

Name of Project MISAMIS ORIENTAL ( RAINFALL STA.= CAGAYAN DE ORO ; EVAP. STA.= MIT )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE				XXXXZZZZ												O+++++									XXXXZZZZ			O+++++								
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				XXXXZZZZ												O+++++									XXXXZZZZ			O+++++								
o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest																																				
RAINFALL DATA	1	1	1	1	0	0	1	0	0	0	0	0	2	5	17	21	21	50	29	28	17	15	30	20	20	27	26	23	11	8	6	2	2	3	3	
EVAP. DATA	27	27	29	33	33	27	34	34	37	39	39	39	36	36	39	29	29	29	30	30	33	36	36	39	32	32	32	32	35	33	33	33	28	28	30	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	4	25	27	25	10	5	0	0			
EVAP / TRANS	29	29	32	35	25	11	3	0	0	0	0	0	0	0	6	16	26	32	33	37	39	39	43	35	35	27	15	4	9	20	32	35	30	30	33	
DEEP PERCOLATION	20	20	22	19	14	6	2	0	0	0	0	0	0	0	4	11	18	20	20	22	20	20	22	20	20	15	8	2	6	12	19	20	20	20	22	
CROP WATER REQ.T.	49	49	54	55	38	18	5	0	0	0	0	0	0	0	35	51	75	59	60	59	59	59	65	55	55	42	23	9	40	60	75	65	55	50	55	
EFF. RAINFALL	1	1	1	1	0	0	0	0	0	0	0	0	0	0	7	15	21	50	29	28	17	15	30	20	20	23	13	6	4	6	6	2	2	3	3	
CROP IRRG. REQ.T.	48	48	53	54	38	18	5	0	0	0	0	0	0	0	28	37	54	9	31	31	42	44	35	35	19	10	3	35	53	69	63	53	47	52		
OVERALL EFF.	55	55	55	55	55	55	55	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55
DIVERSION REQ.T.	88	88	97	98	70	32	9	0	0	0	0	0	0	0	63	82	119	21	69	68	94	98	78	79	78	42	22	6	64	97	126	114	97	86	95	
W*DUTY (L/S/H)	1.02	1.02	1.02	1.13	0.81	0.46	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.94	1.38	0.24	0.80	0.71	1.09	1.14	0.82	0.91	0.90	0.49	0.26	0.07	0.67	1.13	1.45	1.32	1.12	1.00	1.00	

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvvv = CRITICAL

Name of Project NEGROS OCC. ( RAINFALL STA.= ORONG, KABANKALAN ; EVAP. STA.= VICTORIAS )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
RICE - RICE	-----XXXXXXXXXX-----												O+++++												XXXXXXXXXX			O+++++									
	-----XXXXXXXXXX-----												O+++++												XXXXXXXXXX			O+++++									
	-----XXXXXXXXXX-----												O+++++												XXXXXXXXXX			O+++++									
	-----XXXXXXXXXX-----												O+++++												XXXXXXXXXX			O+++++									
	-----XXXXXXXXXX-----												O+++++												XXXXXXXXXX			O+++++									
o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest																																					
RAINFALL DATA	8	3	10	7	2	5	5	1	4	2	3	3	6	19	26	31	48	55	63	45	47	38	42	24	44	27	36	54	35	25	33	19	10	13	5	9	
EVAP. DATA	41	41	45	48	48	39	62	62	68	71	71	71	64	64	71	50	50	50	48	48	53	51	51	56	46	46	48	46	46	51	43	43	43	38	38	42	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0	0	
EVAP / TRANS	45	44	33	17	2	0	0	0	0	0	0	0	0	14	40	47	53	54	53	53	58	56	56	60	37	19	4	13	29	49	45	47	47	42	42	46	
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	0	4	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	20	20	20	22	
CROP WATER REQ.	65	63	48	23	2	0	0	0	0	0	0	0	0	43	79	93	80	82	73	73	80	76	76	82	51	27	13	40	68	97	73	72	67	62	62	68	
EFF. RAINFALL	8	3	8	4	0	0	0	0	0	0	0	0	0	7	18	31	48	54	61	45	47	38	42	24	35	13	9	21	28	25	33	19	10	13	5	9	
CROP IRRG. REQ.	57	60	40	20	2	0	0	0	0	0	0	0	0	36	61	62	32	28	12	28	33	38	34	58	16	14	5	18	40	73	40	52	47	49	57	59	
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	103	109	72	36	4	0	0	0	0	0	0	0	0	79	135	139	72	61	27	61	73	84	76	128	36	31	9	33	73	132	73	95	103	89	104	108	
W* DUTY (L/S/H)	1.20	1.27	0.76	0.41	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	1.42	1.60	0.83	0.71	0.31	0.71	0.77	0.97	0.88	1.35	0.42	0.36	0.10	0.38	0.84	1.39	0.85	1.10	1.20	1.03	1.20	1.13	
www																																					

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL



Name of Project NEGROS ORIENTAL ( RAINFALL STA = BAYAWAN ; EVAP. STA = DUMAGUETE )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC								
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3						
RICE - RICE	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++																	
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++																	
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++																	
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++																	
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++																	
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++																	
	o = LandSoaking			+ = LandPreparation			- = CropMaintenance			x = Drainage			z = Harvest																													
RAINFALL DATA	3	1	2	1	2	0	1	1	0	0	1	1	2	19	13	23	46	59	46	13	59	70	49	16	14	36	47	64	25	9	10	6	13	4	4	5						
EVAP. DATA	43	43	48	46	46	37	50	50	55	54	54	54	48	48	53	43	43	43	43	43	47	44	44	48	43	43	43	43	43	48	43	43	43	42	42	46						
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0							
EVAP / TRANS	48	46	35	16	2	0	0	0	0	0	0	0	0	11	30	40	46	47	47	47	52	48	48	52	34	18	4	12	27	46	46	47	47	46	46	51						
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	0	4	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	20	20	20	22						
CROP WATER REQ.	68	66	49	23	2	0	0	0	0	0	0	0	0	40	69	87	73	75	67	67	74	68	68	74	48	26	13	39	66	94	73	72	67	66	66	73						
EFF. RAINFALL	3	1	1	0	0	0	0	0	0	0	0	0	0	8	9	23	46	58	46	13	58	66	49	16	12	17	9	25	20	9	10	6	13	4	4	5						
CROP IRRG. REQ.	64	65	48	22	2	0	0	0	0	0	0	0	0	32	60	64	27	17	21	54	16	2	20	57	37	9	4	14	46	85	63	66	54	62	63	68						
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55					
DIVERSION REQ.	117	118	87	41	4	0	0	0	0	0	0	0	0	71	134	142	60	38	47	119	36	5	44	127	82	20	6	26	84	155	115	119	99	113	114	124						
W*DUTY (L/S/H)	1.36	1.36	0.92	0.47	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	1.41	1.64	0.70	0.44	0.55	1.38	0.38	0.05	0.50	1.34	0.95	0.23	0.08	0.30	0.97	1.63	1.33	1.38	1.14	1.31	1.32	1.30						
	www																																									

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL





Name of Project NORTHERN SAMAR PROJ. ( RAINFALL STA = CATUBIG ; EVAP. STA = CABATANGAN )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
RICE - RICE	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++												
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++												
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++												
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++												
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++												
o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest																																					
RAINFALL DATA	41	34	39	48	31	21	28	17	11	15	16	9	9	18	25	20	26	41	62	37	9	12	27	9	39	37	31	47	48	79	97	91	105	98	117	84	
EVAP. DATA	35	35	38	40	40	32	47	47	52	51	51	51	48	48	53	41	41	41	44	44	48	44	44	49	40	40	40	34	34	38	30	30	30	28	28	30	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	9	0	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0	
EVAP / TRANS	38	37	28	14	1	0	0	0	0	0	0	0	0	11	30	38	44	45	48	48	53	49	49	53	32	17	4	10	21	36	32	33	33	30	30	34	
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	0	4	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	50	20	20	22	
CROP WATER REQT.	58	56	42	21	2	0	0	0	0	0	0	0	0	39	69	85	71	72	68	68	75	69	69	74	46	24	13	36	61	85	59	58	53	50	50	56	
EFF. RAINFALL	41	34	29	17	2	0	0	0	0	0	0	0	0	7	17	20	26	41	59	37	9	12	27	9	31	17	7	19	38	69	59	58	53	50	50	56	
CROP IRRG. REQT.	17	23	14	3	0	0	0	0	0	0	0	0	0	32	52	65	45	31	9	31	66	57	42	65	16	8	5	18	23	15	0	0	0	0	0	0	
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQT.	31	41	25	6	0	0	0	0	0	0	0	0	0	72	115	144	100	70	20	70	146	126	92	146	35	17	10	32	42	27	0	0	0	0	0	0	
W'DUTY (L/S/H)	0.36	0.48	0.27	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	1.21	1.67	1.15	0.81	0.24	0.81	1.54	1.46	1.07	1.53	0.40	0.20	0.11	0.37	0.48	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
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NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project NUEVA ECJA ( RAINFALL STA = CABANATUAN ; EVAP. STA = CLSU )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
RICE - RICE	-----XXXXXXXXXX												O+++++									-----XXXXXXXXXX			O+++++												
	-----XXXXXXXXXX												O+++++									-----XXXXXXXXXX			O+++++												
	-----XXXXXXXXXX												O+++++									-----XXXXXXXXXX			O+++++												
	-----XXXXXXXXXX												O+++++									-----XXXXXXXXXX			O+++++												
	-----XXXXXXXXXX												O+++++									-----XXXXXXXXXX			O+++++												
	-----XXXXXXXXXX												O+++++									-----XXXXXXXXXX			O+++++												
o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest																																					
RAINFALL DATA	0	1	1	0	0	1	1	1	1	1	1	2	2	11	19	28	24	30	36	45	35	85	57	54	47	53	45	14	11	7	9	6	4	1	3	2	
EVAP. DATA	57	57	63	66	66	53	71	71	78	79	79	79	64	64	70	48	48	48	43	43	47	35	35	39	39	39	39	40	40	44	45	45	45	51	51	57	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0	0	
EVAP / TRANS	63	61	46	23	2	0	0	0	0	0	0	0	0	14	40	45	51	52	47	47	51	39	39	42	31	16	4	11	25	42	48	50	50	57	57	62	
DEEP PERCOLATION	17	16	12	5	0	0	0	0	0	0	0	0	0	4	10	15	17	17	17	17	18	17	17	18	12	6	1	5	10	17	17	17	17	17	17	18	
CROP WATER REQ.	80	77	58	29	3	0	0	0	0	0	0	0	0	42	77	88	75	79	63	63	70	55	55	60	43	23	12	37	62	87	72	71	66	73	73	81	
EFF. RAINFALL	0	1	0	0	0	0	0	0	0	0	0	0	0	5	13	28	24	30	36	45	35	55	55	53	36	21	9	6	8	7	9	6	4	1	3	2	
CROP IRRG. REQ.	79	77	58	29	3	0	0	0	0	0	0	0	0	38	64	61	51	47	28	18	35	0	0	7	7	2	4	31	54	80	63	65	63	72	71	78	
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	144	139	105	52	5	0	0	0	0	0	0	0	0	87	141	135	113	104	62	41	78	0	0	16	16	4	7	57	97	146	115	119	114	131	128	143	
W'DUTY (L/S/H)	1.67	1.61	1.10	0.60	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	1.49	1.56	1.30	1.20	0.71	0.47	0.82	0.00	0.00	0.17	0.18	0.04	0.08	0.66	1.13	1.53	1.34	1.38	1.32	1.51	1.49	1.50	
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NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL



Name of Project NUEVA ECIJA ( RAINFALL STA.= ; EVAP. STA.= )

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC								
DECADE	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3						
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	zzzzz																																									

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	0	1	1	0	0	1	1	1	1	1	1	2	2	11	19	28	24	30	36	45	35	85	57	54	47	53	45	14	11	7	9	6	4	1	3	2	
EVAP. DATA	57	57	63	66	66	53	71	71	78	79	79	79	64	64	70	48	48	48	43	43	47	35	35	39	39	39	39	40	40	44	45	45	45	51	51	57	
LAND SOAK / FLOOD	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	0	0	0	0	0	0	0	0	0
EVAP / TRANS	28	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	15	20	23	26	32	33	36	
DEEP PERCOLATION	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	0	0	0	0	0	0	0	0	
CROP WATER REQ.T.	28	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	15	20	23	26	32	33	36	
EFF. RAINFALL	0	1	1	0	0	1	1	1	1	1	1	2	2	11	19	28	24	30	36	45	35	85	57	54	47	53	45	14	11	7	9	6	4	1	3	2	
CROP IRRG. REQ.T.	28	15	3	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	9	11	17	22	30	30	34		
OVERALL EFF.	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	55	55	55	55	
DIVERSION REQ.T.	50	27	5	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	16	20	31	41	55	55	62		
W*DUTY (L/S/H)	0.58	0.32	0.06	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	0.00	0.00	0.00	0.00	0.00	0.16	0.23	0.36	0.47	0.64	0.64	0.66		

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NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project NUEVA VISCAYA ( RAINFALL STA.= SOLANO ; EVAP. STA.= WACAL )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC													
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3														
RICE - RICE	-			xxxxzzzz	-			-			-			o+++++			-			-			xxxxzzzz	o+++++			-			-			-			-			-								
	-			xxxxzzzz	-			-			-			o+++++			-			-			xxxxzzzz	o+++++			-			-			-			-			-			-					
	-			xxxxzzzz	-			-			-			o+++++			-			-			xxxxzzzz	o+++++			-			-			-			-			-			-					
	-			xxxxzzzz	-			-			-			o+++++			-			-			xxxxzzzz	o+++++			-			-			-			-			-			-					
	-			xxxxzzzz	-			-			-			o+++++			-			-			xxxxzzzz	o+++++			-			-			-			-			-			-			-		
	-			xxxxzzzz	-			-			-			o+++++			-			-			xxxxzzzz	o+++++			-			-			-			-			-			-			-		

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	6	2	5	1	2	1	1	2	2	2	7	4	7	10	24	6	24	12	31	31	37	40	10	11	50	17	39	14	52	24	14	14	11	5	3	5	
EVAP. DATA	30	30	33	42	42	34	51	51	56	59	59	59	56	56	62	67	67	67	59	59	65	58	58	63	53	53	53	50	50	55	37	37	37	30	0	33	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	24	29	8	8	0	0	0	0	0	0	0	7	21	31	24	8	5	0	0	0		
EVAP / TRANS	33	33	34	30	15	1	0	0	0	0	0	0	0	0	15	39	63	71	64	65	72	63	63	70	57	42	22	5	14	35	36	39	40	33	33	37	
DEEP PERCOLATION	20	20	21	13	6	1	0	0	0	0	0	0	0	0	5	12	18	20	20	20	22	20	20	22	20	14	8	2	6	14	19	20	20	20	20	22	
CROP WATER REQ.	53	53	55	43	21	2	0	0	0	0	0	0	0	0	48	74	109	99	92	85	94	83	83	92	76	56	30	14	40	79	79	66	65	53	53	59	
EFF. RAINFALL	6	2	5	1	1	0	0	0	0	0	0	0	0	0	10	4	24	12	31	31	37	40	10	11	50	14	18	4	21	19	14	14	11	5	3	5	
CROP IRRG. REQ.	47	51	50	42	20	2	0	0	0	0	0	0	0	0	38	70	85	87	61	54	57	43	73	81	26	42	12	9	20	60	65	52	54	48	50	54	
OVERALL EFF.	55	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	85	92	91	77	37	3	0	0	0	0	0	0	0	0	85	155	190	192	135	120	126	96	163	179	59	93	26	17	36	109	118	95	98	88	92	98	
W*DUTY (L/S/H)	0.98	1.07	0.96	0.89	0.42	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	1.80	2.20	2.23	1.57	1.39	1.32	1.11	1.89	1.89	0.68	1.07	0.30	0.20	0.42	1.15	1.36	1.10	1.13	1.02	1.06	1.03	

vvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

UNITS: mm

Name of Project PALAWAN ( RAINFALL STA.= ; EVAP. STA = )

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
RICE - RICE				XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
				XXXXZZZZZ															O+++++									XXXXZZZZZ			O+++++								
				XXXXZZZZZ															O+++++									XXXXZZZZZ			O+++++								
				XXXXZZZZZ															O+++++									XXXXZZZZZ			O+++++								
				XXXXZZZZZ															O+++++									XXXXZZZZZ			O+++++								
o = Land Soaking    + = Land Preparation    - = Crop Maintenance    x = Drainage    z = Harvest																																							
RAINFALL DATA	1	1	1	0	0	0	0	0	0	0	0	13	13	13	72	72	72	114	114	114	99	99	99	81	81	81	44	44	44	7	7	7	2	2	2				
EVAP. DATA	41	41	45	49	49	39	56	56	61	61	61	54	54	59	45	45	45	42	42	46	41	41	45	40	40	40	42	42	46	40	40	40	39	39	43				
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	4	25	27	25	10	5	0	0					
EVAP / TRANS	45	45	50	52	37	17	6	0	0	0	0	0	0	0	10	25	40	44	46	51	45	45	50	44	44	33	19	5	12	25	38	42	43	43	47				
DEEP PERCOLATION	20	20	22	19	14	6	2	0	0	0	0	0	0	0	4	11	18	20	20	22	20	20	22	20	20	15	8	2	6	12	19	20	20	20	22				
CROP WATER REQ.	65	65	72	72	50	23	7	0	0	0	0	0	0	0	39	60	89	72	73	73	65	65	72	64	63	48	28	10	42	64	82	72	68	63	69				
EFF. RAINFALL	1	1	1	0	0	0	0	0	0	0	0	0	0	0	24	47	67	72	73	73	65	65	72	64	63	48	21	10	18	6	7	7	2	2	2				
CROP IRRG. REQ.	64	64	71	72	50	23	7	0	0	0	0	0	0	0	14	14	22	0	0	0	0	0	0	0	0	0	7	0	25	59	75	65	66	81	67				
OVERALL EFF.	55	55	55	55	55	55	55	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55			
DIVERSION REQ.	116	116	128	130	91	42	13	0	0	0	0	0	0	0	32	30	49	0	0	0	0	0	0	0	0	0	15	0	45	107	136	119	19	111	122				
W'DUTY (L/S/H)	1.35	1.35	1.35	1.51	1.06	0.60	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.35	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.48	1.23	1.57	1.37	1.38	1.28	1.29					
vvvv = CRITICAL																																							

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

Name of Project PAMPANGA ( RAINFALL STA.= ; EVAP. STA.= )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
RICE - RICE	-XXXXZZZZZ			-XXXXZZZZZ									O+++++									XXXXZZZZZ			O+++++														
				-XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
				XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
				-XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
				XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
				-XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest																																							
RAINFALL DATA	1	0	0	0	0	0	0	0	0	0	3	4	2	12	42	18	19	22	35	31	34	45	65	23	11	37	25	9	7	6	3	5	2	0	1	2			
EVAP. DATA	49	49	54	60	60	48	69	69	76	72	72	72	58	58	64	43	43	43	37	37	41	32	32	35	35	35	35	40	40	44	42	42	42	45	45	50			
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	24	29	8	8	0	0	0	0	0	0	0	7	21	31	24	8	5	0	0	0	0			
EVAP / TRANS	54	54	57	43	21	2	0	0	0	0	0	0	0	0	15	25	40	45	40	41	45	35	35	39	37	27	14	4	11	28	41	45	46	50	50	55			
DEEP PERCOLATION	20	20	21	13	6	1	0	0	0	0	0	0	0	0	5	12	18	20	20	20	22	20	20	22	20	14	8	2	6	14	19	20	20	20	20	22			
CROP WATER REQ.	74	74	78	56	28	3	0	0	0	0	0	0	0	0	48	60	86	73	68	61	67	55	55	61	57	42	22	13	38	72	84	72	71	70	70	77			
EFF. RAINFALL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	17	13	19	22	35	31	34	45	55	23	11	29	12	3	3	5	3	5	2	0	1	2			
CROP IRRG. REQ.	73	74	78	56	28	3	0	0	0	0	0	0	0	0	32	47	67	51	33	30	33	10	0	38	46	13	10	10	35	68	81	67	69	70	69	75			
OVERALL EFF.	55	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55		
DIVERSION REQ.	133	134	141	102	50	5	0	0	0	0	0	0	0	0	70	105	150	112	73	66	73	23	0	85	102	29	23	18	64	123	147	122	125	127	125	136			
W'DUTY (L/S/H)	1.53	1.56	1.48	1.18	0.58	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74	1.22	1.74	1.30	0.85	0.77	0.77	0.27	0.00	0.89	1.18	0.34	0.27	0.21	0.74	1.29	1.71	1.41	1.45	1.47	1.45	1.43			
vvv																																							

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project QUEZON ( RAINFALL STA.= LUCENA ; EVAP. STA.= CABATANGAN )

