	10.00	42.35	389.53	1.16	0.24	0.68	28.72	-18.72	0.00	-18.72	0.00	12.54	12.54	6.27	0.00	6.27	0.007
Jun	I	15	0.00	38.03	370.81	1.10	0.00	0.55	20.95	-20.95	0.00	-20.95	0.00	6.27	6.27	3.13	0.00	3.13	0.004
	II	15	1.00	40.68	349.86	1.04	0.02	0.53	21.62	-20.62	0.00	-20.62	0.00	3.13	3.13	1.57	0.00	1.57	0.002
Jul	I	15	15.00	42.27	329.24	0.98	0.35	0.67	28.34	-13.34	0.00	-13.34	0.00	1.57	1.57	0.78	0.00	0.78	0.002
	II	16	4.00	46.26	315.90	0.94	0.09	0.52	23.83	-19.83	0.00	-19.83	0.00	0.78	0.78	0.39	0.00	0.39	0.001
Ags	I	15	0.00	41.20	296.07	0.88	0.00	0.44	18.12	-18.12	0.00	-18.12	0.00	0.39	0.39	0.20	0.00	0.20	0.001
	II	16	0.00	45.01	277.95	0.83	0.00	0.41	18.59	-18.59	0.00	-18.59	0.00	0.20	0.20	0.10	0.00	0.10	0.001
Sep	I	15	0.00	39.63	259.37	0.77	0.00	0.39	15.27	-15.27	0.00	-15.27	0.00	0.10	0.10	0.05	0.00	0.05	0.001
	II	15	0.00	36.68	244.10	0.73	0.00	0.36	13.30	-13.30	0.00	-13.30	0.00	0.05	0.05	0.02	0.00	0.02	0.001
Okt	I	15	8.00	52.54	230.80	0.69	0.15	0.44	23.27	-15.27	0.00	-15.27	0.00	0.02	0.02	0.01	0.00	0.01	0.005
	II	16	18.00	57.56	215.53	0.64	0.31	0.53	30.67	-12.67	0.00	-12.67	0.00	0.01	0.01	0.01	0.00	0.01	0.005
Nop	I	15	29.00	55.60	202.86	0.60	0.52	0.67	37.02	-8.02	0.00	-8.02	0.00	0.01	0.01	0.00	0.00	0.00	0.005
	II	15	29.00	50.47	194.85	0.58	0.57	0.70	35.22	-6.22	0.00	-6.22	0.00	0.00	0.00	0.00	0.00	0.00	0.005
Des	I	15	20.00	45.86	188.63	0.56	0.44	0.59	27.25	-7.25	0.00	-7.25	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	16	188.00	49.78	181.38	0.54	3.78	1.00	49.78	138.22	18.87	119.35	9.44	0.00	9.44	4.72	9.44	14.15	0.017

Sumber : Hasil Perhitungan

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 -36.06 < 200.00 OK

																	Tahun 2012		
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	62.00	47.62	300.00	0.89	1.30	1.00	47.62	14.38	5.65	8.73	2.83	4.72	7.54	3.77	2.83	6.60	0.011
	II	16	54.00	45.62	308.73	0.92	1.18	1.00	45.62	8.38	3.50	4.88	1.75	3.77	5.52	2.76	1.75	4.51	0.009
Peb	I	14	105.00	42.09	313.61	0.93	2.49	1.00	42.09	62.91	27.18	35.72	13.59	2.76	16.35	8.18	13.59	21.77	0.027
	II	14	6.00	43.06	349.33	1.04	0.14	0.59	25.23	-19.23	0.00	-19.23	0.00	8.18	8.18	4.09	0.00	4.09	0.009
Mar	I	15	31.00	43.26	330.10	0.98	0.72	0.86	37.01	-6.01	0.00	-6.01	0.00	4.09	4.09	2.04	0.00	2.04	0.007
	II	16	126.00	48.23	324.09	0.96	2.61	1.00	48.23	77.77	36.00	41.77	18.00	2.04	20.04	10.02	18.00	28.02	0.030
Apr	I	15	12.00	42.74	365.86	1.09	0.28	0.67	28.71	-16.71	0.00	-16.71	0.00	10.02	10.02	5.01	0.00	5.01	0.006
	II	15	16.00	44.15	349.15	1.04	0.36	0.69	30.60	-14.60	0.00	-14.60	0.00	5.01	5.01	2.51	0.00	2.51	0.003
Mei	I	15	160.00	38.43	334.56	0.99	4.16	1.00	38.43	121.57	60.05	61.52	30.02	2.51	32.53	16.26	30.02	46.29	0.045
	II	16	11.00	42.35	396.08	1.18	0.26	0.70	29.44	-18.44	0.00	-18.44	0.00	16.26	16.26	8.13	0.00	8.13	0.008
Jun	I	15	0.00	38.03	377.63	1.12	0.00	0.56	21.33	-21.33	0.00	-21.33	0.00	8.13	8.13	4.07	0.00	4.07	0.005
	II	15	1.00	40.68	356.30	1.06	0.02	0.54	22.00	-21.00	0.00	-21.00	0.00	4.07	4.07	2.03	0.00	2.03	0.003
Jul	I	15	0.00	42.27	335.30	1.00	0.00	0.50	21.05	-21.05	0.00	-21.05	0.00	2.03	2.03	1.02	0.00	1.02	0.002
	II	16	2.00	46.26	314.25	0.93	0.04	0.49	22.66	-20.66	0.00	-20.66	0.00	1.02	1.02	0.51	0.00	0.51	0.001
Ags	I	15	0.00	41.20	293.59	0.87	0.00	0.44	17.97	-17.97	0.00	-17.97	0.00	0.51	0.51	0.25	0.00	0.25	0.001
	II	16	0.00	45.01	275.62	0.82	0.00	0.41	18.43	-18.43	0.00	-18.43	0.00	0.25	0.25	0.13	0.00	0.13	0.001
Sep	I	15	0.00	39.63	257.19	0.76	0.00	0.38	15.14	-15.14	0.00	-15.14	0.00	0.13	0.13	0.06	0.00	0.06	0.001
	II	15	5.00	36.68	242.05	0.72	0.14	0.45	16.39	-11.39	0.00	-11.39	0.00	0.06	0.06	0.03	0.00	0.03	0.001
Okt	I	15	15.00	52.54	230.66	0.69	0.29	0.53	27.86	-12.86	0.00	-12.86	0.00	0.03	0.03	0.02	0.00	0.02	0.005
	II	16	15.00	57.56	217.80	0.65	0.26	0.50	28.77	-13.77	0.00	-13.77	0.00	0.02	0.02	0.01	0.00	0.01	0.005
Nop	I	15	117.00	55.60	204.03	0.61	2.10	1.00	55.60	61.40	10.53	50.87	5.26	0.01	5.27	2.64	5.26	7.90	0.012
	II	15	130.00	50.47	254.90	0.76	2.58	1.00	50.47	79.53	21.85	57.68	10.92	2.64	13.56	6.78	10.92	17.70	0.022
Des	I	15	87.00	45.86	312.58	0.93	1.90	1.00	45.86	41.14	17.65	23.49	8.83	6.78	15.61	7.80	8.83	16.63	0.021
	II	16	46.00	49.78	336.06	1.00	0.92	0.96	47.89	-1.89	0.00	-1.89	0.00	7.80	7.80	3.90	0.00	3.90	0.008

Sumber : Hasil Perhitungan

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 -102.14 < 200.00 OK

Tahun 2013																			
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	158.00	47.62	300.00	0.89	3.32	1.00	47.62	110.38	43.38	67.01	21.69	3.90	25.59	12.79	21.69	34.48	0.037
	II	16	62.00	45.62	367.01	1.09	1.36	1.00	45.62	16.38	9.65	6.73	4.83	12.79	17.62	8.81	4.83	13.64	0.017
Peb	I	14	112.00	42.09	373.73	1.11	2.66	1.00	42.09	69.91	42.54	27.36	21.27	8.81	30.08	15.04	21.27	36.31	0.042
	II	14	100.00	43.06	401.10	1.19	2.32	1.00	43.06	56.94	38.87	18.06	19.44	15.04	34.48	17.24	19.44	36.68	0.042
Mar	I	15	82.00	43.26	419.16	1.25	1.90	1.00	43.26	38.74	28.18	10.56	14.09	17.24	31.33	15.66	14.09	29.75	0.033
	II	16	55.00	48.23	429.73	1.28	1.14	1.00	48.23	6.77	-5.09	1.68	2.54	15.66	18.21	9.10	2.54	11.65	0.015
Apr	I	15	159.00	42.74	431.41	1.28	3.72	1.00	42.74	116.26	87.80	28.46	43.90	9.10	53.00	26.50	43.90	70.40	0.067
	II	15	94.00	44.15	459.87	1.37	2.13	1.00	44.15	49.85	40.50	9.36	20.25	26.50	46.75	23.38	20.25	43.62	0.042
Mei	I	15	10.00	38.43	469.22	1.39	0.26	0.78	29.82	-19.82	0.00	-19.82	0.00	23.38	23.38	11.69	0.00	11.69	0.012
	II	16	107.00	42.35	449.41	1.34	2.53	1.00	42.35	64.65	51.24	13.41	25.62	11.69	37.31	18.65	25.62	44.27	0.040
Jun	I	15	31.00	38.03	462.82	1.37	0.82	0.94	35.83	-4.83	0.00	-4.83	0.00	18.65	18.65	9.33	0.00	9.33	0.010
	II	15	50.00	40.68	457.99	1.36	1.23	1.00	40.68	9.32	7.54	1.78	3.77	9.33	13.10	6.55	3.77	10.32	0.011
Jul	I	15	1.00	42.27	459.77	1.37	0.02	0.69	29.18	-28.18	0.00	-28.18	0.00	6.55	6.55	3.27	0.00	3.27	0.004
	II	16	1.00	46.26	431.59	1.28	0.02	0.65	30.02	-29.02	0.00	-29.02	0.00	3.27	3.27	1.64	0.00	1.64	0.002
Ags	I	15	0.00	41.20	402.57	1.20	0.00	0.60	24.64	-24.64	0.00	-24.64	0.00	1.64	1.64	0.82	0.00	0.82	0.002
	II	16	0.00	45.01	377.93	1.12	0.00	0.56	25.27	-25.27	0.00	-25.27	0.00	0.82	0.82	0.41	0.00	0.41	0.001
Sep	I	15	1.00	39.63	352.66	1.05	0.03	0.54	21.24	-20.24	0.00	-20.24	0.00	0.41	0.41	0.20	0.00	0.20	0.001
	II	15	0.00	36.68	332.42	0.99	0.00	0.49	18.11	-18.11	0.00	-18.11	0.00	0.20	0.20	0.10	0.00	0.10	0.001
Okt	I	15	2.00	52.54	314.31	0.93	0.04	0.49	25.60	-23.60	0.00	-23.60	0.00	0.10	0.10	0.05	0.00	0.05	0.005
	II	16	77.00	57.56	290.71	0.86	1.34	1.00	57.56	19.44	7.13	12.30	3.57	0.05	3.62	1.81	3.57	5.38	0.010
Nop	I	15	25.00	55.60	303.02	0.90	0.45	0.70	38.77	-13.77	0.00	-13.77	0.00	1.81	1.81	0.90	0.00	0.90	0.006
	II	15	36.00	50.47	289.24	0.86	0.71	0.84	42.22	-6.22	0.00	-6.22	0.00	0.90	0.90	0.45	0.00	0.45	0.005
Des	I	15	228.00	45.86	283.03	0.84	4.97	1.00	45.86	182.14	63.02	119.12	31.51	0.45	31.96	15.98	31.51	47.49	0.050
	II	16	45.00	49.78	402.14	1.19	0.90	0.96	47.85	-2.85	0.00	-2.85	0.00	15.98	15.98	7.99	0.00	7.99	0.012

Sumber : Hasil Perhitungan

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 75.43 < 200.00 OK

Tahun 2014																			
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	40.00	47.62	300.00	0.89	0.84	0.91	43.39	-3.39	0.00	-3.39	0.00	7.99	7.99	4.00	0.00	4.00	0.009
	II	16	157.00	45.62	296.61	0.88	3.44	1.00	45.62	111.38	42.70	68.68	21.35	4.00	25.35	12.67	21.35	34.02	0.035
Peb	I	14	140.00	42.09	365.29	1.09	3.33	1.00	42.09	97.91	57.22	40.69	28.61	12.67	41.28	20.64	28.61	49.25	0.055
	II	14	34.00	43.06	405.98	1.21	0.79	0.92	39.47	-5.47	0.00	-5.47	0.00	20.64	20.64	10.32	0.00	10.32	0.015
Mar	I	15	68.00	43.26	400.51	1.19	1.57	1.00	43.26	24.74	16.85	7.89	8.43	10.32	18.75	9.37	8.43	17.80	0.022
	II	16	63.00	48.23	408.40	1.21	1.31	1.00	48.23	14.77	10.36	4.41	5.18	9.37	14.55	7.28	5.18	12.45	0.016
Apr	I	15	7.00	42.74	412.81	1.23	0.16	0.68	28.92	-21.92	0.00	-21.92	0.00	7.28	7.28	3.64	0.00	3.64	0.004
	II	15	96.00	44.15	390.89	1.16	2.17	1.00	44.15	51.85	34.01	17.84	17.01	3.64	20.64	10.32	17.01	27.33	0.027
Mei	I	15	51.00	38.43	408.74	1.21	1.33	1.00	38.43	12.57	8.83	3.75	4.41	10.32	14.74	7.37	4.41	11.78	0.012
	II	16	5.00	42.35	412.48	1.23	0.12	0.66	27.88	-22.88	0.00	-22.88	0.00	7.37	7.37	3.68	0.00	3.68	0.004
Jun	I	15	0.00	38.03	389.60	1.16	0.00	0.58	22.01	-22.01	0.00	-22.01	0.00	3.68	3.68	1.84	0.00	1.84	0.003
	II	15	0.00	40.68	367.59	1.09	0.00	0.55	22.21	-22.21	0.00	-22.21	0.00	1.84	1.84	0.92	0.00	0.92	0.002
Jul	I	15	22.00	42.27	345.38	1.03	0.52	0.77	32.40	-10.40	0.00	-10.40	0.00	0.92	0.92	0.46	0.00	0.46	0.001
	II	16	3.00	46.26	334.98	1.00	0.06	0.53	24.53	-21.53	0.00	-21.53	0.00	0.46	0.46	0.23	0.00	0.23	0.001
Ags	I	15	0.00	41.20	313.45	0.93	0.00	0.47	19.19	-19.19	0.00	-19.19	0.00	0.23	0.23	0.12	0.00	0.12	0.001
	II	16	2.00	45.01	294.27	0.87	0.04	0.46	20.80	-18.80	0.00	-18.80	0.00	0.12	0.12	0.06	0.00	0.06	0.001
Sep	I	15	0.00	39.63	275.46	0.82	0.00	0.41	16.22	-16.22	0.00	-16.22	0.00	0.06	0.06	0.03	0.00	0.03	0.001
	II	15	1.00	36.68	259.25	0.77	0.03	0.40	14.74	-13.74	0.00	-13.74	0.00	0.03	0.03	0.01	0.00	0.01	0.001
Okt	I	15	0.00	52.54	245.51	0.73	0.00	0.36	19.16	-19.16	0.00	-19.16	0.00	0.01	0.01	0.01	0.00	0.01	0.005
	II	16	0.00	57.56	226.35	0.67	0.00	0.34	19.35	-19.35	0.00	-19.35	0.00	0.01	0.01	0.00	0.00	0.00	0.005
Nop	I	15	0.00	55.60	206.99	0.61	0.00	0.31	17.10	-17.10	0.00	-17.10	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	15	0.00	50.47	189.90	0.56	0.00	0.28	14.24	-14.24	0.00	-14.24	0.00	0.00	0.00	0.00	0.00	0.00	0.005
Des	I	15	102.00	45.86	175.66	0.52	2.22	1.00	45.86	56.14	7.22	48.91	3.61	0.00	3.61	1.81	3.61	5.42	0.010
	II	16	304.00	49.78	224.57	0.67	6.11	1.00	49.78	254.22	53.12	201.10	26.56	1.81	28.37	14.18	26.56	40.74	0.041

Sumber : Hasil Perhitungan

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 -2.62 < 200.00 OK

Tahun 2015																			
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	23.00	47.62	300.00	0.89	0.48	0.71	33.97	-10.97	0.00	-10.97	0.00	14.18	14.18	7.09	0.00	7.09	0.012
	II	16	129.00	45.62	289.03	0.86	2.83	1.00	45.62	83.38	30.21	53.17	15.11	7.09	22.20	11.10	15.11	26.20	0.028
Peb	I	14	58.00	42.09	342.20	1.02	1.38	1.00	42.09	15.91	8.22	7.69	4.11	11.10	15.21	7.60	4.11	11.71	0.017
	II	14	62.00	43.06	349.89	1.04	1.44	1.00	43.06	18.94	10.21	8.72	5.11	7.60	12.71	6.36	5.11	11.46	0.017
Mar	I	15	129.00	43.26	358.61	1.07	2.98	1.00	43.26	85.74	48.45	37.30	24.22	6.36	30.58	15.29	24.22	39.51	0.042
	II	16	120.00	48.23	395.91	1.18	2.49	1.00	48.23	71.77	48.03	23.74	24.02	15.29	39.30	19.65	24.02	43.67	0.044
Apr	I	15	66.00	42.74	419.64	1.25	1.54	1.00	42.74	23.26	16.94	6.32	8.47	19.65	28.12	14.06	8.47	22.53	0.022
	II	15	98.00	44.15	425.96	1.27	2.22	1.00	44.15	53.85	40.02	13.84	20.01	14.06	34.07	17.04	20.01	37.04	0.036
Mei	I	15	40.00	38.43	439.80	1.31	1.04	1.00	38.43	1.57	1.21	0.36	0.61	17.04	17.64	8.82	0.61	9.43	0.010
	II	16	39.00	42.35	440.15	1.31	0.92	0.97	41.19	-2.19	0.00	-2.19	0.00	8.82	8.82	4.41	0.00	4.41	0.005
Jun	I	15	0.00	38.03	437.96	1.30	0.00	0.65	24.74	-24.74	0.00	-24.74	0.00	4.41	4.41	2.21	0.00	2.21	0.003
	II	15	0.00	40.68	413.22	1.23	0.00	0.61	24.97	-24.97	0.00	-24.97	0.00	2.21	2.21	1.10	0.00	1.10	0.002
Jul	I	15	0.00	42.27	388.25	1.15	0.00	0.58	24.38	-24.38	0.00	-24.38	0.00	1.10	1.10	0.55	0.00	0.55	0.002
	II	16	1.00	46.26	363.88	1.08	0.02	0.55	25.46	-24.46	0.00	-24.46	0.00	0.55	0.55	0.28	0.00	0.28	0.001
Ags	I	15	3.00	41.20	339.41	1.01	0.07	0.54	22.26	-19.26	0.00	-19.26	0.00	0.28	0.28	0.14	0.00	0.14	0.001
	II	16	0.00	45.01	320.15	0.95	0.00	0.48	21.41	-21.41	0.00	-21.41	0.00	0.14	0.14	0.07	0.00	0.07	0.001
Sep	I	15	1.00	39.63	298.74	0.89	0.03	0.46	18.14	-17.14	0.00	-17.14	0.00	0.07	0.07	0.03	0.00	0.03	0.001
	II	15	6.00	36.68	281.60	0.84	0.16	0.51	18.83	-12.83	0.00	-12.83	0.00	0.03	0.03	0.02	0.00	0.02	0.001
Okt	I	15	0.00	52.54	268.77	0.80	0.00	0.40	20.98	-20.98	0.00	-20.98	0.00	0.02	0.02	0.01	0.00	0.01	0.005
	II	16	0.00	57.56	247.79	0.74	0.00	0.37	21.19	-21.19	0.00	-21.19	0.00	0.01	0.01	0.00	0.00	0.00	0.005
Nop	I	15	20.00	55.60	226.61	0.67	0.36	0.58	31.98	-11.98	0.00	-11.98	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	15	103.00	50.47	214.62	0.64	2.04	1.00	50.47	52.53	9.98	42.54	4.99	0.00	4.99	2.50	4.99	7.49	0.012
Des	I	15	109.00	45.86	257.16	0.76	2.38	1.00	45.86	63.14	17.68	45.45	8.84	2.50	11.34	5.67	8.84	14.51	0.019
	II	16	105.00	49.78	302.62	0.90	2.11	1.00	49.78	55.22	22.11	33.11	11.06	5.67	16.73	8.36	11.06	19.42	0.022

Sumber : Hasil Perhitungan



**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 -201.24 < 200.00 OK

																	Tahun 2016		
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	154.00	47.62	300.00	0.89	3.23	1.00	47.62	106.38	41.80	64.58	20.90	8.36	29.26	14.63	20.90	35.53	0.038
	II	16	125.00	45.62	364.58	1.08	2.74	1.00	45.62	79.38	46.23	33.15	23.11	14.63	37.75	18.87	23.11	41.99	0.042
Peb	I	14	155.00	42.09	397.73	1.18	3.68	1.00	42.09	112.91	76.10	36.81	38.05	18.87	56.93	28.46	38.05	66.51	0.072
	II	14	147.00	43.06	434.54	1.29	3.41	1.00	43.06	103.94	79.20	24.73	39.60	28.46	68.06	34.03	39.60	73.63	0.079
Mar	I	15	102.00	43.26	459.27	1.36	2.36	1.00	43.26	58.74	47.65	11.09	23.83	34.03	57.86	28.93	23.83	52.75	0.055
	II	16	54.00	48.23	470.36	1.40	1.12	1.00	48.23	5.77	-4.79	0.98	2.40	28.93	31.32	15.66	2.40	18.06	0.021
Apr	I	15	116.00	42.74	471.34	1.40	2.71	1.00	42.74	73.26	60.97	12.29	30.48	15.66	46.14	23.07	30.48	53.56	0.051
	II	15	12.00	44.15	483.63	1.44	0.27	0.79	35.09	-23.09	0.00	-23.09	0.00	23.07	23.07	11.54	0.00	11.54	0.012
Mei	I	15	19.00	38.43	460.54	1.37	0.49	0.84	32.29	-13.29	0.00	-13.29	0.00	11.54	11.54	5.77	0.00	5.77	0.006
	II	16	1.00	42.35	447.25	1.33	0.02	0.67	28.47	-27.47	0.00	-27.47	0.00	5.77	5.77	2.88	0.00	2.88	0.004
Jun	I	15	141.00	38.03	419.78	1.25	3.71	1.00	38.03	102.97	75.04	27.93	37.52	2.88	40.41	20.20	37.52	57.73	0.055
	II	15	86.00	40.68	447.71	1.33	2.11	1.00	40.68	45.32	35.77	9.55	17.88	20.20	38.09	19.04	17.88	36.93	0.036
Jul	I	15	36.00	42.27	457.26	1.36	0.85	0.95	40.26	-4.26	0.00	-4.26	0.00	19.04	19.04	9.52	0.00	9.52	0.010
	II	16	19.00	46.26	453.00	1.35	0.41	0.81	37.34	-18.34	0.00	-18.34	0.00	9.52	9.52	4.76	0.00	4.76	0.005
Ags	I	15	11.00	41.20	434.66	1.29	0.27	0.74	30.50	-19.50	0.00	-19.50	0.00	4.76	4.76	2.38	0.00	2.38	0.003
	II	16	3.00	45.01	415.16	1.23	0.07	0.64	28.91	-25.91	0.00	-25.91	0.00	2.38	2.38	1.19	0.00	1.19	0.002
Sep	I	15	41.00	39.63	389.25	1.16	1.03	1.00	39.63	1.37	0.89	0.48	0.45	1.19	1.64	0.82	0.45	1.26	0.002
	II	15	162.00	36.68	389.72	1.16	4.42	1.00	36.68	125.32	81.81	43.51	40.90	0.82	41.72	20.86	40.90	61.76	0.059
Okt	I	15	74.00	52.54	433.24	1.29	1.41	1.00	52.54	21.46	16.29	5.17	8.15	20.86	29.01	14.50	8.15	22.65	0.026
	II	16	111.00	57.56	438.40	1.30	1.93	1.00	57.56	53.44	41.16	12.28	20.58	14.50	35.08	17.54	20.58	38.12	0.039
Nop	I	15	50.00	55.60	450.68	1.34	0.90	0.97	53.75	-3.75	0.00	-3.75	0.00	17.54	17.54	8.77	0.00	8.77	0.013
	II	15	244.00	50.47	446.93	1.33	4.83	1.00	50.47	193.53	152.44	41.09	76.22	8.77	84.99	42.50	76.22	118.72	0.117
Des	I	15	139.00	45.86	488.02	1.45	3.03	1.00	45.86	93.14	79.92	13.22	39.96	42.50	82.46	41.23	39.96	81.19	0.081
	II	16	123.00	49.78	501.24	1.49	2.47	1.00	49.78	73.22	64.15	9.07	32.08	41.23	73.31	36.65	32.08	68.73	0.066

