III.3.4 Changes of Ground Levels in Namushakende Verification Farm

(1) Objective of the investigation

Considering the location of the Namushakende verification farm near the plain edge and on mainly Sishanjo soil which is characterized by soft muck and peat layers, the occurrence of land subsidence may be common. Ground level measurements have, therefore, been carried out several times since the completion of the farm.

These results would be applicable to the estimation of the degree of subsidence of newly developed farm land located on sites similar to the Sishanjo.

(2) Conditions of observation sites

E-fields and M-fields at the Namushakende verification farm were selected as observation sites to measure the changes of ground level elevations. The soils of these fields are mainly muck and peat, 50 to 150 cm thick, overlying sand. Depths of the earth cutting at the field construction time were approximately 5 ~ 10 cm. Prior to the improvement of the drainage canals, the drainage conditions of the sites were very poor with high groundwater table.

The construction of the fields were completed between February and December, 1989.

(3) Changes of ground level elevations

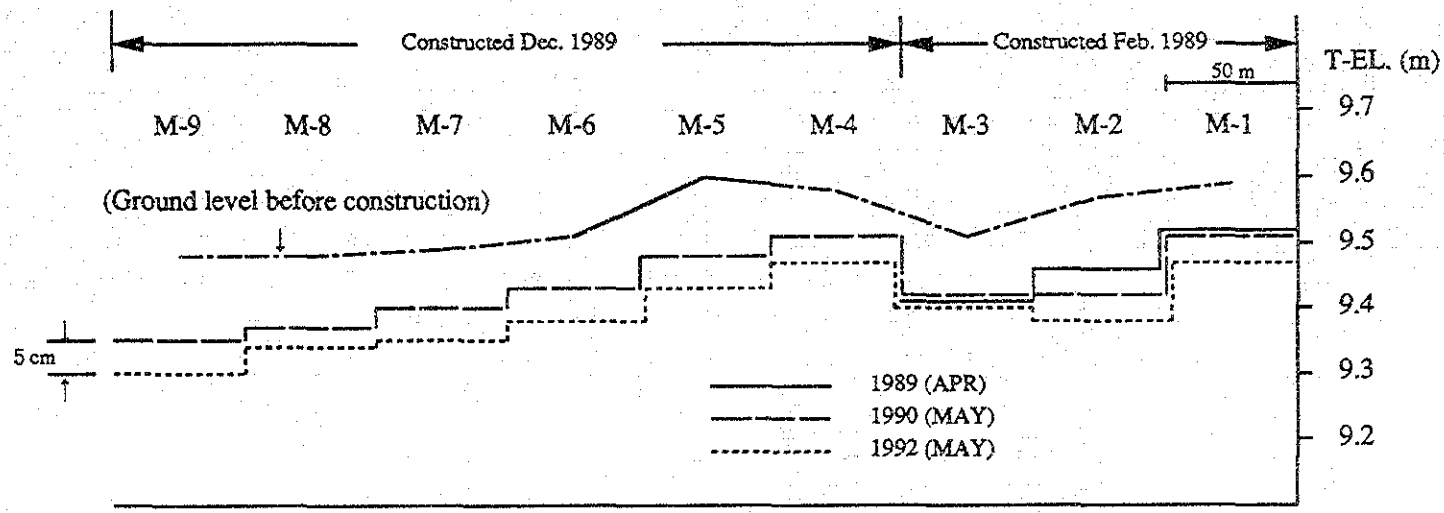
Ground level elevations measured in April 1989, May 1990 and May 1992 for each field show changes as illustrated in Figure III.3.1. The average subsidence was 5 cm only (maximum 8 cm) at both E and M-fields.

As for the elevations of farm roads which were constructed with an average filling height of 80 cm above the field levels, the maximum subsidence was 23 cm during the three years from April 1989 to May 1992, owing to the consolidation of the filling load and to the erosion of the road surface by wind.