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
RICE - RICE				XXXXZZZZ												O+++++									XXXXZZZZ			O+++++											
				XXXXZZZZ															O+++++									XXXXZZZZ			O+++++								
				XXXXZZZZ															O+++++									XXXXZZZZ			O+++++								
				XXXXZZZZ															O+++++									XXXXZZZZ			O+++++								
				XXXXZZZZ															O+++++									XXXXZZZZ			O+++++								
				XXXXZZZZ															O+++++									XXXXZZZZ			O+++++								
				XXXXZZZZ															O+++++									XXXXZZZZ			O+++++								
		o= LandSoaking    += LandPreparation    -- = CropMaintenance    x= Drainage    z= Harvest																																					
RAINFALL DATA	12	6	9	1	1	1	2	2	0	1	1	0	0	1	3	8	10	13	34	17	21	7	8	33	15	27	19	30	42	34	23	21	28	32	13	14			
EVAP. DATA	35	35	38	37	37	30	38	38	42	42	42	42	46	46	51	50	50	50	48	48	52	48	48	53	45	45	45	39	39	43	36	36	36	35	35	38			
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	4	25	27	25	10	5	0	0				
EVAP / TRANS	38	38	42	40	28	13	4	0	0	0	0	0	0	0	0	11	28	45	50	52	58	53	53	58	49	49	37	18	4	11	22	34	38	38	38	42			
DEEP PERCOLATION	20	20	22	19	14	6	2	0	0	0	0	0	0	0	0	4	11	18	20	20	22	20	20	22	20	20	15	8	2	6	12	19	20	20	20	22			
CROP WATER REQT.	58	58	64	59	41	19	6	0	0	0	0	0	0	0	0	40	63	94	78	79	80	73	73	80	69	69	52	27	10	42	62	78	68	63	58	64			
EFF. RAINFALL	12	6	9	1	1	1	0	0	0	0	0	0	0	0	0	3	7	13	34	17	21	7	8	33	15	27	16	15	10	13	19	21	28	32	13	14			
CROP IRRG. REQT.	47	53	56	58	40	18	5	0	0	0	0	0	0	0	0	37	56	80	44	63	59	66	65	48	54	41	36	11	0	28	43	57	40	31	45	50			
OVERALL EFF.	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55		
DIVERSION REQT.	85	95	101	105	73	33	9	0	0	0	0	0	0	0	0	82	125	179	97	139	130	146	144	106	120	92	79	26	0	51	79	103	73	56	83	91			
W'DUTY (L/S/H)	0.98	1.10	1.06	1.21	0.85	0.48	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	1.44	2.07	1.12	1.61	1.37	1.69	1.67	1.11	1.39	1.07	0.92	0.30	0.00	0.54	0.91	1.19	0.85	0.65	0.96	0.96			
	www																																						

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project DIFFUN, QUIRINO ( RAINFALL STA = ; EVAP. STA = )

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC														
DECADE	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3												
RICE - RICE	-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX											
	-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX								
	-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX					
	-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX		
	-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX		
	-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX		

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	1	0	1	0	0	2	1	1	2	2	2	6	5	12	25	6	13	7	10	35	25	42	46	57	18	29	10	19	19	5	8	7	4	3	3	4	
EVAP. DATA	36	36	40	46	46	37	59	59	65	70	70	70	66	66	73	55	55	55	52	52	57	45	45	49	46	46	46	44	44	49	37	37	37	34	34	37	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	24	29	8	8	0	0	0	0	0	0	0	0	7	21	31	24	8	5	0	0	0	
EVAP / TRANS	40	40	42	33	16	2	0	0	0	0	0	0	0	0	17	32	51	58	56	57	63	49	49	54	50	36	19	4	12	31	36	39	40	37	37	41	
DEEP PERCOLATION	20	20	21	13	6	1	0	0	0	0	0	0	0	0	5	12	18	20	20	20	22	20	20	22	20	14	8	2	6	14	19	20	20	20	20	22	
CROP WATER REQT.	60	60	63	46	23	2	0	0	0	0	0	0	0	0	50	67	98	85	84	77	85	69	69	76	69	51	27	13	39	76	79	67	65	57	57	63	
EFF. RAINFALL	1	0	1	0	0	0	0	0	0	0	0	0	0	0	10	4	13	7	10	35	25	42	46	56	18	24	5	5	8	4	8	7	4	3	3	4	
CROP IRRG. REQT.	59	60	62	46	23	2	0	0	0	0	0	0	0	0	40	63	85	78	74	42	60	27	23	21	51	27	22	8	31	72	71	60	61	54	54	59	
OVERALL EFF.	55	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55
DIVERSION REQT.	107	109	113	83	41	3	0	0	0	0	0	0	0	0	90	139	188	174	164	93	133	61	52	46	114	60	49	14	57	130	129	108	111	98	98	107	
W*DUTY (L/S/H)	1.24	1.26	1.19	0.96	0.47	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	1.61	2.18	2.01	1.90	1.08	1.40	0.71	0.60	0.49	1.32	0.70	0.56	0.17	0.66	1.37	1.49	1.25	1.29	1.14	1.14	1.12	

vvvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvvv = CRITICAL

Name of Project RIZAL ( RAINFALL STA = BOSOBOSO ; EVAP. STA = TANAY )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
RICE - RICE				XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++									
				-XXXXZZZZZ												O+++++									-XXXXZZZZZ			O+++++									
				XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++									
				XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++									
				-XXXXZZZZZ												O+++++									-XXXXZZZZZ			O+++++									
				XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++									
o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest																																					
RAINFALL DATA	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	5	6	10	10	18	14	16	16	14	15	14	16	10	8	8	3	2	1	2	0	0	
EVAP. DATA	35	35	39	45	45	36	53	53	58	64	64	64	57	57	62	44	44	44	37	37	41	37	37	40	36	36	36	35	35	39	33	33	33	30	30	33	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	24	29	8	8	0	0	0	0	0	0	0	7	21	31	24	8	5	0	0	0	0	
EVAP / TRANS	39	39	41	32	16	1	0	0	0	0	0	0	0	0	15	25	41	46	41	41	45	40	40	44	39	28	15	3	10	25	33	36	37	33	33	37	
DEEP PERCOLATION	20	20	21	13	6	1	0	0	0	0	0	0	0	0	5	12	18	20	20	20	22	20	20	22	20	14	8	2	6	14	19	20	20	20	20	22	
CROP WATER REQ.	59	59	62	45	22	2	0	0	0	0	0	0	0	0	48	60	87	74	68	61	67	60	60	66	58	43	23	12	36	69	76	63	62	53	53	59	
EFF. RAINFALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	10	10	18	14	16	16	14	15	11	8	3	3	6	3	2	1	2	0	0	
CROP IRRG. REQ.	58	58	61	45	22	2	0	0	0	0	0	0	0	0	47	57	81	63	58	43	54	44	44	52	44	31	14	9	33	63	73	61	60	51	53	58	
OVERALL EFF.	55	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	106	106	112	82	40	4	0	0	0	0	0	0	0	0	104	127	180	140	129	96	119	98	97	115	97	69	32	16	60	115	132	111	109	93	93	106	
W'DUTY (L/S/H)	1.23	1.23	1.17	0.95	0.47	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.46	2.09	1.63	1.49	1.11	1.25	1.13	1.13	1.21	1.12	0.80	0.37	0.19	0.70	1.21	1.53	1.29	1.27	1.08	1.11	1.11	
vvv																																					

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project ROMBLON ( RAINFALL STA.= ; EVAP. STA.= )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE				xxxxzzzzz												o+++++									xxxxzzzzz			o+++++								
				-xxxxzzzzz															o+++++						xxxxzzzzz			o+++++								
				xxxxzzzzz															o+++++						xxxxzzzzz			o+++++								
				xxxxzzzzz															o+++++						xxxxzzzzz			o+++++								
				xxxxzzzzz															o+++++						xxxxzzzzz			o+++++								

o = Land Soaking    + = Land Preparation    - = Crop Maintenance    x = Drainage    z = Harvest

RAINFALL DATA	12	7	9	2	2	3	2	4	4	17	26	7	2	3	7	14	22	42	41	2	28	24	28	23	19	27	37	28	37	44	32	32	25	16	16	19
EVAP. DATA	41	41	45	49	49	39	56	56	62	61	61	61	54	54	59	45	45	45	42	42	47	41	41	45	40	40	40	42	42	46	40	40	40	39	39	43
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	7	21	27	25	10	5	0		
EVAP / TRANS	45	45	50	53	52	30	26	6	0	0	0	0	0	0	0	10	25	38	45	51	45	45	50	44	44	44	35	19	5	11	25	39	42	43	48	
DEEP PERCOLATION	20	20	22	20	19	11	8	2	0	0	0	0	0	0	0	4	11	18	20	22	20	20	22	20	20	20	15	8	2	6	12	19	20	20	22	
CROP WATER REQT.	65	65	72	73	71	42	34	7	0	0	0	0	0	0	0	39	60	87	72	80	65	65	72	64	64	63	50	28	14	38	64	82	72	68	70	
EFF. RAINFALL	12	7	9	2	2	2	1	1	0	0	0	0	0	0	0	9	29	41	22	28	24	28	23	19	27	37	24	18	10	13	26	25	16	16	19	
CROP IRRG. REQT.	53	58	63	71	69	39	33	7	0	0	0	0	0	0	0	30	31	46	50	52	41	37	49	45	37	26	26	10	4	25	39	57	56	52	51	
OVERALL EFF.	55	55	55	55	55	55	55	55	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	
DIVERSION REQT.	97	106	114	130	126	72	60	12	0	0	0	0	0	0	0	67	68	101	111	116	92	83	108	100	82	59	57	21	9	46	71	104	101	95	92	
W'DUTY (L/S/H)	1.12	1.23	1.20	1.50	1.46	1.04	0.70	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.79	1.17	1.29	1.22	1.06	0.96	1.14	1.16	0.95	0.95	0.66	0.25	0.09	0.53	0.82	1.20	1.17	1.09	0.97	

vvvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL



Name of Project SARANGANI ( RAINFALL STA. = ; EVAP. STA. = )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE				XXXXZZZZ												O+++++									XXXXZZZZ			O+++++								
				-XXXXZZZZ															O+++++						XXXXZZZZ			O+++++								
				-XXXXZZZZ															O+++++						XXXXZZZZ			O+++++								
				XXXXZZZZ															O+++++						XXXXZZZZ			O+++++								
				-XXXXZZZZ															O+++++						XXXXZZZZ			O+++++								
				XXXXZZZZ															O+++++						XXXXZZZZ			O+++++								

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	23	23	23	27	27	27	29	29	29	31	31	31	33	33	33	28	28	28	33	33	33	38	38	38	34	34	34	32	32	32	30	30	30	19	19	19
EVAP. DATA	64	64	71	68	68	55	70	0	77	76	76	76	69	69	76	60	60	60	57	57	63	61	61	67	63	63	63	62	62	68	63	63	63	57	57	62
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	0	4	2	27	25	10	5	0	0
EVAP / TRANS	71	71	78	73	51	23	7	0	0	0	0	0	0	0	0	13	33	54	60	62	69	67	67	74	69	69	52	29	7	18	39	60	67	62	62	69
DEEP PERCOLATION	20	20	22	19	14	6	2	0	0	0	0	0	0	0	0	4	11	18	20	20	22	20	20	22	20	20	15	8	2	6	12	19	20	20	20	22
CROP WATER REQT.	91	91	100	92	65	29	9	0	0	0	0	0	0	0	0	42	69	102	88	89	91	87	87	96	89	88	67	37	12	48	79	104	97	87	82	91
EFF. RAINFALL	23	23	23	27	22	13	6	0	0	0	0	0	0	0	0	11	20	28	33	33	33	38	38	38	34	34	29	17	9	13	24	30	30	19	19	19
CROP IRRG. REQT.	68	68	77	65	43	17	3	0	0	0	0	0	0	0	0	31	49	74	55	56	58	49	49	58	55	54	38	20	3	35	55	74	67	68	63	72
OVERALL EFF.	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55
DIVERSION REQT.	123	123	139	119	78	30	5	0	0	0	0	0	0	0	0	69	109	166	121	125	129	109	109	128	123	121	84	45	7	64	99	134	121	124	115	130
W*DUTY (L/S/H)	1.42	1.42	1.47	1.37	0.91	0.44	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	1.26	1.92	1.40	1.45	1.36	1.26	1.26	1.35	1.42	1.40	0.98	0.52	0.08	0.68	1.15	1.55	1.40	1.43	1.34	1.37

vvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

UNITS : mm

Name of Project SIKUIJOR PROJ. ( RAINFALL STA = BAYAWAN ; EVAP. STA = DUMAGUETE )

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE	XXXXZZZZZ												O++++++									XXXXZZZZZ			O++++++											
	XXXXZZZZZ												O++++++									XXXXZZZZZ			O++++++											
	XXXXZZZZZ												O++++++									XXXXZZZZZ			O++++++											
	XXXXZZZZZ												O++++++									XXXXZZZZZ			O++++++											
	XXXXZZZZZ												O++++++									XXXXZZZZZ			O++++++											
	XXXXZZZZZ												O++++++									XXXXZZZZZ			O++++++											

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	3	1	2	1	2	0	1	1	0	0	1	1	2	19	13	23	46	59	46	13	59	70	49	16	14	38	47	64	25	9	10	6	13	4	4	5	
EVAP. DATA	43	43	48	46	46	37	50	50	55	54	54	54	48	48	53	43	43	43	43	43	47	44	44	48	43	43	43	43	43	48	43	43	43	42	42	46	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0		
EVAP / TRANS	48	46	35	16	2	0	0	0	0	0	0	0	0	11	30	40	46	47	47	47	52	48	48	52	34	18	4	12	27	46	46	47	47	46	46	51	
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	0	4	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	20	20	20	22	
CROP WATER REQ.	68	66	49	23	2	0	0	0	0	0	0	0	0	40	69	87	73	75	67	67	74	68	68	74	48	26	13	39	66	94	73	72	67	66	6	73	
EFF. RAINFALL	3	1	1	0	0	0	0	0	0	0	0	0	0	8	9	23	46	58	46	13	58	66	49	16	12	17	9	25	20	9	10	6	13	4	44	5	
CROP IRRG. REQ.	64	65	48	22	2	0	0	0	0	0	0	0	0	32	60	64	27	17	21	54	16	2	20	57	37	9	4	14	46	85	63	66	54	62	63	68	
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	117	118	87	41	4	0	0	0	0	0	0	0	0	71	134	142	60	38	47	119	36	5	44	127	82	20	6	26	84	155	115	119	99	113	114	124	
W'DUTY (L/S/H)	1.36	1.36	0.92	0.47	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	1.41	1.64	0.70	0.44	0.55	1.38	0.38	0.05	0.50	1.34	0.95	0.23	0.08	0.30	0.97	1.63	1.33	1.38	1.14	1.31	1.32	1.30	

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project SORSOGON PROJ. ( RAINFALL STA = CASTILLA ; EVAP. STA = NAGA )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE				XXXXZZZZ												O+++++									XXXXZZZZ			O+++++								
				-XXXXZZZZ												O+++++									XXXXZZZZ			O+++++								
				XXXXZZZZ												O+++++									XXXXZZZZ			O+++++								
				XXXXZZZZ												O+++++									XXXXZZZZ			O+++++								
				-XXXXZZZZ												O+++++									XXXXZZZZ			O+++++								
				XXXXZZZZ												O+++++									XXXXZZZZ			O+++++								

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	29	29	32	17	17	14	21	21	24	10	10	10	4	4	5	16	16	16	55	55	60	50	50	55	56	56	56	42	42	48	86	86	86	31	31	35	
EVAP. DATA	46	46	50	49	49	39	57	57	62	62	62	62	59	59	64	50	50	50	49	49	54	47	47	52	46	46	46	47	47	52	46	46	46	45	45	49	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	4	25	27	25	10	5	0	0		
EVAP / TRANS	50	50	55	52	37	17	6	0	0	0	0	0	0	0	0	11	8	45	52	53	60	52	52	57	51	50	38	22	5	14	29	44	49	49	49	54	
DEEP PERCOLATION	20	20	22	19	14	6	2	0	0	0	0	0	0	0	0	4	11	18	20	20	22	20	20	22	20	20	15	8	2	6	12	19	20	20	20	22	
CROP WATER REQT.	70	70	77	72	50	23	7	0	0	0	0	0	0	0	0	40	63	94	79	81	82	72	72	79	71	70	53	30	11	44	68	88	79	74	69	76	
EFF. RAINFALL	29	19	32	17	14	7	4	0	0	0	0	0	0	0	0	6	11	16	54	54	58	50	50	54	55	55	44	20	10	19	56	74	73	31	31	35	
CROP IRRG. REQT.	41	41	45	55	37	16	3	0	0	0	0	0	0	0	0	32	52	78	26	27	23	22	22	25	16	15	10	10	0	25	13	14	6	42	38	41	
OVERALL EFF.	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55
DIVERSION REQT.	74	74	81	100	67	29	6	0	0	0	0	0	0	0	0	75	116	173	57	60	52	49	49	56	35	33	21	22	0	45	23	25	11	77	68	75	
W'DUTY (L/S/H)	0.86	0.86	0.86	1.15	0.77	0.42	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86	1.34	2.00	0.66	0.70	0.55	0.56	0.56	0.58	0.41	0.39	0.25	0.25	0.00	0.47	0.26	0.28	0.12	0.89	0.79	0.79	

vvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project PROJ. S. COTABATO ( RAINFALL STA.= MLANG ; EVAP. STA.= DADIANGAS )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC				
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3		
RICE - RICE	-----			xxxxzzzzz	-----			-----			-----			o+++++++			-----			-----			xxxxzzzzz	o+++++++			-----			-----			-----					
	-----			xxxxzzzzz	-----			-----			-----			o+++++++			-----			-----			xxxxzzzzz	o+++++++			-----			-----			-----			-----		
	-----			xxxxzzzzz	-----			-----			-----			o+++++++			-----			-----			xxxxzzzzz	o+++++++			-----			-----			-----			-----		
	-----			xxxxzzzzz	-----			-----			-----			o+++++++			-----			-----			xxxxzzzzz	o+++++++			-----			-----			-----			-----		
	-----			xxxxzzzzz	-----			-----			-----			o+++++++			-----			-----			xxxxzzzzz	o+++++++			-----			-----			-----			-----		

o = LandSoaking + = LandPreparation -- = CropMaintenance x = Drainage z = Harvest

RAINFALL DATA	1	4	7	9	1	2	1	1	1	3	1	1	3	2	15	24	56	31	19	17	41	6	23	11	18	6	23	25	23	8	37	4	9	10	1	3	
EVAP. DATA	64	64	70	69	69	55	72	72	79	80	80	80	76	76	84	67	67	67	62	62	68	68	68	75	66	66	66	66	72	65	65	65	63	63	70		
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	0	4	25	27	25	10	5	0	0	
EVAP / TRANS	70	70	77	74	52	24	7	0	0	0	0	0	0	0	0	15	37	60	65	67	75	75	75	83	73	72	55	30	7	19	40	62	69	69	70	77	
DEEP PERCOLATION	20	20	22	19	14	6	2	0	0	0	0	0	0	0	0	4	11	18	20	20	22	20	20	22	20	20	15	8	2	6	12	19	20	20	20	22	
CROP WATER REQ.	90	90	99	93	65	30	9	0	0	0	0	0	0	0	0	44	72	109	93	95	97	95	95	105	93	92	70	39	13	49	80	106	99	94	90	99	
EFF. RAINFALL	1	4	7	9	1	1	0	0	0	0	0	0	0	0	0	10	38	31	19	17	41	6	23	11	18	6	20	14	7	3	30	4	9	10	1	3	
CROP IRRG. REQ.	90	86	93	84	64	29	9	0	0	0	0	0	0	0	0	34	34	78	74	78	56	89	72	94	75	86	50	25	6	46	50	102	89	84	88	96	
OVERALL EFF.	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55
DIVERSION REQ.	163	156	168	152	117	53	16	0	0	0	0	0	0	0	0	76	75	173	165	173	126	197	160	208	167	191	110	56	13	84	91	183	163	153	161	174	
W <sup>D</sup> DUTY (L/S/H)	1.88	1.81	1.77	1.76	1.35	0.76	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.87	2.00	1.91	2.00	1.32	2.28	1.86	2.19	1.93	2.21	1.28	0.64	0.15	0.88	1.06	2.15	1.88	1.77	1.86	1.83	

v v v

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

v v v = CRITICAL

Name of Project SOUTHERN LEYTE ( RAINFALL STA.= ANAHAWAN ; EVAP. STA.= VISCA AGROMET )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
RICE - RICE	XXXXZZZZ											O+++++									XXXXZZZZ	O+++++															
	-XXXXZZZZ											O+++++									-XXXXZZZZ	O+++++															
	XXXXZZZZ											O+++++									XXXXZZZZ	O+++++															
	XXXXZZZZ											O+++++									XXXXZZZZ	O+++++															
	XXXXZZZZ											O+++++									XXXXZZZZ	O+++++															
	XXXXZZZZ											O+++++									XXXXZZZZ	O+++++															

o = Land Soaking    + = Land Preparation    - = Crop Maintenance    x = Drainage    z = Harvest