Sumber : Hasil Perhitungan

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 -155.55 < 200.00 OK

Tahun 2017																			
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	84.00	47.62	300.00	0.89	1.76	1.00	47.62	36.38	14.30	22.09	7.15	36.65	43.80	21.90	7.15	29.05	0.032
	II	16	293.00	45.62	322.09	0.96	6.42	1.00	45.62	247.38	113.05	134.33	56.53	21.90	78.43	39.21	56.53	95.74	0.089
Peb	I	14	382.00	42.09	456.42	1.36	9.08	1.00	42.09	339.91	273.95	65.96	136.97	39.21	176.19	88.09	136.97	225.07	0.232
	II	14	37.00	43.06	522.38	1.55	0.86	0.97	41.71	-4.71	0.00	-4.71	0.00	88.09	88.09	44.05	0.00	44.05	0.049
Mar	I	15	46.00	43.26	517.67	1.54	1.06	1.00	43.26	2.74	2.46	0.29	1.23	44.05	45.27	22.64	1.23	23.87	0.027
	II	16	106.00	48.23	517.96	1.54	2.20	1.00	48.23	57.77	51.77	6.00	25.89	22.64	48.52	24.26	25.89	50.15	0.049
Apr	I	15	52.00	42.74	523.96	1.56	1.22	1.00	42.74	9.26	8.36	0.90	4.18	24.26	28.44	14.22	4.18	18.40	0.018
	II	15	75.00	44.15	524.86	1.56	1.70	1.00	44.15	30.85	27.88	2.98	13.94	14.22	28.16	14.08	13.94	28.02	0.027
Mei	I	15	1.00	38.43	527.84	1.57	0.03	0.79	30.35	-29.35	0.00	-29.35	0.00	14.08	14.08	7.04	0.00	7.04	0.008
	II	16	4.00	42.35	498.49	1.48	0.09	0.76	32.40	-28.40	0.00	-28.40	0.00	7.04	7.04	3.52	0.00	3.52	0.004
Jun	I	15	15.00	38.03	470.09	1.40	0.39	0.82	31.08	-16.08	0.00	-16.08	0.00	3.52	3.52	1.76	0.00	1.76	0.003
	II	15	66.00	40.68	454.01	1.35	1.62	1.00	40.68	25.32	20.29	5.03	10.15	1.76	11.91	5.95	10.15	16.10	0.016
Jul	I	15	59.00	42.27	459.04	1.36	1.40	1.00	42.27	16.73	13.57	3.17	6.78	5.95	12.74	6.37	6.78	13.15	0.013
	II	16	0.00	46.26	462.21	1.37	0.00	0.69	31.76	-31.76	0.00	-31.76	0.00	6.37	6.37	3.18	0.00	3.18	0.004
Ags	I	15	5.00	41.20	430.45	1.28	0.12	0.68	28.15	-23.15	0.00	-23.15	0.00	3.18	3.18	1.59	0.00	1.59	0.002
	II	16	1.00	45.01	407.30	1.21	0.02	0.61	27.63	-26.63	0.00	-26.63	0.00	1.59	1.59	0.80	0.00	0.80	0.002
Sep	I	15	0.00	39.63	380.67	1.13	0.00	0.57	22.41	-22.41	0.00	-22.41	0.00	0.80	0.80	0.40	0.00	0.40	0.001
	II	15	9.00	36.68	358.26	1.06	0.25	0.65	23.73	-14.73	0.00	-14.73	0.00	0.40	0.40	0.20	0.00	0.20	0.001
Okt	I	15	79.00	52.54	343.53	1.02	1.50	1.00	52.54	26.46	13.78	12.69	6.89	0.20	7.09	3.54	6.89	10.43	0.015
	II	16	17.00	57.56	356.21	1.06	0.30	0.67	38.46	-21.46	0.00	-21.46	0.00	3.54	3.54	1.77	0.00	1.77	0.007
Nop	I	15	105.00	55.60	334.75	0.99	1.89	1.00	55.60	49.40	24.43	24.97	12.21	1.77	13.99	6.99	12.21	19.21	0.023
	II	15	271.00	50.47	359.72	1.07	5.37	1.00	50.47	220.53	125.32	95.21	62.66	6.99	69.65	34.83	62.66	97.48	0.097
Des	I	15	49.00	45.86	454.93	1.35	1.07	1.00	45.86	3.14	2.52	0.62	1.26	34.83	36.09	18.04	1.26	19.30	0.023
	II	16	344.00	49.78	455.55	1.35	6.91	1.00	49.78	294.22	236.65	57.57	118.33	18.04	136.37	68.18	118.33	186.51	0.170

Sumber : Hasil Perhitungan

**POTENSI INFLOW EMBUNG BUNUMBANG MENGGUNAKAN MODEL NRECA**

CA : Embung Bunumbang  
 DAS : Dodokan  
 WS : Lombok

Luas DTA (A) : 1.220 km<sup>2</sup>  
 Hujan Tahunan : 1183.00 mm  
 NOM : 336.60 mm

Parameter Model :	
PSUB (P1)	0.50
GWF (P2)	0.50
SMS	300
GWS	300

Kontrol :	
Q CIA	0.72 juta m3
Q avg	0.54 juta m3

Kontrol Kelengasan < 200  
 101.79 < 200.00 OK

Tahun 2018																			
Bulan	Σhari	Hujan mm	PET mm	SMS mm	Sr	P/PET	AET/PET	AET mm	P - AET mm	excm mm	ΔStorage mm	Rech mm	GWS <sub>awal</sub> mm	GWS <sub>akhir</sub> mm	GF mm	DF mm	Σaliran <sub>model</sub> mm	Q <sub>model</sub> m <sup>3</sup> /detik	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	
Jan	I	15	296.00	47.62	300.00	0.89	6.22	1.00	47.62	248.38	97.60	150.78	48.80	68.18	116.99	58.49	48.80	107.29	0.106
	II	16	298.00	45.62	450.78	1.34	6.53	1.00	45.62	252.38	200.71	51.67	100.35	58.49	158.85	79.42	100.35	179.78	0.164
Peb	I	14	180.00	42.09	502.46	1.49	4.28	1.00	42.09	137.91	121.04	16.86	60.52	79.42	139.95	69.97	60.52	130.49	0.137
	II	14	44.00	43.06	519.32	1.54	1.02	1.00	43.06	0.94	0.84	0.10	0.42	69.97	70.39	35.20	0.42	35.62	0.041
Mar	I	15	131.00	43.26	519.42	1.54	3.03	1.00	43.26	87.74	78.77	8.97	39.39	35.20	74.58	37.29	39.39	76.68	0.077
	II	16	54.00	48.23	528.39	1.57	1.12	1.00	48.23	5.77	5.23	0.54	2.62	37.29	39.91	19.95	2.62	22.57	0.025
Apr	I	15	25.00	42.74	528.92	1.57	0.58	0.91	38.94	-13.94	0.00	-13.94	0.00	19.95	19.95	9.98	0.00	9.98	0.010
	II	15	0.00	44.15	514.99	1.53	0.00	0.76	33.77	-33.77	0.00	-33.77	0.00	9.98	9.98	4.99	0.00	4.99	0.006
Mei	I	15	0.00	38.43	481.21	1.43	0.00	0.71	27.47	-27.47	0.00	-27.47	0.00	4.99	4.99	2.49	0.00	2.49	0.003
	II	16	0.00	42.35	453.74	1.35	0.00	0.67	28.54	-28.54	0.00	-28.54	0.00	2.49	2.49	1.25	0.00	1.25	0.002
Jun	I	15	0.00	38.03	425.20	1.26	0.00	0.63	24.02	-24.02	0.00	-24.02	0.00	1.25	1.25	0.62	0.00	0.62	0.002
	II	15	7.00	40.68	401.18	1.19	0.17	0.67	27.07	-20.07	0.00	-20.07	0.00	0.62	0.62	0.31	0.00	0.31	0.001
Jul	I	15	0.00	42.27	381.11	1.13	0.00	0.57	23.93	-23.93	0.00	-23.93	0.00	0.31	0.31	0.16	0.00	0.16	0.001
	II	16	0.00	46.26	357.18	1.06	0.00	0.53	24.54	-24.54	0.00	-24.54	0.00	0.16	0.16	0.08	0.00	0.08	0.001
Ags	I	15	5.00	41.20	332.64	0.99	0.12	0.56	22.89	-17.89	0.00	-17.89	0.00	0.08	0.08	0.04	0.00	0.04	0.001
	II	16	0.00	45.01	314.75	0.94	0.00	0.47	21.05	-21.05	0.00	-21.05	0.00	0.04	0.04	0.02	0.00	0.02	0.001
Sep	I	15	22.00	39.63	293.70	0.87	0.56	0.75	29.69	-7.69	0.00	-7.69	0.00	0.02	0.02	0.01	0.00	0.01	0.001
	II	15	0.00	36.68	286.01	0.85	0.00	0.42	15.58	-15.58	0.00	-15.58	0.00	0.01	0.01	0.00	0.00	0.00	0.001
Okt	I	15	0.00	52.54	270.43	0.80	0.00	0.40	21.10	-21.10	0.00	-21.10	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	16	2.00	57.56	249.32	0.74	0.03	0.39	22.58	-20.58	0.00	-20.58	0.00	0.00	0.00	0.00	0.00	0.00	0.005
Nop	I	15	33.00	55.60	228.75	0.68	0.59	0.73	40.68	-7.68	0.00	-7.68	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	15	5.00	50.47	221.07	0.66	0.10	0.39	19.93	-14.93	0.00	-14.93	0.00	0.00	0.00	0.00	0.00	0.00	0.005
Des	I	15	20.00	45.86	206.13	0.61	0.44	0.61	27.92	-7.92	0.00	-7.92	0.00	0.00	0.00	0.00	0.00	0.00	0.005
	II	16	17.00	49.78	198.21	0.59	0.34	0.54	26.65	-9.65	0.00	-9.65	0.00	0.00	0.00	0.00	0.00	0.00	0.005

Sumber : Hasil Perhitungan



**Perhitungan Kebutuhan Air Irigasi untuk DI. Bunumbang**

Pola Tanam : Padi - Palawija - Bero  
 Awal Pengolahan Lahan (Land Preparation) : Nop I  
 Efisiensi Total : 0.65

No.	Deskripsi	Satuan	Nop		Des		Jan		Feb		Mar		Apr		Mei		Jun		Jul		Agust		Sep		Okt		Nop		
			I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I		
1	Pola Tata Tanam																												
2	Jumlah Hari	hari	15	15	15	16	15	16	14	14	15	16	15	15	15	16	15	15	15	16	15	16	15	15	16	15	15	16	15
3	Evapotranspirasi (ETo)	mm/hari	3.82	3.55	3.09	3.13	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.73	2.46	3.54	3.64	3.64	15	
4	Evaporasi selama LP (Eo)	mm/hari	4.20	3.90	3.40							3.34	3.18	3.34															
5	ET crop = kc x Eto	mm/hari			1.70	3.44	3.51	3.01	3.02	1.47	0.00				2.83	2.89	2.73	2.86	1.35	0.00									
6	Perkolasi (P)	mm/hari	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
7	Kebutuhan Air Tambahan (M)	mm/hari	6.20	5.90	5.40							5.34	5.18	5.34															
8	k = M*T/S		0.74	0.71	0.65							0.64	0.62	0.64															
9	Pengolahan Lahan (Land Preparation) (LP)	mm/hari	11.81	11.63	11.32							11.29	11.19	11.29															
	Faktor Luas untuk LP		0.50	1.00	0.50							0.50	1.00	0.50															
10	CH Andalan 80% (R80)	mm	15.2	5.8	21.2	37.8	40.8	34.8	48.4	10.0	47.8	33.6	12.6	3.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	CH Efektif untuk Padi	mm/hari	0.71	0.27	0.99	1.65	1.90	1.52	2.42	0.50	2.23	1.47	0.59	0.17	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	CH Andalan 50% (R50)	mm	33.0	36.0	76.0	100.0	77.0	90.0	105.0	44.0	93.0	55.0	66.0	16.0	10.0	11.0	0.0	6.0	1.0	1.0	0.0	0.0	0.0	1.0	2.0	7.0	7.0		
13	CH Efektif untuk Palawija	mm/hari	1.54	1.68	3.55	4.38	3.59	3.94	5.25	2.20	4.34	2.41	3.08	0.75	0.47	0.48	0.00	0.28	0.05	0.04	0.00	0.00	0.00	0.05	0.09	0.31	0.31		
14	Penggantian Air (WLR) :	mm/hari				1.67	1.67	1.67	1.67					1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	
15	Koefisien Tanaman Padi :																												
	- c1	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00											
	- c2	-	LP	LP	1.10	1.10	1.10	1.05	1.05	0.95	0.00	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00										
	Rerata Koef. Tanaman Padi	-	LP	LP	0.55	1.10	1.08	1.05	1.00	0.48	0.00	LP	LP	LP	1.10	1.08	1.05	1.00	0.48	0.00									
16	Koefisien Tanaman Palawija :																												
	- c1	-									0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	1.00	0.82	0.45					
	- c2	-									0.50	0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	1.00	0.82	0.45				
	Rerata Koef. Tanaman Palawija	-									0.25	0.63	0.88	1.00	0.91	0.64	0.23		0.25	0.63	0.88	1.00	0.91	0.64	0.23				
18	Penggunaan Komsumsi untuk Padi	mm/hari	0.00	0.00	1.70	3.44	3.51	3.01	3.02	1.47	0.00	0.00	0.00	0.00	2.83	2.89	2.73	2.86	1.35	0.00									
19	Penggunaan Komsumsi untuk Palawija	mm/hari										0.76	1.80	2.66	2.57	2.44	1.65	0.64	0.73	1.74	2.47	2.73	2.24	2.25	0.82	0.82	0.82		
20	NFR untuk Padi	mm/hari	5.55	11.36	7.89	5.45	5.27	5.15	4.27	2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
21	NFR untuk Palawija	mm/hari										0.00	0.00	1.91	2.10	1.96	1.65	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22	Net Field Requirement (NFR) untuk Padi	lt/dt/Ha	0.64	1.31	0.91	0.63	0.61	0.60	0.49	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Net Field Requirement (NFR) untuk Palawija	lt/dt/Ha										0.00	0.00	0.22	0.24	0.23	0.19	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	<b>Total N F R</b>	lt/dt/Ha	<b>0.64</b>	<b>1.31</b>	<b>0.91</b>	<b>0.63</b>	<b>0.61</b>	<b>0.60</b>	<b>0.49</b>	<b>0.34</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.22</b>	<b>0.24</b>	<b>0.23</b>	<b>0.19</b>	<b>0.04</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>		
23	Diversion Requirement (DR) untuk Padi	lt/dt/Ha	0.99	2.03	1.41	0.97	0.94	0.92	0.76	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Diversion Requirement (DR) untuk Palawija	lt/dt/Ha										0.00	0.00	0.34	0.38	0.35	0.29	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	<b>Total D R</b>	lt/dt/Ha	<b>0.99</b>	<b>2.03</b>	<b>1.41</b>	<b>0.97</b>	<b>0.94</b>	<b>0.92</b>	<b>0.76</b>	<b>0.53</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.34</b>	<b>0.38</b>	<b>0.35</b>	<b>0.29</b>	<b>0.06</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>		

Sumber : Hasil Perhitungan

**Perhitungan Kebutuhan Air Irigasi untuk DI. Bunumbang**

Pola Tanam : Padi - Palawija - Bero  
 Awal Pengolahan Lahan (Land Preparation) : Nop II  
 Efisiensi Total : 0.65

No.	Deskripsi	Satuan	Nop		Des		Jan		Peb		Mar		Apr		Mei		Jun		Jul		Agt		Sep		Okt		Nop			
			II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	
1	Pola Tata Tanam																													
2	Jumlah Hari	hari	15	15	16	15	16	14	14	15	16	15	15	15	16	15	15	15	16	15	16	15	15	15	16	15	16	15	15	
3	Evapotranspirasi (ETo)	mm/hari	3.55	3.09	3.13	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.73	2.46	3.54	3.64	3.82	3.82	3.82		
4	Evaporasi selama LP (Eo)	mm/hari	3.90	3.40	3.44							3.18	3.34	2.83																
5	ET crop = kc x Eto	mm/hari			1.72	3.59	3.08	3.17	3.10	1.38	0.00				2.95	2.79	3.00	2.83	1.38	0.00										
6	Perkolasi (P)	mm/hari	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
7	Kebutuhan Air Tambahan (M)	mm/hari	8.90	8.40	8.44							8.18	8.34	7.83																
8	k = M*/T/S		1.07	1.01	1.01							0.98	1.00	0.94																
9	Pengolahan Lahan (Land Preparation) (LP)	mm/hari	13.56	13.23	13.25							13.08	13.19	12.85																
	Faktor Luas untuk LP		0.50	1.00	0.50							0.50	1.00	0.50																
10	CH Andalan 80% (R80)	mm	5.8	21.2	37.8	40.8	34.8	48.4	10.0	47.8	33.6	12.6	3.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2		
11	CH Efektif untuk Padi	mm/hari	0.27	0.99	1.65	1.90	1.52	2.42	0.50	2.23	1.47	0.59	0.17	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71		
12	CH Andalan 50% (R50)	mm	36.0	76.0	100.0	77.0	90.0	105.0	44.0	93.0	55.0	66.0	16.0	10.0	11.0	0.0	6.0	1.0	1.0	0.0	0.0	0.0	1.0	2.0	7.0	33.0	33.0			
13	CH Efektif untuk Palawija	mm/hari	1.68	3.55	4.38	3.59	3.94	5.25	2.20	4.34	2.41	3.08	0.75	0.47	0.48	0.00	0.28	0.05	0.04	0.00	0.00	0.00	0.05	0.09	0.31	1.54	1.54			
14	Penggantian Air (WLR) :	mm/hari				1.67	1.67	1.67	1.67						1.67	1.67	1.67	1.67	1.67											
15	Koefisien Tanaman Padi :																													
	- c1	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00											
	- c2	-		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00										
16	Rerata Koef. Tanaman Padi	-	LP	LP	0.55	1.10	1.08	1.05	1.00	0.48	0.00	LP	LP	LP	1.10	1.08	1.05	1.00	0.48	0.00										
	Koefisien Tanaman Palawija :																													
	- c1	-										0.50	0.75	1.00	1.00	0.82	0.45		0.50	0.75	1.00	1.00	0.82	0.45						
	- c2	-										0.50	0.75	1.00	1.00	0.82	0.45		0.50	0.75	1.00	1.00	0.82	0.45			0.45			
17	Rerata Koef. Tanaman Palawija	-										0.25	0.63	0.88	1.00	0.91	0.64	0.23		0.25	0.63	0.88	1.00	0.91	0.64	0.23	0.23			
18	Penggunaan Komsumsi untuk Padi	mm/hari	0.00	0.00	1.72	3.59	3.08	3.17	3.10	1.38	0.00	0.00	0.00	0.00	2.95	2.79	3.00	2.83	1.38	0.00										
19	Penggunaan Komsumsi untuk Palawija	mm/hari										0.72	1.90	2.25	2.69	2.36	1.81	0.64	0.69	1.77	2.39	2.46	3.23	2.31	0.86	0.86	0.86			
20	NFR untuk Padi	mm/hari	6.65	12.24	9.97	8.35	8.22	7.42	9.26	4.15	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
21	NFR untuk Palawija	mm/hari										0.00	1.15	1.78	2.20	2.36	1.53	0.59		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
22	Net Field Requirement (NFR) untuk Padi	lt/dt/Ha	0.77	1.42	1.15	0.97	0.95	0.86	1.07	0.48	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	Net Field Requirement (NFR) untuk Palawija	lt/dt/Ha										0.00	0.13	0.21	0.26	0.27	0.18	0.07		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	<b>Total NFR</b>	lt/dt/Ha	<b>0.77</b>	<b>1.42</b>	<b>1.15</b>	<b>0.97</b>	<b>0.95</b>	<b>0.86</b>	<b>1.07</b>	<b>0.48</b>	<b>0.20</b>	<b>0.00</b>	<b>0.13</b>	<b>0.21</b>	<b>0.26</b>	<b>0.27</b>	<b>0.18</b>	<b>0.07</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>			
23	Diversion Requirement (DR) untuk Padi	lt/dt/Ha	1.19	2.19	1.78	1.49	1.47	1.33	1.65	0.74	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	Diversion Requirement (DR) untuk Palawija	lt/dt/Ha										0.00	0.21	0.32	0.39	0.42	0.27	0.11		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	<b>Total DR</b>	lt/dt/Ha	<b>1.19</b>	<b>2.19</b>	<b>1.78</b>	<b>1.49</b>	<b>1.47</b>	<b>1.33</b>	<b>1.65</b>	<b>0.74</b>	<b>0.32</b>	<b>0.00</b>	<b>0.21</b>	<b>0.32</b>	<b>0.39</b>	<b>0.42</b>	<b>0.27</b>	<b>0.11</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>			

Sumber : Hasil Perhitungan

**Perhitungan Kebutuhan Air Irigasi untuk DI. Bunumbang**

Pola Tanam : Padi - Palawija - Bero  
 Awal Pengolahan Lahan (Land Preparation) : Des I  
 Efisiensi Total : 0.65