RAINFALL DATA	76	46	57	38	33	14	33	14	16	12	4	7	6	6	2	4	11	19	15	19	9	14	7	9	5	5	16	39	26	35	60	47	24	20	59	44	
EVAP. DATA	28	28	31	32	32	26	39	39	43	43	43	43	42	42	46	34	34	34	29	29	32	34	34	37	32	32	32	31	31	34	26	26	26	25	25	27	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	7	21	27	25	10	5	0	0	0	0	0	0	0	
EVAP / TRANS	21	11	2	0	0	0	0	0	0	0	0	9	23	38	49	37	37	37	32	32	35	37	28	16	3	9	20	29	33	37	29	29	29	27	27	29	
DEEP PERCOLATION	14	7	1	0	0	0	0	0	0	0	0	4	11	18	22	20	20	20	20	20	22	20	15	9	2	6	12	19	20	22	20	20	20	20	20	21	
CROP WATER REQT.	35	18	3	0	0	0	0	0	0	0	0	38	59	86	78	64	57	57	52	52	57	57	43	25	12	36	59	73	63	64	49	49	49	47	47	51	
EFF. RAINFALL	35	17	3	0	0	0	0	0	0	0	0	3	4	6	2	4	11	19	15	19	9	14	6	5	1	2	12	39	26	35	49	47	24	20	47	4	
CROP IRRG. REQT.	0	1	0	0	0	0	0	0	0	0	0	36	54	81	76	61	46	38	36	32	48	42	37	20	10	34	47	34	37	29	0	2	25	27	0	8	
OVERALL EFF.	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQT.	0	2	0	0	0	0	0	0	0	0	0	79	121	179	169	135	103	84	81	72	106	94	81	44	19	61	85	61	68	53	0	4	46	49	0	14	
W'DUTY (L/SH)	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	1.40	2.07	1.78	1.56	1.19	0.97	0.93	0.83	1.11	1.09	0.94	0.47	0.22	0.71	0.99	0.71	0.78	0.56	0.00	0.04	0.53	0.57	0.00	0.15	

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project SULTAN KUDARAT ( RAINFALL STA = KENRAM ; EVAP. STA = MIT )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
RICE - RICE	-xxxxzzzzz												o+++++									xxxxzzzzz			o+++++														
	-xxxxzzzzz												o+++++									-xxxxzzzzz			o+++++														
	xxxxzzzzz												o+++++									xxxxzzzzz			o+++++														
	xxxxzzzzz												o+++++									-xxxxzzzzz			o+++++														
	xxxxzzzzz												o+++++									xxxxzzzzz			+++++														
		o = LandSoaking		+ = LandPreparation		- = CropMaintenance		x = Drainage		z = Harvest																													
RAINFALL DATA	0	3	0	0	1	0	6	0	0	0	7	10	11	37	26	26	22	30	15	12	19	13	15	10	12	4	23	15	13	21	19	24	12	6	6	8			
EVAP. DATA	50	50	55	54	54	44	55	55	60	59	59	59	53	53	58	50	50	50	45	45	50	49	49	54	50	50	50	48	48	53	48	48	48	45	45	50			
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	7	21	27	25	10	5	0	0	0	0	0	0			
EVAP / TRANS	54	38	20	2	0	0	0	0	0	0	0	0	12	29	53	53	55	55	50	50	55	54	54	44	21	5	14	30	46	56	53	53	53	50	50	54			
DEEP PERCOLATION	19	14	7	1	0	0	0	0	0	0	0	0	4	11	20	20	20	20	20	20	22	20	20	16	8	2	6	12	19	22	20	20	20	20	20	22			
CROP WATER REQ.T.	73	51	28	2	0	0	0	0	0	0	0	0	41	65	104	81	82	75	70	70	77	74	73	60	29	14	41	69	89	88	78	73	73	70	70	76			
EFF. RAINFALL	0	2	0	0	0	0	0	0	0	0	0	0	4	26	26	26	22	30	15	12	19	13	15	9	6	1	9	12	13	21	19	24	12	6	6	8			
CROP IRRG. REQ.T.	73	49	28	2	0	0	0	0	0	0	0	0	36	39	78	55	60	45	55	58	58	61	58	51	23	12	31	57	76	67	59	49	61	64	64	68			
OVERALL EFF.	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55	55	55		
DIVERSION REQ.T.	133	89	51	4	0	0	0	0	0	0	0	0	80	86	173	121	134	101	122	128	128	136	130	114	50	23	57	104	139	122	107	89	111	115	115	24			
W*DUTY (L/S/H)	1.54	1.03	0.53	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	1.00	1.82	1.40	1.55	1.16	1.41	1.49	1.35	1.57	1.50	1.19	0.58	0.26	0.66	1.20	1.61	1.28	1.24	1.03	1.29	1.34	1.34	1.31			
vvv																																							

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project **SULU PROJ. ( RAINFALL STA.= BASILAN ; EVAP. STA.= MSU )**

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3				
RICE - RICE	-XXXXZZZZZ												O+++++	O+++++	O+++++							XXXXZZZZZ	O+++++	O+++++													
	-XXXXZZZZZ												O+++++	O+++++	O+++++							XXXXZZZZZ	O+++++	O+++++													
	-XXXXZZZZZ												O+++++	O+++++	O+++++							XXXXZZZZZ	O+++++	O+++++													
	-XXXXZZZZZ												O+++++	O+++++	O+++++							XXXXZZZZZ	O+++++	O+++++													
	-XXXXZZZZZ												O+++++	O+++++	O+++++							XXXXZZZZZ	O+++++	O+++++													
	-XXXXZZZZZ												O+++++	O+++++	O+++++							XXXXZZZZZ	O+++++	O+++++													
	-XXXXZZZZZ												O+++++	O+++++	O+++++							XXXXZZZZZ	O+++++	O+++++													
		o = LandSoaking   + = LandPreparation   - = CropMaintenance   x = Drainage   z = Harvest																																			
RAINFALL DATA	9	9	10	9	9	7	8	8	9	17	17	17	43	43	47	52	52	52	52	52	57	67	67	73	45	45	45	54	54	59	23	23	23	15	15	21	
EVAP. DATA	27	27	29	33	33	27	34	34	37	39	39	39	36	36	39	29	29	29	30	30	33	36	36	39	32	32	32	32	32	35	33	33	33	28	28	30	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	7	21	27	25	10	5	0	0	0	0	0		
EVAP / TRANS	28	20	11	1	0	0	0	0	0	0	0	0	8	20	36	30	31	32	33	33	37	39	39	32	13	3	9	20	31	38	36	36	36	30	30	33	
DEEP PERCOLATION	19	14	7	1	0	0	0	0	0	0	0	0	4	11	20	20	20	20	20	20	22	20	20	16	8	2	6	12	19	22	20	20	20	20	20	22	
CROP WATER REQT.	48	33	18	2	0	0	0	0	0	0	0	0	37	55	87	58	59	52	53	53	59	59	59	48	21	12	36	59	74	70	61	56	56	50	50	55	
EFF. RAINFALL	9	7	5	1	0	0	0	0	0	0	0	0	17	30	47	51	52	52	52	52	56	59	59	48	18	8	18	41	53	58	23	23	23	15	15	21	
CROP IRRG. REQT.	39	26	13	1	0	0	0	0	0	0	0	0	20	25	40	7	7	0	2	2	3	0	0	0	3	4	18	18	21	12	39	34	34	35	35	34	
OVERALL EFF.	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQT.	71	48	24	1	0	0	0	0	0	0	0	0	44	56	88	16	16	0	4	4	6	0	0	0	6	6	32	33	39	22	70	61	61	64	64	62	
W'DUTY (L/S/H)	0.82	0.56	0.26	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.65	0.92	0.18	0.19	0.00	0.04	0.04	0.07	0.00	0.00	0.00	0.07	0.07	0.37	0.39	0.45	0.23	0.81	0.71	0.71	0.74	0.74	0.65	

vvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project SURIGAO DEL NORTE ( RAINFALL STA = SURIGAO CITY ; EVAP. STA. = STA. JOSEFA )

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
DECADE	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE							xxxxzzzzz												o+++++									xxxxzzzzz						o+++++		
							xxxxzzzzz												o+++++									xxxxzzzzz						o+++++		
							xxxxzzzzz												o+++++									xxxxzzzzz						o+++++		
							xxxxzzzzz												o+++++									xxxxzzzzz						o+++++		
							xxxxzzzzz												o+++++									xxxxzzzzz						o+++++		
							xxxxzzzzz												o+++++									xxxxzzzzz						o+++++		
							xxxxzzzzz												o+++++									xxxxzzzzz						o+++++		

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	101	65	82	59	64	60	59	43	33	28	23	24	9	13	2	5	11	17	18	10	12	22	3	10	5	16	21	21	27	49	43	67	82	110	83	117
EVAP. DATA	40	40	44	33	33	26	39	39	43	38	38	38	43	43	47	38	38	38	36	36	40	37	37	40	36	36	36	35	35	39	32	32	32	33	33	36
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	25	30	17	8	3	0	0	0	0	0	0	0	0	21	21	32	11	10	0	
EVAP / TRANS	44	44	48	36	36	25	23	9	0	0	0	0	0	0	0	3	16	27	37	43	40	40	44	39	39	39	34	21	9	5	15	26	34	35	40	
DEEP PERCOLATION	20	20	22	20	20	14	11	4	0	0	0	0	0	0	0	2	8	15	20	22	20	20	22	20	20	20	18	11	4	3	10	16	20	20	22	
CROP WATER REQT.	64	64	70	56	56	38	34	14	0	0	0	0	0	0	0	19	49	72	74	72	63	60	66	59	59	59	52	32	13	29	46	75	65	65	62	
EFF. RAINFALL	64	62	70	56	56	38	32	12	0	0	0	0	0	0	0	2	10	16	10	12	22	3	10	5	16	21	21	17	12	13	35	65	65	64	62	
CROP IRRG. REQT.	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	17	39	56	64	60	41	57	56	54	43	38	31	15	1	16	11	10	0	1	0	
OVERALL EFF.	55	55	55	55	55	55	55	55	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55
DIVERSION REQT.	0	3	0	0	0	0	4	4	0	0	0	0	0	0	0	38	86	124	142	134	91	127	125	120	96	85	69	33	2	29	20	18	0	2	0	
W'DUTY (L/S/H)	0.00	0.04	0.00	0.00	0.00	0.00	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	1.00	1.43	1.64	1.41	1.05	1.47	1.32	1.39	1.11	0.98	0.80	0.39	0.02	0.33	0.24	0.21	0.00	0.02	0.00	

vvv

vvv = CRITICAL

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.



Name of Project SURIGAO DEL SUR ( RAINFALL STA= ; EVAP. STA= )

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
DECADE	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE																																				

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	160	160	160	138	138	138	126	126	126	126	87	87	24	24	24	32	32	32	21	21	21	15	15	15	19	19	19	83	83	83	131	131	131	179	179	179		
EVAP. DATA	21	21	23	26	26	21	25	25	27	27	31	31	34	34	34	30	30	30	32	32	35	34	34	38	34	34	34	31	31	34	27	27	27	23	23	25		
LAND SOAK / FLOOD	29	15	10	0	0	0	0	0	0	0	0	0	14	25	32	15	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	28	
EVAP / TRANS	17	22	25	29	29	23	27	27	30	30	31	20	3	14	29	31	32	33	35	35	39	38	38	36	19	7	0	0	0	0	0	0	0	0	0	0	2	11
DEEP PERCOLATION	16	20	22	20	20	16	20	20	55	22	18	12	2	8	17	20	20	20	20	20	22	20	20	19	10	4	0	0	0	0	0	0	0	0	0	0	2	10
CROP WATER REQ.	61	57	57	49	49	39	47	47	52	52	49	31	19	47	78	66	60	55	55	55	61	58	58	55	30	10	0	0	0	0	0	0	0	0	0	18	49	
EFF. RAINFALL	61	57	57	49	49	39	47	47	52	52	49	31	5	14	22	32	32	32	21	21	21	15	15	15	12	6	0	0	0	0	0	0	0	0	0	18	49	
CROP IRRG. REQ.	0	0	0	0	0	0	0	0	0	0	0	0	14	33	56	34	28	23	34	34	40	43	43	40	18	5	0	0	0	0	0	0	0	0	0	0	0	
OVERALL EFF.	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	0	0	55	55
DIVERSION REQ.	0	0	0	0	0	0	0	0	0	0	0	0	26	60	102	61	50	43	62	62	72	77	77	72	32	9	0	0	0	0	0	0	0	0	0	0	0	0
W*DUTY (L/S/H)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.69	1.07	0.71	0.58	0.49	0.72	0.72	0.76	0.90	0.90	0.76	0.38	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project TARLAC (RAINFALL STA = ; EVAP. STA = )

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
DECADE	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE	-----XXXXXXXXXX												O+++++									XXXXXXXXXX			O+++++											
	-----XXXXXXXXXX															O+++++						XXXXXXXXXX			O+++++											
	-----XXXXXXXXXX															O+++++						XXXXXXXXXX			O+++++											
	-----XXXXXXXXXX															O+++++						XXXXXXXXXX			O+++++											
	-----XXXXXXXXXX															O+++++						XXXXXXXXXX			O+++++											
	-----XXXXXXXXXX															O+++++						XXXXXXXXXX			O+++++											

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	0	0	0	1	0	0	0	1	0	0	1	4	2	18	47	34	14	22	95	58	80	112	129	25	24	45	63	10	3	3	2	5	1	0	1	1
EVAP. DATA	49	49	54	58	58	47	69	69	76	72	72	72	58	58	64	43	43	43	37	37	41	32	32	35	35	35	35	40	40	44	42	42	42	45	45	50
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0
EVAP / TRANS	54	52	39	20	2	0	0	0	0	0	0	0	0	13	36	40	45	46	41	41	45	35	35	38	27	14	3	11	25	42	45	46	46	50	50	55
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	0	4	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	20	20	22	
CROP WATER REQ.	74	72	54	27	3	0	0	0	0	0	0	0	0	42	75	86	73	74	61	61	67	55	55	60	42	22	12	38	64	90	72	71	66	70	70	77
EFF. RAINFALL	0	0	0	0	0	0	0	0	0	0	0	0	0	7	33	34	14	22	61	56	67	55	55	25	20	19	10	4	3	3	2	5	1	0	1	1
CROP IRRG. REQ.	74	72	54	27	3	0	0	0	0	0	0	0	0	34	42	52	59	52	0	4	0	0	0	35	22	3	2	34	61	88	70	66	66	70	69	76
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	22	55	55	55	55	55	55
DIVERSION REQ.	134	130	98	48	5	0	0	0	0	0	0	0	0	77	94	116	131	115	0	10	0	0	0	78	49	8	4	61	112	159	128	121	119	127	126	139
W'DUTY (L/S/H)	1.55	1.51	1.03	0.56	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.99	1.34	1.51	1.33	0.00	0.11	0.00	0.00	0.00	0.82	0.57	0.09	0.04	0.71	1.29	1.68	1.48	1.40	1.38	1.47	1.46	1.46

vvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project TAWI-TAWI PROJ. ( RAINFALL STA = ISABELA, BASILAN ; EVAP. STA = MSU )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
RICE - RICE	xxxxzzzzz												o+++++									xxxxzzzzz			o+++++											
	-xxxxzzzzz												o+++++									-xxxxzzzzz			o+++++											
	xxxxzzzzz												o+++++									xxxxzzzzz			o+++++											
	-xxxxzzzzz												o+++++									-xxxxzzzzz			o+++++											
	xxxxzzzzz												o+++++									xxxxzzzzz			o+++++											
	-xxxxzzzzz												o+++++									-xxxxzzzzz			o+++++											

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	9	9	10	9	9	7	8	8	9	17	17	17	43	43	47	52	52	52	52	52	57	67	67	73	45	45	45	54	54	29	23	23	23	15	15	21	
EVAP. DATA	27	27	29	33	33	27	34	34	37	39	39	39	36	36	39	29	29	29	30	30	33	36	36	39	32	32	32	32	32	35	33	33	33	28	28	30	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	7	21	27	25	10	5	0	0	0	0	0		
EVAP / TRANS	28	20	11	1	0	0	0	0	0	0	0	0	8	20	36	30	31	32	33	33	37	39	39	32	13	3	9	20	31	38	36	36	36	30	30	33	
DEEP PERCOLATION	19	14	7	1	0	0	0	0	0	0	0	0	4	11	20	20	20	20	20	20	22	20	20	16	8	2	6	12	19	22	20	20	20	20	20	22	
CROP WATER REQ.	48	33	18	2	0	0	0	0	0	0	0	0	37	55	87	58	59	52	53	53	59	59	59	48	21	12	36	59	74	70	61	56	56	50	50	55	
EFF. RAINFALL	9	7	5	1	0	0	0	0	0	0	0	0	17	30	47	51	52	52	52	52	56	59	59	48	18	8	18	41	53	29	23	23	23	15	15	21	
CROP IRRG. REQ.	39	26	13	1	0	0	0	0	0	0	0	0	20	25	40	7	7	0	2	2	3	0	0	0	3	4	18	18	21	40	39	34	34	35	35	34	
OVERALL EFF.	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	71	48	24	1	0	0	0	0	0	0	0	0	44	56	88	16	16	0	4	4	6	0	0	0	6	6	32	33	39	73	70	61	61	64	64	62	
W*DUTY (L/S/H)	0.82	0.56	0.26	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.65	0.92	0.18	0.19	0.00	0.04	0.04	0.07	0.00	0.00	0.00	0.07	0.07	0.37	0.39	0.45	0.77	0.61	0.71	0.71	0.74	0.74	0.65	

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project WESTERN SAMAR ( RAINFALL STA = CATBALOGAN ; EVAP. STA = CATARMAN )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	-XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	-XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	17	10	18	14	11	11	12	6	13	8	9	5	14	8	16	22	24	42	35	36	41	11	14	9	11	24	53	55	71	43	55	44	41	31	36	36	
EVAP. DATA	35	35	38	40	40	32	47	47	52	51	51	51	48	48	53	41	41	41	44	44	48	44	44	49	40	40	10	34	34	38	30	30	30	28	28	30	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	7	21	27	25	10	5	0	0	0	0	0		
EVAP / TRANS	37	26	14	1	0	0	0	0	0	0	0	0	11	26	48	44	45	45	48	48	53	49	48	40	17	4	11	21	33	40	33	33	33	30	30	34	
DEEP PERCOLATION	19	14	7	1	0	0	0	0	0	0	0	0	4	11	20	20	20	20	20	20	22	20	20	16	8	2	6	12	19	22	20	20	20	20	20	22	
CROP WATER REQ.	56	40	22	2	0	0	0	0	0	0	0	0	39	62	99	71	72	65	68	68	75	69	68	56	24	13	38	61	76	72	58	53	53	50	50	56	
EFF. RAINFALL	17	8	8	1	0	0	0	0	0	0	0	0	5	6	16	55	24	42	35	36	41	11	14	8	6	6	21	42	62	43	53	44	41	31	36	36	
CROP IRRG. REQ.	39	32	13	0	0	0	0	0	0	0	0	0	34	56	86	49	49	23	34	32	34	58	54	48	19	7	17	19	14	29	5	9	12	20	14	20	
OVERALL EFF.	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	71	58	24	1	0	0	0	0	0	0	0	0	75	125	184	108	109	52	75	71	75	129	121	107	42	12	31	34	26	53	8	15	21	36	26	36	
W*DUTY (LS/H)	0.82	0.67	0.25	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	1.44	1.94	1.25	1.26	0.60	0.87	0.82	0.79	1.50	1.40	1.12	0.48	0.14	0.36	0.39	0.30	0.56	0.10	0.18	0.25	0.41	0.30	0.37	

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project ZAMBALES ( RAINFALL STA= IBA ; EVAP. STA.= H. LUISITA )

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
RICE - RICE	XXXXXZZZZZ			O+++++			XXXXXZZZZZ			O+++++			XXXXXZZZZZ			O+++++			XXXXXZZZZZ			O+++++			XXXXXZZZZZ			O+++++			XXXXXZZZZZ			O+++++		

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	0	1	0	0	1	0	0	1	1	1	1	1	2	15	37	32	25	71	57	56	67	122	167	90	46	40	38	16	23	6	5	6	2	1	3	1	
EVAP. DATA	49	49	54	60	60	48	69	69	76	72	72	72	58	58	64	43	43	43	37	37	41	32	32	35	35	35	35	40	40	44	42	42	42	42	45	45	50
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0	0	0	
EVAP / TRANS	54	52	39	21	2	0	0	0	0	0	0	0	13	36	40	45	46	41	41	45	35	35	38	27	14	3	11	25	42	45	46	46	50	50	55		
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	4	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	20	20	20	22		
CROP WATER REQ.	74	72	54	28	3	0	0	0	0	0	0	0	42	75	86	73	74	61	61	67	55	55	60	42	22	12	38	64	90	72	71	66	70	70	77		
EFF. RAINFALL	0	1	0	0	0	0	0	0	0	0	0	0	6	26	32	25	66	56	55	64	55	55	60	35	17	8	6	18	6	5	6	2	1	3	1		
CROP IRRG. REQ.	74	71	54	28	2	0	0	0	0	0	0	0	36	49	55	47	7	5	6	3	0	0	0	7	5	4	31	46	84	67	65	64	69	67	76		
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55	
DIVERSION REQ.	134	129	98	50	4	0	0	0	0	0	0	0	79	109	121	105	17	44	13	7	0	0	0	16	44	8	57	83	153	122	119	116	126	122	139		
W* DUTY (L/S/H)	1.55	1.49	1.03	0.58	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	1.15	1.41	1.21	0.19	0.13	0.15	0.08	0.00	0.00	0.00	0.19	0.13	0.09	0.66	0.96	1.61	1.42	1.38	1.34	1.45	1.41	1.46		

vvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project ZAMBOANGA DEL NORTE PROJ. (RAINFALL STA = DIPOLOG ; EVAP. STA = MIT)

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE	-----XXXXXXXXXX												O+++++								-----XXXXXXXXXX	O+++++														
	-----XXXXXXXXXX												O+++++								-----XXXXXXXXXX	O+++++														
	-----XXXXXXXXXX												O+++++								-----XXXXXXXXXX	O+++++														
	-----XXXXXXXXXX												O+++++								-----XXXXXXXXXX	O+++++														
	-----XXXXXXXXXX												O+++++								-----XXXXXXXXXX	O+++++														
	-----XXXXXXXXXX												O+++++								-----XXXXXXXXXX	O+++++														

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	18	12	10	6	8	3	6	3	2	2	3	6	19	10	19	37	42	47	36	25	20	22	33	29	25	25	43	34	24	40	35	39	42	43	18	20	
EVAP. DATA	50	50	55	54	54	44	55	55	60	59	59	59	53	53	58	50	50	50	45	45	50	49	49	54	50	50	50	48	48	53	48	48	48	45	45	50	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	7	21	27	25	10	5	0	0	0	0	0	0	
EVAP / TRANS	54	38	20	2	0	0	0	0	0	0	0	0	12	29	53	53	55	55	50	50	55	54	54	44	21	5	14	30	46	56	53	53	53	50	50	54	
DEEP PERCOLATION	19	14	7	1	0	0	0	0	0	0	0	0	4	11	20	20	20	20	20	20	22	20	20	16	8	2	6	12	19	22	20	20	20	20	20	22	
CROP WATER REQ T.	73	51	28	2	0	0	0	0	0	0	0	0	41	65	104	81	82	75	70	70	77	74	73	60	29	14	41	69	89	88	78	73	73	70	70	76	
EFF. RAINFALL	18	10	5	1	0	0	0	0	0	0	0	0	8	7	19	37	42	47	36	25	20	22	33	24	12	6	17	28	24	40	35	39	42	43	18	20	
CROP IRRG. REQ T.	55	41	23	2	0	0	0	0	0	0	0	0	33	57	85	43	40	29	34	45	57	52	40	36	16	7	24	42	65	48	43	34	31	26	51	57	
OVERALL EFF.	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ T.	100	75	42	3	0	0	0	0	0	0	0	0	73	128	189	96	90	63	76	99	126	116	89	79	36	13	43	76	118	88	77	61	56	48	93	103	
W'DUTY (L/S/H)	1.16	0.87	0.44	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	1.48	1.99	1.11	1.04	0.73	0.88	1.15	1.33	1.35	1.04	0.84	0.41	0.15	0.50	0.88	1.37	0.92	0.90	0.71	0.65	0.56	1.07	1.08	

wvv

wvv = CRITICAL

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

Name of Project ZAMBOANGA DEL SUR PROJ. ( RAINFALL STA.= ZAMBOANGA CITY ; EVAP. STA.= MSU )

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
RICE - RICE			xxxxzzzzz																																	
			xxxxzzzzz																																	
			xxxxzzzzz																																	
			xxxxzzzzz																																	
			xxxxzzzzz																																	
			xxxxzzzzz																																	

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	2	2	3	3	2	1	2	2	2	3	2	3	9	11	13	5	21	20	12	7	11	11	8	17	18	7	17	25	13	11	10	9	20	3	3	4	
EVAP. DATA	27	27	29	33	33	27	34	34	37	39	39	39	36	36	39	29	29	29	30	30	33	36	36	39	32	32	32	32	32	35	33	33	33	28	28	30	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0	
EVAP / TRANS	29	28	21	12	1	0	0	0	0	0	0	0	0	8	22	27	30	31	33	33	37	39	39	42	26	13	3	9	20	34	35	36	36	30	30	33	
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	0	4	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	20	20	2	22	
CROP WATER REQT.	49	48	36	18	2	0	0	0	0	0	0	0	0	37	62	74	58	59	53	53	59	59	59	64	40	21	12	35	59	82	63	61	56	50	50	55	
EFF. RAINFALL	2	2	2	2	0	0	0	0	0	0	0	0	0	4	9	5	21	20	12	7	11	11	8	17	15	3	4	10	11	11	10	9	20	3	3	4	
CROP IRRG. REQT.	47	46	34	16	1	0	0	0	0	0	0	0	0	32	53	69	37	39	41	46	48	48	51	47	25	18	7	26	49	71	53	52	36	47	47	51	
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQT.	85	84	61	30	3	0	0	0	0	0	0	0	0	72	117	154	82	86	91	103	107	107	113	104	56	39	14	46	89	129	96	94	66	86	86	93	
W'DUTY (L/S/H)	0.99	0.97	0.64	0.35	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	1.23	1.78	0.95	0.99	1.05	1.19	1.12	1.24	1.31	1.10	0.65	0.46	0.16	0.54	1.03	1.36	1.11	1.09	0.77	1.00	0.99	0.98	

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

UNITS : mm

Name of Project ABRA ( RAINFALL STA.= LANGANGILANG ; EVAP. STA.= PAIT )

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC				
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3		
RICE - RICE	xxxxzzzz											o+++++									xxxxzzzz	o+++++																
	--xxxzzzz											o+++++									--xxxzzzz	o+++++																
	xxxxzzzz											o+++++									xxxxzzzz	o+++++																
	--xxxzzzz											o+++++									--xxxzzzz	o+++++																
	xxxxzzzz											o+++++									xxxxzzzz	o+++++																
	--xxxzzzz											o+++++									--xxxzzzz	o+++++																

o = LandSoaking + = LandPreparation - = CropMaintenance x = Drainage z = Harvest

RAINFALL DATA	0	0	0	0	0	1	1	0	2	4	9	17	41	29	97	73	77	44	115	93	142	102	83	120	104	59	45	13	7	5	3	5	3	1	1	0
EVAP. DATA	60	60	66	65	65	52	72	72	79	73	73	73	72	72	80	58	58	58	58	58	64	52	52	57	54	54	54	58	58	64	58	58	58	58	58	63
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	7	21	27	25	10	5	0	0	0	0	0	0	0
EVAP / TRANS	45	23	3	0	0	0	0	0	0	0	0	16	40	65	84	63	64	64	64	64	70	56	43	25	5	15	33	56	62	70	63	63	63	63	63	68
DEEP PERCOLATION	14	7	1	0	0	0	0	0	0	0	0	4	11	18	22	20	20	20	20	20	22	20	15	9	2	6	12	19	20	22	20	20	20	20	20	21
CROP WATER REQ.	58	30	4	0	0	0	0	0	0	0	0	45	75	114	113	91	84	84	84	84	84	92	76	58	34	14	42	73	99	92	97	83	83	83	83	89
EFF. RAINFALL	0	0	0	0	0	0	0	0	0	0	0	7	28	29	88	68	72	44	84	84	92	76	57	34	14	23	36	13	7	5	3	5	3	1	1	0
CROP IRRG. REQ.	58	30	4	0	0	0	0	0	0	0	0	38	47	85	25	22	12	40	0	0	0	0	0	0	19	37	86	84	91	80	78	81	82	82	89	
OVERALL EFF.	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	106	54	8	0	0	0	0	0	0	0	0	85	104	188	57	50	27	88	0	0	0	0	1	0	0	34	68	156	153	166	146	142	147	150	149	161
W'DUTY (L/S/H)	1.22	0.63	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	1.20	2.17	0.60	0.58	0.32	1.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.40	0.78	1.81	1.77	1.75	1.69	1.65	1.70	1.73	1.73	1.70

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL





Name of Project BENGUET (RAINFALL STA.= BAGUIO ; EVAP. STA.= BAGUIO)

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
RICE - RICE	-----XXXXZZZZZ												O+++++												XXXXZZZZZ			O+++++											
	-----XXXXZZZZZ												O+++++												XXXXZZZZZ			O+++++											
	-----XXXXZZZZZ												O+++++												XXXXZZZZZ			O+++++											
	-----XXXXZZZZZ												O+++++												XXXXZZZZZ			O+++++											
	-----XXXXZZZZZ												O+++++												XXXXZZZZZ			O+++++											
	-----XXXXZZZZZ												O+++++												XXXXZZZZZ			O+++++											

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	0	0	0	0	0	0	0	0	3	6	1	6	18	41	58	55	54	36	47	36	60	90	43	65	70	37	34	49	6	9	6	4	4	5	0	0	
EVAP. DATA	29	29	32	35	35	28	39	39	43	38	38	38	30	30	33	27	27	27	26	26	28	20	20	22	26	26	26	26	26	29	27	27	27	27	27	30	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0	0	
EVAP / TRANS	32	31	23	12	1	0	0	0	0	0	0	0	0	7	18	25	28	29	28	28	31	22	22	24	21	11	3	7	16	28	28	29	29	30	30	33	
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	0	4	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	20	20	20	22	
CROP WATER REQT.	52	50	38	19	2	0	0	0	0	0	0	0	0	35	58	71	55	56	48	48	53	42	42	46	35	18	11	34	56	76	56	54	49	50	50	55	
EFF. RAINFALL	0	0	0	0	0	0	0	0	0	0	0	0	0	16	39	51	50	36	47	36	53	42	42	46	35	15	7	19	5	9	6	4	4	5	0	0	
CROP IRRG. REQT.	52	50	38	19	2	0	0	0	0	0	0	0	0	19	19	20	6	20	1	12	0	0	0	0	3	5	15	51	67	50	50	45	45	50	55	55	
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQT.	94	91	69	34	3	0	0	0	0	0	0	0	0	43	41	45	13	45	2	27	0	0	0	0	7	8	27	93	122	91	91	83	82	91	100	100	
W*DUTY (L/S/H)	1.09	1.06	0.72	0.39	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.44	0.52	0.15	0.52	0.03	0.31	0.00	0.00	0.00	0.00	0.08	0.10	0.31	1.07	1.28	1.05	1.06	0.96	0.95	1.05	1.05		

vvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project CAGAYAN ( RAINFALL STA = TUGUEGARAO ; EVAP. STA = TUGUEGARAO )

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
DECADE	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE				xxxxzzzzz												o+++++									xxxxzzzzz			o+++++								
				xxxxzzzzz												o+++++									xxxxzzzzz			o+++++								
				xxxxzzzzz												o+++++									xxxxzzzzz			o+++++								
				xxxxzzzzz												o+++++									xxxxzzzzz			o+++++								
				xxxxzzzzz												o+++++									xxxxzzzzz			o+++++								
				xxxxzzzzz												o+++++									xxxxzzzzz			o+++++								

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	2	1	1	0	1	1	1	1	2	3	3	2	4	8	22	24	17	16	11	21	21	27	28	21	15	14	26	12	26	11	15	15	11	5	5	3	
EVAP. DATA	48	48	53	58	58	47	67	67	73	80	80	80	76	76	83	66	66	66	61	61	67	57	57	62	59	59	59	55	55	61	49	49	49	46	46	50	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	24	29	8	8	0	0	0	0	0	0	0	7	21	31	24	8	5	0	0	0		
EVAP / TRANS	53	53	56	42	21	2	0	0	0	0	0	0	0	0	20	38	62	70	67	67	74	62	62	69	64	47	25	5	15	39	48	52	54	50	50	55	
DEEP PERCOLATION	20	20	21	13	6	1	0	0	0	0	0	0	0	0	5	12	18	20	20	20	22	20	20	22	20	14	8	2	6	14	19	20	20	20	20	22	
CROP WATER REQ.	73	73	77	55	27	3	0	0	0	0	0	0	0	0	53	74	109	98	94	87	96	82	82	91	82	61	32	14	42	83	91	80	79	70	70	77	
EFF. RAINFALL	2	1	1	0	0	0	0	0	0	0	0	0	0	0	9	17	17	16	11	21	21	27	28	21	15	12	13	4	10	9	15	15	11	5	5	3	
CROP IRRG. REQ.	71	72	79	54	26	2	0	0	0	0	0	0	0	0	44	57	92	81	83	66	75	55	55	69	68	49	19	10	32	74	76	65	68	65	66	75	
OVERALL EFF.	55	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	130	131	137	99	48	4	0	0	0	0	0	0	0	0	98	127	203	180	185	147	167	122	121	154	152	109	43	19	58	135	138	119	124	118	119	135	
W* DUTY (L/S/H)	1.50	1.52	1.45	1.14	0.56	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	1.47	2.35	2.09	2.14	1.70	1.76	1.42	1.40	1.62	1.76	1.26	0.50	0.22	0.67	1.42	1.60	1.37	1.43	1.37	1.38	1.43	

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project ILOCOS NORTE ( RAINFALL STA = LAOAG , EVAP. STA = PAIT )

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
DECADE	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	0	0	0	0	0	0	0	0	0	1	0	3	3	4	13	46	17	27	23	18	41	48	25	57	29	23	12	9	4	4	2	2	2	0	1	0	
EVAP. DATA	60	60	66	65	65	52	72	72	79	73	73	73	72	72	80	58	58	58	58	58	64	52	52	57	54	54	54	58	58	64	58	58	58	58	58	58	63
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	7	21	27	25	10	5	0	0	0	0	0	0	
EVAP / TRANS	64	45	24	2	0	0	0	0	0	0	0	0	16	40	72	61	63	64	64	64	70	57	56	46	22	5	15	36	56	68	63	63	63	63	63	70	
DEEP PERCOLATION	19	14	7	1	0	0	0	0	0	0	0	0	4	11	20	20	20	20	21	20	22	20	20	16	8	2	6	12	19	22	20	20	20	20	20	22	
CROP WATER REQT.	83	58	32	3	0	0	0	0	0	0	0	0	45	75	123	89	91	84	84	84	92	77	76	62	30	14	42	75	99	100	88	83	83	83	83	92	
EFF. RAINFALL	0	0	0	0	0	0	0	0	0	0	0	0	1	3	13	46	17	27	23	18	41	48	25	44	14	6	5	7	4	4	2	2	2	0	1	0	
CROP IRRG. REQT.	83	58	32	3	0	0	0	0	0	0	0	0	44	72	110	43	74	57	61	66	51	29	51	18	16	8	37	68	95	96	86	81	81	83	82	92	
OVERALL EFF.	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQT.	151	106	58	5	0	0	0	0	0	0	0	0	97	161	245	95	164	127	134	146	113	65	114	40	36	14	67	124	173	174	156	148	148	151	150	167	
W*DUTY (L/S/H)	1.75	1.22	0.61	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	1.86	2.57	1.10	1.90	1.46	1.56	1.69	1.19	0.75	1.32	0.42	0.41	0.16	0.78	1.44	2.00	1.83	1.81	1.71	1.71	1.75	1.73	1.75	

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project ILOCOS SUR ( RAINFALL STA = VIGAN ; EVAP. STA = VIGAN )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC																			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3																	
RICE - RICE	-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX																
	-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX													
	-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX										
	-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX							
	-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX				
	-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX			-----XXXXXXXXXX	

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	0	0	0	0	0	0	0	0	1	1	1	1	2	8	12	28	18	37	34	35	34	76	34	64	33	21	16	9	3	4	1	2	1	0	1	0	
EVAP. DATA	50	50	55	57	57	46	65	65	72	70	70	70	67	67	73	58	58	58	51	51	56	47	47	52	48	48	48	50	50	55	49	49	49	46	46	51	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	24	29	8	8	0	0	0	0	0	0	7	21	31	24	8	5	0	0	0	0	0	
EVAP / TRANS	55	55	58	41	20	2	0	0	0	0	0	0	0	0	17	34	54	62	56	56	62	52	52	57	52	38	20	5	14	35	48	52	54	51	51	56	
DEEP PERCOLATION	20	20	21	13	6	1	0	0	0	0	0	0	0	0	5	12	18	20	20	20	22	20	20	22	20	14	8	2	6	14	19	20	20	20	20	22	
CROP WATER REQ.T.	75	75	79	54	26	2	0	0	0	0	0	0	0	0	51	69	101	89	83	76	84	72	72	79	72	53	28	14	40	79	91	80	79	71	71	78	
EFF. RAINFALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	19	18	37	34	35	34	71	34	61	33	17	8	3	1	3	1	2	1	0	1	0	
CROP IRRG. REQ.T.	75	75	79	54	26	2	0	0	0	0	0	0	0	0	46	50	83	52	49	42	50	1	38	17	39	35	20	11	39	76	90	78	78	71	70	78	
OVERALL EFF.	55	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.T.	137	137	144	97	48	4	0	0	0	0	0	0	0	0	102	110	184	115	109	93	111	1	84	39	86	79	44	20	72	138	163	142	142	129	127	141	
W'DUTY (L/S/H)	1.59	1.58	1.51	1.13	0.55	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	1.28	2.13	1.33	1.26	1.08	1.17	0.02	0.97	0.41	0.99	0.91	0.51	0.23	0.83	1.46	1.89	1.65	1.65	1.49	1.47	1.49	

vvv

vvv = CRITICAL

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

Name of Project ISABELA ( RAINFALL STA = ILAGAN EXP'TAL ; EVAP. STA = ILAGAN EXP'TAL )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC						
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3				
RICE - RICE	xzzz			o+++++												xxxxzzzz												o+++++												xxxx
	xxxxzzzz			o+++++												xxxxzzzz												o+++++												x
	xxxxzzzz			o+++++												xxxxzzzz												o+++++												
	xxxxzzzz			o+++++												xxxxzzzz												o+++++												
	xxxxzzzz			o+++++												xxxxzzzz												o+++++												
	xxxxzzzz			o+++++												xxxxzzzz												o+++++												
	xxxxzzzz			o+++++												xxxxzzzz												o+++++												

o = Land Soaking    + = Land Preparation    - = Crop Maintenance    x = Drainage    z = Harvest

RAINFALL DATA	5	3	3	1	3	1	1	3	2	4	3	3	3	10	13	17	13	16	22	20	20	21	14	20	20	27	17	16	26	16	23	18	29	13	7	9	
EVAP. DATA	21	21	23	30	30	24	46	46	51	60	60	60	58	58	64	58	58	58	50	50	55	42	42	47	36	36	36	27	27	30	21	21	21	17	17	19	
LAND SOAK / FLOOD	0	4	25	27	25	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	
EVAP / TRANS	10	2	6	19	29	25	50	51	56	66	66	66	64	50	31	6	0	0	0	0	0	0	0	0	8	20	32	29	30	33	23	23	23	19	19	16	
DEEP PERCOLATION	8	2	6	12	19	16	20	20	22	20	20	20	20	16	10	2	0	0	0	0	0	0	0	0	4	11	18	20	20	22	20	20	20	20	20	17	
CROP WATER REQT.	18	8	36	58	72	49	78	71	78	86	86	86	84	65	40	8	0	0	0	0	0	0	0	0	37	55	81	56	57	55	43	43	43	39	39	33	
EFF. RAINFALL	3	1	1	1	3	1	1	3	2	4	3	3	3	9	8	3	0	0	0	0	0	0	0	0	8	19	17	16	26	16	23	18	29	13	7	8	
CROP IRRG. REQT.	15	7	35	67	70	48	76	68	76	83	83	83	81	56	32	4	0	0	0	0	0	0	0	0	29	36	64	40	31	39	20	25	14	26	32	25	
OVERALL EFF.	55	55	55	70	55	55	55	55	55	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	55	55	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQT.	28	13	64	55	127	87	139	123	138	150	152	152	148	102	59	8	0	0	0	0	0	0	0	0	52	65	116	73	57	70	37	45	26	47	59	45	
W'DUTY (L/S/H)	0.33	0.15	0.68	1.47	1.47	1.26	1.61	1.42	1.45	1.74	1.76	1.75	1.71	1.19	0.62	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.76	1.34	0.84	0.66	0.74	0.43	0.52	0.30	0.54	0.68	0.47	