No.	Deskripsi	Satuan	Des		Jan		Peb		Mar		Apr		Mei		Jun		Jul		Agt		Sep		Okt		Nop		Des
			I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I
1	Pola Tata Tanam		LP		Padi 100%								Palawija 100%				Palawija 0%										
2	Jumlah Hari	hari	15	16	15	16	14	14	15	16	15	15	16	15	15	15	16	15	16	15	15	15	16	15	15	15	15
3	Evapotranspirasi (ETo)	mm/hari	3.09	3.13	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.73	2.46	3.54	3.64	3.82	3.55	15
4	Evaporasi selama LP (Eo)	mm/hari	3.40	3.44	3.59							3.34	2.83	2.95													
5	ET crop = kc x Eto	mm/hari			1.79	3.15	3.25	3.25	2.90	1.44	0.00																
6	Perkolasi (P)	mm/hari	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00						
7	Kebutuhan Air Tambahan (M)	mm/hari	8.40	8.44	8.59							8.34	7.83	7.95													
8	k = M*T/S		1.01	1.01	1.03							1.00	0.94	0.95													
9	Pengolahan Lahan (Land Preparation) (LP)	mm/hari	13.23	13.25	13.35							13.19	12.85	12.93													
	Faktor Luas untuk LP		0.50	1.00	0.50							0.50	1.00	0.50													
10	CH Andalan 80% (R80)	mm	21.2	37.8	40.8	34.8	48.4	10.0	47.8	33.6	12.6	3.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	5.8
11	CH Efektif untuk Padi	mm/hari	0.99	1.65	1.90	1.52	2.42	0.50	2.23	1.47	0.59	0.17	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.27
12	CH Andalan 50% (R50)	mm	76.0	100.0	77.0	90.0	105.0	44.0	93.0	55.0	66.0	16.0	10.0	11.0	0.0	6.0	1.0	1.0	0.0	0.0	1.0	2.0	7.0	33.0	36.0		
13	CH Efektif untuk Palawija	mm/hari	3.55	4.38	3.59	3.94	5.25	2.20	4.34	2.41	3.08	0.75	0.47	0.48	0.00	0.28	0.05	0.04	0.00	0.00	0.00	0.05	0.09	0.31	1.54	1.68	
14	Penggantian Air (WLR) :	mm/hari				1.67	1.67	1.67	1.67					1.67	1.67	1.67	1.67	1.67									
15	Koefisien Tanaman Padi :																										
-	c1	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00								
-	c2	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00								
	Rerata Koef. Tanaman Padi	-	LP	LP	0.55	1.10	1.08	1.05	1.00	0.48	0.00	LP	LP	LP	1.10	1.08	1.05	1.00									
16	Koefisien Tanaman Palawija :																										
-	c1	-										0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	1.00	0.82	0.45		
-	c2	-										0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	1.00	0.82	0.45		
	Rerata Koef. Tanaman Palawija	-										0.25	0.63	0.88	1.00	0.91	0.64	0.23		0.25	0.63	0.88	1.00	0.91	0.64	0.23	
17	Penggunaan Komsumsi untuk Padi	mm/hari	0.00	0.00	1.79	3.15	3.25	3.25	2.90	1.44	0.00	0.00	0.00	0.00	2.86	3.07	2.98	2.91	1.32	0.00							
18	Penggunaan Komsumsi untuk Palawija	mm/hari										0.76	1.61	2.35	2.60	2.60	1.80	0.65		0.71	1.71	2.15	3.54	3.31	2.42	0.80	
19	NFR untuk Padi	mm/hari	6.12	11.60	9.87	8.30	7.49	9.42	7.33	4.97	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
20	NFR untuk Palawija	mm/hari										0.01	1.14	1.87	2.60	2.32	1.75	0.61									
22	Net Field Requirement (NFR) untuk Padi	lt/dt/Ha	0.71	1.34	1.14	0.96	0.87	1.09	0.85	0.58	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
	Net Field Requirement (NFR) untuk Palawija	LP																									
	<b>Total NFR</b>	lt/dt/Ha	<b>0.71</b>	<b>1.34</b>	<b>1.14</b>	<b>0.96</b>	<b>0.87</b>	<b>1.09</b>	<b>0.85</b>	<b>0.58</b>	<b>0.26</b>	<b>0.00</b>	<b>0.13</b>	<b>0.22</b>	<b>0.30</b>	<b>0.27</b>	<b>0.20</b>	<b>0.07</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>
23	Diversion Requirement (DR) untuk Padi	lt/dt/Ha	1.09	2.07	1.76	1.48	1.34	1.68	1.31	0.89	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
	Diversion Requirement (DR) untuk Palawija	lt/dt/Ha										0.00	0.20	0.33	0.46	0.41	0.31	0.11		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	<b>Total DR</b>	lt/dt/Ha	<b>1.09</b>	<b>2.07</b>	<b>1.76</b>	<b>1.48</b>	<b>1.34</b>	<b>1.68</b>	<b>1.31</b>	<b>0.89</b>	<b>0.39</b>	<b>0.00</b>	<b>0.20</b>	<b>0.33</b>	<b>0.46</b>	<b>0.41</b>	<b>0.31</b>	<b>0.11</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>

Sumber : Hasil Perhitungan

**Perhitungan Kebutuhan Air Irigasi untuk DI. Bunumbang**

Pola Tanam : Padi - Palawija - Bero  
 Awal Pengolahan Lahan (Land Preparation) : Des II  
 Efisiensi Total : 0.65

No.	Deskripsi	Satuan	Des		Jan		Feb		Mar		Apr		Mei		Juni		Juli		Agustus		Sept		Okt		Nov		Des			
			II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	
1	Pola Tata Tanam																													
2	Jumlah Hari	hari	16	15	16	14	14	15	15	15	15	15	16	15	15	15	16	15	16	15	16	15	15	16	15	15	16	15	16	
3	Evapotranspirasi (ETo)	mm/hari	3.13	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.73	2.46	3.54	3.64	3.82	3.55	3.09		16		
4	Evaporasi selama LP (Eo)	mm/hari	3.44	3.59	3.15								2.83	2.95	2.86															
5	ET crop = kc x Eto	mm/hari			1.58	3.32	3.33	3.04	3.04	1.37	0.00				3.14	3.05	3.05	2.78	1.34	0.00										
6	Perkolasi (P)	mm/hari	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
7	Kebutuhan Air Tambahan (M)	mm/hari	8.44	8.59	8.15								7.83	7.95	7.86															
8	k = M*T/S		1.01	1.03	0.98								0.94	0.95	0.94															
9	Pengolahan Lahan (Land Preparation) (LP)	mm/hari	13.25	13.35	13.06							12.85	12.93	12.87																
	Faktor Luas untuk LP		0.50	1.00	0.50							0.50	1.00	0.50																
10	CH Andalan 80% (R80)	mm	37.8	40.8	34.8	48.4	10.0	47.8	33.6	12.6	3.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	5.8	21.2		
11	CH Efektif untuk Padi	mm/hari	1.65	1.90	1.52	2.42	0.50	2.23	1.57	0.59	0.17	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.27	0.99		
12	CH Andalan 50% (R50)	mm	100.0	77.0	90.0	105.0	44.0	93.0	55.0	66.0	16.0	10.0	11.0	0.0	6.0	1.0	1.0	0.0	0.0	0.0	1.0	2.0	7.0	33.0	36.0	76.0				
13	CH Efektif untuk Palawija	mm/hari	4.38	3.59	3.94	5.25	2.20	4.34	2.57	3.08	0.75	0.47	0.48	0.00	0.28	0.05	0.04	0.00	0.00	0.00	0.05	0.09	0.31	1.54	1.68	3.55				
14	Penggantian Air (WLR) :	mm/hari				1.67	1.67	1.67	1.67					1.67	1.67	1.67	1.67	1.67												
15	Koefisien Tanaman Padi :																													
	- c1	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00											
	- c2	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00											
	Rerata Koef. Tanaman Padi	-	LP	LP	0.55	1.10	1.08	1.05	1.00	0.48	0.00	LP	LP	LP	1.10	1.08	1.05	1.00	0.48	0.00										
16	Koefisien Tanaman Palawija :																													
	- c1	-										0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	1.00	0.82	0.45	0.50	0.75	1.00		
	- c2	-										0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	1.00	0.82	0.45	0.50	0.75	1.00		
	Rerata Koef. Tanaman Palawija	-										0.25	0.63	0.88	1.00	0.91	0.64	0.23		0.25	0.63	0.88	1.00	0.91	0.64	0.23	0.25	0.63		
17	Penggunaan Komsumsi untuk Padi	mm/hari	0.00	0.00	1.58	3.32	3.33	3.04	3.04	1.37	0.00	0.00	0.00	0.00	3.14	3.05	3.05	2.78	1.34	0.00										
18	Penggunaan Komsumsi untuk Palawija	mm/hari										0.64	1.68	2.27	2.86	2.58	1.85	0.63		0.68	1.54	3.10	3.64	3.47	2.25	0.70				
20	NFR untuk Padi	mm/hari	5.80	11.45	9.56	7.57	9.50	7.48	8.13	5.78	2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
21	NFR untuk Palawija	mm/hari										0.18	1.20	2.27	2.58	2.53	1.80	0.63		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22	Net Field Requirement (NFR) untuk Padi	lt/dt/Ha	0.67	1.32	1.11	0.88	1.10	0.87	0.94	0.67	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Net Field Requirement (NFR) untuk Palawija	lt/dt/Ha										0.02	0.14	0.26	0.30	0.29	0.21	0.07		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	<b>Total NFR</b>	lt/dt/Ha	<b>0.67</b>	<b>1.32</b>	<b>1.11</b>	<b>0.88</b>	<b>1.10</b>	<b>0.87</b>	<b>0.94</b>	<b>0.67</b>	<b>0.28</b>	<b>0.02</b>	<b>0.14</b>	<b>0.26</b>	<b>0.30</b>	<b>0.29</b>	<b>0.21</b>	<b>0.07</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>		
23	Diversion Requirement (DR) untuk Padi	lt/dt/Ha	1.04	2.04	1.71	1.35	1.70	1.34	1.45	1.03	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Diversion Requirement (DR) untuk Palawija	lt/dt/Ha										0.03	0.21	0.41	0.46	0.45	0.32	0.11		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	<b>Total DR</b>	lt/dt/Ha	<b>1.04</b>	<b>2.04</b>	<b>1.71</b>	<b>1.35</b>	<b>1.70</b>	<b>1.34</b>	<b>1.45</b>	<b>1.03</b>	<b>0.43</b>	<b>0.03</b>	<b>0.21</b>	<b>0.41</b>	<b>0.46</b>	<b>0.45</b>	<b>0.32</b>	<b>0.11</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>		

Sumber : Hasil Perhitungan



**Perhitungan Kebutuhan Air Irigasi untuk DI. Bunumbang**

Pola Tanam : Padi - Padi+Palawija - Bero  
 Awal Pengolahan Lahan (Land Preparation) : Nop I  
 Efisiensi Total : 0.65

No.	Deskripsi	Satuan	Nop		Des		Jan		Feb		Mar		Apr		Mei		Jun		Jul		Agust		Sep		Okt		Nop			
			I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I			
1	Pola Tata Tanam																													
2	Jumlah Hari	hari	15	15	15	16	15	16	14	14	15	16	15	15	15	16	15	15	15	16	15	15	15	15	15	15	15	15		
3	Evapotranspirasi (ETo)	mm/hari	3.82	3.55	3.09	3.13	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.73	2.46	3.54	3.64	15			
4	Evaporasi selama LP (Eo)	mm/hari	4.20	3.90	3.40							3.34	3.18	3.34																
5	ET crop = kc x Eto	mm/hari			1.70	3.44	3.51	3.01	3.02	1.47	0.00				2.83	2.89	2.73	2.86	1.35	0.00										
6	Perkolasi (P)	mm/hari	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00			
7	Kebutuhan Air Tambahan (M)	mm/hari	6.20	5.90	5.40							5.34	5.18	5.34																
8	k = M*T/S		0.74	0.71	0.65							0.64	0.62	0.64																
9	Pengolahan Lahan (Land Preparation) (LP)	mm/hari	11.81	11.63	11.32							11.29	11.19	11.29																
	Faktor Luas untuk LP		0.50	1.00	0.50							0.50	1.00	0.50																
10	CH Andalan 80% (R80)	mm	15.2	5.8	21.2	37.8	40.8	34.8	48.4	10.0	47.8	33.6	12.6	3.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
11	CH Efektif untuk Padi	mm/hari	0.71	0.27	0.99	1.65	1.90	1.52	2.42	0.50	2.23	1.47	0.59	0.17	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
12	CH Andalan 50% (R50)	mm	33.0	36.0	76.0	100.0	77.0	90.0	105.0	44.0	93.0	55.0	66.0	16.0	10.0	11.0	0.0	6.0	1.0	1.0	0.0	0.0	1.0	2.0	7.0					
13	CH Efektif untuk Palawija	mm/hari	1.54	1.68	3.55	4.38	3.59	3.94	5.25	2.20	4.34	2.41	3.08	0.75	0.47	0.48	0.00	0.28	0.05	0.04	0.00	0.00	0.00	0.05	0.09	0.31				
14	Penggantian Air (WLR) :	mm/hari				1.67	1.67	1.67	1.67					1.67	1.67	1.67	1.67													
15	Koefisien Tanaman Padi :																													
	- c1	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00												
	- c2	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00												
	Rerata Koef. Tanaman Padi	-	LP	LP	0.55	1.10	1.08	1.05	1.00	0.48	0.00	LP	LP	LP	1.10	1.08	1.05	1.00	0.48	0.00										
16	Koefisien Tanaman Palawija :																													
	- c1	-										0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	1.00	0.82	0.45					
	- c2	-										0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	1.00	0.82	0.45					
	Rerata Koef. Tanaman Palawija	-										0.25	0.63	0.88	1.00	0.91	0.64	0.23		0.25	0.63	0.88	1.00	0.91	0.64	0.23				
17	Penggunaan Komsumsi untuk Padi	mm/hari	0.00	0.00	1.70	3.44	3.51	3.01	3.02	1.47	0.00	0.00	0.00	0.00	2.83	2.89	2.73	2.86	1.35	0.00										
19	Penggunaan Komsumsi untuk Palawija	mm/hari										0.76	1.80	2.66	2.57	2.44	1.65	0.64		0.73	1.74	2.47	2.73	2.24	2.25	0.82				
20	NFR untuk Padi	mm/hari	5.55	11.36	7.89	5.45	5.27	5.15	4.27	2.97	0.00	0.49	1.06	0.59	0.65	0.65	0.64	0.65	0.33	0.10										
21	NFR untuk Palawija	mm/hari										0.00	0.00	1.72	1.89	1.77	1.49	0.33		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
22	Net Field Requirement (NFR) untuk Padi	lt/dt/Ha	0.64	1.31	0.91	0.63	0.61	0.60	0.49	0.34	0.00	0.06	0.12	0.07	0.08	0.08	0.07	0.08	0.04	0.01										
	Net Field Requirement (NFR) untuk Palawija	lt/dt/Ha										0.00	0.00	0.20	0.22	0.17	0.04		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
	<b>Total NFR</b>	lt/dt/Ha	<b>0.64</b>	<b>1.31</b>	<b>0.91</b>	<b>0.63</b>	<b>0.61</b>	<b>0.60</b>	<b>0.49</b>	<b>0.34</b>	<b>0.00</b>	<b>0.06</b>	<b>0.12</b>	<b>0.27</b>	<b>0.29</b>	<b>0.25</b>	<b>0.11</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>			
23	Diversion Requirement (DR) untuk Padi	lt/dt/Ha	0.99	2.03	1.41	0.97	0.94	0.92	0.76	0.53	0.00	0.09	0.19	0.11	0.12	0.12	0.11	0.12	0.06	0.02										
	Diversion Requirement (DR) untuk Palawija	lt/dt/Ha										0.00	0.00	0.31	0.34	0.32	0.27	0.06		0.00	0.00	0.00	0.00	0.00	0.00	0.00				
	<b>Total DR</b>	lt/dt/Ha	<b>0.99</b>	<b>2.03</b>	<b>1.41</b>	<b>0.97</b>	<b>0.94</b>	<b>0.92</b>	<b>0.76</b>	<b>0.53</b>	<b>0.00</b>	<b>0.09</b>	<b>0.19</b>	<b>0.41</b>	<b>0.45</b>	<b>0.43</b>	<b>0.38</b>	<b>0.17</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>			

Sumber : Hasil Perhitungan

**Perhitungan Kebutuhan Air Irigasi untuk DI. Bunumbang**

Pola Tanam : Padi - Padi+Palawija - Bero  
 Awal Pengolahan Lahan (Land Preparation) : Nop II  
 Efisiensi Total : 0.65

No.	Deskripsi	Satuan	Nop		Des		Jan		Peb		Mar		Apr		Mei		Jun		Jul		Agt		Sep		Okt		Nop		
			II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II
			1	Pola Tata Tanam																									
2	Jumlah Hari	hari	15	15	16	15	16	14	14	15	16	15	15	15	16	15	15	15	16	15	16	15	15	16	15	16	15	15	
3	Evapotranspirasi (ETo)	mm/hari	3.55	3.09	3.13	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.73	2.46	3.54	3.64	3.82	3.82		
4	Evaporasi selama LP (Eo)	mm/hari	3.90	3.40	3.44							3.18	3.34	2.83															
5	ET crop = kc x Eto	mm/hari			1.72	3.59	3.08	3.17	3.10	1.38	0.00				2.95	2.79	3.00	2.83	1.38	0.00									
6	Perkolasi (P)	mm/hari	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
7	Kebutuhan Air Tambahan (M)	mm/hari	8.90	8.40	8.44							8.18	8.34	7.83															
8	k = M*P/S		1.07	1.01	1.01							0.98	1.00	0.94															
9	Pengolahan Lahan (Land Preparation) (LP)	mm/hari	13.56	13.23	13.25							13.08	13.19	12.85															
	Faktor Luas untuk LP		0.50	1.00	0.50							0.50	1.00	0.50															
10	CH Andalan 80% (R80)	mm	5.8	21.2	37.8	40.8	34.8	48.4	10.0	47.8	33.6	12.6	3.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2
11	CH Efektif untuk Padi	mm/hari	0.27	0.99	1.65	1.90	1.52	2.42	0.50	2.23	1.47	0.59	0.17	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71
12	CH Andalan 50% (R50)	mm	36.0	76.0	100.0	77.0	90.0	105.0	44.0	93.0	55.0	66.0	16.0	10.0	11.0	0.0	6.0	1.0	1.0	0.0	0.0	0.0	1.0	2.0	7.0	33.0			
13	CH Efektif untuk Palawija	mm/hari	1.68	3.55	4.38	3.59	3.94	5.25	2.20	4.34	2.41	3.08	0.75	0.47	0.48	0.00	0.28	0.05	0.04	0.00	0.00	0.00	0.05	0.09	0.31	1.54			
14	Penggantian Air (WLR) :	mm/hari				1.67	1.67	1.67	1.67				1.67	1.67	1.67	1.67	1.67	1.67	1.67										
15	Koefisien Tanaman Padi :																												
	- c1	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00										
	- c2	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00										
16	Rerata Koef. Tanaman Padi	-	LP	LP	0.55	1.10	1.08	1.05	1.00	0.48	0.00	LP	LP	LP	1.10	1.08	1.05	1.00	0.48	0.00									
	Koefisien Tanaman Palawija :																												
	- c1	-									0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	1.00	0.82	0.45					
	- c2	-									0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	1.00	0.82	0.45					
17	Rerata Koef. Tanaman Palawija	-									0.25	0.63	0.88	1.00	0.91	0.64	0.23		0.25	0.63	0.88	1.00	0.91	0.64	0.23				
18	Penggunaan Komsumsi untuk Padi	mm/hari	0.00	0.00	1.72	3.59	3.08	3.17	3.10	1.38	0.00	0.00	0.00	0.00	2.95	2.79	3.00	2.83	1.38	0.00									
19	Penggunaan Komsumsi untuk Palawija	mm/hari									0.72	1.90	2.25	2.69	2.36	1.81	0.64		0.69	1.77	2.39	2.46	3.23	2.31	0.86				
20	NFR untuk Padi	mm/hari	6.65	12.24	9.97	8.35	8.22	7.42	9.26	4.15	1.77	0.62	1.30	0.69	0.96	0.95	0.97	0.95	0.64	0.25									
21	NFR untuk Palawija	mm/hari									0.00	1.04	1.60	1.98	2.13	1.38	0.53		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	Net Field Requirement (NFR) untuk Padi	lt/dt/Ha	0.77	1.42	1.15	0.97	0.95	0.86	1.07	0.48	0.20	0.07	0.15	0.08	0.11	0.11	0.11	0.11	0.07	0.03									
	Net Field Requirement (NFR) untuk Palawija	lt/dt/Ha									0.00	0.12	0.19	0.23	0.25	0.16	0.06		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total NFR</b>	lt/dt/Ha	<b>0.77</b>	<b>1.42</b>	<b>1.15</b>	<b>0.97</b>	<b>0.95</b>	<b>0.86</b>	<b>1.07</b>	<b>0.48</b>	<b>0.20</b>	<b>0.07</b>	<b>0.27</b>	<b>0.27</b>	<b>0.34</b>	<b>0.36</b>	<b>0.27</b>	<b>0.17</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>
23	Diversion Requirement (DR) untuk Padi	lt/dt/Ha	1.19	2.19	1.78	1.49	1.47	1.33	1.65	0.74	0.32	0.11	0.23	0.12	0.17	0.17	0.17	0.17	0.11	0.04									
	Diversion Requirement (DR) untuk Palawija	lt/dt/Ha									0.00	0.19	0.29	0.35	0.38	0.25	0.10		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total DR</b>	lt/dt/Ha	<b>1.19</b>	<b>2.19</b>	<b>1.78</b>	<b>1.49</b>	<b>1.47</b>	<b>1.33</b>	<b>1.65</b>	<b>0.74</b>	<b>0.32</b>	<b>0.11</b>	<b>0.42</b>	<b>0.41</b>	<b>0.52</b>	<b>0.55</b>	<b>0.42</b>	<b>0.26</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>

Sumber : Hasil Perhitungan

**Perhitungan Kebutuhan Air Irigasi untuk DI. Bunumbang**

Pola Tanam : Padi - Padi+Palawija - Bero  
 Awal Pengolahan Lahan (Land Preparation) : Des I  
 Efisiensi Total : 0.65