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project KALINGA ( RAINFALL STA. = NANENG ; EVAP. STA. = TUGUEGARAO )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	-XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	-XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	-XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	-XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	-XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	3	1	3	1	1	1	2	1	3	3	2	2	4	19	25	14	20	13	14	26	23	30	19	29	11	11	14	9	22	36	11	12	12	4	4	2	
EVAP. DATA	48	48	53	58	58	47	67	67	73	80	80	80	76	76	83	66	66	66	61	61	67	57	57	62	59	59	59	55	55	61	49	49	49	46	46	50	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0	0	
EVAP / TRANS	53	51	39	21	2	0	0	0	0	0	0	0	0	17	47	62	70	72	67	67	74	62	62	67	47	25	6	15	34	58	52	54	54	50	50	55	
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	0	4	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	20	20	20	22	
CROP WATER REQ.	73	71	53	27	3	0	0	0	0	0	0	0	0	46	86	109	98	100	87	87	96	82	82	89	61	32	15	42	74	107	80	79	74	70	70	77	
EFF. RAINFALL	3	1	2	1	0	0	0	0	0	0	0	0	0	8	18	14	20	13	14	26	23	30	19	29	10	6	4	4	18	36	11	12	12	4	4	2	
CROP IRRG. REQ.	70	70	51	26	2	0	0	0	0	0	0	0	0	38	69	95	78	87	73	61	73	52	63	60	52	27	10	38	56	71	69	67	62	66	66	75	
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	127	127	93	48	4	0	0	0	0	0	0	0	0	84	153	210	172	193	163	136	163	116	141	133	115	60	19	70	102	128	125	122	113	121	121	137	
W* DUTY (L/S/H)	1.47	1.47	0.97	0.56	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	1.61	2.43	1.99	2.23	1.89	1.58	1.71	1.35	1.63	1.40	1.33	0.69	0.22	0.81	1.18	1.35	1.45	1.41	1.31	1.40	1.40	1.44	

www

www = CRITICAL

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

Name of Project LA UNION ( RAINFALL STA = ; EVAP. STA = )

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
DECADE	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE	XXXXZZZZZ												o+++++										XXXXZZZZZ	o+++++												
	XXXXZZZZZ												o+++++										XXXXZZZZZ	o+++++												
	XXXXZZZZZ												o+++++										XXXXZZZZZ	o+++++												
	XXXXZZZZZ												o+++++										XXXXZZZZZ	o+++++												
	XXXXZZZZZ												o+++++										XXXXZZZZZ	o+++++												
	XXXXZZZZZ												o+++++										XXXXZZZZZ	o+++++												

o = Land Soaking    + = Land Preparation    - = Crop Maintenance    x = Drainage    z = Harvest

RAINFALL DATA	0	0	0	0	0	0	0	0	5	5	5	25	25	25	67	67	67	67	67	67	115	115	115	76	76	76	12	12	12	4	4	4	0	0	0	
EVAP. DATA	45	45	50	52	52	41	55	55	60	63	63	63	61	61	68	51	51	51	49	49	54	46	46	51	43	43	43	46	46	51	39	39	39	40	40	44
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	7	21	27	25	10	5	0	0	0	0	0	0	
EVAP / TRANS	48	34	18	2	0	0	0	0	0	0	0	14	34	62	54	56	56	54	54	59	51	50	41	18	4	12	29	44	54	42	43	43	44	44	48	
DEEP PERCOLATION	19	14	7	1	0	0	0	0	0	0	0	4	11	20	20	20	20	20	20	22	20	20	16	8	2	6	12	19	22	20	20	20	20	20	22	
CROP WATER REQ.	68	47	26	2	0	0	0	0	0	0	0	42	69	112	81	83	76	74	74	81	71	70	57	26	13	39	68	88	86	67	63	63	64	64	70	
EFF. RAINFALL	0	0	0	0	0	0	0	0	0	0	0	10	18	25	64	64	64	64	64	64	71	70	57	26	12	28	10	12	12	4	4	4	0	0	0	
CROP IRRG. REQ.	68	47	26	2	0	0	0	0	0	0	0	32	52	87	18	20	13	10	10	18	0	0	0	0	1	11	59	76	74	63	59	59	64	64	70	
OVERALL EFF.	55	55	55	55	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55	55	
DIVERSION REQ.	123	86	47	4	0	0	0	0	0	0	0	72	115	194	40	43	28	23	23	39	1	0	0	0	2	20	107	138	135	115	106	106	116	116	128	
W'DUTY (L/S/H)	1.42	1.00	0.49	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	1.33	2.04	0.46	0.50	0.33	0.26	0.26	0.41	0.00	0.00	0.00	0.00	0.02	0.23	1.23	1.60	1.42	1.33	1.23	1.23	1.34	1.34	1.34	

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL



Name of Project MT. PROVINCE PROJ. ( RAINFALL STA. = ; EVAP. STA. = )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE				XXXXZZZZ												O+++++									XXXXZZZZ			O+++++								
				XXXXZZZZ															O+++++						XXXXZZZZ			O+++++								
				XXXXZZZZ															O+++++						XXXXZZZZ			O+++++								
				XXXXZZZZ															O+++++						XXXXZZZZ			O+++++								
				XXXXZZZZ															O+++++						XXXXZZZZ			O+++++								
				XXXXZZZZ															O+++++						XXXXZZZZ			O+++++								

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	5	5	5	2	2	2	5	5	5	6	6	6	32	32	32	38	38	38	27	27	27	62	62	62	47	47	47	28	28	28	28	28	28	12	12	12	
EVAP. DATA	48	48	53	58	58	47	67	67	73	80	80	80	76	76	83	66	66	66	61	61	67	57	57	62	59	59	59	55	55	61	49	49	49	46	46	50	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	31	8	8	0	0	0	0	0	0	0	4	25	27	25	10	5	0	0		
EVAP / TRANS	53	53	58	62	44	20	7	0	0	0	0	0	0	0	0	15	37	60	64	67	74	62	62	69	65	65	49	25	6	16	31	47	52	50	50	55	
DEEP PERCOLATION	20	20	22	19	14	6	2	0	0	0	0	0	0	0	0	4	11	18	20	20	22	20	20	22	20	20	15	8	2	6	12	19	20	20	20	22	
CROP WATER REQ.	73	73	80	82	57	26	8	0	0	0	0	0	0	0	0	44	72	108	92	94	96	82	82	91	85	85	64	34	12	46	70	91	82	75	70	77	
EFF. RAINFALL	5	5	5	2	2	1	1	0	0	0	0	0	0	0	0	15	27	38	27	27	27	60	60	60	47	47	39	15	8	11	22	28	28	12	12	12	
CROP IRRG. REQ.	68	68	75	80	56	25	7	0	0	0	0	0	0	0	0	28	45	70	65	67	69	23	23	31	38	38	25	19	3	35	48	63	54	63	58	65	
OVERALL EFF.	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55
DIVERSION REQ.	124	124	137	145	101	46	13	0	0	0	0	0	0	0	0	63	101	156	144	149	154	50	50	69	85	83	56	42	8	64	87	114	99	114	106	119	
W'DUTY (L/S/H)	1.43	1.43	1.44	1.67	1.17	0.66	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	1.17	1.81	1.67	1.72	1.62	0.58	0.58	0.72	0.99	0.97	0.65	0.49	0.09	0.67	1.00	1.32	1.14	1.32	1.23	1.25	

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project PANGASINAN ( RAINFALL STA = DAGUPAN ; EVAP. STA = DAGUPAN )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
RICE - RICE	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	-XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											
	XXXXZZZZZ												O+++++									XXXXZZZZZ			O+++++											

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	1	0	0	0	0	1	0	1	1	1	2	4	6	20	42	37	23	42	41	53	68	70	69	70	40	61	41	16	8	5	3	3	3	0	1	2	
EVAP. DATA	49	49	54	59	59	47	68	68	74	75	75	75	66	66	73	53	53	53	47	47	52	13	46	50	45	45	45	51	51	56	48	48	48	48	48	52	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0	
EVAP / TRANS	54	52	40	21	2	0	0	0	0	0	0	0	0	15	41	50	56	58	52	52	57	50	50	54	36	19	4	14	32	54	51	52	53	52	52	58	
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	0	14	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	20	20	20	22	
CROP WATER REQ'T.	74	72	54	27	3	0	0	0	0	0	0	0	0	43	81	97	84	86	72	72	79	70	70	76	50	27	13	41	71	102	78	77	73	72	72	80	
EFF. RAINFALL	1	0	0	0	0	0	0	0	0	0	0	0	0	8	29	37	23	42	41	53	65	66	65	66	31	24	9	7	7	5	3	3	3	0	1	2	
CROP IRRG. REQ'T.	74	72	54	27	3	0	0	0	0	0	0	0	0	38	51	60	61	43	30	19	14	4	5	10	19	3	4	34	64	97	75	74	70	72	71	78	
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ'T.	134	130	98	49	5	0	0	0	0	0	0	0	0	79	114	132	135	96	67	42	32	9	12	22	42	6	8	62	117	176	137	135	127	131	129	142	
W* DUTY (L/S/H)	1.55	1.51	1.03	0.57	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	1.20	1.53	1.56	1.11	0.78	0.49	0.34	0.11	0.14	0.23	0.49	0.06	0.09	0.72	1.36	1.86	1.58	1.56	1.47	1.52	1.49	1.49	

vvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project PANGASINAN ( RAINFALL STA.= BALUNGAO ; EVAP. STA.= DAGUPAN )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
RICE - RICE	-----XXXXXXXXXX												O+++++									-----XXXXXXXXXX			O+++++											
	-----XXXXXXXXXX												O+++++									-----XXXXXXXXXX			O+++++											
	-----XXXXXXXXXX												O+++++									-----XXXXXXXXXX			O+++++											
	-----XXXXXXXXXX												O+++++									-----XXXXXXXXXX			O+++++											
	-----XXXXXXXXXX												O+++++									-----XXXXXXXXXX			O+++++											
	-----XXXXXXXXXX												O+++++									-----XXXXXXXXXX			O+++++											

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	0	0	0	0	0	0	0	0	1	3	1	1	2	19	26	7	11	22	54	36	63	82	58	47	27	59	30	22	11	10	4	4	3	1	0	1	
EVAP. DATA	49	49	54	59	59	47	68	68	74	75	75	75	66	66	73	53	53	53	47	47	52	46	46	50	45	45	45	51	51	56	48	48	48	48	48	52	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0	0	
EVAP / TRANS	54	52	40	21	2	0	0	0	0	0	0	0	0	15	41	50	56	58	52	52	57	50	50	54	36	19	4	14	32	54	51	52	53	52	52	58	
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	0	4	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	20	20	20	22	
CROP WATER REQT.	74	72	54	27	3	0	0	0	0	0	0	0	0	43	81	97	84	86	72	72	79	70	70	76	50	27	13	41	71	102	78	77	73	72	72	80	
EFF. RAINFALL	0	0	0	0	0	0	0	0	0	0	0	0	0	8	18	7	11	22	53	36	60	70	56	47	22	23	7	9	9	10	4	4	3	1	0	1	
CROP IRRG. REQT.	74	72	54	27	3	0	0	0	0	0	0	0	0	36	62	89	73	64	18	36	19	0	14	29	28	3	6	32	63	92	75	73	70	72	72	78	
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQT.	134	131	98	49	5	0	0	0	0	0	0	0	0	80	138	198	162	142	41	80	41	0	31	64	62	7	11	58	114	168	136	136	128	130	131	142	
W'DUTY (L/S/H)	1.55	1.51	1.03	0.57	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	1.45	2.30	1.88	1.65	0.47	0.93	0.44	0.00	0.36	0.67	0.72	0.08	0.12	0.67	1.32	1.77	1.57	1.57	1.48	1.51	1.52	1.50	

vvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project ANTIQUE ( RAINFALL STA.= CULASI ; EVAP. STA.= POTOTAN )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
RICE - RICE			XXXXZZZZ																																				
			XXXXZZZZ																																				
			XXXXZZZZ																																				
			XXXXZZZZ																																				
			XXXXZZZZ																																				
			XXXXZZZZ																																				

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	7	3	3	1	2	1	1	2	1	1	2	4	1	15	27	62	43	85	55	88	97	62	70	36	39	87	21	17	20	10	10	21	14	7	5	9	
EVAP. DATA	48	48	53	55	55	44	67	67	74	71	71	71	59	59	65	55	55	55	49	49	54	49	49	54	47	47	47	46	46	50	45	45	45	45	45	49	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0	0	
EVAP / TRANS	53	51	38	19	2	0	0	0	0	0	0	0	0	13	37	52	58	60	54	54	60	54	54	58	37	20	5	13	28	48	48	49	50	49	49	54	
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	0	4	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	20	20	20	22	
CROP WATER REQ.T.	73	70	53	26	2	0	0	0	0	0	0	0	0	42	76	98	86	88	74	74	82	74	74	80	52	27	13	39	68	97	75	74	70	69	69	76	
EFF. RAINFALL	7	3	2	1	0	0	0	0	0	0	0	0	0	6	19	59	43	78	54	74	82	59	66	36	31	27	6	7	16	10	10	21	14	7	5	9	
CROP IRRG. REQ.T.	66	67	51	25	2	0	0	0	0	0	0	0	0	36	58	39	43	10	21	0	0	15	8	44	21	0	8	33	52	87	65	53	56	62	64	68	
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.T.	119	122	92	46	4	0	0	0	0	0	0	0	0	80	128	87	96	21	46	0	0	32	18	98	46	0	14	59	94	158	118	97	102	113	117	123	
W* DUTY (L/S/H)	1.38	1.41	0.97	0.53	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	1.35	1.00	1.12	0.25	0.53	0.00	0.00	0.37	0.20	1.04	0.53	0.00	0.16	0.69	1.09	1.66	1.37	1.13	1.18	1.30	1.35	1.29	

vvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project BENGUET ( RAINFALL STA. = ; EVAP. STA. = )

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	DECADE	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3		
VEGETABLES	---	zzz																									+	+	+	+	+					
		-----	zzzzz																																z	
		-----	zzzzz																																	
		-----	zzzzz																																	
		-----	zzzzz																																	

o = Land Soaking + = Land Preparation - = Crop Maintenance x = Drainage z = Harvest

RAINFALL DATA	0	0	0	0	0	0	0	0	3	6	1	6	18	41	58	55	54	36	47	36	60	90	43	66	70	37	34	49	6	9	6	4	4	5	0	0	
EVAP. DATA	27	27	30	35	35	28	39	39	43	38	38	38	30	30	33	27	27	27	26	26	28	20	20	22	26	26	26	26	26	29	27	27	27	27	27	30	
LAND SOAK / FLOOD	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	0	0	0	0	0	0	0	0	0
EVAP / TRANS	11	4	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	2	4	8	11	15	18	20	20	19	
DEEP PERCOLATION	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	0	0	0	0	0	0	0	0	
CROP WATER REQ.	11	4	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	2	4	8	11	15	18	20	20	19	
EFF. RAINFALL	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	2	4	8	6	4	4	5	2	0	
CROP IRRG. REQ.	11	4	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	1	0	5	11	14	15	20	19		
OVERALL EFF.	55	55	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	55	55	55	55	55	55	55	55	55	
DIVERSION REQ.	19	8	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	2	0	9	20	26	27	36	35		
W*DUTY (L/S/H)	0.22	0.09	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	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.11	0.23	0.30	0.31	0.41	0.37		

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project CAGAYAN ( RAINFALL STA. = ; EVAP. STA. = )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC								
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3						
CORN				zzzzz																																						
				zzzzz																																						
				zzzzz																																						
				zzzzz																																						
				zzzzz																																						
				zzzzz																																						
o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest																																										
RAINFALL DATA	2	1	1	0	1	1	1	1	2	3	3	2	4	8	22	24	17	16	11	21	21	27	28	21	15	14	26	12	26	11	15	15	11	5	5	3						
EVAP. DATA	48	48	53	58	58	47	67	67	73	80	80	80	76	76	83	66	66	66	61	61	67	57	57	62	59	59	59	55	55	61	49	49	49	46	46	50						
LAND SOAK / FLOOD	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	0	0	0	0	0	0	0	0	0					
EVAP / TRANS	44	47	52	53	45	25	19	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	19	26	30	30	28	31	40							
DEEP PERCOLATION	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	0	0	0	0	0	0	0	0	0					
CROP WATER REQ.	44	47	52	53	45	25	19	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	19	26	30	30	28	31	40								
EFF. RAINFALL	2	1	1	0	1	1	1	1	2	3	3	2	4	8	22	24	17	16	11	21	21	27	27	21	15	14	26	12	26	11	15	15	11	5	5	3						
CROP IRRG. REQ.	42	46	51	53	44	24	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	11	15	19	23	26	37								
OVERALL EFF.	55	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	55	55	55	55	55					
DIVERSION REQ.	76	84	93	96	81	44	33	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	20	27	34	42	47	67									
W*DUTY (L/S/H)	0.88	0.97	0.98	1.11	0.93	0.63	0.39	0.09	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	0.16	0.23	0.32	0.40	0.49	0.55	0.70							
vvv																																										

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project DAVAO DEL SUR PROJ. ( RAINFALL STA.= STA. CRUZ ; EVAP. STA = MIT )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC				
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3		
TOBACCO	+++++																																					
	+++++																																					
	+++++																																					
	+++++																																					
	+++++																																					
	+++++																																					
o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest																																						
RAINFALL DATA	4	4	2	9	5	3	10	3	3	5	8	18	39	35	44	36	57	56	25	21	3	21	12	26	14	10	15	18	26	8	31	9	5	10	4	7		
EVAP. DATA	50	50	55	54	54	44	55	55	60	59	59	59	53	53	58	50	50	50	45	45	50	49	49	54	50	50	50	48	48	53	48	48	48	45	45	50		
LAND SOAK / FLOOD	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	0	0	0	0	0	0	0	0	0	
EVAP / TRANS	15	8	8	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	13	16	24	32	50	63	64	52	34	
DEEP PERCOLATION	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	0	0	0	0	0	0	0	0	0	
CROP WATER REQ.	15	8	8	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	13	16	24	32	50	63	64	52	34	
EFF. RAINFALL	4	4	2	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	13	16	8	27	9	5	10	4	7	
CROP IRRG. REQ.	10	4	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	16	5	41	58	54	48	27	
OVERALL EFF.	55	55	55	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	19	7	10	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	30	9	74	105	98	87	49	
W'DUTY (L/SH)	0.22	0.08	0.11	0.00	0.02	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	0.00	0.01	0.00	0.00	0.00	0.31	0.11	0.86	1.22	1.14	1.00	0.52	

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project ILOCOS NORTE PROJ. ( RAINFALL STA = ; EVAP. STA = )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
GARLIC	zzzzz																								++++											
	zzzzz																								++++											
	zzzzz																								++++											
	zzzzz																								++++											
	zzzzz																								++++											
	zzzzz																								++++											

o = LandSoaking    += LandPreparation    -- = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	0	0	0	0	0	0	0	0	0	1	0	3	3	4	13	46	17	27	23	18	41	48	25	57	29	23	12	9	4	4	2	2	2	0	1	0	
EVAP. DATA	60	60	66	65	65	52	72	72	79	73	73	73	72	72	80	58	58	58	58	58	64	52	52	57	54	54	54	58	58	64	58	58	58	58	58	58	63
LAND SOAK / FLOOD	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	0	0	0	0	0	0	0	0	0
EVAP / TRANS	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12	20	28	29	33	36	37	37	32	
DEEP PERCOLATION	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	0	0	0	0	0	0	0	0	0
CROP WATER REQT.	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12	20	28	29	33	36	37	37	32	
EFF. RAINFALL	0	0	0	0	0	0	0	0	0	1	0	3	3	4	13	46	17	27	23	18	41	48	25	57	29	23	12	9	4	4	2	2	2	0	1	0	
CROP IRRG. REQT.	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	16	24	27	31	34	37	36	32		
OVERALL EFF.	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	55	55	55	55	55	
DIVERSION REQT.	29	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	29	43	49	56	61	67	66	57		
W'DUTY (L/S/H)	0.34	0.08	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	0.00	0.00	0.00	0.00	0.06	0.33	0.46	0.56	0.65	0.71	0.78	0.76	0.60		

vvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL



Name of Project ILOCOS PROJ. ( RAINFALL STA = ; EVAP. STA = )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
TOBACCO	<div style="display: flex; justify-content: space-between;"> <span>o = LandSoaking</span> <span>+ = LandPreparation</span> <span>- = CropMaintenance</span> <span>x = Drainage</span> <span>z = Harvest</span> </div>																																			
RAINFALL DATA	0	0	0	0	0	0	0	0	0	1	0	3	3	4	13	46	17	27	23	18	41	48	25	57	29	23	12	9	4	4	2	2	2	0	1	0
EVAP. DATA	60	60	66	65	65	52	72	72	79	73	73	73	72	72	80	58	58	58	58	58	64	52	52	57	54	54	54	58	58	64	58	58	58	58	58	63
LAND SOAK / FLOOD	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	0	0	0	0	0	0	0	0
EVAP / TRANS	30	17	10	9	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	15	21	27	39	59	75	82	71	
DEEP PERCOLATION	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	0	0	0	0	0	0	0	0
CROP WATER REQ.T.	39	17	10	9	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	15	21	27	39	59	75	82	71	
EFF. RAINFALL	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	3	6	4	4	2	2	2	0	1	0	
CROP IRRG. REQ.T.	39	17	10	9	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	11	17	25	37	57	75	81	71	
OVERALL EFF.	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.T.	72	32	18	17	12	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	21	31	45	67	104	36	148	129	
W'DUTY (L/S/H)	0.83	0.37	0.19	0.20	0.14	0.08	0.02	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	0.01	0.08	0.24	0.33	0.52	0.77	1.21	1.57	1.71	1.36	

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project ILOCOS SUR ( RAINFALL STA = ; EVAP. STA = )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC								
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3									
GARLIC				zzzzz																																						
				zzzzz																																						
				zzzzz																																						
				zzzzz																																						
				zzzzz																																						
				zzzzz																																						

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	0	0	0	0	0	0	0	0	1	1	1	1	2	8	12	28	18	37	34	35	34	76	34	64	33	21	16	9	3	4	1	2	1	0	1	0	
EVAP. DATA	50	50	55	57	57	46	65	65	72	70	70	70	67	67	73	58	58	58	51	51	56	47	47	52	48	48	48	51	51	56	49	49	49	46	46	51	
LAND SOAK / FLOOD	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	0	0	0	0	0	0	0	0	0
EVAP / TRANS	32	25	14	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12	17	22	25	27	29	33	
DEEP PERCOLATION	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	0	0	0	0	0	0	0	0	0
CROP WATER REQT.	32	25	14	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12	17	22	25	27	29	33		
EFF. RAINFALL	0	0	0	0	0	0	0	0	1	1	1	1	2	8	12	28	18	37	34	35	34	76	34	64	33	21	16	9	3	4	1	2	1	0	1	0	
CROP IRRG. REQT.	32	24	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	16	20	24	26	28	32		
OVERALL EFF.	55	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	55	55	55	55	
DIVERSION REQT.	59	44	26	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	15	29	36	43	48	50	59		
W'DUTY (L/S/H)	0.68	0.51	0.27	0.05	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	0.00	0.00	0.00	0.02	0.15	0.34	0.42	0.50	0.56	0.58	0.62		

vvv

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

Name of Project METRO MANILA ( RAINFALL STA = NAIA AIRPORT ; EVAP. STA = TIBAGAN )

UNITS : mm

MONTH	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
RICE - RICE				XXXXXZZZZZ									O+++++									XXXXXZZZZZ			O+++++														
				-XXXXZZZZZ												O+++++									-XXXXZZZZZ			O+++++											
				XXXXXZZZZZ												O+++++									XXXXXZZZZZ			O+++++											
				XXXXXZZZZZ												O+++++									XXXXXZZZZZ			O+++++											
				XXXXXZZZZZ												O+++++									XXXXXZZZZZ			O+++++											
				XXXXXZZZZZ												O+++++									XXXXXZZZZZ			O+++++											

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	0	0	0	0	0	0	0	0	0	1	1	0	1	3	3	7	26	26	26	36	61	45	28	11	16	31	27	19	14	9	5	4	2	1	0	1	
EVAP. DATA	51	51	56	66	66	53	76	76	83	81	81	81	73	73	80	49	49	49	43	43	48	40	40	44	38	38	38	45	45	50	42	42	42	46	46	51	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	24	29	8	8	0	0	0	0	0	0	0	0	7	21	31	24	8	5	0	0	0	
EVAP / TRANS	56	56	59	47	23	2	0	0	0	0	0	0	0	0	19	28	45	51	47	48	52	44	44	49	41	30	16	4	13	32	41	45	46	51	51	56	
DEEP PERCOLATION	20	20	21	13	6	1	0	0	0	0	0	0	0	0	5	12	18	20	20	20	22	20	20	22	20	14	8	2	6	14	19	20	20	20	20	22	
CROP WATER REQ.	76	76	80	60	30	3	0	0	0	0	0	0	0	0	52	63	92	79	75	68	74	64	64	71	61	45	24	13	39	76	84	72	71	71	71	78	
EFF. RAINFALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	26	26	26	36	58	45	28	11	16	24	13	5	6	7	5	4	2	1	0	1	
CROP IRRG. REQ.	76	76	80	60	30	3	0	0	0	0	0	0	0	0	51	58	66	53	49	32	16	19	36	60	45	20	11	8	34	69	80	68	69	69	70	77	
OVERALL EFF.	55	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	138	138	145	109	54	5	0	0	0	0	0	0	0	0	113	129	147	117	109	71	36	42	81	132	100	45	24	15	61	125	145	124	126	126	128	141	
W'DUTY (L/S/H)	1.60	1.59	1.53	1.26	0.62	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	1.50	1.70	1.35	1.26	0.82	0.37	0.49	0.94	1.39	1.16	0.52	0.28	0.17	0.71	1.32	1.68	1.43	1.46	1.46	1.48	1.48	

www

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

www = CRITICAL

Name of Project MINDORO OCCIDENTAL PROJECT ( RAINFALL STA = TILIK ; EVAP. STA = LA CURVA )

UNITS : mm

MONTH DECADE	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC							
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3								
RICE - RICE	xxxxzzzzz												o+++++									xxxxzzzzz			o+++++																
	-xxxxzzzzz																								-xxxxzzzzz			o+++++													
	xxxxzzzzz												o+++++												xxxxzzzzz			o+++++													
	-xxxxzzzzz																											-xxxxzzzzz			o+++++										
	xxxxzzzzz															o+++++												xxxxzzzzz			o+++++										
	-xxxxzzzzz																														-xxxxzzzzz			o+++++							

o = LandSoaking    + = LandPreparation    - = CropMaintenance    x = Drainage    z = Harvest

RAINFALL DATA	0	0	0	0	0	0	0	0	0	1	1	1	13	13	14	40	40	40	82	82	90	117	104	114	65	65	65	19	19	20	9	9	9	1	1	2	
EVAP. DATA	60	60	66	82	82	66	89	89	98	92	92	92	73	73	81	54	54	54	51	51	56	57	57	63	47	47	47	56	56	61	59	59	59	67	67	74	
LAND SOAK / FLOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	25	27	29	8	8	0	0	0	0	0	0	0	0	7	21	27	28	8	5	0	0	0	0	
EVAP / TRANS	66	64	48	29	3	0	0	0	0	0	0	0	0	16	45	50	57	59	56	58	61	63	63	68	37	19	5	16	35	59	63	64	65	74	74	81	
DEEP PERCOLATION	20	19	15	6	1	0	0	0	0	0	0	0	0	4	12	18	20	20	20	20	22	20	20	22	14	8	2	6	12	21	20	20	20	20	20	22	
CROP WATER REQ.	86	83	63	35	3	0	0	0	0	0	0	0	0	45	85	97	84	86	76	76	83	83	83	90	51	27	13	42	74	107	90	89	85	94	94	103	
EFF. RAINFALL	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	40	40	40	76	76	82	83	83	90	46	25	11	7	15	20	9	9	9	1	1	2	
CROP IRRG. REQ.	86	83	62	35	3	0	0	0	0	0	0	0	0	40	75	57	44	46	0	0	1	0	0	0	6	2	2	35	59	87	81	80	75	92	92	101	
OVERALL EFF.	55	55	55	55	55	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	55	55	55	55	55	55	55	55	55	55	55
DIVERSION REQ.	156	151	114	64	6	0	0	0	0	0	0	0	0	89	167	126	98	102	0	0	2	0	0	0	12	5	4	63	108	158	147	146	137	168	168	184	
W'DUTY (L/S/H)	1.80	1.75	1.19	0.74	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	1.76	1.46	1.13	1.18	0.00	0.00	0.02	0.00	0.00	0.00	0.14	0.05	0.04	0.73	1.25	1.66	1.70	1.68	1.59	1.94	1.94	1.94	

NOTE : Rainfall data is for 80% probability of occurrence or 4 out of 5 years.

vvv = CRITICAL

# **DATA BOOK**

## **IV GROUNDWATER DATA**

## IV. GROUNDWATER DATA

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## **GROUNDWATER DATA**

### **1. SUMMATION OF REGION**



Water Resources Region 1

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Abra	Bangued WD	0	1	0	0.000	1.463	1.463	0.000	1.463	35,450	14,410	40.6%
Abra	Dolores WD	1	0	0	0.114	0.000	0.114	0.000	0.114	9,560	1,250	13.1%
Abra	Langangilang WD	1	0	0	0.164	0.000	0.164	0.000	0.164	12,020	1,800	15.0%
Benguet	Baguio City WD	39	12	0	8.240	2.535	10.775	0.000	10.775	226,880	172,000	75.8%
Benguet	La Trinidad WD	2	1	2	0.153	0.076	0.229	0.358	0.587	63,090	18,680	29.6%
Ilocos Norte	Batac WD	11	0	0	0.220	0.000	0.220	0.000	0.220	45,530	3,430	7.5%
Ilocos Norte	Dingras WD	2	0	0	0.148	0.000	0.148	0.000	0.148	31,490	3,860	12.3%
Ilocos Norte	Ilocos Norte WD	12	2	0	3.818	0.641	4.490	0.000	4.490	187,900	67,120	35.7%
Ilocos Norte	San Nicolas WD	3	0	0	1.144	0.000	1.144	0.000	1.144	29,080	19,880	68.4%
Ilocos Norte	Sarrat WD	1	8	0	0.018	0.140	0.158	0.000	0.158	21,300	6,000	28.2%
Ilocos Sur	Metro Vigan WD	4	2	0	0.721	0.361	1.082	0.000	1.082	85,990	24,790	28.8%
Ilocos Sur	Narvacan WD	1	0	0	0.175	0.000	0.175	0.000	0.175	35,490	1,920	5.4%
Ilocos Sur	Santa WD	1	0	0	0.183	0.000	0.183	0.000	0.183	12,800	2,050	16.0%
Ilocos Sur	Sta. Lucia WD	3	0	0	0.123	0.000	0.123	0.000	0.123	20,340	3,050	15.0%
Ilocos Sur	Tagudin WD	4	0	0	0.785	0.000	0.785	0.000	0.785	30,700	11,330	36.9%
La Union	Agoo WD	2	0	0	0.196	0.000	0.196	0.000	0.196	47,720	6,200	13.0%
La Union	Balaoan WD	1	1	0	0.186	0.186	0.372	0.000	0.372	31,420	5,670	18.0%
La Union	Metro La Union WD	14	1	2	2.215	0.158	2.374	1.082	3.456	222,050	65,340	29.4%
La Union	Naguihan WD	3	1	0	0.206	0.069	0.274	0.000	0.274	39,990	6,590	16.5%
La Union	Rosario WD	1	3	0	0.058	0.173	0.230	0.000	0.230	38,380	4,790	12.5%
Total of Region		106	32	4	18.897	5.803	24.700	1.440	26.140	1,227,180	410,160	35.9%





NATIONAL WATER RESOURCES BOARD

WATER DISTRICT GROUNDWATER DATA IN 1995

Water Resources Region 2

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Cagayan	Appari WD	7	0	0	0.159	0.000	0.159	0.000	0.159	53,640	4,510	8.4%
Cagayan	Claveria WD	1	0	0	0.074	0.000	0.074	0.000	0.074	25,360	2,580	10.2%
Cagayan	Gattaran WD	2	0	0	0.091	0.000	0.091	0.000	0.091	44,030	1,020	2.3%
Cagayan	Gonzaga WD	1	0	0	0.146	0.000	0.146	0.000	0.146	28,000	3,210	11.5%
Cagayan	Solana WD	2	0	0	0.218	0.000	0.218	0.000	0.218	60,350	4,630	7.7%
Cagayan	Tuguegarao WD	4	3	0	1.349	1.012	2.361	0.000	2.361	107,280	35,710	33.3%
Isabela	Alicia WD	3	0	0	0.264	0.000	0.264	0.000	0.264	52,670	5,110	9.7%
Isabela	Angadanan WD	1	0	0	0.085	0.000	0.085	0.000	0.085	33,150	2,390	7.2%
Isabela	Cabagan WD	2	0	0	0.547	0.000	0.547	0.000	0.547	35,050	4,970	14.2%
Isabela	Cauayan WD	3	0	0	0.657	0.000	0.657	0.000	0.657	92,680	12,500	13.5%
Isabela	Hagan WD	2	0	0	0.422	0.000	0.422	0.000	0.422	106,910	11,090	10.4%
Isabela	Ramon WD	4	0	0	0.051	0.000	0.051	0.000	0.051	35,890	1,310	3.7%
Isabela	Roxas WD	1	0	0	0.312	0.000	0.312	0.000	0.312	45,190	6,400	14.2%
Isabela	Santiago WD	13	0	0	1.559	0.000	1.559	0.000	1.559	154,660	26,290	17.0%
Isabela	Tumauini WD	1	0	0	0.211	0.000	0.211	0.000	0.211	45,550	4,390	9.6%
Quirino	Diffan WD	1	0	0	0.071	0.000	0.071	0.000	0.071	36,050	2,810	7.8%
Total of Region		48	3	0	6.217	1.012	7.229	0.000	7.229	956,460	128,920	13.5%



Water Resources Region 3

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Bataan	Bagac WD	3	0	0	1.168	0.000	1.168	0.000	1.168	20,910	6,750	32.3%
Bataan	Balanga WD	9	0	0	5.334	0.000	5.334	0.000	5.334	60,910	33,430	54.9%
Bataan	Dinalupihan WD	4	0	0	1.718	0.000	1.718	0.000	1.718	65,160	17,120	26.3%
Bataan	Hermosa WD	1	0	0	0.118	0.000	0.118	0.000	0.118	38,760	1,820	4.7%
Bataan	Limay WD	3	0	0	0.273	0.000	0.273	0.000	0.273	40,090	2,220	5.5%
Bataan	Mariveles WD	6	0	0	5.044	0.000	5.044	0.000	5.044	76,630	56,330	73.5%
Bataan	Morong WD	2	0	0	0.631	0.000	0.631	0.000	0.631	18,730	1,970	10.5%
Bataan	Orani WD	4	0	0	2.993	0.000	2.993	0.000	2.993	48,700	19,200	39.4%
Bataan	Orion WD	6	0	0	1.278	0.000	1.278	0.000	1.278	39,540	10,280	26.0%
Bulacan	Angat WD	4	0	0	0.766	0.000	0.766	0.000	0.766	39,040	20,230	51.8%
Bulacan	Balagtas WD	6	0	0	1.032	0.000	1.032	0.000	1.032	49,210	13,230	26.9%
Bulacan	Baliuag WD	15	0	0	4.055	0.000	4.055	0.000	4.055	103,050	34,640	33.6%
Bulacan	Bocaue WD	10	0	0	1.651	0.000	1.651	0.000	1.651	69,720	37,590	53.9%
Bulacan	Bulacan WD	7	0	0	1.318	0.000	1.318	0.000	1.318	54,240	31,400	57.9%
Bulacan	Bustos WD	5	0	0	0.905	0.000	0.905	0.000	0.905	41,370	20,690	50.0%
Bulacan	Calumpit WD	3	0	0	1.577	0.000	1.577	0.000	1.577	70,840	35,130	49.6%
Bulacan	Hagonoy WD	9	0	0	2.824	0.000	2.824	0.000	2.824	99,420	47,000	47.3%
Bulacan	Malolos WD	21	0	0	1.759	0.000	1.759	0.000	1.759	147,410	18,970	12.9%
Bulacan	Marilao WD	5	0	0	0.905	0.000	0.905	0.000	0.905	68,760	13,510	19.6%
Bulacan	Meycauayan WD	7	0	0	1.462	0.000	1.462	0.000	1.462	137,080	27,930	20.4%
Bulacan	Norzagaray WD	2	0	0	0.385	0.000	0.385	0.000	0.385	51,020	6,000	11.8%
Bulacan	Obando WD	3	0	0	0.346	0.000	0.346	0.000	0.346	51,490	4,440	8.6%
Bulacan	Pandi WD	3	0	0	0.162	0.000	0.162	0.000	0.162	40,520	3,300	8.1%
Bulacan	Plaridel WD	2	0	0	0.564	0.000	0.564	0.000	0.564	66,360	4,730	7.1%
Bulacan	San Ildefonso WD	1	0	0	0.239	0.000	0.239	0.000	0.239	69,320	4,560	6.6%
Bulacan	San Jose del Monte WD	8	0	0	2.779	0.000	2.779	0.000	2.779	201,390	39,160	19.4%
Bulacan	San Miguel WD	4	0	0	0.360	0.000	0.360	0.000	0.360	108,150	6,090	5.6%
Bulacan	San Rafael WD	1	0	0	0.183	0.000	0.183	0.000	0.183	58,390	2,000	3.4%
Bulacan	Sta Maria WD	3	0	0	0.584	0.000	0.584	0.000	0.584	101,070	7,410	7.3%
Nueva Ecija	Bongabon WD	1	0	0	0.193	0.000	0.193	0.000	0.193	44,860	1,200	2.7%
Nueva Ecija	Cabanatuan City WD	11	0	0	8.218	0.000	8.218	0.000	8.218	201,030	151,070	75.1%
Nueva Ecija	Cuyapo WD	1	0	0	0.183	0.000	0.183	0.000	0.183	49,790	2,380	4.8%
Nueva Ecija	Gapan WD	3	0	0	1.271	0.000	1.271	0.000	1.271	77,740	27,880	35.9%
Nueva Ecija	Gen. Tinio WD	2	0	0	0.605	0.000	0.605	0.000	0.605	32,910	14,710	44.7%
Nueva Ecija	Guimba WD	2	0	0	0.708	0.000	0.708	0.000	0.708	77,940	9,710	12.5%
Nueva Ecija	Jaen WD	1	0	0	0.606	0.000	0.606	0.000	0.606	53,540	5,950	11.1%



Water Resources Region 3

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Nueva Ecija	Munoz WD	2	0	0	1.292	0.000	1.292	0.000	1.292	60,160	15,570	25.9%
Nueva Ecija	Penaranda WD	1	0	0	0.210	0.000	0.210	0.000	0.210	22,660	4,120	18.2%
Nueva Ecija	San Antonio WD	2	0	0	0.588	0.000	0.588	0.000	0.588	56,130	8,830	15.7%
Nueva Ecija	San Jose City WD	1	1	0	0.826	0.826	1.653	0.000	1.653	96,860	38,820	40.1%
Nueva Ecija	Sta Rosa WD	1	0	0	0.263	0.000	0.263	0.000	0.263	47,520	3,750	7.9%
Nueva Ecija	Talavera WD	2	0	0	1.040	0.000	1.040	0.000	1.040	85,800	19,350	22.6%
Pampanga	Angeles City WD	12	0	0	19.053	0.000	19.053	0.000	19.053	234,010	92,710	39.6%
Pampanga	Floridablanca WD	2	0	0	0.572	0.000	0.572	0.000	0.572	76,680	11,940	15.6%
Pampanga	Guagua WD	6	0	0	2.745	0.000	2.745	0.000	2.745	95,360	57,010	59.8%
Pampanga	Lubao WD	4	0	0	0.585	0.000	0.585	0.000	0.585	109,670	9,680	8.8%
Pampanga	Mabalacat WD	9	0	0	2.424	0.000	2.424	0.000	2.424	129,990	31,870	24.5%
Pampanga	Macabebe WD	2	0	0	0.652	0.000	0.652	0.000	0.652	59,470	8,470	14.2%
Pampanga	Masantol WD	2	0	0	0.664	0.000	0.664	0.000	0.664	45,330	6,260	13.8%
Pampanga	San Fernando WD	12	0	0	5.439	0.000	5.439	0.000	5.439	193,030	107,700	55.8%
Pangasinan	Alaminos WD	2	2	0	1.035	1.035	2.070	0.000	2.070	84,250	30,360	36.0%
Pangasinan	Alcala WD	1	0	0	0.389	0.000	0.389	0.000	0.389	31,970	7,950	24.9%
Pangasinan	Asingan WD	1	0	0	0.110	0.000	0.110	0.000	0.110	46,650	4,530	9.7%
Pangasinan	Bani WD	0	1	0	0.600	0.292	0.292	0.000	0.292	37,460	7,940	21.2%
Pangasinan	Bayambang WD	2	0	0	0.600	0.000	0.600	0.000	0.600	82,910	17,040	20.6%
Pangasinan	Binalonan WD	2	0	0	0.455	0.000	0.455	0.000	0.455	44,490	6,910	15.5%
Pangasinan	Binmaley WD	5	0	0	0.662	0.000	0.662	0.000	0.662	62,380	26,950	43.2%
Pangasinan	Dagupan City WD	15	0	0	5.346	0.000	5.346	0.000	5.346	126,210	93,190	73.8%
Pangasinan	Lingayen WD	5	0	0	0.977	0.000	0.977	0.000	0.977	161,810	34,890	21.6%
Pangasinan	Manaoag WD	2	0	0	0.631	0.000	0.631	0.000	0.631	49,710	15,090	30.4%
Pangasinan	Mangaldan WD	3	0	0	1.230	0.000	1.230	0.000	1.230	73,350	28,160	38.4%
Pangasinan	Pozorrubio WD	1	0	0	0.216	0.000	0.216	0.000	0.216	52,380	6,750	12.9%
Pangasinan	Rosales WD	1	0	0	0.378	0.000	0.378	0.000	0.378	47,620	7,590	15.9%
Pangasinan	San Carlos City WD	3	0	0	0.572	0.000	0.572	0.000	0.572	134,040	27,000	20.1%
Pangasinan	San Nicolas WD	2	0	0	0.120	0.000	0.120	0.000	0.120	29,060	4,060	14.0%
Pangasinan	Umingan WD	1	0	0	0.301	0.000	0.301	0.000	0.301	51,690	4,540	8.8%
Pangasinan	Urbiztondo WD	1	0	0	0.183	0.000	0.183	0.000	0.183	35,750	2,530	7.1%
Pangasinan	Urdaneta WD	3	0	0	1.340	0.000	1.340	0.000	1.340	100,260	16,080	16.0%
Pangasinan	Villasis WD	2	0	0	0.422	0.000	0.422	0.000	0.422	49,660	11,750	23.7%
Tarlac	Camiling WD	2	0	0	0.483	0.000	0.483	0.000	0.483	65,340	8,040	12.3%
Tarlac	Concepcion WD	3	0	0	0.618	0.000	0.618	0.000	0.618	101,240	10,290	10.2%
Tarlac	Gerona WD	1	0	0	0.187	0.000	0.187	0.000	0.187	61,740	4,600	7.2%