No.	Deskripsi	Satuan	Des		Jan		Peb		Mar		Apr		Mei		Jun		Jul		Agt		Sep		Okt		Nop		Des			
			I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I			
1	Pola Tata Tanam																													
2	Jumlah Hari	hari	15	16	15	16	14	14	15	16	15	15	16	15	15	16	15	16	15	16	15	15	16	15	15	16	15	15		
3	Evapotranspirasi (ETo)	mm/hari	3.09	3.13	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.73	2.46	3.54	3.64	3.82	3.55	15			
4	Evaporasi selama LP (Eo)	mm/hari	3.40	3.44	3.59							3.34	2.83	2.95																
5	ET crop = kc x Eto	mm/hari			1.79	3.15	3.25	3.25	2.90	1.44	0.00				2.86	3.07	2.98	2.91	1.32	0.00										
6	Perkolasi (P)	mm/hari	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00										
7	Kebutuhan Air Tambahan (M)	mm/hari	8.40	8.44	8.59							8.34	7.83	7.95																
8	k = M*T/S		1.01	1.01	1.03							1.00	0.94	0.95																
9	Pengolahan Lahan (Land Preparation) (LP)	mm/hari	13.23	13.25	13.35							13.19	12.85	12.93																
	Faktor Luas untuk LP		0.50	1.00	0.50							0.50	1.00	0.50																
10	CH Andalan 80% (R80)	mm	21.2	37.8	40.8	34.8	48.4	10.0	47.8	33.6	12.6	3.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	5.8				
11	CH Efektif untuk Padi	mm/hari	0.99	1.65	1.90	1.52	2.42	0.50	2.23	1.47	0.59	0.17	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.27				
12	CH Andalan 50% (R50)	mm	76.0	100.0	77.0	90.0	105.0	44.0	93.0	55.0	66.0	16.0	10.0	11.0	0.0	6.0	1.0	1.0	0.0	0.0	1.0	2.0	7.0	33.0	36.0					
13	CH Efektif untuk Palawija	mm/hari	3.55	4.38	3.59	3.94	5.25	2.20	4.34	2.41	3.08	0.75	0.47	0.48	0.00	0.28	0.05	0.04	0.00	0.00	0.00	0.05	0.09	0.31	1.54	1.68				
14	Penggantian Air (WLR) :	mm/hari				1.67	1.67	1.67	1.67					1.67	1.67	1.67	1.67	1.67												
15	Koefisien Tanaman Padi :																													
-	c1	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00											
-	c2	-		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00	LP	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00										
16	Rerata Koef. Tanaman Padi	-	LP	LP	0.55	1.10	1.08	1.05	1.00	0.48	0.00	LP	LP	LP	1.10	1.08	1.05	1.00	0.48	0.00										
17	Koefisien Tanaman Palawija :																													
-	c1	-									0.50	0.75	1.00	1.00	0.82	0.45		0.50	0.75	1.00	1.00	0.82	0.45	0.82	0.45	0.45				
-	c2	-										0.50	0.75	1.00	1.00	0.82	0.45		0.50	0.75	1.00	1.00	0.82	0.45	0.82	0.45				
18	Rerata Koef. Tanaman Palawija	-									0.25	0.63	0.88	1.00	0.91	0.64	0.23	0.25	0.63	0.88	1.00	0.91	0.64	0.23	0.23	0.23				
19	Penggunaan Komsumsi untuk Padi	mm/hari	0.00	0.00	1.79	3.15	3.25	3.25	2.90	1.44	0.00	0.00	0.00	0.00	2.86	3.07	2.98	2.91	1.32	0.00										
20	Penggunaan Komsumsi untuk Palawija	mm/hari									0.76	1.61	2.35	2.60	2.60	1.80	0.65	0.71	1.71	2.15	3.54	3.31	2.42	0.80						
21	NFR untuk Padi	mm/hari	6.12	11.60	9.87	8.30	7.49	9.42	7.33	4.97	2.21	0.65	1.29	0.69	0.95	0.97	0.96	0.96	0.63	0.25										
21	NFR untuk Palawija	mm/hari									0.01	1.03	1.68	2.34	2.09	1.58	0.55		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
22	Net Field Requirement (NFR) untuk Padi	lt/dt/Ha	0.71	1.34	1.14	0.96	0.87	1.09	0.85	0.58	0.26	0.08	0.15	0.08	0.11	0.11	0.11	0.11	0.07	0.03										
22	Net Field Requirement (NFR) untuk Palawija	lt/dt/Ha									0.00	0.12	0.19	0.27	0.24	0.18	0.06		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	<b>Total NFR</b>	lt/dt/Ha	<b>0.71</b>	<b>1.34</b>	<b>1.14</b>	<b>0.96</b>	<b>0.87</b>	<b>1.09</b>	<b>0.85</b>	<b>0.58</b>	<b>0.26</b>	<b>0.08</b>	<b>0.27</b>	<b>0.27</b>	<b>0.38</b>	<b>0.35</b>	<b>0.29</b>	<b>0.17</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>			
23	Diversion Requirement (DR) untuk Padi	lt/dt/Ha	1.09	2.07	1.76	1.48	1.34	1.68	1.31	0.89	0.39	0.12	0.23	0.12	0.17	0.17	0.17	0.11	0.04											
23	Diversion Requirement (DR) untuk Palawija	lt/dt/Ha									0.00	0.18	0.30	0.42	0.37	0.28	0.10		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	<b>Total DR</b>	lt/dt/Ha	<b>1.09</b>	<b>2.07</b>	<b>1.76</b>	<b>1.48</b>	<b>1.34</b>	<b>1.68</b>	<b>1.31</b>	<b>0.89</b>	<b>0.39</b>	<b>0.12</b>	<b>0.41</b>	<b>0.42</b>	<b>0.59</b>	<b>0.55</b>	<b>0.45</b>	<b>0.27</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>			

Sumber : Hasil Perhitungan

**Perhitungan Kebutuhan Air Irigasi untuk DI. Bunumbang**

Pola Tanam : Padi - Padi+Palawija - Bero  
 Awal Pengolahan Lahan (Land Preparation) : Des II  
 Efisiensi Total : 0.65

No.	Deskripsi	Satuan	Des		Jan		Feb		Mar		Apr		Mei		Juni		Juli		Agustus		Sept		Okt		Nov		Des			
			II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	
1	Pola Tata Tanam																													
2	Jumlah Hari	hari	16	15	16	14	14	15	15	15	15	15	16	15	15	15	16	15	16	15	15	15	15	15	15	15	15	15	16	
3	Evapotranspirasi (ETo)	mm/hari	3.13	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.73	2.46	3.54	3.64	3.82	3.55	3.09		16		
4	Evaporasi selama LP (Eo)	mm/hari	3.44	3.59	3.15								2.83	2.95	2.86															
5	ET crop = kc x Eto	mm/hari			1.58	3.32	3.33	3.04	3.04	1.37	0.00					3.14	3.05	3.05	2.78	1.34	0.00									
6	Perkolasi (P)	mm/hari	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
7	Kebutuhan Air Tambahan (M)	mm/hari	8.44	8.59	8.15								7.83	7.95	7.86															
8	k = M*T/S		1.01	1.03	0.98								0.94	0.95	0.94															
9	Pengolahan Lahan (Land Preparation) (LP)	mm/hari	13.25	13.35	13.06								12.85	12.93	12.87															
	Faktor Luas untuk LP		0.50	1.00	0.50								0.50	1.00	0.50															
10	CH Andalan 80% (R80)	mm	37.8	40.8	34.8	48.4	10.0	47.8	33.6	12.6	3.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	5.8	21.2	
11	CH Efektif untuk Padi	mm/hari	1.65	1.90	1.52	2.42	0.50	2.23	1.57	0.59	0.17	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.27	0.99	
12	CH Andalan 50% (R50)	mm	100.0	77.0	90.0	105.0	44.0	93.0	55.0	66.0	16.0	10.0	11.0	0.0	6.0	1.0	1.0	0.0	0.0	0.0	1.0	2.0	7.0	33.0	36.0	76.0			76.0	
13	CH Efektif untuk Palawija	mm/hari	4.38	3.59	3.94	5.25	2.20	4.34	2.57	3.08	0.75	0.47	0.48	0.00	0.28	0.05	0.04	0.00	0.00	0.00	0.05	0.09	0.31	1.54	1.68	3.55			3.55	
14	Penggantian Air (WLR) :	mm/hari				1.67	1.67	1.67	1.67					1.67	1.67	1.67	1.67	1.67	1.67											
15	Koefisien Tanaman Padi :																													
	- c1	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00											
	- c2	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00											
	Rerata Koef. Tanaman Padi	-	LP	LP	0.55	1.10	1.08	1.05	1.00	0.48	0.00	LP	LP	LP	1.10	1.08	1.05	1.00	0.48	0.00										
16	Koefisien Tanaman Palawija :																													
	- c1	-										0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	0.82	0.45						
	- c2	-										0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	0.82	0.45						
	Rerata Koef. Tanaman Palawija	-										0.25	0.63	0.88	1.00	0.91	0.64	0.23		0.25	0.63	0.88	1.00	0.91	0.64	0.23			0.23	
17	Penggunaan Komsumsi untuk Padi	mm/hari	0.00	0.00	1.58	3.32	3.33	3.04	3.04	1.37	0.00	0.00	0.00	0.00	3.14	3.05	3.05	2.78	1.34	0.00										
19	Penggunaan Komsumsi untuk Palawija	mm/hari											0.64	1.68	2.27	2.86	2.58	1.85	0.63	0.68	1.54	3.10	3.64	3.47	2.25	0.70			0.70	
20	NFR untuk Padi	mm/hari	5.80	11.45	9.56	7.57	9.50	7.48	8.13	5.78	2.42	0.64	1.29	0.69	0.98	0.97	0.97	0.94	0.63	0.25										
21	NFR untuk Palawija	mm/hari										0.16	1.08	2.05	2.32	2.28	1.62	0.56		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	Net Field Requirement (NFR) untuk Padi	lt/dt/Ha	0.67	1.32	1.11	0.88	1.10	0.87	0.94	0.67	0.28	0.07	0.15	0.08	0.11	0.11	0.11	0.11	0.07	0.03										
	Net Field Requirement (NFR) untuk Palawija	lt/dt/Ha										0.02	0.12	0.24	0.27	0.26	0.19	0.07		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	<b>Total NFR</b>	lt/dt/Ha	<b>0.67</b>	<b>1.32</b>	<b>1.11</b>	<b>0.88</b>	<b>1.10</b>	<b>0.87</b>	<b>0.94</b>	<b>0.67</b>	<b>0.28</b>	<b>0.09</b>	<b>0.27</b>	<b>0.32</b>	<b>0.38</b>	<b>0.38</b>	<b>0.30</b>	<b>0.17</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	
23	Diversion Requirement (DR) untuk Padi	lt/dt/Ha	1.04	2.04	1.71	1.35	1.70	1.34	1.45	1.03	0.43	0.11	0.23	0.12	0.18	0.17	0.17	0.17	0.11	0.04										
	Diversion Requirement (DR) untuk Palawija	lt/dt/Ha										0.03	0.19	0.37	0.41	0.41	0.29	0.10		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	<b>Total DR</b>	lt/dt/Ha	<b>1.04</b>	<b>2.04</b>	<b>1.71</b>	<b>1.35</b>	<b>1.70</b>	<b>1.34</b>	<b>1.45</b>	<b>1.03</b>	<b>0.43</b>	<b>0.14</b>	<b>0.42</b>	<b>0.49</b>	<b>0.59</b>	<b>0.58</b>	<b>0.46</b>	<b>0.27</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	<b>Bero</b>	

Sumber : Hasil Perhitungan

**Perhitungan Kebutuhan Air Irigasi untuk DI. Bunumbang**

Pola Tanam : Padi - Palawija - Palawija  
 Awal Pengolahan Lahan (Land Preparation) : Nop I  
 Efisiensi Total : 0.65

No.	Deskripsi	Satuan	Nop		Des		Jan		Feb		Mar		Apr		Mei		Jun		Jul		Agust		Sep		Okt		Nop
			I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I
			1	Pola Tata Tanam																							
2	Jumlah Hari	hari	15	15	15	16	15	16	14	14	15	16	15	15	15	16	15	15	15	16	15	16	15	15	15	16	15
3	Evapotranspirasi (ETo)	mm/hari	3.82	3.55	3.09	3.13	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.73	2.46	3.54	3.64	
4	Evaporasi selama LP (Eo)	mm/hari	4.20	3.90	3.40							3.34	3.18	3.34													
5	ET crop = ke x Eto	mm/hari			1.70	3.44	3.51	3.01	3.02	1.47	0.00				2.83	2.89	2.73	2.86	1.35	0.00							
6	Perkolasi (P)	mm/hari	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
7	Kebutuhan Air Tambahan (M)	mm/hari	6.20	5.90	5.40							5.34	5.18	5.34													
8	k = M*T/S		0.74	0.71	0.65							0.64	0.62	0.64													
9	Pengolahan Lahan (Land Preparation) (LP)	mm/hari	11.81	11.63	11.32							11.29	11.19	11.29													
	Faktor Luas untuk LP		0.50	1.00	0.50							0.50	1.00	0.50													
10	CH Andalan 80% (R80)	mm	15.2	5.8	21.2	37.8	40.8	34.8	48.4	10.0	47.8	33.6	12.6	3.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	CH Efektif untuk Padi	mm/hari	0.71	0.27	0.99	1.65	1.90	1.52	2.42	0.50	2.23	1.47	0.59	0.17	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	CH Andalan 50% (R50)	mm	33.0	36.0	76.0	100.0	77.0	90.0	105.0	44.0	93.0	55.0	66.0	16.0	10.0	11.0	0.0	6.0	1.0	1.0	0.0	0.0	0.0	1.0	2.0	7.0	
13	CH Efektif untuk Palawija	mm/hari	1.54	1.68	3.55	4.38	3.59	3.94	5.25	2.20	4.34	2.41	3.08	0.75	0.47	0.48	0.00	0.28	0.05	0.04	0.00	0.00	0.00	0.05	0.09	0.31	
14	Penggantian Air (WLR) :	mm/hari				1.67	1.67	1.67	1.67					1.67	1.67	1.67	1.67	1.67									
15	Koefisien Tanaman Padi :																										
	- c1	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00								
	- c2	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00								
16	Rerata Koef. Tanaman Padi	-	LP	LP	0.55	1.10	1.08	1.05	1.00	0.48	0.00	LP	LP	1.10	1.08	1.05	1.00	0.48	0.00								
16	Koefisien Tanaman Palawija :																										
	- c1	-									0.50	0.75	1.00	1.00	0.82	0.45		0.50	0.75	1.00	1.00	0.82	0.45				
	- c2	-									0.50	0.75	1.00	1.00	0.82	0.45		0.50	0.75	1.00	1.00	0.82	0.45				
17	Rerata Koef. Tanaman Palawija	-									0.25	0.63	0.88	1.00	0.91	0.64	0.23	0.25	0.63	0.88	1.00	0.91	0.64	0.23			
18	Penggunaan Komsumsi untuk Padi	mm/hari	0.00	0.00	1.70	3.44	3.51	3.01	3.02	1.47	0.00	0.00	0.00	0.00	2.83	2.89	2.73	2.86	1.35	0.00							
19	Penggunaan Komsumsi untuk Palawija	mm/hari									0.76	1.80	2.66	2.57	2.44	1.65	0.64	0.73	1.74	2.47	2.73	2.24	2.25	0.82			
20	NFR untuk Padi	mm/hari	5.55	11.36	7.89	5.45	5.27	5.15	4.27	2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	NFR untuk Palawija	mm/hari									0.00	0.00	1.91	2.10	1.96	1.65	0.36		0.17	0.43	0.62	0.68	0.55	0.54	0.13		
22	Net Field Requirement (NFR) untuk Padi	lt/dt/Ha	0.64	1.31	0.91	0.63	0.61	0.60	0.49	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Net Field Requirement (NFR) untuk Palawija	lt/dt/Ha									0.00	0.00	0.22	0.24	0.23	0.19	0.04		0.02	0.05	0.07	0.08	0.06	0.06	0.01		
	<b>Total NFR</b>	lt/dt/Ha	<b>0.64</b>	<b>1.31</b>	<b>0.91</b>	<b>0.63</b>	<b>0.61</b>	<b>0.60</b>	<b>0.49</b>	<b>0.34</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.22</b>	<b>0.24</b>	<b>0.23</b>	<b>0.19</b>	<b>0.04</b>	<b>0.00</b>	<b>0.02</b>	<b>0.05</b>	<b>0.07</b>	<b>0.08</b>	<b>0.06</b>	<b>0.06</b>	<b>0.01</b>	
23	Diversion Requirement (DR) untuk Padi	lt/dt/Ha	0.99	2.03	1.41	0.97	0.94	0.92	0.76	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Diversion Requirement (DR) untuk Palawija	lt/dt/Ha									0.00	0.00	0.34	0.38	0.35	0.29	0.06		0.03	0.08	0.11	0.12	0.10	0.10	0.02		
	<b>Total DR</b>	lt/dt/Ha	<b>0.99</b>	<b>2.03</b>	<b>1.41</b>	<b>0.97</b>	<b>0.94</b>	<b>0.92</b>	<b>0.76</b>	<b>0.53</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.34</b>	<b>0.38</b>	<b>0.35</b>	<b>0.29</b>	<b>0.06</b>	<b>0.00</b>	<b>0.03</b>	<b>0.08</b>	<b>0.11</b>	<b>0.12</b>	<b>0.10</b>	<b>0.10</b>	<b>0.02</b>	

Sumber : Hasil Perhitungan

**Perhitungan Kebutuhan Air Irigasi untuk DI. Bunumbang**

Pola Tanam : Padi - Palawija - Palawija  
 Awal Pengolahan Lahan (Land Preparation) : Nop II  
 Efisiensi Total : 0.65

No.	Deskripsi	Satuan	Nop		Des		Jan		Peb		Mar		Apr		Mei		Jun		Jul		Agt		Sep		Okt		Nop				
			II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II		
			1	Pola Tata Tanam																											
2	Jumlah Hari	hari	15	15	16	15	16	14	14	15	16	15	15	15	16	15	15	15	16	15	16	15	15	15	16	15	15	15			
3	Evapotranspirasi (ETo)	mm/hari	3.55	3.09	3.13	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.91	2.78	2.83	2.91	2.78	2.83	2.91			
4	Evaporasi selama LP (Eo)	mm/hari	3.90	3.40	3.44								3.18	3.34	2.83																
5	ET crop = ke x Eto	mm/hari			1.72	3.59	3.08	3.17	3.10	1.38	0.00				2.95	2.79	3.00	2.83	1.38	0.00											
6	Perkolasi (P)	mm/hari	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
7	Kebutuhan Air Tambahan (M)	mm/hari	8.90	8.40	8.44							8.18	8.34	7.83																	
8	k = M*T/S		1.07	1.01	1.01							0.98	1.00	0.94																	
9	Pengolahan Lahan (Land Preparation) (LP)	mm/hari	13.56	13.23	13.25							13.08	13.19	12.85																	
	Faktor Luas untuk LP		0.50	1.00	0.50							0.50	1.00	0.50																	
10	CH Andalan 80% (R80)	mm	5.8	21.2	37.8	40.8	34.8	48.4	10.0	47.8	33.6	12.6	3.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	
11	CH Efektif untuk Padi	mm/hari	0.27	0.99	1.65	1.90	1.52	2.42	0.50	2.23	1.47	0.59	0.17	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	
12	CH Andalan 50% (R50)	mm	36.0	76.0	100.0	77.0	90.0	105.0	44.0	93.0	55.0	66.0	16.0	10.0	11.0	0.0	6.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	2.0	7.0	33.0				
13	CH Efektif untuk Palawija	mm/hari	1.68	3.55	4.38	3.59	3.94	5.25	2.20	4.34	2.41	3.08	0.75	0.47	0.48	0.00	0.28	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54	
14	Penggantian Air (WLR) :	mm/hari				1.67	1.67	1.67	1.67						1.67	1.67	1.67	1.67	1.67												
15	Koefisien Tanaman Padi :																														
	-c1	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00												
	-c2	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00												
16	Rerata Koef. Tanaman Padi	-	LP	LP	0.55	1.10	1.08	1.05	1.00	0.48	0.00	LP	LP	1.10	1.10	1.08	1.05	1.00	0.48	0.00											
16	Koefisien Tanaman Palawija :																														
	-c1	-										0.50	0.75	1.00	1.00	0.82	0.45		0.50	0.75	1.00	1.00	0.82	0.45		0.50	0.75	1.00	1.00	0.82	0.45
	-c2	-										0.50	0.75	1.00	1.00	0.82	0.45		0.50	0.75	1.00	1.00	0.82	0.45		0.50	0.75	1.00	1.00	0.82	0.45
17	Rerata Koef. Tanaman Palawija	-										0.25	0.63	0.88	1.00	0.91	0.64	0.23		0.25	0.63	0.88	1.00	0.91	0.64	0.23					
18	Penggunaan Komsumsi untuk Padi	mm/hari	0.00	0.00	1.72	3.59	3.08	3.17	3.10	1.38	0.00	0.00	0.00	0.00	2.95	2.79	3.00	2.83	1.38	0.00											
19	Penggunaan Komsumsi untuk Palawija	mm/hari										0.72	1.90	2.25	2.69	2.36	1.81	0.64		0.69	1.77	2.39	2.46	3.23	2.31	0.86					
20	NFR untuk Padi	mm/hari	6.65	12.24	9.97	8.35	8.22	7.42	9.26	4.15	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	NFR untuk Palawija	mm/hari										0.00	1.15	1.78	2.20	2.36	1.53	0.59		0.17	0.44	0.60	0.60	0.78	0.50	0.00					
22	Net Field Requirement (NFR) untuk Padi	lt/dt/Ha	0.77	1.42	1.15	0.97	0.95	0.86	1.07	0.48	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net Field Requirement (NFR) untuk Palawija	lt/dt/Ha										0.00	0.13	0.21	0.26	0.27	0.18	0.07		0.02	0.05	0.07	0.07	0.09	0.06	0.00					
	<b>Total N F R</b>	lt/dt/Ha	<b>0.77</b>	<b>1.42</b>	<b>1.15</b>	<b>0.97</b>	<b>0.95</b>	<b>0.86</b>	<b>1.07</b>	<b>0.48</b>	<b>0.20</b>	<b>0.00</b>	<b>0.13</b>	<b>0.21</b>	<b>0.26</b>	<b>0.27</b>	<b>0.18</b>	<b>0.07</b>	<b>0.00</b>	<b>0.02</b>	<b>0.05</b>	<b>0.07</b>	<b>0.07</b>	<b>0.09</b>	<b>0.06</b>	<b>0.00</b>					
23	Diversion Requirement (DR) untuk Padi	lt/dt/Ha	1.19	2.19	1.78	1.49	1.47	1.33	1.65	0.74	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Diversion Requirement (DR) untuk Palawija	lt/dt/Ha										0.00	0.21	0.32	0.39	0.42	0.27	0.11		0.03	0.08	0.11	0.11	0.14	0.09	0.00					
	<b>Total D R</b>	lt/dt/Ha	<b>1.19</b>	<b>2.19</b>	<b>1.78</b>	<b>1.49</b>	<b>1.47</b>	<b>1.33</b>	<b>1.65</b>	<b>0.74</b>	<b>0.32</b>	<b>0.00</b>	<b>0.21</b>	<b>0.32</b>	<b>0.39</b>	<b>0.42</b>	<b>0.27</b>	<b>0.11</b>	<b>0.00</b>	<b>0.03</b>	<b>0.08</b>	<b>0.11</b>	<b>0.11</b>	<b>0.14</b>	<b>0.09</b>	<b>0.00</b>					

Sumber : Hasil Perhitungan

**Perhitungan Kebutuhan Air Irigasi untuk DI. Bunumbang**

Pola Tanam : Padi - Palawija - Palawija  
 Awal Pengolahan Lahan (Land Preparation) : Des I  
 Efisiensi Total : 0.65