Water Resources Region 3

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Tarlac	Mayantoc WD	1	0	0	0.022	0.000	0.022	0.000	0.022	22,950	1,040	4.5%
Tarlac	Moncada WD	4	0	0	0.372	0.000	0.372	0.000	0.372	65,340	9,920	15.2%
Tarlac	Paniqui WD	5	0	0	1.026	0.000	1.026	0.000	1.026	70,980	16,280	22.9%
Tarlac	Tarlac WD	9	0	0	6.497	0.000	6.497	0.000	6.497	230,460	60,200	26.1%
Zambales	Cabangan WD	1	0	0	0.073	0.000	0.073	0.000	0.073	17,230	970	5.6%
Zambales	Candelaria WD	2	0	0	0.365	0.000	0.365	0.000	0.365	20,200	3,250	16.1%
Zambales	Iba WD	3	0	0	0.912	0.000	0.912	0.000	0.912	31,500	8,450	26.8%
Zambales	Masinloc WD	0	0	1	0.000	0.000	0.000	0.885	0.885	34,940	12,620	36.1%
Zambales	Olongapo City WD	5	1	2	11.749	2.350	14.098	0.104	14.202	179,750	173,430	96.5%
Zambales	San Antonio WD	2	1	0	0.356	0.178	0.535	0.000	0.535	25,770	9,730	37.8%
Zambales	San Felipe WD	2	0	0	0.218	0.000	0.218	0.000	0.218	16,840	9,580	56.9%
Zambales	San Narciso WD	1	0	0	0.040	0.000	0.040	0.000	0.040	21,650	830	3.8%
Zambales	Sta. Cruz WD	2	0	0	0.474	0.000	0.474	0.000	0.474	43,620	3,900	8.9%
Zambales	Subic WD	4	2	0	1.473	0.737	2.210	0.000	2.210	57,100	23,010	40.3%
<b>Total of Region</b>		<b>337</b>	<b>8</b>	<b>3</b>	<b>130.382</b>	<b>5.418</b>	<b>135.800</b>	<b>0.939</b>	<b>136.739</b>	<b>6,258,060</b>	<b>1,865,560</b>	<b>29.8%</b>



Water Resources Region 4

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Aurora	Baler WD	0	1	0	0.000	0.077	0.077	0.000	0.077	26,920	1,650	6.1%
Aurora	Dipaculao WD	0	1	0	0.000	0.052	0.052	0.000	0.052	21,040	2,650	12.6%
Batangas	Agoncillo WD	8	0	0	0.230	0.000	0.230	0.000	0.230	23,360	7,000	30.0%
Batangas	Alitagtag WD	2	0	0	0.183	0.000	0.183	0.000	0.183	18,640	5,150	27.6%
Batangas	Bafayan WD	2	0	0	1.514	0.000	1.514	0.000	1.514	62,240	6,920	11.1%
Batangas	Batangas City WD	13	0	0	11.830	0.000	11.830	0.000	11.830	211,880	76,270	36.0%
Batangas	Lemery WD	1	1	0	0.282	0.282	0.563	0.000	0.563	58,070	6,310	10.9%
Batangas	Lipa City WD	135	6	0	7.005	0.311	7.316	0.000	7.316	222,390	120,590	54.2%
Batangas	Lobo WD	1	0	0	0.183	0.000	0.183	0.000	0.183	31,850	3,000	9.4%
Batangas	Mabini WD	9	0	0	0.312	0.000	0.312	0.000	0.312	48,400	4,870	10.1%
Batangas	Nasugbu WD	2	0	0	0.561	0.000	0.561	0.000	0.561	83,870	10,400	12.4%
Batangas	Rosario WD	3	0	0	0.260	0.000	0.260	0.000	0.260	74,980	3,990	5.3%
Batangas	San Juan WD	3	0	0	0.227	0.000	0.227	0.000	0.227	71,910	5,250	7.3%
Batangas	Sto. Tomas WD	4	2	0	0.174	0.087	0.262	0.000	0.262	65,760	6,320	9.6%
Batangas	Taal WD	2	1	0	0.501	0.251	0.752	0.000	0.752	38,720	8,550	22.1%
Batangas	Tanauan WD	46	1	0	2.901	0.063	2.965	0.000	2.965	103,870	27,440	26.4%
Batangas	Taysan WD	2	0	0	0.158	0.000	0.158	0.000	0.158	26,500	900	3.4%
Batangas	Tuy WD	2	0	0	0.181	0.000	0.181	0.000	0.181	32,450	3,750	11.6%
Cavite	Dasmariñas WD	30	1	0	6.043	0.201	6.244	0.000	6.244	262,410	151,000	57.5%
Cavite	Gen. E. Aguinaldo WD	1	0	0	0.183	0.000	0.183	0.000	0.183	11,890	1,730	14.6%
Cavite	Gen. M. Alvarez WD	5	0	0	1.577	0.000	1.577	0.000	1.577	86,820	21,230	24.5%
Cavite	Indang WD	0	1	0	0.000	0.232	0.232	0.000	0.232	42,770	6,840	16.0%
Cavite	Maragondon WD	2	0	0	1.261	0.000	1.261	0.000	1.261	25,830	4,740	18.4%
Cavite	Mendez WD	2	0	0	0.883	0.000	0.883	0.000	0.883	20,320	4,700	23.1%
Cavite	Silang WD	12	1	0	2.379	0.198	2.577	0.000	2.577	124,060	13,090	10.6%
Cavite	Tagaytay City WD	3	0	0	0.839	0.000	0.839	0.000	0.839	29,420	9,930	33.8%
Cavite	Tanza WD	1	0	0	0.315	0.000	0.315	0.000	0.315	77,840	3,600	4.6%
Laguna	Alaminos WD	4	1	0	0.371	0.093	0.464	0.000	0.464	31,440	11,880	37.8%
Laguna	Calamba WD	8	1	0	4.793	0.599	5.393	0.000	5.393	218,950	74,510	34.0%
Laguna	Laguna WD	5	1	3	2.261	0.452	2.714	2.080	4.794	145,920	66,770	45.8%
Laguna	Pagsanjan WD	2	2	0	0.457	0.457	0.914	0.000	0.914	29,000	15,000	51.7%
Laguna	Pakil WD	0	1	0	0.000	0.473	0.473	0.000	0.473	15,660	2,130	13.6%
Laguna	San Pablo City WD	3	8	0	0.353	0.942	1.295	0.000	1.295	183,760	81,830	44.5%
Laguna	San Pedro WD	6	0	0	2.413	0.000	2.413	0.000	2.413	189,330	43,840	23.2%
Laguna	Siniloan WD	1	1	0	0.166	0.166	0.331	0.000	0.331	26,910	6,460	24.0%
Laguna	Sta. Cruz WD	6	0	0	1.671	0.000	1.671	0.000	1.671	86,980	12,260	14.1%



Water Resources Region 4

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Laguna	Sta. Maria WD	1	0	0	0.167	0.000	0.167	0.000	0.167	22,300	3,820	17.1%
Marinduque	Sta. Cruz WD	6	2	0	0.505	0.168	0.673	0.000	0.673	56,990	13,870	24.3%
Metro Manila	MWSS	109	0	3	26.881	0.000	26.881	949.100	975.981	11,425,000	7,291,480	63.8%
Occidental Mindoro	Sablayan WD	1	0	0	0.189	0.000	0.189	0.000	0.189	55,570	4,110	7.4%
Occidental Mindoro	San Jose WD	14	0	0	0.870	0.000	0.870	0.000	0.870	128,360	14,780	11.5%
Oriental Mindoro	Naujan WD	1	0	0	0.303	0.000	0.303	0.000	0.303	75,730	2,080	2.7%
Oriental Mindoro	Pinamalayan WD	0	0	1	0.000	0.000	0.000	0.749	0.749	65,900	10,140	15.4%
Oriental Mindoro	Pola WD	0	2	0	0.000	0.130	0.130	0.000	0.130	29,160	2,870	9.8%
Oriental Mindoro	Roxas WD	2	0	0	0.114	0.000	0.114	0.000	0.114	34,050	3,130	9.2%
Palawan	Aborlan WD	0	1	0	0.000	0.072	0.072	0.000	0.072	21,650	1,880	8.7%
Palawan	Pto. Princesa City WD	13	1	3	1.149	0.088	1.238	2.480	3.718	129,580	33,210	25.6%
Palawan	Roxas WD	1	0	0	0.370	0.000	0.370	0.000	0.370	44,370	3,660	8.2%
Quezon	Atimonan WD	0	1	0	0.000	0.143	0.143	0.000	0.143	54,280	2,090	3.9%
Quezon	Calauag WD	0	3	0	0.000	0.347	0.347	0.000	0.347	60,940	8,430	13.8%
Quezon	Candelaria WD	2	1	0	0.352	0.176	0.528	0.000	0.528	80,730	12,000	14.9%
Quezon	Catanauan WD	1	0	0	0.087	0.000	0.087	0.000	0.087	52,420	1,900	3.6%
Quezon	Dolores WD	0	2	1	0.000	0.103	0.103	0.212	0.315	20,750	3,500	16.9%
Quezon	Guinayangan WD	0	3	0	0.000	0.379	0.379	0.000	0.379	36,780	6,210	16.9%
Quezon	Infanta-Gen Nakar WD	0	2	1	0.000	0.309	0.309	0.826	1.135	60,890	4,040	6.6%
Quezon	Lopez WD	0	5	0	0.000	0.725	0.725	0.000	0.725	75,340	12,080	16.0%
Quezon	Mauban WD	2	2	0	0.224	0.224	0.449	0.000	0.449	47,440	4,030	8.5%
Quezon	Quezon Miero WD	0	5	0	0.000	29.565	29.565	0.000	29.565	291,800	105,720	36.2%
Quezon	Tagkawayan WD	0	0	1	0.000	0.000	0.000	0.339	0.339	40,870	7,800	19.1%
Quezon	Tiaong WD	1	1	0	0.079	0.079	0.158	0.000	0.158	67,400	2,650	3.9%
Quezon	Unisan WD	0	1	0	0.000	0.079	0.079	0.000	0.079	21,510	1,200	5.6%
Rizal	Morong WD	2	0	0	1.041	0.000	1.041	0.000	1.041	36,050	13,470	37.4%
Rizal	Pitilla WD	3	0	0	0.694	0.000	0.694	0.000	0.694	38,080	7,380	19.4%
Rizal	Tanay WD	5	0	0	2.006	0.000	2.006	0.000	2.006	69,180	19,500	28.2%
Rizal	Teresa WD	1	0	0	0.089	0.000	0.089	0.000	0.089	23,910	1,540	6.4%
Romblon	Odiongan WD	0	1	0	0.000	0.416	0.416	0.000	0.416	35,530	5,620	15.8%
Romblon	Romblon WD	1	5	0	0.129	0.644	0.772	0.000	0.772	34,290	6,000	17.5%
Romblon	San Agustin WD	0	0	1	0.000	0.000	0.000	0.222	0.222	20,160	2,720	13.5%
Total of Region		492	69	14	87.716	38.584	126.300	956.069	1082.369	16,089,170	8,445,460	52.5%



Water Resources Region 5

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Albay	Bacay WD	1	1	0	0.158	0.158	0.315	0.000	0.315	56,300	5,360	9.5%
Albay	Camalig WD	0	3	0	0.000	0.233	0.233	0.000	0.233	53,130	4,900	9.2%
Albay	Daraga WD	4	3	0	0.565	0.423	0.988	0.000	0.988	91,830	23,110	25.2%
Albay	Legaspi City WD	13	4	0	3.688	1.135	4.823	0.000	4.823	141,660	39,870	28.1%
Albay	Ligao-Oas WD	1	1	0	0.975	0.975	1.951	0.000	1.951	137,340	22,500	16.4%
Albay	Pio Doran WD	1	0	0	0.183	0.090	0.183	0.000	0.183	41,850	3,690	8.8%
Albay	Tabaco WD	1	5	0	0.532	2.661	3.193	0.000	3.193	96,990	36,830	38.0%
Camarines Norte	Camarines Norte WD	3	3	0	1.845	1.845	3.690	0.000	3.690	279,830	59,620	21.3%
Camarines Norte	Capalonga WD	1	0	0	0.183	0.000	0.183	0.000	0.183	25,340	2,360	9.3%
Camarines Norte	Paracale WD	1	0	2	0.239	0.000	0.239	0.966	1.205	43,820	6,090	13.9%
Camarines Sur	Baao WD	1	0	0	0.341	0.000	0.341	0.000	0.341	41,370	6,850	16.6%
Camarines Sur	Balatan WD	0	1	0	0.000	0.220	0.220	0.000	0.220	21,080	1,910	9.1%
Camarines Sur	Bato WD	2	0	0	0.203	0.000	0.203	0.000	0.203	38,770	3,650	9.4%
Camarines Sur	Calabanga WD	2	1	0	0.210	0.105	0.315	0.000	0.315	59,160	2,820	4.8%
Camarines Sur	Iriga City WD	1	2	0	0.580	1.160	1.741	0.000	1.741	82,480	26,860	32.6%
Camarines Sur	Metro Naga WD	9	2	0	4.309	0.958	5.267	0.000	5.267	162,650	71,090	43.7%
Camarines Sur	Nabua WD	1	0	0	0.161	0.000	0.161	0.000	0.161	66,000	3,610	5.5%
Camarines Sur	Pasacad WD	0	1	0	0.000	0.162	0.162	0.000	0.162	36,070	3,600	10.0%
Camarines Sur	Pili WD	2	1	0	0.292	0.146	0.438	0.000	0.438	61,520	14,740	24.0%
Camarines Sur	Segay WD	0	4	0	0.000	0.479	0.479	0.000	0.479	44,150	4,320	9.8%
Camarines Sur	Sipocot WD	0	11	0	0.000	0.451	0.451	0.000	0.451	53,390	9,280	17.4%
Camarines Sur	Tigaon-Sangay WD	0	3	0	0.000	0.569	0.569	0.000	0.569	65,720	8,550	13.0%
Camarines Sur	Tinambac WD	1	0	0	0.183	0.000	0.183	0.000	0.183	49,190	4,660	9.5%
Catanduanes	Bato WD	0	2	1	0.000	0.020	0.020	0.205	0.225	16,540	4,620	27.9%
Catanduanes	Pandan WD	1	1	0	0.233	0.233	0.465	0.000	0.465	15,730	5,100	32.4%
Catanduanes	San Andres WD	1	1	0	0.095	0.095	0.189	0.000	0.189	30,240	2,990	9.9%
Catanduanes	Virac WD	0	1	1	0.000	0.200	0.200	1.011	1.211	49,910	25,000	50.1%
Masbate	Masbate WD	1	0	1	0.020	0.000	0.020	0.106	0.126	66,050	6,080	9.2%
Masbate	Milagros WD	0	1	0	0.000	0.018	0.018	0.000	0.018	38,930	250	0.6%
Masbate	San Pascual WD	1	1	0	0.091	0.091	0.183	0.000	0.183	34,710	3,310	9.6%
Sorsogon	Bulan WD	0	1	0	0.000	1.891	1.891	0.000	1.891	74,220	13,830	18.6%
Sorsogon	Casiguran WD	0	1	0	0.000	0.411	0.411	0.000	0.411	25,800	8,350	32.5%
Sorsogon	Donsol WD	2	0	0	0.725	0.000	0.725	0.000	0.725	36,010	4,800	13.3%
Sorsogon	Gubat WD	8	3	2	0.310	0.116	0.427	0.243	0.670	49,720	16,250	32.7%
Sorsogon	Matnog WD	1	0	0	0.131	0.000	0.131	0.000	0.131	29,310	1,360	4.6%
Sorsogon	Pilar WD	1	0	0	0.473	0.000	0.473	0.000	0.473	51,320	5,810	11.3%



NATIONAL WATER RESOURCES BOARD

WATER DISTRICT GROUNDWATER DATA IN 1995

Water Resources Region 5

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year				Population	PopServed	Ratio	
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater				Total
Sorsogon	Sorsogon WD	1	5	0	0.220	1.101	1.321	0.000	1.321	83,010	25,250	30.4%
	Total of Region	62	63	7	16.943	15.857	32.800	2.532	35.332	2,351,140	489,310	20.8%





Water Resources Region 6

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Aklan	Ibajay WD	1	0	0	0.031	0.000	0.031	0.000	0.031	36,180	1,200	3.3%
Aklan	Kalibo WD	4	0	0	2.795	0.000	2.795	0.000	2.795	58,070	52,980	91.2%
Aklan	Libacao WD	1	0	0	0.095	0.000	0.095	0.000	0.095	22,810	1,270	5.6%
Aklan	Malinao WD	1	0	0	0.063	0.000	0.063	0.000	0.063	21,510	1,860	8.6%
Aklan	Numancia WD	1	0	0	0.946	0.000	0.946	0.000	0.946	43,960	15,470	35.2%
Antique	Barbara WD	0	1	0	0.000	0.331	0.331	0.000	0.331	17,310	5,180	29.9%
Antique	Bugasong WD	1	0	0	0.088	0.000	0.088	0.000	0.088	26,720	2,880	10.8%
Antique	Culasi WD	0	1	0	0.000	0.137	0.137	0.000	0.137	30,430	3,890	12.8%
Antique	Hamtic WD	1	0	0	0.316	0.000	0.316	0.000	0.316	36,170	1,490	4.1%
Antique	Patnongon WD	1	0	0	0.080	0.000	0.080	0.000	0.080	29,240	2,410	8.2%
Antique	Sibalon WD	1	0	0	0.203	0.000	0.203	0.000	0.203	46,140	1,620	3.5%
Antique	Tobias Fornier WD	1	1	0	0.047	0.047	0.094	0.000	0.094	26,160	2,270	8.7%
Capiz	Dumarao WD	0	1	0	0.000	0.095	0.095	0.000	0.095	38,040	1,630	4.3%
Capiz	Panitan WD	1	0	0	0.379	0.000	0.379	0.000	0.379	33,270	2,330	7.0%
Capiz	Pilar WD	0	1	0	0.000	0.063	0.063	0.000	0.063	36,460	1,180	3.2%
Capiz	Pontevedra WD	1	0	0	0.284	0.000	0.284	0.000	0.284	38,220	3,900	10.2%
Capiz	Roxas City WD	0	0	1	0.000	0.000	0.000	2.342	2.342	157,840	45,000	28.5%
Guimaras	Buenavista WD	1	1	0	0.142	0.142	0.284	0.000	0.284	37,680	5,850	15.5%
Guimaras	Jordan WD	1	1	0	0.110	0.110	0.221	0.000	0.221	25,320	1,920	7.6%
Guimaras	Nueva Valencia WD	0	3	0	0.000	0.158	0.158	0.000	0.158	27,160	1,430	5.3%
Iloilo	Ajuy WD	0	0	3	0.000	0.000	0.000	0.024	0.024	38,420	2,370	6.2%
Iloilo	Alimodian WD	1	0	0	0.158	0.000	0.158	0.000	0.158	29,180	3,530	12.1%
Iloilo	Anilao WD	1	1	0	0.036	0.036	0.073	0.000	0.073	20,710	1,960	9.5%
Iloilo	Barotac Nuevo WD	3	0	0	0.370	0.000	0.370	0.000	0.370	40,970	8,810	21.5%
Iloilo	Barotac Viejo WD	1	0	0	0.183	0.000	0.183	0.000	0.183	33,650	3,170	26.2%
Iloilo	Concepcion WD	1	0	0	0.183	0.000	0.183	0.000	0.183	30,110	2,990	9.9%
Iloilo	Dingle-Pototan WD	0	1	0	0.000	0.631	0.631	0.000	0.631	91,980	13,450	14.6%
Iloilo	Duenas WD	1	0	0	0.032	0.000	0.032	0.000	0.032	28,950	1,110	3.8%
Iloilo	Dumangas WD	2	0	0	1.892	0.000	1.892	0.000	1.892	51,090	7,820	15.3%
Iloilo	Estancia WD	2	0	0	0.110	0.000	0.110	0.000	0.110	30,670	2,720	8.9%
Iloilo	Leon WD	2	0	0	0.146	0.000	0.146	0.000	0.146	41,040	3,700	9.0%
Iloilo	Metro Iloilo WD	7	2	2	5.862	1.675	7.537	0.000	7.537	472,590	113,830	24.1%
Iloilo	Miagao WD	0	0	1	0.000	0.000	0.000	0.219	0.219	52,280	2,400	4.6%
Iloilo	New Lucena WD	1	0	0	0.158	0.000	0.158	0.000	0.158	16,870	2,800	16.6%
Iloilo	Oton WD	1	0	0	0.183	0.000	0.183	0.000	0.183	56,820	5,210	9.2%
Iloilo	Passi WD	1	2	0	0.053	0.106	0.158	0.000	0.158	59,540	2,000	3.4%