No.	Deskripsi	Satuan	Des		Jan		Peb		Mar		Apr		Mei		Jun		Jul		Agt		Sep		Okt		Nop		Des
			I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I
1	Pola Tata Tanam		LP		Padi 100%								Palawija 100%								Palawija 20%						
2	Jumlah Hari	hari	15	16	15	16	14	14	15	16	15	15	16	15	15	15	16	15	16	15	15	15	16	15	15	15	15
3	Evapotranspirasi (ET <sub>o</sub> )	mm/hari	3.09	3.13	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.73	2.46	3.54	3.64	3.82	3.55	15
4	Evaporasi selama LP (E <sub>o</sub> )	mm/hari	3.40	3.44	3.59							3.34	2.83	2.95													
5	ET crop = kc x E <sub>o</sub>	mm/hari			1.79	3.15	3.25	3.25	2.90	1.44	0.00				2.86	3.07	2.98	2.91	1.32	0.00							
6	Perkolasi (P)	mm/hari	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00							
7	Kebutuhan Air Tambahan (M)	mm/hari	8.40	8.44	8.59							8.34	7.83	7.95													
8	k = M*/T/S		1.01	1.01	1.03							1.00	0.94	0.95													
9	Pengolahan Lahan (Land Preparation) (LP)	mm/hari	13.23	13.25	13.35							13.19	12.85	12.93													
	Faktor Luas untuk LP		0.50	1.00	0.50							0.50	1.00	0.50													
10	CH Andalan 80% (R80)	mm	21.2	37.8	40.8	34.8	48.4	10.0	47.8	33.6	12.6	3.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	5.8
11	CH Efektif untuk Padi	mm/hari	0.99	1.65	1.90	1.52	2.42	0.50	2.23	1.47	0.59	0.17	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.27
12	CH Andalan 50% (R50)	mm	76.0	100.0	77.0	90.0	105.0	44.0	93.0	55.0	66.0	16.0	10.0	11.0	0.0	6.0	1.0	0.0	0.0	0.0	1.0	2.0	7.0	33.0	36.0		
13	CH Efektif untuk Palawija	mm/hari	3.55	4.38	3.59	3.94	5.25	2.20	4.34	2.41	3.08	0.75	0.47	0.48	0.00	0.28	0.05	0.04	0.00	0.00	0.00	0.05	0.09	0.31	1.54	1.68	
14	Penggantian Air (WLR) :	mm/hari				1.67	1.67	1.67	1.67					1.67	1.67	1.67	1.67	1.67									
15	Koefisien Tanaman Padi :																										
-	c1	LP	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00	LP	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00								
-	c2	LP	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00	LP	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00								
	Rerata Koef. Tanaman Padi	LP	LP	LP	0.55	1.10	1.08	1.05	1.00	0.48	0.00	LP	LP	LP	1.10	1.08	1.05	1.00	0.48	0.00							
16	Koefisien Tanaman Palawija :																										
-	c1	-	-	-							0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	1.00	0.82	0.45			
-	c2	-	-	-							0.50	0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	1.00	0.82	0.45		
	Rerata Koef. Tanaman Palawija	-	-	-							0.25	0.63	0.88	1.00	1.00	0.82	0.45			0.25	0.63	0.88	1.00	0.91	0.64	0.23	
17	Penggunaan Komsumsi untuk Padi	mm/hari	0.00	0.00	1.79	3.15	3.25	3.25	2.90	1.44	0.00	0.00	0.00	0.00	2.86	3.07	2.98	2.91	1.32	0.00							
18	Penggunaan Komsumsi untuk Palawija	mm/hari									0.76	1.61	2.35	2.60	2.60	1.80	0.65	0.71	1.71	2.15	3.54	3.31	2.42	0.80			
19	NFR untuk Padi	mm/hari	6.12	11.60	9.87	8.30	7.49	9.42	7.33	4.97	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
20	NFR untuk Palawija	mm/hari									0.01	1.14	1.87	2.60	2.32	1.75	0.61	0.14	0.34	0.42	0.69	0.60	0.18	0.00			
22	Net Field Requirement (NFR) untuk Padi	lt/dt/Ha	0.71	1.34	1.14	0.96	0.87	1.09	0.85	0.58	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
	Net Field Requirement (NFR) untuk Palawija	lt/dt/Ha									0.00	0.13	0.22	0.30	0.27	0.20	0.07	0.02	0.04	0.05	0.08	0.07	0.02	0.00			
	<b>Total NFR</b>	lt/dt/Ha	<b>0.71</b>	<b>1.34</b>	<b>1.14</b>	<b>0.96</b>	<b>0.87</b>	<b>1.09</b>	<b>0.85</b>	<b>0.58</b>	<b>0.26</b>	<b>0.00</b>	<b>0.13</b>	<b>0.22</b>	<b>0.30</b>	<b>0.27</b>	<b>0.20</b>	<b>0.07</b>	<b>0.02</b>	<b>0.04</b>	<b>0.05</b>	<b>0.08</b>	<b>0.07</b>	<b>0.02</b>	<b>0.00</b>		
23	Diversion Requirement (DR) untuk Padi	lt/dt/Ha	1.09	2.07	1.76	1.48	1.34	1.68	1.31	0.89	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
	Diversion Requirement (DR) untuk Palawija	lt/dt/Ha									0.00	0.20	0.33	0.46	0.41	0.31	0.11	0.03	0.06	0.08	0.12	0.11	0.03	0.00			
	<b>Total DR</b>	lt/dt/Ha	<b>1.09</b>	<b>2.07</b>	<b>1.76</b>	<b>1.48</b>	<b>1.34</b>	<b>1.68</b>	<b>1.31</b>	<b>0.89</b>	<b>0.39</b>	<b>0.00</b>	<b>0.20</b>	<b>0.33</b>	<b>0.46</b>	<b>0.41</b>	<b>0.31</b>	<b>0.11</b>	<b>0.03</b>	<b>0.06</b>	<b>0.08</b>	<b>0.12</b>	<b>0.11</b>	<b>0.03</b>	<b>0.00</b>		

Sumber : Hasil Perhitungan

**Perhitungan Kebutuhan Air Irigasi untuk DI. Bunumbang**

Pola Tanam : Padi - Palawija - Palawija  
 Awal Pengolahan Lahan (Land Preparation) : Des II  
 Efisiensi Total : 0.65

No.	Deskripsi	Satuan	Des		Jan		Feb		Mar		Apr		Mei		Juni		Juli		Agustus		Sept		Okt		Nov		Des			
			II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	
1	Pola Tata Tanam																													
2	Jumlah Hari	hari	16	15	16	14	14	15	15	15	15	15	16	15	15	15	16	15	16	15	15	15	16	15	15	15	15	15	16	
3	Evapotranspirasi (ETo)	mm/hari	3.13	3.26	2.87	3.02	3.10	2.90	3.04	2.89	3.04	2.57	2.69	2.60	2.86	2.83	2.91	2.78	2.83	2.73	2.46	3.54	3.64	3.82	3.55	3.09	16			
4	Evaporasi selama LP (Eo)	mm/hari	3.44	3.59	3.15							2.83	2.95	2.86																
5	ET crop = kc x Eto	mm/hari			1.58	3.32	3.33	3.04	3.04	1.37	0.00				3.14	3.05	3.05	2.78	1.34	0.00										
6	Perkolasi (P)	mm/hari	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
7	Kebutuhan Air Tambahan (M)	mm/hari	8.44	8.59	8.15							7.83	7.95	7.86																
8	k = M*P/S		1.01	1.03	0.98							0.94	0.95	0.94																
9	Pengolahan Lahan (Land Preparation) (LP)	mm/hari	13.25	13.35	13.06							12.85	12.93	12.87																
	Faktor Luas untuk LP		0.50	1.00	0.50							0.50	1.00	0.50																
10	CH Andalan 80% (R80)	mm	37.8	40.8	34.8	48.4	10.0	47.8	33.6	12.6	3.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	5.8	21.2			
11	CH Efektif untuk Padi	mm/hari	1.65	1.90	1.52	2.42	0.50	2.23	1.57	0.59	0.17	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.27	0.99		
12	CH Andalan 50% (R50)	mm	100.0	77.0	90.0	105.0	44.0	93.0	55.0	66.0	16.0	10.0	11.0	0.0	6.0	1.0	1.0	0.0	0.0	0.0	1.0	2.0	7.0	33.0	36.0	76.0				
13	CH Efektif untuk Palawija	mm/hari	4.38	3.59	3.94	5.25	2.20	4.34	2.57	3.08	0.75	0.47	0.48	0.00	0.28	0.05	0.04	0.00	0.00	0.00	0.05	0.09	0.31	1.54	1.68	3.55				
14	Penggantian Air (WLR) :	mm/hari				1.67	1.67	1.67	1.67					1.67	1.67	1.67	1.67	1.67												
15	Koefisien Tanaman Padi :																													
	-c1	-	LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00											
	-c2	-		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00		LP	LP	1.10	1.10	1.05	1.05	0.95	0.00										
	Rerata Koef. Tanaman Padi	-	LP	LP	0.55	1.10	1.08	1.05	1.00	0.48	0.00	LP	LP	LP	1.10	1.08	1.05	1.00	0.48	0.00										
16	Koefisien Tanaman Palawija :																													
	-c1	-										0.50	0.75	1.00	1.00	0.82	0.45			0.50	0.75	1.00	0.82	0.45	0.50	0.75	1.00			
	-c2	-										0.50	0.75	1.00	1.00	0.82	0.45	0.45		0.50	0.75	1.00	1.00	0.82	0.45	0.50	0.75			
	Rerata Koef. Tanaman Palawija	-										0.25	0.63	0.88	1.00	0.91	0.64	0.23		0.25	0.63	0.88	1.00	0.91	0.64	0.23				
18	Penggunaan Komsumsi untuk Padi	mm/hari	0.00	0.00	1.58	3.32	3.33	3.04	3.04	1.37	0.00	0.00	0.00	0.00	3.14	3.05	3.05	2.78	1.34	0.00										
19	Penggunaan Komsumsi untuk Palawija	mm/hari										0.64	1.68	2.27	2.86	2.58	1.85	0.63		0.68	1.54	3.10	3.64	3.47	2.25	0.70				
20	NFR untuk Padi	mm/hari	5.80	11.45	9.56	7.57	9.50	7.48	8.13	5.78	2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
21	NFR untuk Palawija	mm/hari										0.18	1.20	2.27	2.58	2.53	1.80	0.63		0.10	0.22	0.45	0.50	0.29	0.09	0.00				
22	Net Field Requirement (NFR) untuk Padi	lt/dt/Ha	0.67	1.32	1.11	0.88	1.10	0.87	0.94	0.67	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	Net Field Requirement (NFR) untuk Palawija	lt/dt/Ha										0.02	0.14	0.26	0.30	0.29	0.21	0.07		0.01	0.03	0.05	0.06	0.03	0.01	0.00				
	<b>Total NFR</b>	lt/dt/Ha	<b>0.67</b>	<b>1.32</b>	<b>1.11</b>	<b>0.88</b>	<b>1.10</b>	<b>0.87</b>	<b>0.94</b>	<b>0.67</b>	<b>0.28</b>	<b>0.02</b>	<b>0.14</b>	<b>0.26</b>	<b>0.30</b>	<b>0.29</b>	<b>0.21</b>	<b>0.07</b>	<b>0.00</b>	<b>0.01</b>	<b>0.03</b>	<b>0.05</b>	<b>0.06</b>	<b>0.03</b>	<b>0.01</b>	<b>0.00</b>				
23	Diversion Requirement (DR) untuk Padi	lt/dt/Ha	1.04	2.04	1.71	1.35	1.70	1.34	1.45	1.03	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	Diversion Requirement (DR) untuk Palawija	lt/dt/Ha										0.03	0.21	0.41	0.46	0.45	0.32	0.11		0.02	0.04	0.08	0.09	0.05	0.02	0.00				
	<b>Total DR</b>	lt/dt/Ha	<b>1.04</b>	<b>2.04</b>	<b>1.71</b>	<b>1.35</b>	<b>1.70</b>	<b>1.34</b>	<b>1.45</b>	<b>1.03</b>	<b>0.43</b>	<b>0.03</b>	<b>0.21</b>	<b>0.41</b>	<b>0.46</b>	<b>0.45</b>	<b>0.32</b>	<b>0.11</b>	<b>0.00</b>	<b>0.02</b>	<b>0.04</b>	<b>0.08</b>	<b>0.09</b>	<b>0.05</b>	<b>0.02</b>	<b>0.00</b>				

Sumber : Hasil Perhitungan





**Perhitungan Simulasi Operasi Embung Bunumbang**

**AWAL TANAM NOP-1**

**Data Embung :**

Crest Spillway Level	=	+ 106.00 m
Min. Operation Level	=	+ 99.50 m
Max. Storage	=	74,769 m <sup>3</sup>
Dead Storage	=	7,751 m <sup>3</sup>
Efektif Storage	=	67,018 m <sup>3</sup>
Tampungan Pertama	=	67,018 m <sup>3</sup>

**Layanan Embung :**

Areal Irigasi	=	100.0
Crop Inten. MT I	=	(100%)
MT II-a	=	(0%)
MT II-b	=	(100%)
MT III	=	(0%)
Kebutuhan Air Baku	=	-
River Maintenance	=	0.000

**Layanan Embung :**

MT I	=	100.0	Ha (Padi)
MT II-a	=	0.0	Ha (Padi)
MT II-b	=	100.0	Ha (Palawija)
MT III	=	0.0	Ha (Palawija)

No	Bulan	Tampungan Awal		Elev. MAW	Luas Genangan	Inflow		Kehilangan			Outflow			Total Out Flow	Limpas	Tampungan Akhir		Keterangan Simulasi
		Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )			Debit Sungai (Q) (m <sup>3</sup> /det)	Total Inflow (m <sup>3</sup> )	Evaporasi		Rembesan (m <sup>3</sup> )	Kebutuhan Irigasi					Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )	
								(mm)	m <sup>3</sup>		DR (lt/det/Ha)	FK	Keb. Irigasi (m <sup>3</sup> )					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
				105.50	1.54											67,018	59,268	
1	Jan 1	67,018	59,268	99.49	0.47	0.009	11,561	3.26	752	670.2	0.94	0.6	73,163	74,585	tdk melimpas	7,751	-	gagal
2	2	7,751	-	101.36	0.76	0.009	11,862	2.87	217	77.5	0.92	0.6	76,341	295	tdk melimpas	19,318	11,568	berhasil
3	Feb 1	19,318	11,568	103.43	1.14	0.017	20,509	3.02	321	193.2	0.76	0.6	55,330	514	tdk melimpas	39,314	31,563	berhasil
4	2	39,314	31,563	104.19	1.28	0.008	9,970	3.10	496	393.1	0.53	0.6	38,516	889	tdk melimpas	48,394	40,644	berhasil
5	Mar 1	48,394	40,644	105.19	1.49	0.011	14,886	2.90	557	483.9	0.00	0.6	-	1,041	tdk melimpas	62,239	54,488	berhasil
6	2	62,239	54,488	105.89	1.60	0.009	12,184	3.04	725	622.4	0.00	0.6	-	1,347	tdk melimpas	73,076	65,326	berhasil
7	Apr 1	73,076	65,326	106.00	1.61	0.005	6,069	2.89	691	730.8	0.00	1.0	-	1,422	2,955	74,769	67,018	berhasil
8	2	74,769	67,018	104.49	1.35	0.004	5,776	3.04	735	747.7	0.34	0.6	26,580	28,063	tdk melimpas	52,482	44,731	berhasil
9	Mei 1	52,482	44,731	102.24	0.96	0.003	4,530	2.57	521	524.8	0.38	0.6	29,225	30,270	tdk melimpas	26,742	18,992	berhasil
10	2	26,742	18,992	99.49	0.47	0.002	3,193	2.69	411	267.4	0.35	0.6	29,069	29,747	tdk melimpas	7,751	-	gagal
11	Jun 1	7,751	-	99.49	0.47	0.002	2,078	2.60	185	77.5	0.29	0.6	22,919	23,181	tdk melimpas	7,751	-	gagal
12	2	7,751	-	99.49	0.47	0.001	1,687	2.86	203	77.5	0.06	0.6	5,042	5,322	tdk melimpas	7,751	-	gagal
13	Jul 1	7,751	-	99.74	0.51	0.001	1,492	2.83	201	77.5	Bero	0.6	-	279	tdk melimpas	8,964	1,213	bero
14	2	8,964	1,213	99.96	0.55	0.001	1,480	2.91	238	89.6	Bero	0.6	-	328	tdk melimpas	10,116	2,365	bero
15	Agt 1	10,116	2,365	100.13	0.57	0.001	1,345	2.78	228	101.2	Bero	0.6	-	330	tdk melimpas	11,131	3,380	bero
16	2	11,131	3,380	100.30	0.59	0.001	1,407	2.83	258	111.3	Bero	0.6	-	369	tdk melimpas	12,169	4,418	bero
17	Sep 1	12,169	4,418	100.46	0.61	0.001	1,310	2.73	241	121.7	Bero	0.6	-	363	tdk melimpas	13,116	5,365	bero
18	2	13,116	5,365	100.61	0.62	0.001	1,303	2.46	224	131.2	Bero	0.6	-	355	tdk melimpas	14,064	6,313	bero
19	Okt 1	14,064	6,313	101.46	0.78	0.005	6,483	3.54	331	140.6	Bero	0.6	-	472	tdk melimpas	20,076	12,325	bero
20	2	20,076	12,325	102.20	0.95	0.005	6,914	3.64	456	200.8	Bero	0.6	-	657	tdk melimpas	26,333	18,582	bero
21	Nop 1	26,333	18,582	102.77	1.04	0.005	6,481	3.82	544	263.3	0.99	0.6	77,112	807	tdk melimpas	32,007	24,256	berhasil
22	2	32,007	24,256	103.29	1.12	0.005	6,481	3.55	551	320.1	2.03	0.6	157,763	871	tdk melimpas	37,616	29,866	berhasil
23	Des 1	37,616	29,866	103.78	1.20	0.005	6,589	3.09	519	376.2	1.41	0.6	109,634	895	tdk melimpas	43,311	35,560	berhasil
24	2	43,311	35,560	104.31	1.31	0.006	7,831	3.13	602	433.1	0.97	0.6	80,794	1,035	tdk melimpas	50,107	42,356	berhasil

Sumber : Hasil Perhitungan

**Perhitungan Simulasi Operasi Embung Bunumbang**

**AWAL TANAM NOP-2**

**Data Embung :**

Crest Spillway Level	=	+ 106.00 m
Min. Operation Level	=	+ 99.50 m
Max. Storage	=	74,769 m <sup>3</sup>
Dead Storage	=	7,751 m <sup>3</sup>
Efektif Storage	=	67,018 m <sup>3</sup>
Tampungan Pertama	=	67,018 m <sup>3</sup>

**Layanan Embung :**

Areal Irigasi	=	100.0
Crop Inten. MT I	=	(100%)
MT II-a	=	(0%)
MT II-b	=	(100%)
MT III	=	(0%)
Kebutuhan Air Baku	=	-
River Maintenance	=	0.000

**Layanan Embung :**

MT I	=	100.0	Ha (Padi)
MT II-a	=	0.0	Ha (Padi)
MT II-b	=	100.0	Ha (Palawija)
MT III	=	0.0	Ha (Palawija)

Periode		Tampungan Awal		Elv. MAW	Luas Genangan	Inflow		Kehilangan			Outflow			Total Out Flow	Limpas	Tampungan Akhir		Keterangan Simulasi
		Total	Efektif			Debit Sungai (Q)	Total Inflow	Evaporasi		Rembesan	Kebutuhan Irigasi					Total	Efektif	
No	Bulan	(m <sup>3</sup> )	(m <sup>3</sup> )	(ha)	(m <sup>3</sup> /det)	(m <sup>3</sup> )	(mm)	m <sup>3</sup>	(m <sup>3</sup> )	DR (lt/det/Ha)	FK	Keb. Irigasi (m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(19)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	Jan 1	67,018	59,268	105.50	1.54	0.009	11,561	3.26	752	670.2	1.49	1.0	193,269	1,422	2,388	67,018	59,268	berhasil
2	2	74,769	67,018	106.00	1.61	0.009	11,862	2.87	739	747.7	1.47	1.0	203,077	1,487	10,376	74,769	67,018	berhasil
3	Feb 1	74,769	67,018	106.00	1.61	0.017	20,509	3.02	682	747.7	1.33	1.0	160,295	1,430	19,079	74,769	67,018	berhasil
4	2	74,769	67,018	106.00	1.61	0.008	9,970	3.10	699	747.7	1.65	1.0	200,150	1,447	8,523	74,769	67,018	berhasil
5	Mar 1	74,769	67,018	106.00	1.61	0.011	14,886	2.90	701	747.7	0.74	1.0	95,965	1,448	13,438	74,769	67,018	berhasil
6	2	74,769	67,018	106.00	1.61	0.009	12,184	3.04	783	747.7	0.32	1.0	43,580	1,531	10,654	74,769	67,018	berhasil
7	Apr 1	74,769	67,018	106.00	1.61	0.005	6,069	2.89	698	747.7	0.00	1.0	-	1,446	4,624	74,769	67,018	berhasil
8	2	74,769	67,018	105.24	1.50	0.004	5,776	3.04	735	747.7	0.21	0.6	16,023	17,506	tdk melimpas	63,039	55,288	berhasil
9	Mei 1	63,039	55,288	103.63	1.18	0.003	4,530	2.57	578	630.4	0.32	0.6	24,761	25,970	tdk melimpas	41,600	33,849	berhasil
10	2	41,600	33,849	100.15	0.57	0.002	3,193	2.69	506	416.0	0.39	0.6	32,649	33,571	tdk melimpas	11,221	3,470	berhasil
11	Jun 1	11,221	3,470	99.49	0.47	0.002	2,078	2.60	223	112.2	0.42	0.6	32,844	33,179	tdk melimpas	7,751	-	gagal
12	2	7,751	-	99.49	0.47	0.001	1,687	2.86	203	77.5	0.27	0.6	21,316	21,596	tdk melimpas	7,751	-	gagal
13	Jul 1	7,751	-	99.49	0.47	0.001	1,492	2.83	201	77.5	0.11	0.6	8,210	8,488	tdk melimpas	7,751	-	gagal
14	2	7,751	-	99.73	0.51	0.001	1,480	2.91	220	77.5	Bero	0.6	-	298	tdk melimpas	8,933	1,182	bero
15	Agt 1	8,933	1,182	99.93	0.54	0.001	1,345	2.78	213	89.3	Bero	0.6	-	303	tdk melimpas	9,975	2,225	bero
16	2	9,975	2,225	100.12	0.57	0.001	1,407	2.83	246	99.8	Bero	0.6	-	346	tdk melimpas	11,036	3,286	bero
17	Sep 1	11,036	3,286	100.27	0.59	0.001	1,310	2.73	233	110.4	Bero	0.6	-	343	tdk melimpas	12,003	4,252	bero
18	2	12,003	4,252	100.43	0.60	0.001	1,303	2.46	216	120.0	Bero	0.6	-	336	tdk melimpas	12,970	5,219	bero
19	Okt 1	12,970	5,219	101.32	0.75	0.005	6,483	3.54	321	129.7	Bero	0.6	-	450	tdk melimpas	19,003	11,252	bero
20	2	19,003	11,252	102.09	0.93	0.005	6,914	3.64	436	190.0	Bero	0.6	-	626	tdk melimpas	25,291	17,540	bero
21	Nop 1	25,291	17,540	102.67	1.02	0.005	6,481	3.82	535	252.9	Bero	0.6	-	787	tdk melimpas	30,984	23,233	bero
22	2	30,984	23,233	103.20	1.10	0.005	6,481	3.55	543	309.8	1.19	0.6	92,300	853	tdk melimpas	36,612	28,862	berhasil
23	Des 1	36,612	28,862	103.69	1.19	0.005	6,589	3.09	512	366.1	2.19	0.6	169,973	878	tdk melimpas	42,323	34,573	berhasil
24	2	42,323	34,573	104.24	1.29	0.006	7,831	3.13	595	423.2	1.78	0.6	147,776	1,018	tdk melimpas	49,137	41,386	berhasil

Sumber : Hasil Perhitungan

**Perhitungan Simulasi Operasi Embung Bunumbang**

**AWAL TANAM DES-1**

**Data Embung :**

Crest Spillway Level	=	+ 106.00 m
Min. Operation Level	=	+ 99.50 m
Max. Storage	=	74,769 m <sup>3</sup>
Dead Storage	=	7,751 m <sup>3</sup>
Efektif Storage	=	67,018 m <sup>3</sup>
Tampungan Pertama	=	67,018 m <sup>3</sup>

**Layanan Embung :**

Areal Irigasi	=	100.0
Crop Inten.	MT I =	(100%)
	MT II-a =	(0%)
	MT II-b =	(100%)
	MT III =	(0%)
Kebutuhan Air Baku	=	-
River Maintenance	=	0.000

**Layanan Embung :**

MT I	=	100.0	Ha (Padi)
MT II-a	=	0.0	Ha (Padi)
MT II-b	=	100.0	Ha (Palawija)
MT III	=	0.0	Ha (Palawija)

Periode		Tampungan Awal		Elv. MAW	Luas Genangan	Inflow		Kehilangan			Outflow			Total Out Flow	Limpas	Tampungan Akhir		Keterangan Simulasi	
		Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )			Debit Sungai (Q) (m <sup>3</sup> /det)	Total Inflow (m <sup>3</sup> )	Evaporasi		Rembesan	Kebutuhan Irigasi					Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )		
No	Bulan				(ha)	(m <sup>3</sup> /det)	(m <sup>3</sup> )	(mm)	m <sup>3</sup>	(m <sup>3</sup> )	DR (lt/det/Ha)	FK	Keb. Irigasi (m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
1	Jan	1	67,018	59,268	106.00	1.61	0.009	11,561	3.26	752	670.2	1.76	1.0	228,512	1,422	2,388	74,769	67,018	berhasil
2		2	74,769	67,018	106.00	1.61	0.009	11,862	2.87	739	747.7	1.48	1.0	204,846	1,487	10,376	74,769	67,018	berhasil
3	Feb	1	74,769	67,018	106.00	1.61	0.017	20,509	3.02	682	747.7	1.34	1.0	161,927	1,430	19,079	74,769	67,018	berhasil
4		2	74,769	67,018	106.00	1.61	0.008	9,970	3.10	699	747.7	1.68	1.0	203,496	1,447	8,523	74,769	67,018	berhasil
5	Mar	1	74,769	67,018	106.00	1.61	0.011	14,886	2.90	701	747.7	1.31	1.0	169,758	1,448	13,438	74,769	67,018	berhasil
6		2	74,769	67,018	106.00	1.61	0.009	12,184	3.04	783	747.7	0.89	1.0	122,763	1,531	10,654	74,769	67,018	berhasil
7	Apr	1	74,769	67,018	106.00	1.61	0.005	6,069	2.89	698	747.7	0.39	1.0	51,065	1,446	4,624	74,769	67,018	berhasil
8		2	74,769	67,018	106.00	1.61	0.004	5,776	3.04	735	747.7	0.00	1.0	311	1,794	3,981	74,769	67,018	berhasil
9	Mei	1	74,769	67,018	105.26	1.50	0.003	4,530	2.57	622	747.7	0.20	0.6	14,515	15,885	tdk melimpas	63,415	55,664	berhasil
10		2	63,415	55,664	103.49	1.15	0.002	3,193	2.69	646	634.1	0.33	0.6	25,370	26,650	tdk melimpas	39,957	32,207	berhasil
11	Jun	1	39,957	32,207	99.57	0.49	0.002	2,078	2.60	450	399.6	0.46	0.6	33,085	33,934	tdk melimpas	8,102	351	berhasil
12		2	8,102	351	99.49	0.47	0.001	1,687	2.86	208	81.0	0.41	0.6	29,546	29,835	tdk melimpas	7,751	-	gagal
13	Jul	1	7,751	-	99.49	0.47	0.001	1,492	2.83	201	77.5	0.31	0.6	22,321	22,600	tdk melimpas	7,751	-	gagal
14		2	7,751	-	99.49	0.47	0.001	1,480	2.91	220	77.5	0.11	0.6	8,290	8,588	tdk melimpas	7,751	-	gagal
15	Agt	1	7,751	-	99.71	0.51	0.001	1,345	2.78	197	77.5	Bero	0.6	-	275	tdk melimpas	8,821	1,070	bero
16		2	8,821	1,070	99.92	0.54	0.001	1,407	2.83	230	88.2	Bero	0.6	-	318	tdk melimpas	9,910	2,159	bero
17	Sep	1	9,910	2,159	100.09	0.57	0.001	1,310	2.73	222	99.1	Bero	0.6	-	321	tdk melimpas	10,898	3,147	bero
18		2	10,898	3,147	100.26	0.58	0.001	1,303	2.46	209	109.0	Bero	0.6	-	318	tdk melimpas	11,883	4,133	bero
19	Okt	1	11,883	4,133	101.19	0.71	0.005	6,483	3.54	310	118.8	Bero	0.6	-	429	tdk melimpas	17,938	10,187	bero
20		2	17,938	10,187	101.98	0.91	0.005	6,914	3.64	416	179.4	Bero	0.6	-	595	tdk melimpas	24,256	16,506	bero
21	Nop	1	24,256	16,506	102.56	1.00	0.005	6,481	3.82	523	242.6	Bero	0.6	-	766	tdk melimpas	29,972	22,221	bero
22		2	29,972	22,221	103.11	1.09	0.005	6,481	3.55	535	299.7	Bero	0.6	-	834	tdk melimpas	35,618	27,867	bero
23	Des	1	35,618	27,867	103.61	1.17	0.005	6,589	3.09	505	356.2	1.09	0.6	77,904	861	tdk melimpas	41,346	33,595	berhasil
24		2	41,346	33,595	104.17	1.28	0.006	7,831	3.13	588	413.5	2.07	0.6	157,538	1,001	tdk melimpas	48,176	40,426	berhasil

Sumber : Hasil Perhitungan

**Perhitungan Simulasi Operasi Embung Bunumbang**

**AWAL TANAM DES-2**

**Data Embung :**

Crest Spillway Level	=	+ 106.00 m
Min. Operation Level	=	+ 99.50 m
Max. Storage	=	74,769 m <sup>3</sup>
Dead Storage	=	7,751 m <sup>3</sup>
Efektif Storage	=	67,018 m <sup>3</sup>
Tampungan Pertama	=	67,018 m <sup>3</sup>

**Layanan Embung :**

Areal Irigasi	=	100.0
Crop Inten. MT I	=	(100%)
MT II-a	=	(0%)
MT II-b	=	(100%)
MT III	=	(0%)
Kebutuhan Air Baku	=	-
River Maintenance	=	0.000

**Layanan Embung :**

MT I	=	100.0	Ha (Padi)
MT II-a	=	0.0	Ha (Padi)
MT II-b	=	100.0	Ha (Palawija)
MT III	=	0.0	Ha (Palawija)

Periode		Tampungan Awal		Elv. MAW	Luas Genangan	Inflow		Kehilangan			Outflow			Total Out Flow	Limpas	Tampungan Akhir		Keterangan Simulasi
		Total	Efektif			Debit Sungai (Q)	Total Inflow	Evaporasi		Rembesan	Kebutuhan Irigasi					Total	Efektif	
No	Bulan	(m <sup>3</sup> )	(m <sup>3</sup> )	(ha)	(m <sup>3</sup> /det)	(m <sup>3</sup> )	(mm)	m <sup>3</sup>	(m <sup>3</sup> )	DR (lt/det/ha)	FK	Keb. Irigasi (m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	Jan 1	67,018	59,268	105.50	1.54	0.009	11,561	3.26	752	670.2	2.04	1.0	264,981	1,422	2,388	67,018	59,268	berhasil
2	2	74,769	67,018	106.00	1.61	0.009	11,862	2.87	739	747.7	1.71	1.0	235,945	1,487	10,376	74,769	67,018	berhasil
3	Feb 1	74,769	67,018	106.00	1.61	0.017	20,509	3.02	682	747.7	1.35	1.0	163,559	1,430	19,079	74,769	67,018	berhasil
4	2	74,769	67,018	106.00	1.61	0.008	9,970	3.10	699	747.7	1.70	1.0	205,169	1,447	8,523	74,769	67,018	berhasil
5	Mar 1	74,769	67,018	106.00	1.61	0.011	14,886	2.90	701	747.7	1.34	1.0	173,112	1,448	13,438	74,769	67,018	berhasil
6	2	74,769	67,018	106.00	1.61	0.009	12,184	3.04	783	747.7	1.45	1.0	200,845	1,531	10,654	74,769	67,018	berhasil
7	Apr 1	74,769	67,018	106.00	1.61	0.005	6,069	2.89	698	747.7	1.03	1.0	133,876	1,446	4,624	74,769	67,018	berhasil
8	2	74,769	67,018	106.00	1.61	0.004	5,776	3.04	735	747.7	0.43	1.0	55,926	1,483	4,293	74,769	67,018	berhasil
9	Mei 1	74,769	67,018	105.94	1.60	0.003	4,530	2.57	622	747.7	0.03	1.0	4,075	5,444	tdk melimpas	73,855	66,104	berhasil
10	2	73,855	66,104	104.89	1.44	0.002	3,193	2.69	689	738.6	0.21	0.6	17,732	19,159	tdk melimpas	57,888	50,138	berhasil
11	Jun 1	57,888	50,138	102.29	0.96	0.002	2,078	2.60	561	578.9	0.41	0.6	31,581	32,721	tdk melimpas	27,246	19,495	berhasil
12	2	27,246	19,495	99.49	0.47	0.001	1,687	2.86	413	272.5	0.46	0.6	35,804	36,489	tdk melimpas	7,751	-	gagal
13	Jul 1	7,751	-	99.49	0.47	0.001	1,492	2.83	201	77.5	0.45	0.6	35,177	35,456	tdk melimpas	7,751	-	gagal
14	2	7,751	-	99.49	0.47	0.001	1,480	2.91	220	77.5	0.32	0.6	26,705	27,002	tdk melimpas	7,751	-	gagal
15	Agt 1	7,751	-	99.49	0.47	0.001	1,345	2.78	197	77.5	0.11	0.6	8,687	8,962	tdk melimpas	7,751	-	gagal
16	2	7,751	-	99.72	0.51	0.001	1,407	2.83	214	77.5	Bero	0.6	-	292	tdk melimpas	8,866	1,115	bero
17	Sep 1	8,866	1,115	99.91	0.54	0.001	1,310	2.73	209	88.7	Bero	0.6	-	297	tdk melimpas	9,878	2,128	bero
18	2	9,878	2,128	100.09	0.56	0.001	1,303	2.46	200	98.8	Bero	0.6	-	299	tdk melimpas	10,883	3,132	bero
19	Okt 1	10,883	3,132	101.07	0.68	0.005	6,483	3.54	300	108.8	Bero	0.6	-	409	tdk melimpas	16,957	9,206	bero
20	2	16,957	9,206	101.87	0.89	0.005	6,914	3.64	398	169.6	Bero	0.6	-	567	tdk melimpas	23,303	15,553	bero
21	Nop 1	23,303	15,553	102.47	0.99	0.005	6,481	3.82	507	233.0	Bero	0.6	-	740	tdk melimpas	29,044	21,293	bero
22	2	29,044	21,293	103.03	1.08	0.005	6,481	3.55	527	290.4	Bero	0.6	-	817	tdk melimpas	34,707	26,957	bero
23	Des 1	34,707	26,957	103.53	1.16	0.005	6,589	3.09	499	347.1	Bero	0.6	-	846	tdk melimpas	40,451	32,700	bero
24	2	40,451	32,700	104.11	1.26	0.006	7,831	3.13	581	404.5	1.04	0.6	85,930	986	tdk melimpas	47,297	39,546	berhasil

Sumber : Hasil Perhitungan

**Perhitungan Simulasi Operasi Embung Bunumbang**

**AWAL TANAM NOP-1**

**Data Embung :**

Crest Spillway Level	=	+ 106.00 m
Min. Operation Level	=	+ 99.50 m
Max. Storage	=	74,769.07 m <sup>3</sup>
Dead Storage	=	7,750.69 m <sup>3</sup>
Efektif Storage	=	67,018.38 m <sup>3</sup>
Tampungan Pertama	=	67,018.38 m <sup>3</sup>

**Layanan Embung :**

Areal Irigasi	=	80.0
Crop Inten. MT I	=	(100%)
MT II-a	=	(10%)
MT II-b	=	(90%)
MT III	=	(0%)
Kebutuhan Air Baku	=	-
River Maintenance	=	0.000

**Layanan Embung :**

MT I	=	80.0	Ha (Padi)
MT II-a	=	8.0	Ha (Padi)
MT II-b	=	72.0	Ha (Palawija)
MT III	=	0.0	Ha (Palawija)

Periode		Tampungan Awal		Elv. MAW	Luas Genangan	Inflow		Kehilangan			Outflow			Total Out Flow	Limpas	Tampungan Akhir		Keterangan Simulasi
		Total	Efektif			Debit Sungai (Q)	Total Inflow	Evaporasi		Rembesan	Kebutuhan Irigasi					Total	Efektif	
No	Bulan	(m <sup>3</sup> )	(m <sup>3</sup> )	(ha)	(m <sup>3</sup> /det)	(m <sup>3</sup> )	(mm)	m <sup>3</sup>	(m <sup>3</sup> )	(lt/det/Ha)	FK	Keb. Irigasi	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	Jan 1	67,018	59,268	105.50	1.54	0.009	11,561	3.26	752	670.2	0.94	0.6	58,530	59,953	tdk melimpas	67,018	59,268	berhasil
2	2	18,627	10,876	102.56	1.00	0.009	11,862	2.87	337	186.3	0.92	0.6	61,073	524	tdk melimpas	18,627	10,876	berhasil
3	Feb 1	29,965	22,215	104.29	1.31	0.017	20,509	3.02	425	299.7	0.76	0.6	44,264	725	tdk melimpas	29,965	22,215	berhasil
4	2	49,750	41,999	104.95	1.45	0.008	9,970	3.10	566	497.5	0.53	0.6	30,813	1,063	tdk melimpas	49,750	41,999	berhasil
5	Mar 1	58,656	50,906	105.84	1.59	0.011	14,886	2.90	631	586.6	0.00	0.6	-	1,218	tdk melimpas	58,656	50,906	berhasil
6	2	72,324	64,574	105.91	1.60	0.009	12,184	3.04	772	723.2	0.09	1.0	9,695	11,190	tdk melimpas	72,324	64,574	berhasil
7	Apr 1	73,319	65,569	105.44	1.53	0.005	6,069	2.89	692	733.2	0.19	0.6	11,777	13,203	tdk melimpas	73,319	65,569	berhasil
8	2	66,186	58,435	103.92	1.23	0.004	5,776	3.04	698	661.9	0.41	0.6	25,677	27,036	tdk melimpas	66,186	58,435	berhasil
9	Mei 1	44,925	37,175	101.49	0.79	0.003	4,530	2.57	473	449.3	0.45	0.6	28,258	29,180	tdk melimpas	44,925	37,175	berhasil
10	2	20,276	12,525	99.49	0.47	0.002	3,193	2.69	339	202.8	0.43	0.6	28,613	29,155	tdk melimpas	20,276	12,525	gagal
11	Jun 1	7,751	-	99.49	0.47	0.002	2,078	2.60	185	77.5	0.38	0.6	23,607	23,869	tdk melimpas	7,751	-	gagal
12	2	7,751	-	99.49	0.47	0.001	1,687	2.86	203	77.5	0.17	0.6	10,880	11,160	tdk melimpas	7,751	-	gagal
13	Jul 1	7,751	-	99.74	0.51	0.001	1,492	2.83	201	77.5	Bero	0.6	-	279	tdk melimpas	7,751	-	bero
14	2	8,964	1,213	99.96	0.55	0.001	1,480	2.91	238	89.6	Bero	0.6	-	328	tdk melimpas	8,964	1,213	bero
15	Agt 1	10,116	2,365	100.13	0.57	0.001	1,345	2.78	228	101.2	Bero	0.6	-	330	tdk melimpas	10,116	2,365	bero
16	2	11,131	3,380	100.30	0.59	0.001	1,407	2.83	258	111.3	Bero	0.6	-	369	tdk melimpas	11,131	3,380	bero
17	Sep 1	12,169	4,418	100.46	0.61	0.001	1,310	2.73	241	121.7	Bero	0.6	-	363	tdk melimpas	12,169	4,418	bero
18	2	13,116	5,365	100.61	0.62	0.001	1,303	2.46	224	131.2	Bero	0.6	-	355	tdk melimpas	13,116	5,365	bero
19	Okt 1	14,064	6,313	101.46	0.78	0.005	6,483	3.54	331	140.6	Bero	0.6	-	472	tdk melimpas	14,064	6,313	bero
20	2	20,076	12,325	102.20	0.95	0.005	6,914	3.64	456	200.8	Bero	0.6	-	657	tdk melimpas	20,076	12,325	bero
21	Nop 1	26,333	18,582	102.77	1.04	0.005	6,481	3.82	544	263.3	0.99	0.6	61,689	807	tdk melimpas	26,333	18,582	berhasil
22	2	32,007	24,256	103.29	1.12	0.005	6,481	3.55	551	320.1	2.03	0.6	126,210	871	tdk melimpas	32,007	24,256	berhasil
23	Des 1	37,616	29,866	103.78	1.20	0.005	6,589	3.09	519	376.2	1.41	0.6	87,707	895	tdk melimpas	37,616	29,866	berhasil
24	2	43,311	35,560	104.31	1.31	0.006	7,831	3.13	602	433.1	0.97	0.6	64,636	1,035	tdk melimpas	43,311	35,560	berhasil

Sumber : Hasil Perhitungan

**Perhitungan Simulasi Operasi Embung Bunumbang**

**AWAL TANAM NOP-2**

**Data Embung :**

Crest Spillway Level	=	+ 106.00 m
Min. Operation Level	=	+ 99.50 m
Max. Storage	=	74,769 m <sup>3</sup>
Dead Storage	=	7,751 m <sup>3</sup>
Efektif Storage	=	67,018 m <sup>3</sup>
Tampungan Pertama	=	67,018 m <sup>3</sup>

**Layanan Embung :**

Areal Irigasi	=	80.0
Crop Inten.	MT I	= (100%)
	MT II-a	= (10%)
	MT II-b	= (90%)
	MT III	= (0%)
Kebutuhan Air Baku	=	-
River Maintenance	=	0.000

**Layanan Embung :**

MT I	= 80.0	Ha (Padi)
MT II-a	= 8.0	Ha (Padi)
MT II-b	= 72.0	Ha (Palawija)
MT III	= 0.0	Ha (Palawija)

No	Bulan	Tampungan Awal		Elv. MAW	Luas Genangan (ha)	Inflow		Kehilangan			Outflow			Total Out Flow (m <sup>3</sup> )	Limpas (m <sup>3</sup> )	Tampungan Akhir		Keterangan Simulasi
		Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )			Debit Sungai (Q) (m <sup>3</sup> /det)	Total Inflow (m <sup>3</sup> )	Evaporasi		Rembesan (m <sup>3</sup> )	Kebutuhan Irigasi					Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )	
								(mm)	m <sup>3</sup>		DR (lt/det/Ha)	FK	Keb. Irigasi (m <sup>3</sup> )					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	Jan 1	67,018	59,268	105.50	1.54	0.009	11,561	3.26	752	670.2	1.49	1.0	154,615	1,422	2,388	67,018	59,268	berhasil
2	2	74,769	67,018	106.00	1.61	0.009	11,862	2.87	739	747.7	1.47	1.0	162,462	1,487	10,376	74,769	67,018	berhasil
3	Feb 1	74,769	67,018	106.00	1.61	0.017	20,509	3.02	682	747.7	1.33	1.0	128,236	1,430	19,079	74,769	67,018	berhasil
4	2	74,769	67,018	106.00	1.61	0.008	9,970	3.10	699	747.7	1.65	1.0	160,120	1,447	8,523	74,769	67,018	berhasil
5	Mar 1	74,769	67,018	106.00	1.61	0.011	14,886	2.90	701	747.7	0.74	1.0	76,772	1,448	13,438	74,769	67,018	berhasil
6	2	74,769	67,018	106.00	1.61	0.009	12,184	3.04	783	747.7	0.32	1.0	34,864	1,531	10,654	74,769	67,018	berhasil
7	Apr 1	74,769	67,018	105.85	1.59	0.005	6,069	2.89	698	747.7	0.11	0.6	6,940	8,385	tdk melimpas	72,453	64,702	berhasil
8	2	72,453	64,702	104.36	1.32	0.004	5,776	3.04	725	724.5	0.42	0.6	26,006	27,456	tdk melimpas	50,773	43,023	berhasil
9	Mei 1	50,773	43,023	102.45	0.99	0.003	4,530	2.57	510	507.7	0.41	0.6	25,498	26,516	tdk melimpas	28,788	21,037	berhasil
10	2	28,788	21,037	99.49	0.47	0.002	3,193	2.69	424	287.9	0.52	0.6	34,826	35,538	tdk melimpas	7,751	-	gagal
11	Jun 1	7,751	-	99.49	0.47	0.002	2,078	2.60	185	77.5	0.55	0.6	34,159	34,421	tdk melimpas	7,751	-	gagal
12	2	7,751	-	99.49	0.47	0.001	1,687	2.86	203	77.5	0.42	0.6	26,089	26,370	tdk melimpas	7,751	-	gagal
13	Jul 1	7,751	-	99.49	0.47	0.001	1,492	2.83	201	77.5	0.26	0.6	16,468	16,747	tdk melimpas	7,751	-	gagal
14	2	7,751	-	99.73	0.51	0.001	1,480	2.91	220	77.5	Bero	0.6	-	298	tdk melimpas	8,933	1,182	bero
15	Agt 1	8,933	1,182	99.93	0.54	0.001	1,345	2.78	213	89.3	Bero	0.6	-	303	tdk melimpas	9,975	2,225	bero
16	2	9,975	2,225	100.12	0.57	0.001	1,407	2.83	246	99.8	Bero	0.6	-	346	tdk melimpas	11,036	3,286	bero
17	Sep 1	11,036	3,286	100.27	0.59	0.001	1,310	2.73	233	110.4	Bero	0.6	-	343	tdk melimpas	12,003	4,252	bero
18	2	12,003	4,252	100.43	0.60	0.001	1,303	2.46	216	120.0	Bero	0.6	-	336	tdk melimpas	12,970	5,219	bero
19	Okt 1	12,970	5,219	101.32	0.75	0.005	6,483	3.54	321	129.7	Bero	0.6	-	450	tdk melimpas	19,003	11,252	bero
20	2	19,003	11,252	102.09	0.93	0.005	6,914	3.64	436	190.0	Bero	0.6	-	626	tdk melimpas	25,291	17,540	bero
21	Nop 1	25,291	17,540	102.67	1.02	0.005	6,481	3.82	535	252.9	Bero	0.6	-	787	tdk melimpas	30,984	23,233	bero
22	2	30,984	23,233	103.20	1.10	0.005	6,481	3.55	543	309.8	Bero	0.6	73,840	853	tdk melimpas	36,612	28,862	berhasil
23	Des 1	36,612	28,862	103.69	1.19	0.005	6,589	3.09	512	366.1	2.19	0.6	135,979	878	tdk melimpas	42,323	34,573	berhasil
24	2	42,323	34,573	104.24	1.29	0.006	7,831	3.13	595	423.2	1.78	0.6	118,221	1,018	tdk melimpas	49,137	41,386	berhasil