Water Resources Region 6

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Negros Occidental	Bacolod City WD	23	1	0	16.085	0.699	16.785	0.000	16.785	402,350	130,460	32.4%
Negros Occidental	Bago City WD	1	1	0	0.331	0.331	0.662	0.000	0.662	132,340	6,090	4.6%
Negros Occidental	Binalbagan WD	2	0	0	0.694	0.000	0.694	0.000	0.694	54,660	12,760	23.3%
Negros Occidental	Cadiz City WD	3	0	0	0.347	0.000	0.347	0.000	0.347	125,940	91,210	72.4%
Negros Occidental	Escalante WD	1	1	0	0.126	0.126	0.252	0.000	0.252	79,930	5,580	7.0%
Negros Occidental	Himamaylan WD	1	2	0	0.095	0.189	0.284	0.000	0.284	83,270	6,250	7.5%
Negros Occidental	Hinigaran WD	1	0	0	0.061	0.000	0.061	0.000	0.061	71,520	2,100	2.9%
Negros Occidental	Ilog WD	0	2	0	0.000	0.063	0.063	0.000	0.063	43,910	890	2.0%
Negros Occidental	Kabankalan WD	1	1	0	0.867	0.867	1.734	0.000	1.734	139,280	12,600	9.0%
Negros Occidental	La Carlota City WD	1	2	0	0.746	1.493	2.239	0.000	2.239	56,410	22,630	40.1%
Negros Occidental	La Castellana WD	0	3	0	0.000	0.095	0.095	0.000	0.095	59,620	2,280	3.8%
Negros Occidental	Manapla WD	1	0	0	0.189	0.000	0.189	0.000	0.189	44,300	4,290	9.7%
Negros Occidental	Pontevedra WD	1	0	0	0.245	0.000	0.245	0.000	0.245	42,440	2,100	4.9%
Negros Occidental	Sagay WD	3	0	0	1.010	0.000	1.010	0.000	1.010	128,370	15,600	12.2%
Negros Occidental	Silay City WD	3	0	0	1.261	0.000	1.261	0.000	1.261	122,750	17,410	14.2%
Negros Occidental	Talisay WD	2	0	0	0.640	0.000	0.640	0.000	0.640	68,400	13,010	19.0%
Negros Occidental	Victorias WD	2	0	0	0.662	0.000	0.662	0.000	0.662	78,280	17,080	21.8%
Total of Region		87	29	7	38.302	7.394	45.697	2.585	48.282	3,617,330	695,970	19.2%



Water Resources Region 7

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Bohol	Candijay WD	1	0	0	0.227	0.000	0.227	0.000	0.227	25,730	1,430	5.6%
Bohol	Clarín WD	0	3	0	0.000	0.285	0.285	0.000	0.285	15,960	5,120	32.1%
Bohol	León WD	1	0	0	0.295	0.000	0.295	0.000	0.295	32,720	5,330	16.3%
Bohol	Talibon WD	1	0	0	0.118	0.000	0.118	0.000	0.118	44,850	2,290	5.1%
Cebu	Barili WD	1	0	0	0.183	0.000	0.183	0.000	0.183	52,060	4,780	9.2%
Cebu	Bohobon WD	0	1	0	0.000	0.158	0.158	0.000	0.158	26,020	4,940	19.0%
Cebu	Carcar WD	0	2	0	0.000	5.172	5.172	0.000	5.172	78,730	20,000	25.4%
Cebu	Dalaguete WD	0	1	0	0.000	0.195	0.195	0.000	0.195	48,780	6,180	12.7%
Cebu	Madridejos WD	1	0	0	0.292	0.000	0.292	0.000	0.292	26,510	7,660	28.9%
Cebu	Metro Cebu WD	19	0	1	51.970	0.000	51.970	0.670	52.640	1,157,470	300,000	25.9%
Cebu	Moalboal WD	0	1	0	0.000	0.290	0.290	0.000	0.290	22,020	6,980	31.7%
Cebu	Panamungajan WD	1	0	0	0.164	0.000	0.164	0.000	0.164	44,010	6,680	15.2%
Cebu	Treco WD	3	1	0	4.106	1.369	5.475	0.000	5.475	121,470	12,000	9.9%
Negros Oriental	Bais City WD	1	0	0	0.174	0.000	0.174	0.000	0.174	63,360	9,470	14.9%
Negros Oriental	Bayawan WD	0	3	0	0.000	2.131	2.131	0.000	2.131	90,950	21,120	23.2%
Negros Oriental	Dumaguete City WD	6	0	1	0.673	0.000	0.673	2.962	3.635	92,640	71,250	76.9%
Negros Oriental	Sibulaa WD	0	1	0	0.000	0.409	0.409	0.000	0.409	31,210	3,590	11.5%
Negros Oriental	Tanjay WD	1	1	0	0.679	0.679	1.357	0.000	1.357	65,630	18,990	28.9%
Siquijor	Metro Siquijor WD	2	3	0	0.333	0.499	0.832	0.000	0.832	57,680	8,520	14.8%
<b>Total of Region</b>		<b>38</b>	<b>17</b>	<b>2</b>	<b>59.213</b>	<b>11.187</b>	<b>70.400</b>	<b>3.632</b>	<b>74.032</b>	<b>2,097,800</b>	<b>516,330</b>	<b>24.6%</b>



Water Resources Region 8

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Biliran	Naval WD	0	1	0	0.000	1.303	1.303	0.000	1.303	45,660	20,000	43.8%
Eastern Samar	Borongan WD	0	1	0	0.000	0.158	0.158	0.000	0.158	48,640	4,040	8.3%
Eastern Samar	Lorente WD	0	1	0	0.000	0.315	0.315	0.000	0.315	16,070	3,040	18.9%
Leyte	Abuyog WD	1	0	0	0.242	0.000	0.242	0.000	0.242	48,910	4,810	9.8%
Leyte	Baybay WD	1	1	0	0.568	0.568	1.137	0.000	1.137	86,180	18,100	21.0%
Leyte	Calubian WD	1	0	0	0.018	0.000	0.018	0.000	0.018	31,070	550	1.8%
Leyte	Isabel WD	1	0	0	0.237	0.000	0.237	0.000	0.237	36,130	6,500	18.0%
Leyte	Jaro WD	1	0	0	0.040	0.000	0.040	0.000	0.040	32,730	890	2.7%
Leyte	Leyte Metro WD	0	0	1	0.000	0.000	0.000	9.511	9.511	314,080	177,130	56.4%
Leyte	Matalom WD	1	0	0	0.110	0.000	0.110	0.000	0.110	28,230	2,830	10.0%
Leyte	Merida WD	0	1	0	0.000	0.064	0.064	0.000	0.064	23,820	1,880	7.9%
Leyte	Metro Hilongos WD	3	0	0	0.396	0.000	0.396	0.000	0.396	97,120	9,060	9.3%
Leyte	Metro Carigara WD	0	1	1	0.000	0.346	0.346	0.612	0.958	101,390	18,100	17.9%
Leyte	Palompon WD	2	1	0	0.438	0.219	0.657	0.000	0.657	50,320	15,000	29.8%
Leyte	San Isidro WD	1	0	0	0.073	0.000	0.073	0.000	0.073	33,200	2,000	6.0%
Northern Samar	Cataman WD	1	0	0	0.190	0.000	0.190	0.000	0.190	61,710	500	0.8%
Southern Leyte	Maasin WD	1	1	0	0.338	0.338	0.676	0.000	0.676	63,750	9,460	14.8%
Southern Leyte	Sogod WD	0	3	0	0.000	0.187	0.187	0.000	0.187	31,060	3,640	11.7%
Western Samar	Basey WD	1	0	1	0.000	0.000	0.000	0.045	0.045	40,410	2,370	5.9%
Western Samar	Calbayog City WD	0	0	1	0.000	0.000	0.000	0.277	0.277	129,220	9,160	7.1%
Western Samar	Calbiga WD	1	0	0	0.073	0.000	0.073	0.000	0.073	18,070	1,690	9.4%
Western Samar	Catbalogan WD	2	0	1	0.078	0.000	0.078	0.570	0.648	91,810	18,000	19.6%
Total of Region		18	11	5	2.802	3.498	6.300	11.015	17.315	1,429,280	328,750	23.0%



Water Resources Region 9

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Basilan	Isabela WD	0	2	0	0.000	2.018	2.018	0.000	2.018	68,560	20,540	30.0%
Basilan	Lamitan WD	0	1	0	0.000	1.703	1.703	0.000	1.703	54,430	32,400	59.5%
Basilan	Maluso WD	0	1	0	0.000	0.158	0.158	0.000	0.158	26,840	1,800	6.7%
Sulu	Jolo Mainland WD	0	2	0	0.000	4.446	4.446	0.000	4.446	76,950	32,410	42.1%
Tawi-Tawi	Bangao WD	6	0	0	1.545	0.000	1.545	0.000	1.545	46,670	8,800	18.9%
Zamboanga del Norte	Dapitan City WD	0	0	1	0.000	0.000	0.000	0.189	0.189	63,000	2,530	4.0%
Zamboanga del Norte	Dipolog City WD	3	0	0	0.842	0.000	0.842	0.000	0.842	90,780	19,400	21.4%
Zamboanga del Norte	Liloy WD	7	0	0	0.252	0.000	0.252	0.000	0.252	32,420	3,000	9.3%
Zamboanga del Norte	Polanco WD	3	0	0	0.568	0.000	0.568	0.000	0.568	31,700	1,750	5.5%
Zamboanga del Norte	Pres. Roxas WD	1	0	0	0.154	0.000	0.154	0.000	0.154	31,660	1,540	4.9%
Zamboanga del Norte	Rizal WD	1	0	0	0.158	0.000	0.158	0.000	0.158	14,360	1,800	12.5%
Zamboanga del Norte	Sindangan WD	1	0	0	0.315	0.000	0.315	0.000	0.315	72,100	4,800	6.7%
Zamboanga del Norte	Siocon WD	1	0	0	0.226	0.000	0.226	0.000	0.226	28,200	3,570	12.7%
Zamboanga del Sur	Ipil WD	1	0	0	0.158	0.000	0.158	0.000	0.158	43,990	3,960	9.0%
Zamboanga del Sur	Kimalarang WD	0	1	0	0.000	0.045	0.045	0.000	0.045	24,450	2,730	11.2%
Zamboanga del Sur	Pagadian City WD	1	0	0	2.230	0.000	2.230	0.000	2.230	125,180	25,760	20.6%
Zamboanga del Sur	Tukuran WD	0	1	0	0.000	0.095	0.095	0.000	0.095	30,510	480	1.6%
Zamboanga del Sur	Zamboanga City WD	3	0	1	15.488	0.000	15.488	8.726	24.213	511,140	321,000	62.8%
<b>Total of Region</b>		<b>28</b>	<b>8</b>	<b>2</b>	<b>21.935</b>	<b>8.465</b>	<b>30.400</b>	<b>8.915</b>	<b>39.315</b>	<b>1,372,940</b>	<b>488,270</b>	<b>35.6%</b>



Water Resources Region 10

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Agusan del Norte	Buenavista WD	2	0	0	0.183	0.000	0.183	0.000	0.183	45,010	3,930	8.7%
Agusan del Norte	Butuan City WD	7	0	0	3.065	0.000	3.065	0.000	3.065	247,070	80,790	32.7%
Agusan del Norte	Nasipit WD	1	1	0	0.285	0.285	0.569	0.000	0.569	34,260	22,540	65.8%
Agusan del Norte	Tubay WD	1	0	0	0.073	0.000	0.073	0.000	0.073	16,670	1,530	9.2%
Agusan del Sur	Banawan WD	0	1	0	0.000	0.073	0.073	0.000	0.073	24,620	1,730	7.0%
Agusan del Sur	Prosperidad WD	0	2	0	0.000	0.239	0.239	0.000	0.239	61,800	3,410	5.6%
Agusan del Sur	San Francisco WD	0	1	0	0.000	1.075	1.075	0.000	1.075	50,840	15,300	30.1%
Bukidnon	Don Carlos WD	2	0	0	0.204	0.000	0.204	0.000	0.204	51,080	12,940	25.3%
Bukidnon	Kibawe WD	3	0	1	0.002	0.000	0.002	0.091	0.092	30,780	2,650	8.6%
Bukidnon	Malaybalay WD	0	0	1	0.000	0.000	0.000	1.824	1.824	112,280	26,520	23.6%
Bukidnon	Manolo Fortich WD	2	1	0	0.318	0.159	0.476	0.000	0.476	67,400	6,130	9.1%
Bukidnon	Maramag WD	0	1	0	0.000	0.507	0.507	0.000	0.507	62,670	9,410	15.0%
Bukidnon	Vafencia WD	3	2	0	0.824	0.549	1.373	0.000	1.373	128,620	29,660	23.1%
Camiguin	Mambajao WD	0	3	0	0.000	1.324	1.324	0.600	1.324	27,770	8,560	30.8%
Misamis Occidental	Misamis Occidental WD	2	2	0	2.144	2.144	4.289	0.000	4.289	222,650	40,630	18.2%
Misamis Occidental	Tangub WD	5	1	0	0.342	0.068	0.410	0.000	0.410	46,000	6,900	15.0%
Misamis Oriental	Cagayan de Oro City WD	14	1	0	26.720	1.909	28.628	0.000	28.628	428,310	365,100	85.2%
Misamis Oriental	Claveria WD	0	2	0	0.000	0.126	0.126	0.000	0.126	39,020	3,720	9.5%
Misamis Oriental	Gingoog City WD	4	0	0	1.055	0.000	1.055	0.000	1.055	87,530	21,070	24.1%
Surigao del Norte	Bacuag WD	0	1	0	0.000	0.383	0.383	0.000	0.383	12,310	2,400	19.5%
Surigao del Norte	Mainit WD	1	0	0	0.073	0.000	0.073	0.000	0.073	21,780	2,150	9.9%
Surigao del Norte	Metro Surigao WD	1	2	1	0.053	0.105	0.158	1.130	1.288	104,910	44,550	42.5%
Surigao del Norte	Placer WD	0	2	0	0.000	0.318	0.318	0.000	0.318	20,710	4,900	23.7%
Total of Region		48	23	3	35.338	9.264	44.603	3.045	47.647	1,944,090	716,550	36.9%



Water Resources Region 11

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year				Population	PopServed	Ratio	
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater				Total
Davao del Norte	Nabunturan WD	2	0	0	0.757	0.000	0.757	0.000	0.757	56,580	10,960	19.4%
Davao del Norte	New Corella WD	1	0	0	0.073	0.000	0.073	0.000	0.073	41,620	1,730	4.2%
Davao del Norte	Panabo WD	1	0	0	0.126	0.000	0.126	0.000	0.126	130,590	15,520	11.9%
Davao del Norte	Tagum WD	1	0	0	3.374	0.000	3.374	0.000	3.374	156,590	60,000	38.3%
Davao del Sur	Bansalan WD	1	1	0	0.331	0.331	0.662	0.000	0.662	48,890	11,950	24.4%
Davao del Sur	Davao City WD	33	0	1	37.907	0.000	37.907	9.856	47.762	1,006,840	793,970	78.9%
Davao del Sur	Digos WD	1	0	0	0.916	0.000	0.916	0.000	0.916	106,570	18,000	16.9%
Davao del Sur	Hagonoy WD	1	0	0	0.073	0.000	0.073	0.000	0.073	41,750	1,730	4.1%
Davao del Sur	Kiblawan WD	1	0	0	0.073	0.000	0.073	0.000	0.073	36,380	1,490	4.1%
Davao Oriental	Baganga WD	1	0	0	0.073	0.000	0.073	0.000	0.073	39,750	1,730	4.4%
Davao Oriental	Lupon WD	2	0	0	0.183	0.000	0.183	0.000	0.183	50,670	4,800	9.5%
Davao Oriental	Mati WD	1	0	0	0.362	0.000	0.362	0.000	0.362	93,800	8,150	8.7%
Davao Oriental	San Isidro WD	1	0	0	0.315	0.000	0.315	0.000	0.315	30,280	6,880	22.7%
Surigao del Sur	Bislig WD	0	2	1	0.000	1.000	1.000	1.312	2.312	103,670	44,590	43.0%
Surigao del Sur	Cagwait WD	0	1	0	0.000	0.127	0.127	0.000	0.127	17,000	2,560	15.1%
Surigao del Sur	Cantlan WD	0	2	0	0.000	0.100	0.100	0.000	0.100	24,060	5,050	21.0%
Surigao del Sur	Hinatuan WD	1	0	0	0.376	0.000	0.376	0.000	0.376	34,600	9,010	26.0%
Surigao del Sur	Linaaga WD	0	2	0	0.000	0.379	0.379	0.000	0.379	25,010	13,080	52.3%
Surigao del Sur	Lingig WD	0	0	1	0.000	0.000	0.000	0.073	0.073	23,450	2,100	8.9%
Surigao del Sur	Tagbina WD	3	0	0	0.095	0.000	0.095	0.000	0.095	32,300	3,900	12.1%
Surigao del Sur	Tandag WD	0	0	1	0.000	0.000	0.000	0.433	0.433	39,220	11,300	28.8%
Total of Region		51	8	4	45.064	1.936	47.000	11.674	58.674	2,139,650	1,028,500	48.1%



Water Resources Region 12

Province	Water District	Number of facilities			Quantity of water in million cubic meter per year					Population	PopServed	Ratio
		Well	Spring	Surface	DeepWell	Spring	SubTotal	SurfaceWater	Total			
Lanao del Norte	Bacolod WD	1	0	0	0.397	0.000	0.397	0.000	0.397	16,450	2,030	12.3%
Lanao del Norte	Kauswagan WD	4	1	0	0.126	0.032	0.158	0.000	0.158	18,390	2,000	10.9%
Lanao del Norte	Linamon WD	0	1	0	0.000	0.473	0.473	0.000	0.473	14,530	3,390	23.3%
Lanao del Norte	Tubod-Baroy WD	1	0	0	0.073	0.000	0.073	0.000	0.073	62,650	2,210	3.5%
Lanao del Sur	Marawi City WD	4	0	0	1.662	0.000	1.662	0.000	1.662	114,390	18,000	15.7%
Maguindanao	Cotabato City WD	1	1	0	2.559	2.559	5.118	0.000	5.118	146,780	103,530	70.5%
North Cotabato	Kabacan WD	2	0	0	0.442	0.000	0.442	0.000	0.442	61,480	9,000	14.6%
North Cotabato	Mlang WD	1	0	0	0.237	0.000	0.237	0.000	0.237	71,850	5,220	7.3%
North Cotabato	Metro Kidapawan WD	0	3	0	0.000	3.627	3.627	0.000	3.627	184,140	40,330	21.9%
North Cotabato	Midsayap WD	1	0	0	0.315	0.000	0.315	0.000	0.315	133,970	8,970	6.7%
North Cotabato	Pigkawayan WD	1	0	0	0.036	0.000	0.036	0.000	0.036	46,790	480	1.0%
North Cotabato	Pikit WD	1	0	0	0.122	0.000	0.122	0.000	0.122	57,910	370	0.6%
Sarangani	Glan WD	1	0	0	0.110	0.000	0.110	0.000	0.110	73,770	3,040	4.1%
South Cotabato	Gen. Santos WD	1	0	0	0.473	0.000	0.473	0.000	0.473	327,170	8,510	2.6%
South Cotabato	Koronadal WD	1	0	0	0.158	0.000	0.158	0.000	0.158	118,230	2,930	2.5%
South Cotabato	Norala WD	1	0	0	0.126	0.000	0.126	0.000	0.126	39,690	1,020	2.6%
South Cotabato	Palomolok WD	4	0	0	0.946	0.000	0.946	0.000	0.946	96,270	20,670	21.5%
South Cotabato	Surallah WD	2	0	0	0.252	0.000	0.252	0.000	0.252	61,510	1,180	1.9%
South Cotabato	Tupi WD	2	0	0	0.189	0.000	0.189	0.000	0.189	46,650	810	1.7%
Sultan Kudarat	Kalamansig WD	1	0	0	0.133	0.000	0.133	0.000	0.133	35,900	1,360	3.8%
Sultan Kudarat	Sultan Kudarat WD	1	0	0	0.757	0.000	0.757	0.000	0.757	178,040	16,490	9.3%
Total of Region		31	6	0	9.113	6.690	15.803	0.000	15.803	1,906,570	251,540	13.2%