Sumber : Hasil Perhitungan

**Perhitungan Simulasi Operasi Embung Bunumbang**

**AWAL TANAM DES-1**

**Data Embung :**

Crest Spillway Level	=	+ 106.00 m
Min. Operation Level	=	+ 99.50 m
Max. Storage	=	74,769 m <sup>3</sup>
Dead Storage	=	7,751 m <sup>3</sup>
Efektif Storage	=	67,018 m <sup>3</sup>
Tampungan Pertama	=	67,018 m <sup>3</sup>

**Layanan Embung :**

Areal Irigasi	=	80.0
Crop Inten.	MT I	= (100%)
	MT II-a	= (10%)
	MT II-b	= (90%)
	MT III	= (0%)
Kebutuhan Air Baku	=	-
River Maintenance	=	0.000

**Layanan Embung :**

MT I	= 80.0	Ha (Padi)
MT II-a	= 8.0	Ha (Padi)
MT II-b	= 72.0	Ha (Palawija)
MT III	= 0.0	Ha (Palawija)

No	Bulan	Tampungan Awal		Elv. MAW	Luas Genangan (ha)	Inflow		Kehilangan			Outflow			Total Out Flow (m <sup>3</sup> )	Limpas (m <sup>3</sup> )	Tampungan Akhir		Keterangan Simulasi
		Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )			Debit Sungai (Q) (m <sup>3</sup> /det)	Total Inflow (m <sup>3</sup> )	Evaporasi		Rembesan (m <sup>3</sup> )	Kebutuhan Irigasi					Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )	
								(mm)	m <sup>3</sup>		DR (lt/det/Ha)	FK	Keb. Irigasi (m <sup>3</sup> )					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	Jan 1	67,018	59,268	105.50	1.54	0.009	11,561	3.26	752	670.2	1.76	1.0	182,810	1,422	2,388	67,018	59,268	berhasil
2	2	74,769	67,018	106.00	1.61	0.009	11,862	2.87	739	747.7	1.48	1.0	163,877	1,487	10,376	74,769	67,018	berhasil
3	Feb 1	74,769	67,018	106.00	1.61	0.017	20,509	3.02	682	747.7	1.34	1.0	129,542	1,430	19,079	74,769	67,018	berhasil
4	2	74,769	67,018	106.00	1.61	0.008	9,970	3.10	699	747.7	1.68	1.0	162,797	1,447	8,523	74,769	67,018	berhasil
5	Mar 1	74,769	67,018	106.00	1.61	0.011	14,886	2.90	701	747.7	1.31	1.0	135,806	1,448	13,438	74,769	67,018	berhasil
6	2	74,769	67,018	106.00	1.61	0.009	12,184	3.04	783	747.7	0.89	1.0	98,210	1,531	10,654	74,769	67,018	berhasil
7	Apr 1	74,769	67,018	106.00	1.61	0.005	6,069	2.89	698	747.7	0.39	1.0	40,852	1,446	4,624	74,769	67,018	berhasil
8	2	74,769	67,018	105.80	1.58	0.004	5,776	3.04	735	747.7	0.12	0.6	7,369	8,852	tdk melimpas	71,693	63,942	berhasil
9	Mei 1	71,693	63,942	104.41	1.33	0.003	4,530	2.57	610	716.9	0.41	0.6	23,540	24,867	tdk melimpas	51,356	43,605	berhasil
10	2	51,356	43,605	102.34	0.97	0.002	3,193	2.69	572	513.6	0.42	0.6	25,772	26,857	tdk melimpas	27,691	19,940	berhasil
11	Jun 1	27,691	19,940	99.49	0.47	0.002	2,078	2.60	378	276.9	0.59	0.6	33,523	34,178	tdk melimpas	7,751	-	gagal
12	2	7,751	-	99.49	0.47	0.001	1,687	2.86	203	77.5	0.55	0.6	31,192	31,472	tdk melimpas	7,751	-	gagal
13	Jul 1	7,751	-	99.49	0.47	0.001	1,492	2.83	201	77.5	0.45	0.6	25,893	26,172	tdk melimpas	7,751	-	gagal
14	2	7,751	-	99.49	0.47	0.001	1,480	2.91	220	77.5	0.27	0.6	16,371	16,668	tdk melimpas	7,751	-	gagal
15	Agt 1	7,751	-	99.71	0.51	0.001	1,345	2.78	197	77.5	Bero	0.6	-	275	tdk melimpas	8,821	1,070	bero
16	2	8,821	1,070	99.92	0.54	0.001	1,407	2.83	230	88.2	Bero	0.6	-	318	tdk melimpas	9,910	2,159	bero
17	Sep 1	9,910	2,159	100.09	0.57	0.001	1,310	2.73	222	99.1	Bero	0.6	-	321	tdk melimpas	10,898	3,147	bero
18	2	10,898	3,147	100.26	0.58	0.001	1,303	2.46	209	109.0	Bero	0.6	-	318	tdk melimpas	11,883	4,133	bero
19	Okt 1	11,883	4,133	101.19	0.71	0.005	6,483	3.54	310	118.8	Bero	0.6	-	429	tdk melimpas	17,938	10,187	bero
20	2	17,938	10,187	101.98	0.91	0.005	6,914	3.64	416	179.4	Bero	0.6	-	595	tdk melimpas	24,256	16,506	bero
21	Nop 1	24,256	16,506	102.56	1.00	0.005	6,481	3.82	523	242.6	Bero	0.6	-	766	tdk melimpas	29,972	22,221	bero
22	2	29,972	22,221	103.11	1.09	0.005	6,481	3.55	535	299.7	Bero	0.6	-	834	tdk melimpas	35,618	27,867	bero
23	Des 1	35,618	27,867	103.61	1.17	0.005	6,589	3.09	505	356.2	1.09	0.6	62,324	861	tdk melimpas	41,346	33,595	berhasil
24	2	41,346	33,595	104.17	1.28	0.006	7,831	3.13	588	413.5	2.07	0.6	126,030	1,001	tdk melimpas	48,176	40,426	berhasil

Sumber : Hasil Perhitungan



**Perhitungan Simulasi Operasi Embung Bunumbang**

**AWAL TANAM DES-2**

**Data Embung :**

Crest Spillway Level	=	+ 106.00 m
Min. Operation Level	=	+ 99.50 m
Max. Storage	=	74,769 m <sup>3</sup>
Dead Storage	=	7,751 m <sup>3</sup>
Efektif Storage	=	67,018 m <sup>3</sup>
Tampungan Pertama	=	67,018 m <sup>3</sup>

**Layanan Embung :**

Areal Irigasi	=	80.0
Crop Inten. MT I	=	(100%)
MT II-a	=	(10%)
MT II-b	=	(90%)
MT III	=	(0%)
Kebutuhan Air Baku	=	-
River Maintenance	=	0.000

**Layanan Embung :**

MT I	=	80.0	Ha (Padi)
MT II-a	=	8.0	Ha (Padi)
MT II-b	=	72.0	Ha (Palawija)
MT III	=	0.0	Ha (Palawija)

No	Bulan	Tampungan Awal		Elv. MAW	Luas Genangan (ha)	Inflow		Kehilangan			Outflow			Total Out Flow (m <sup>3</sup> )	Limpas (m <sup>3</sup> )	Tampungan Akhir		Keterangan Simulasi
		Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )			Debit Sungai (Q) (m <sup>3</sup> /det)	Total Inflow (m <sup>3</sup> )	Evaporasi		Rembesan (m <sup>3</sup> )	Kebutuhan Irigasi					Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )	
								(mm)	m <sup>3</sup>		DR (lt/det/Ha)	FK	Keb. Irigasi (m <sup>3</sup> )					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	Jan 1	67,018	59,268	105.50	1.54	0.009	11,561	3.26	752	670.2	2.04	1.0	211,985	1,422	2,388	67,018	59,268	berhasil
2	2	74,769	67,018	106.00	1.61	0.009	11,862	2.87	739	747.7	1.71	1.0	188,756	1,487	10,376	74,769	67,018	berhasil
3	Feb 1	74,769	67,018	106.00	1.61	0.017	20,509	3.02	682	747.7	1.35	1.0	130,847	1,430	19,079	74,769	67,018	berhasil
4	2	74,769	67,018	106.00	1.61	0.008	9,970	3.10	699	747.7	1.70	1.0	164,135	1,447	8,523	74,769	67,018	berhasil
5	Mar 1	74,769	67,018	106.00	1.61	0.011	14,886	2.90	701	747.7	1.34	1.0	138,489	1,448	13,438	74,769	67,018	berhasil
6	2	74,769	67,018	106.00	1.61	0.009	12,184	3.04	783	747.7	1.45	1.0	160,676	1,531	10,654	74,769	67,018	berhasil
7	Apr 1	74,769	67,018	106.00	1.61	0.005	6,069	2.89	698	747.7	1.03	1.0	107,101	1,446	4,624	74,769	67,018	berhasil
8	2	74,769	67,018	106.00	1.61	0.004	5,776	3.04	735	747.7	0.43	1.0	44,741	1,483	4,293	74,769	67,018	berhasil
9	Mei 1	74,769	67,018	105.63	1.56	0.003	4,530	2.57	622	747.7	0.14	0.6	8,900	10,269	tdk melimpas	69,030	61,280	berhasil
10	2	69,030	61,280	103.74	1.20	0.002	3,193	2.69	669	690.3	0.42	0.6	28,013	29,372	tdk melimpas	42,851	35,100	berhasil
11	Jun 1	42,851	35,100	100.54	0.61	0.002	2,078	2.60	466	428.5	0.49	0.6	30,434	31,329	tdk melimpas	13,601	5,850	berhasil
12	2	13,601	5,850	99.49	0.47	0.001	1,687	2.86	263	136.0	0.59	0.6	36,679	37,079	tdk melimpas	7,751	-	gagal
13	Jul 1	7,751	-	99.49	0.47	0.001	1,492	2.83	201	77.5	0.58	0.6	36,120	36,399	tdk melimpas	7,751	-	gagal
14	2	7,751	-	99.49	0.47	0.001	1,480	2.91	220	77.5	0.46	0.6	30,747	31,045	tdk melimpas	7,751	-	gagal
15	Agt 1	7,751	-	99.49	0.47	0.001	1,345	2.78	197	77.5	0.27	0.6	16,751	17,026	tdk melimpas	7,751	-	gagal
16	2	7,751	-	99.72	0.51	0.001	1,407	2.83	214	77.5	Bero	0.6	-	292	tdk melimpas	8,866	1,115	bero
17	Sep 1	8,866	1,115	99.91	0.54	0.001	1,310	2.73	209	88.7	Bero	0.6	-	297	tdk melimpas	9,878	2,128	bero
18	2	9,878	2,128	100.09	0.56	0.001	1,303	2.46	200	98.8	Bero	0.6	-	299	tdk melimpas	10,883	3,132	bero
19	Okt 1	10,883	3,132	101.07	0.68	0.005	6,483	3.54	300	108.8	Bero	0.6	-	409	tdk melimpas	16,957	9,206	bero
20	2	16,957	9,206	101.87	0.89	0.005	6,914	3.64	398	169.6	Bero	0.6	-	567	tdk melimpas	23,303	15,553	bero
21	Nop 1	23,303	15,553	102.47	0.99	0.005	6,481	3.82	507	233.0	Bero	0.6	-	740	tdk melimpas	29,044	21,293	bero
22	2	29,044	21,293	103.03	1.08	0.005	6,481	3.55	527	290.4	Bero	0.6	-	817	tdk melimpas	34,707	26,957	bero
23	Des 1	34,707	26,957	103.53	1.16	0.005	6,589	3.09	499	347.1	Bero	0.6	-	846	tdk melimpas	40,451	32,700	bero
24	2	40,451	32,700	104.11	1.26	0.006	7,831	3.13	581	404.5	1.04	0.6	68,744	986	tdk melimpas	47,297	39,546	berhasil

Sumber : Hasil Perhitungan

**Perhitungan Simulasi Operasi Embung Bunumbang**

**AWAL TANAM NOP-1**

**Data Embung :**

Crest Spillway Level	=	+ 106.00 m
Min. Operation Level	=	+ 99.50 m
Max. Storage	=	74,769 m <sup>3</sup>
Dead Storage	=	7,751 m <sup>3</sup>
Efektif Storage	=	67,018 m <sup>3</sup>
Tampungan Pertama	=	67,018 m <sup>3</sup>

**Layanan Embung :**

Areal Irigasi	=	70.0
Crop Inten. MT I	=	(100%)
MT II-a	=	(0%)
MT II-b	=	(100%)
MT III	=	(25%)
Kebutuhan Air Baku	=	-
River Maintenance	=	0.000

**Layanan Embung :**

MT I	=	70.0	Ha (Padi)
MT II-a	=	0.0	Ha (Padi)
MT II-b	=	70.0	Ha (Palawija)
MT III	=	17.5	Ha (Palawija)

No	Bulan	Tampungan Awal		Elev. MAW	Luas Genangan	Inflow		Kehilangan			Outflow			Total Out Flow	Limpas	Tampungan Akhir		Keterangan Simulasi
		Total	Efektif			Debit Sungai (Q)	Total Inflow	Evaporasi		Rembesan	Kebutuhan Irigasi					Total	Efektif	
								(m <sup>3</sup> )	(m <sup>3</sup> )		(mm)	m <sup>3</sup>	(m <sup>3</sup> )					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
				105.50	1.54											67,018	59,268	
1	Jan 1	67,018	59,268	106.00	1.61	0.009	11,561	3.26	752	670.2	0.94	1.0	85,357	1,422	2,388	74,769	67,018	berhasil
2	2	74,769	67,018	106.00	1.61	0.009	11,862	2.87	739	747.7	0.92	1.0	89,064	1,487	10,376	74,769	67,018	berhasil
3	Feb 1	74,769	67,018	106.00	1.61	0.017	20,509	3.02	682	747.7	0.76	1.0	64,551	1,430	19,079	74,769	67,018	berhasil
4	2	74,769	67,018	106.00	1.61	0.008	9,970	3.10	699	747.7	0.53	1.0	44,936	1,447	8,523	74,769	67,018	berhasil
5	Mar 1	74,769	67,018	106.00	1.61	0.011	14,886	2.90	701	747.7	0.00	1.0	-	1,448	13,438	74,769	67,018	berhasil
6	2	74,769	67,018	106.00	1.61	0.009	12,184	3.04	783	747.7	0.00	1.0	-	1,531	10,654	74,769	67,018	berhasil
7	Apr 1	74,769	67,018	106.00	1.61	0.005	6,069	2.89	698	747.7	0.00	1.0	-	1,446	4,624	74,769	67,018	berhasil
8	2	74,769	67,018	105.07	1.47	0.004	5,776	3.04	735	747.7	0.34	0.6	18,606	20,089	tdk melimpas	60,456	52,705	berhasil
9	Mei 1	60,456	52,705	103.78	1.20	0.003	4,530	2.57	569	604.6	0.38	0.6	20,457	21,630	tdk melimpas	43,356	35,605	berhasil
10	2	43,356	35,605	102.09	0.93	0.002	3,193	2.69	517	433.6	0.35	0.6	20,348	21,299	tdk melimpas	25,249	17,499	berhasil
11	Jun 1	25,249	17,499	100.05	0.56	0.002	2,078	2.60	364	252.5	0.29	0.6	16,043	16,659	tdk melimpas	10,669	2,918	berhasil
12	2	10,669	2,918	99.64	0.50	0.001	1,687	2.86	240	106.7	0.06	0.6	3,529	3,876	tdk melimpas	8,480	729	berhasil
13	Jul 1	8,480	729	99.87	0.53	0.001	1,492	2.83	211	84.8	0.00	0.6	-	296	tdk melimpas	9,675	1,924	berhasil
14	2	9,675	1,924	99.75	0.51	0.001	1,480	2.91	249	96.7	0.03	0.6	1,771	2,117	tdk melimpas	9,038	1,288	berhasil
15	Agt 1	9,038	1,288	99.49	0.47	0.001	1,345	2.78	215	90.4	0.08	0.6	4,223	4,528	tdk melimpas	7,751	-	gagal
16	2	7,751	-	99.49	0.47	0.001	1,407	2.83	214	77.5	0.11	0.6	6,411	6,703	tdk melimpas	7,751	-	gagal
17	Sep 1	7,751	-	99.49	0.47	0.001	1,310	2.73	194	77.5	0.12	0.6	6,638	6,910	tdk melimpas	7,751	-	gagal
18	2	7,751	-	99.49	0.47	0.001	1,303	2.46	175	77.5	0.10	0.6	5,327	5,580	tdk melimpas	7,751	-	gagal
19	Okt 1	7,751	-	99.68	0.50	0.005	6,483	3.54	252	77.5	0.10	0.6	5,243	5,572	tdk melimpas	8,662	911	berhasil
20	2	8,662	911	100.58	0.62	0.005	6,914	3.64	293	86.6	0.02	0.6	1,331	1,710	tdk melimpas	13,865	6,114	berhasil
21	Nop 1	13,865	6,114	101.43	0.78	0.005	6,481	3.82	355	138.7	0.99	0.6	53,978	493	tdk melimpas	19,853	12,102	berhasil
22	2	19,853	12,102	102.14	0.94	0.005	6,481	3.55	412	198.5	2.03	0.6	110,434	611	tdk melimpas	25,723	17,972	berhasil
23	Des 1	25,723	17,972	102.73	1.03	0.005	6,589	3.09	436	257.2	1.41	0.6	76,744	693	tdk melimpas	31,619	23,868	berhasil
24	2	31,619	23,868	103.37	1.13	0.006	7,831	3.13	515	316.2	0.97	0.6	56,556	831	tdk melimpas	38,619	30,868	berhasil

Sumber : Hasil Perhitungan

**Perhitungan Simulasi Operasi Embung Bunumbang**

**AWAL TANAM NOP-2**

**Data Embung :**

Crest Spillway Level	=	+ 106.00 m
Min. Operation Level	=	+ 99.50 m
Max. Storage	=	74,769 m <sup>3</sup>
Dead Storage	=	7,751 m <sup>3</sup>
Efektif Storage	=	67,018 m <sup>3</sup>
Tampungan Pertama	=	67,018 m <sup>3</sup>

**Layanan Embung :**

Areal Irigasi	=	70.0
Crop Inten. MT I	=	(100%)
MT II-a	=	(0%)
MT II-b	=	(100%)
MT III	=	(25%)
Kebutuhan Air Baku	=	-
River Maintenance	=	0.000

**Layanan Embung :**

MT I	=	70.0	Ha (Padi)
MT II-a	=	0.0	Ha (Padi)
MT II-b	=	70.0	Ha (Palawija)
MT III	=	17.5	Ha (Palawija)

Periode		Tampungan Awal		Elv. MAW	Luas Genangan	Inflow		Kehilangan			Outflow			Total Out Flow	Limpas	Tampungan Akhir		Keterangan Simulasi
		Total	Efektif			Debit Sungai (Q)	Total Inflow	Evaporasi		Rembesan	Kebutuhan Irigasi					Total	Efektif	
No	Bulan	(m <sup>3</sup> )	(m <sup>3</sup> )	(ha)	(m <sup>3</sup> /det)	(m <sup>3</sup> )	(mm)	m <sup>3</sup>	(m <sup>3</sup> )	DR (lt/det/Ha)	FK	Keb. Irigasi (m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(19)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	Jan 1	67,018	59,268	105.50	1.54	0.009	11,561	3.26	752	670.2	1.49	1.0	135,289	1,422	2,388	67,018	59,268	berhasil
2	2	74,769	67,018	106.00	1.61	0.009	11,862	2.87	739	747.7	1.47	1.0	142,154	1,487	10,376	74,769	67,018	berhasil
3	Feb 1	74,769	67,018	106.00	1.61	0.017	20,509	3.02	682	747.7	1.33	1.0	112,206	1,430	19,079	74,769	67,018	berhasil
4	2	74,769	67,018	106.00	1.61	0.008	9,970	3.10	699	747.7	1.65	1.0	140,105	1,447	8,523	74,769	67,018	berhasil
5	Mar 1	74,769	67,018	106.00	1.61	0.011	14,886	2.90	701	747.7	0.74	1.0	67,175	1,448	13,438	74,769	67,018	berhasil
6	2	74,769	67,018	106.00	1.61	0.009	12,184	3.04	783	747.7	0.32	1.0	30,506	1,531	10,654	74,769	67,018	berhasil
7	Apr 1	74,769	67,018	106.00	1.61	0.005	6,069	2.89	698	747.7	0.00	1.0	-	1,446	4,624	74,769	67,018	berhasil
8	2	74,769	67,018	105.55	1.55	0.004	5,776	3.04	735	747.7	0.21	0.6	11,216	12,699	tdk melimpas	67,846	60,095	berhasil
9	Mei 1	67,846	60,095	104.58	1.37	0.003	4,530	2.57	596	678.5	0.32	0.6	17,333	18,607	tdk melimpas	53,769	46,018	berhasil
10	2	53,769	46,018	102.87	1.05	0.002	3,193	2.69	589	537.7	0.39	0.6	22,854	23,981	tdk melimpas	32,980	25,230	berhasil
11	Jun 1	32,980	25,230	100.16	0.57	0.002	2,078	2.60	409	329.8	0.42	0.6	22,991	23,730	tdk melimpas	11,329	3,578	berhasil
12	2	11,329	3,578	99.49	0.47	0.001	1,687	2.86	246	113.3	0.27	0.6	14,921	15,280	tdk melimpas	7,751	-	gagal
13	Jul 1	7,751	-	99.49	0.47	0.001	1,492	2.83	201	77.5	0.11	0.6	5,747	6,026	tdk melimpas	7,751	-	gagal
14	2	7,751	-	99.73	0.51	0.001	1,480	2.91	220	77.5	0.00	0.6	-	298	tdk melimpas	8,933	1,182	berhasil
15	Agt 1	8,933	1,182	99.80	0.52	0.001	1,345	2.78	213	89.3	0.01	0.6	676	978	tdk melimpas	9,300	1,549	berhasil
16	2	9,300	1,549	99.65	0.50	0.001	1,407	2.83	237	93.0	0.03	0.6	1,832	2,161	tdk melimpas	8,545	794	berhasil
17	Sep 1	8,545	794	99.49	0.47	0.001	1,310	2.73	205	85.5	0.04	0.6	2,130	2,420	tdk melimpas	7,751	-	gagal
18	2	7,751	-	99.49	0.47	0.001	1,303	2.46	175	77.5	0.04	0.6	2,151	2,403	tdk melimpas	7,751	-	gagal
19	Okt 1	7,751	-	100.09	0.56	0.005	6,483	3.54	252	77.5	0.06	0.6	3,045	3,374	tdk melimpas	10,860	3,109	berhasil
20	2	10,860	3,109	100.81	0.64	0.005	6,914	3.64	329	108.6	0.04	0.6	2,081	2,518	tdk melimpas	15,256	7,505	berhasil
21	Nop 1	15,256	7,505	101.60	0.82	0.005	6,481	3.82	369	152.6	0.00	0.6	-	522	tdk melimpas	21,215	13,464	berhasil
22	2	21,215	13,464	102.27	0.96	0.005	6,481	3.55	436	212.1	1.19	0.6	64,610	648	tdk melimpas	27,048	19,297	berhasil
23	Des 1	27,048	19,297	102.86	1.05	0.005	6,589	3.09	445	270.5	2.19	0.6	118,981	716	tdk melimpas	32,921	25,171	berhasil
24	2	32,921	25,171	103.48	1.15	0.006	7,831	3.13	525	329.2	1.78	0.6	103,443	854	tdk melimpas	39,898	32,148	berhasil

Sumber : Hasil Perhitungan

**Perhitungan Simulasi Operasi Embung Bunumbang**

**AWAL TANAM DES-1**

**Data Embung :**

Crest Spillway Level	=	+ 106.00 m
Min. Operation Level	=	+ 99.50 m
Max. Storage	=	74,769 m <sup>3</sup>
Dead Storage	=	7,751 m <sup>3</sup>
Efektif Storage	=	67,018 m <sup>3</sup>
Tampungan Pertama	=	67,018 m <sup>3</sup>

**Layanan Embung :**

Areal Irigasi	=	70.0
Crop Inten.	MT I =	(100%)
	MT II-a =	(0%)
	MT II-b =	(100%)
	MT III =	(20%)
Kebutuhan Air Baku	=	-
River Maintenance	=	0.000

**Layanan Embung :**

MT I	= 70.0	Ha (Padi)
MT II-a	= 0.0	Ha (Padi)
MT II-b	= 70.0	Ha (Palawija)
MT III	= 14.0	Ha (Palawija)

No	Bulan	Tampungan Awal		Elv. MAW	Luas Genangan (ha)	Inflow		Kehilangan			Outflow			Total Out Flow (m <sup>3</sup> )	Limpas (m <sup>3</sup> )	Tampungan Akhir		Keterangan Simulasi
		Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )			Debit Sungai (Q) (m <sup>3</sup> /det)	Total Inflow (m <sup>3</sup> )	Evaporasi		Rembesan (m <sup>3</sup> )	Kebutuhan Irigasi					Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )	
								(mm)	m <sup>3</sup>		DR (lt/det/Ha)	FK	Keb. Irigasi (m <sup>3</sup> )					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1	Jan 1	67,018	59,268	105.50	1.54	0.009	11,561	3.26	752	670.2	1.76	1.0	159,959	1,422	2,388	67,018	59,268	berhasil
2	2	74,769	67,018	106.00	1.61	0.009	11,862	2.87	739	747.7	1.48	1.0	143,392	1,487	10,376	74,769	67,018	berhasil
3	Feb 1	74,769	67,018	106.00	1.61	0.017	20,509	3.02	682	747.7	1.34	1.0	113,349	1,430	19,079	74,769	67,018	berhasil
4	2	74,769	67,018	106.00	1.61	0.008	9,970	3.10	699	747.7	1.68	1.0	142,447	1,447	8,523	74,769	67,018	berhasil
5	Mar 1	74,769	67,018	106.00	1.61	0.011	14,886	2.90	701	747.7	1.31	1.0	118,831	1,448	13,438	74,769	67,018	berhasil
6	2	74,769	67,018	106.00	1.61	0.009	12,184	3.04	783	747.7	0.89	1.0	85,934	1,531	10,654	74,769	67,018	berhasil
7	Apr 1	74,769	67,018	106.00	1.61	0.005	6,069	2.89	698	747.7	0.39	1.0	35,745	1,446	4,624	74,769	67,018	berhasil
8	2	74,769	67,018	106.00	1.61	0.004	5,776	3.04	735	747.7	0.00	1.0	218	1,701	4,075	74,769	67,018	berhasil
9	Mei 1	74,769	67,018	105.54	1.54	0.003	4,530	2.57	622	747.7	0.20	0.6	10,161	11,530	tdk melimpas	67,770	60,019	berhasil
10	2	67,770	60,019	104.44	1.34	0.002	3,193	2.69	664	677.7	0.33	0.6	17,759	19,101	tdk melimpas	51,861	44,111	berhasil
11	Jun 1	51,861	44,111	102.54	1.00	0.002	2,078	2.60	522	518.6	0.46	0.6	23,159	24,200	tdk melimpas	29,740	21,989	berhasil
12	2	29,740	21,989	99.94	0.55	0.001	1,687	2.86	429	297.4	0.41	0.6	20,682	21,408	tdk melimpas	10,018	2,268	berhasil
13	Jul 1	10,018	2,268	99.99	0.47	0.001	1,492	2.83	232	100.2	0.31	0.6	15,625	15,957	tdk melimpas	7,751	-	gagal
14	2	7,751	-	99.49	0.47	0.001	1,480	2.91	220	77.5	0.11	0.6	5,803	6,101	tdk melimpas	7,751	-	gagal
15	Agt 1	7,751	-	99.71	0.51	0.001	1,345	2.78	197	77.5	0.00	0.6	-	275	tdk melimpas	8,821	1,070	berhasil
16	2	8,821	1,070	99.66	0.50	0.001	1,407	2.83	230	88.2	0.03	0.6	1,343	1,661	tdk melimpas	8,566	816	berhasil
17	Sep 1	8,566	816	99.49	0.47	0.001	1,310	2.73	205	85.7	0.06	0.6	3,043	3,333	tdk melimpas	7,751	-	gagal
18	2	7,751	-	99.49	0.47	0.001	1,303	2.46	175	77.5	0.08	0.6	3,753	4,005	tdk melimpas	7,751	-	gagal
19	Okt 1	7,751	-	99.49	0.47	0.005	6,483	3.54	252	77.5	0.12	0.6	6,151	6,480	tdk melimpas	7,754	4	berhasil
20	2	7,754	4	99.66	0.50	0.005	6,914	3.64	276	77.5	0.11	0.6	5,719	6,073	tdk melimpas	8,595	845	berhasil
21	Nop 1	8,595	845	100.46	0.61	0.005	6,481	3.82	287	86.0	0.03	0.6	1,575	1,948	tdk melimpas	13,128	5,377	berhasil
22	2	13,128	5,377	101.34	0.75	0.005	6,481	3.55	322	131.3	0.00	0.6	-	454	tdk melimpas	19,155	11,405	berhasil
23	Des 1	19,155	11,405	102.09	0.93	0.005	6,589	3.09	349	191.6	1.09	0.6	54,533	541	tdk melimpas	25,204	17,453	berhasil
24	2	25,204	17,453	102.80	1.04	0.006	7,831	3.13	467	252.0	2.07	0.6	110,276	719	tdk melimpas	32,317	24,566	berhasil

Sumber : Hasil Perhitungan

**Perhitungan Simulasi Operasi Embung Bunumbang**

**AWAL TANAM DES-2**

**Data Embung :**

Crest Spillway Level	=	+ 106.00 m
Min. Operation Level	=	+ 99.50 m
Max. Storage	=	74,769 m <sup>3</sup>
Dead Storage	=	7,751 m <sup>3</sup>
Efektif Storage	=	67,018 m <sup>3</sup>
Tampungan Pertama	=	67,018 m <sup>3</sup>

**Layanan Embung :**

Areal Irigasi	=	70.0
Crop Inten.	MT I	= (100%)
	MT II-a	= (0%)
	MT II-b	= (100%)
	MT III	= (15%)
Kebutuhan Air Baku	=	-
River Maintenance	=	0.000

**Layanan Embung :**

MT I	= 70.0	Ha (Padi)
MT II-a	= 0.0	Ha (Padi)
MT II-b	= 70.0	Ha (Palawija)
MT III	= 10.5	Ha (Palawija)

No	Bulan	Tampungan Awal		Elv. MAW	Luas Genangan (ha)	Inflow		Kehilangan			Outflow			Total Out Flow (m <sup>3</sup> )	Limpas (m <sup>3</sup> )	Tampungan Akhir		Keterangan Simulasi	
		Total (m <sup>3</sup> )	Efektif (m <sup>3</sup> )			Debit Sungai (Q) (m <sup>3</sup> /det)	Total Inflow (m <sup>3</sup> )	Evaporasi		Rembesan (m <sup>3</sup> )	Kebutuhan Irigasi					Total (m <sup>3</sup> )	Total (m <sup>3</sup> )		Efektif (m <sup>3</sup> )
								(mm)	m <sup>3</sup>		DR (lt/det/Ha)	FK	Keb. Irigasi (m <sup>3</sup> )						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
1	Jan 1	67,018	59,268	105.50	1.54	0.009	11,561	3.26	752	670.2	2.04	1.0	185,487	1,422	2,388	67,018	59,268	berhasil	
2	2	74,769	67,018	106.00	1.61	0.009	11,862	2.87	739	747.7	1.71	1.0	165,161	1,487	10,376	74,769	67,018	berhasil	
3	Feb 1	74,769	67,018	106.00	1.61	0.017	20,509	3.02	682	747.7	1.35	1.0	114,491	1,430	19,079	74,769	67,018	berhasil	
4	2	74,769	67,018	106.00	1.61	0.008	9,970	3.10	699	747.7	1.70	1.0	143,618	1,447	8,523	74,769	67,018	berhasil	
5	Mar 1	74,769	67,018	106.00	1.61	0.011	14,886	2.90	701	747.7	1.34	1.0	121,178	1,448	13,438	74,769	67,018	berhasil	
6	2	74,769	67,018	106.00	1.61	0.009	12,184	3.04	783	747.7	1.45	1.0	140,592	1,531	10,654	74,769	67,018	berhasil	
7	Apr 1	74,769	67,018	106.00	1.61	0.005	6,069	2.89	698	747.7	1.03	1.0	93,713	1,446	4,624	74,769	67,018	berhasil	
8	2	74,769	67,018	106.00	1.61	0.004	5,776	3.04	735	747.7	0.43	1.0	39,148	1,483	4,293	74,769	67,018	berhasil	
9	Mei 1	74,769	67,018	106.00	1.61	0.003	4,530	2.57	622	747.7	0.03	1.0	2,853	4,222	309	74,769	67,018	berhasil	
10	2	74,769	67,018	105.31	1.51	0.002	3,193	2.69	693	747.7	0.21	0.6	12,412	13,853	tdk melimpas	64,109	56,358	berhasil	
11	Jun 1	64,109	56,358	103.74	1.20	0.002	2,078	2.60	589	641.1	0.41	0.6	22,107	23,336	tdk melimpas	42,851	35,100	berhasil	
12	2	42,851	35,100	101.27	0.73	0.001	1,687	2.86	513	428.5	0.46	0.6	25,063	26,004	tdk melimpas	18,534	10,784	berhasil	
13	Jul 1	18,534	10,784	99.49	0.47	0.001	1,492	2.83	312	185.3	0.45	0.6	24,624	25,121	tdk melimpas	7,751	-	gagal	
14	2	7,751	-	99.49	0.47	0.001	1,480	2.91	220	77.5	0.32	0.6	18,693	18,991	tdk melimpas	7,751	-	gagal	
15	Agt 1	7,751	-	99.49	0.47	0.001	1,345	2.78	197	77.5	0.11	0.6	6,081	6,356	tdk melimpas	7,751	-	gagal	
16	2	7,751	-	99.72	0.51	0.001	1,407	2.83	214	77.5	0.00	0.6	-	292	tdk melimpas	8,866	1,115	berhasil	
17	Sep 1	8,866	1,115	99.72	0.51	0.001	1,310	2.73	209	88.7	0.02	0.6	996	1,293	tdk melimpas	8,883	1,132	berhasil	
18	2	8,883	1,132	99.49	0.47	0.001	1,303	2.46	188	88.8	0.04	0.6	2,174	2,451	tdk melimpas	7,751	-	gagal	
19	Okt 1	7,751	-	99.84	0.53	0.005	6,483	3.54	252	77.5	0.08	0.6	4,386	4,715	tdk melimpas	9,519	1,768	berhasil	
20	2	9,519	1,768	100.08	0.56	0.005	6,914	3.64	309	95.2	0.09	0.6	5,189	5,593	tdk melimpas	10,839	3,088	berhasil	
21	Nop 1	10,839	3,088	100.61	0.62	0.005	6,481	3.82	323	108.4	0.05	0.6	2,820	3,251	tdk melimpas	14,069	6,318	berhasil	
22	2	14,069	6,318	101.35	0.76	0.005	6,481	3.55	331	140.7	0.02	0.6	835	1,307	tdk melimpas	19,243	11,492	berhasil	
23	Des 1	19,243	11,492	102.09	0.93	0.005	6,589	3.09	350	192.4	0.00	0.6	-	543	tdk melimpas	25,289	17,539	berhasil	
24	2	25,289	17,539	102.81	1.04	0.006	7,831	3.13	467	252.9	1.04	0.6	60,151	720	tdk melimpas	32,401	24,650	berhasil	

Sumber : Hasil Perhitungan





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Nomor : 165 /H.3.AU/A/V/2020

Mataram, 11 Ramadhan 1441 H

Lampiran : -

04 Mei 2020 M

Prihal : Penunjukan Dosen Pembimbing Tugas Akhir/Skripsi

Kepada YTH :

1. Dr. Eng. M. Islamy Rusyda, ST., MT
2. Titik Wahyuningsih, ST., MT

di-

M A T A R A M

*Assalamu'alaikum WarahmatullahiWabarakatuh*

Dengan hormat, sehubungan mahasiswa dibawah ini :

N A M A : Syarifuddin Sofyan  
NIM : 416110055  
JURUSAN/PRODI : Rekayasa Sipil

Telah menunjukkan Proposal Skripsi/Tugas Akhir dengan Judul "*Analisa Keseimbangan Air Embung Bunumbang Di Kabupaten Lombok Tengah, di Desa Kabul, Kecamatan Praya Barat Daya, Kabupaten Lombok Tengah.*".

Maka untuk menyelesaikan Skripsi/Tugas Akhir tersebut, kami tunjuk Dosen Pembimbing sebagai berikut :

1. Pembimbing I : Dr. Eng. M. Islamy Rusyda, ST., MT
2. Pembimbing II : Titik Wahyuningsih, ST., MT

Demikian untuk dilaksanakan sebagaimana mestinya dan atas kerjasama yang baik kami ucapkan terima kasih.

*Wabillahittaufiq Walhidayah.*

*Wassalamu'alaikum Warahmatullahi Wabarakatuh*



Fakultas Teknik UMMAT

Dekan,

Dr. Eng. M. Islamy Rusyda, ST., MT.

NIDN: 0824017501

Tembusan kepada Yth. :

1. Rektor UM. Mataram di Mataram
2. Arsip.



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Nomor : 230/II.3.AU/J/VI/2020  
Lampiran : -  
Prihal : **PERMOHONAN DATA**

Mataram, 17 Syawal 1441 H  
09 Juni 2020 M

KEPADA

YTH : Kepala BWS NT 1, Bagian Unit Hidrologi Dan Alokasi Air  
di -

Tempat

*Assalamu'alaikum Wr. Wb.*

Dalam rangka penyusunan Skripsi/Tugas Akhir mahasiswa kami, Jurusan/Program Studi Teknik Sipil Fakultas Teknik Universitas Muhammadiyah Mataram, mohon kiranya dapat diberikan data kepada mahasiswa tersebut dibawah ini:

Nama : Syarifuddin Sofyan  
NIM : 416110055  
Jurusan/Prodi : Rekayasa Sipil  
Judul Tugas Akhir : "Analisa Keseimbangan Air Embung Bunumbang Di Kabupaten Lombok Tengah."

Data Kebutuhan : Data Hujan Stasiun Kabul Dan Mangkung 15 Tahun Dan Data Klimatologi CR Pengga 5 Tahun.

Demikian permohonan kami, atas bantuan dan kerjasama yang baik disampaikan terima kasih.

*Wabillahaufiq Walhidayah*  
*Wassalamu'alaikum Wr. Wb.*

Fakultas Teknik, UMMAT,  
Dekan,



**Dr. Eng. M. Islamy Rusyda, ST., MT.**  
NIDN. 0824017501





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**SURAT-TUGAS**

Nomor : 312- /II.3.AU/TGS/VIII/2020

*Assalamu'alaikum Wr.Wb.*

Yang bertanda tangan dibawah ini, Dekan Fakultas Teknik Universitas Muhammadiyah Mataram, menugaskan kepada :

N A M A : 1. Dr. Eng. M. Islamy Rusyda, ST.,MT  
2. Titik Wahyuningsih, ST., MT

Untuk menjadi penguji pada Seminar SKRIPSI/TUGAS AKHIR mahasiswa dibawah ini:

- Nama : Syarifuddin Sofyan
- N I M : 416110055
- Prodi : Teknik Sipil
- Judul Skripsi : "Analisa Keseimbangan Air Embung Bunumbang di Kabupaten Lombok Tengah."

Yang akan diselenggarakan pada :

- HARI/TANGGAL : Senin, 10 Agustus 2020
- WAKTU : Pk. 10.00 - selesai
- RUANG : R. Seminar Teknik Sipil

Demikian surat tugas ini dibuat untuk dapat dilaksanakan sebaik-baiknya.

*Wabillahittaufiq Walhidayah.*  
*Wassalamu'alaikum Wr.Wb.*

Mataram, 08 Agustus 2020

Fakultas Teknik, UMMAT

Dekan,



**Dr. Eng. M. Islamy Rusyda, ST., MT.**

NIDN. 0824017501.



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Telp/Fax: (0370) 631904; website: <http://www.ummat.ac.id>; email: [fatek@ummat.ac.id](mailto:fatek@ummat.ac.id)



**SURAT - TUGAS**

Nomor : 112/II.3.AU/TGS/VIII/2020

*Assalamu'alaikum Wr.Wb.*

Yang bertanda tangan dibawah ini, Dekan Fakultas Teknik Universitas Muhammadiyah Mataram, menugaskan kepada :

N A M A : 1. Dr. Eng. M. Islamy Rusyda, ST., MT  
2. Titik Wahyuningsih, ST., MT  
3. Agustini Ernawati, ST., M.Tech

Untuk menjadi penguji pada ujian SKRIPSI/TUGAS AKHIR mahasiswa dibawah ini:

- Nama : Syarifuddin Sofyan
- N I M : 416110055
- Prodi : Teknik Sipil
- Judul Skripsi : "Analisa Keseimbangan Air Embung Bunumbang di Kabupaten Lombok Tengah."

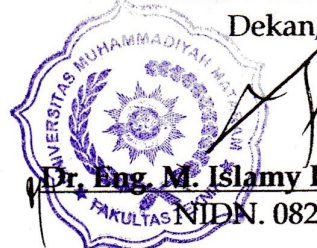
Yang akan diselenggarakan pada :

- HARI/TANGGAL : Kamis, 13 Agustus 2020
- WAKTU : pk. 11.00 - Selesai
- RUANG : R. Sidang Teknik Sipil

Demikian surat tugas ini dibuat untuk dapat dilaksanakan sebaik-baiknya.

*Wabillahittaufiq Walhidayah.*  
*Wassalamu'alaikum Wr.Wb.*

Mataram, 12 Agustus 2020  
Fakultas Teknik, UMMAT  
Dekan,



**Dr. Eng. M. Islamy Rusyda, ST., MT.**  
NIDN. 0824017501





**LEMBAR KONSULTASI TUGAS AKHIR (SKRIPSI)**

NAMA : SYARIFUDDIN SOFYAN  
NIM : 416110055

No	Tanggal	Catatan/Revisi	Paraf
1	17/05/20	<ul style="list-style-type: none"><li>- Untut cover jangan dibuat jenis Pembatas, ikuti Panduan.</li><li>- Paragraf pertama di pindah sebelum paragraf Embung buirumbing, karena kondisi nyata, biar nyambung.</li><li>- Hilangkan kata maksud, cukup tujuan saja.</li><li>- Batasan masalah dibuat nyambung dengan judul.</li><li>- Penulisan tabel rata kiri lurus dengan tabel.</li><li>- Penulisan rumus pada hal. 26 dan 27 belum dibuat persamaannya.</li><li>- Pada tahap pengumpulan data. Sebutkan dulu jenis data dan jelaskan secara detail kedua jenis data tersebut.</li></ul>	f

- Pada ~~waktu~~ metode penelitian waktu belum ditulis. Mengetahui

Dosen Pembimbing II

TITIK WAHYUNINGSIH, ST. MT.



**LEMBAR KONSULTASI TUGAS AKHIR (SKRIPSI)**

NAMA : SYARIFUDDIN SOFYAN  
NIM : 416110055

No	Tanggal	Catatan/Revisi	Paraf
2.	09/06/2020	<ul style="list-style-type: none"><li>- perbaiki penulisan Rumus (persamaan kata bman</li><li>- perbaiki sub bab pd bab 3</li><li>- perbaiki prosedur penelitian</li><li>- Cari data</li></ul>	f
3.	1/07/2020	<ul style="list-style-type: none"><li>- perbaiki penulisan rumus bab 3</li><li>- perbaiki foto lokasi</li><li>- prosedur penelitian dibuat satu halaman.</li><li>- sumber data internal region ditambahkan.</li><li>- <del>bag</del></li></ul>	f.
4.	4/07/2020	<ul style="list-style-type: none"><li>- Lanjut perhitungan analisis ketebalan air</li></ul>	f.
5.	12/07/2020	<ul style="list-style-type: none"><li>- Lanjut penulisan I</li></ul>	f

Mengetahui

Dosen Pembimbing II

TITIK WAHYUNINGSIH, ST. MT.



**LEMBAR KONSULTASI TUGAS AKHIR (SKRIPSI)**

NAMA : SYARIFUDDIN SOFYAN  
NIM : 416110055

No	Tanggal	Catatan/Revisi	Paraf
	1-7-20	perbaiki Gambar lokasi pilotis perbaikan gambar to kusen Jalan  perbaiki metodologinya	AJ
	7-7-20	perbaiki h, peta lokasi. gambar diperjelas perbaiki gambar 4.2 cek nilai statistik dan uji lessthan. data	AJ
	19-7/20	perbaiki data awal hijau merah cek tabel, tambah grafik sk	

Dosen Pembimbing I

Dr. Eng. M. ISLAMY RUSYDA, ST. MT.



LEMBAR KONSULTASI TUGAS AKHIR (SKRIPSI)

NAMA : SYARIFUDDIN SOFYAN  
NIM : 416110055

No	Tanggal	Catatan/Revisi	Paraf
	21-7/2022	Buat interplan untuk sisi konsultan PAB	
	25/7/2022	Detail detail dan volume bangunan MFR ditentukan sendiri oleh dan hasil analisis  Cek kesingatan dan Tugas penelitian Clearance	

Dosen Pembimbing I

Dr. Eng. M. ISLAMY RUSYDA, ST. MT.



**LEMBAR KONSULTASI TUGAS AKHIR (SKRIPSI)**

NAMA : SYARIFUDDIN SOFYAN

NIM : 416110055

No	Tanggal	Catatan/Revisi	Paraf
	28/1/2020	Ok Acc. di lbr	

Mengetahui

Dosen Pembimbing I

Dr. Eng. M. ISLAM Y RUSYDA, ST. MT.