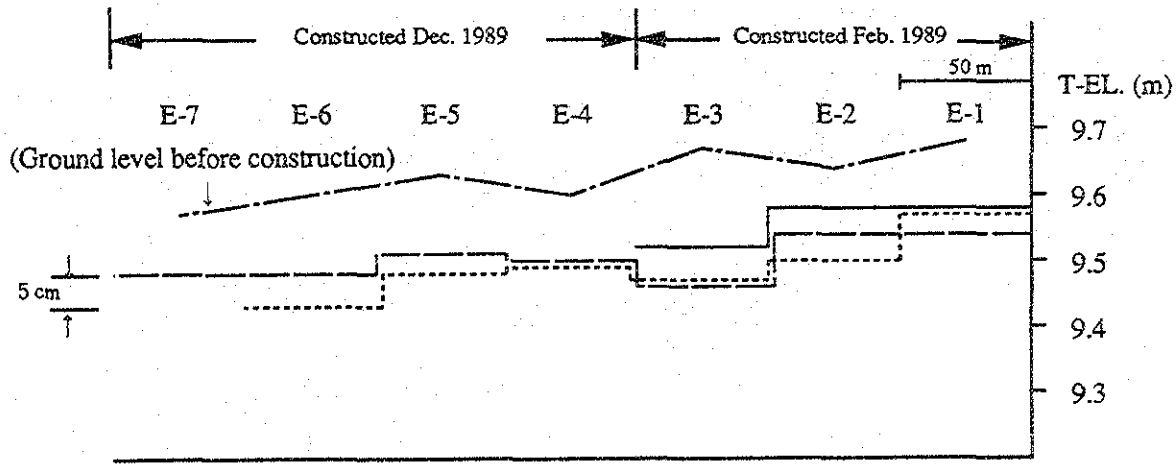
(4) General considerations

It is presumed that the degree of subsidence at the Namushakende farm land located on Sishanjo soil is negligible, despite the drop of the groundwater table by the farm drains, due mainly to a shallow peat much surface lays overlying very deep sand (resisting compaction) and the small fluctuation characterizing the groundwater table in this area.

The subsidence level recorded on the farm roads even though not being sensible, maintenance works such as earth filling on the road surface and sodding on the slopes is occasionally required to keep good and/on stable road conditions. This is also applicable to other canal embankments.



(A) Field - M



(B) Field - E

Figure III.3.1 Changes of Ground Level Elevation at Namushakende Verification Farm

Table III.4.1 Water Level Records of Little Zambezi at Matongo (from 1971/72 to 1991/92)

Table III.4.1 (1) Water Level Records of Little Zambezi at Matongo

1971/72 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.53	1009.45	1009.82	1010.32	1011.47	1011.39	1012.93	1013.18	1012.63	1010.92	1010.03	1009.59	
5	1009.48	1009.45	1009.87	1010.54	1011.53	1011.54	1013.02	1013.11	1012.46	1010.72	1009.99	1009.53	Max : 1013.24m 20/04/72
10	1009.42	1009.48	1009.88	1010.84	1011.42	1011.77	1013.07	1013.05	1012.24	1010.51	1009.90	1009.48	Min : 1009.36m 18/10/72
15	1009.39	1009.48	1009.93	1010.74	1011.30	1012.06	1013.16	1012.99	1012.00	1010.41	1009.79	1009.45	
20	1009.36	1009.56	1010.00	1011.22	1011.31	1012.32	1013.24	1012.92	1011.63	1010.31	1009.73	1009.38	
25	1009.39	1009.70	1010.16	1011.34	1011.35	1012.61	1013.24	1012.79	1011.24	1010.20	1009.68	1009.33	
30/31	1009.45	1009.82	1010.31	1011.44	1011.38	1012.87	1013.18	1012.67	1011.01	1010.06	1009.61	1009.30	

1972/73 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.30	1009.30	1009.36	1009.97	1011.15	1011.65	1012.78	1012.72	1011.44	1009.94	1009.55	-	
5	1009.24	1009.27	1009.39	1010.05	1011.16	1011.88	1012.81	1012.63	1011.02	1009.91	1009.48	-	Max : 1012.84m 10/04/73
10	1009.27	1009.35	1009.44	1010.26	1011.19	1012.17	1012.84	1012.49	1010.69	1009.82	1009.45	-	Min : 1009.24m 05/10/72
15	1009.27	1009.41	1009.58	1010.52	1011.28	1012.47	1012.84	1012.37	1010.40	1009.76	1009.39	-	Min : 1009.24m 31/08/73
20	1009.27	1009.45	1009.70	1010.77	1011.30	1012.61	1012.84	1012.18	1010.26	1009.67	1009.33	-	
25	1009.27	1009.42	1009.87	1010.93	1011.48	1012.72	1012.78	1011.97	1010.09	1009.62	1009.30	-	
30/31	1009.30	1009.39	1009.97	1011.12	1011.62	1012.78	1012.72	1011.51	1009.97	1009.55	1009.24	-	

1973/74 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.01	1009.01	1009.27	1010.07	1011.80	1013.34	1013.36	1013.55	1012.61	1010.97	1010.05	-	
5	1008.98	1009.06	1009.30	1010.20	1011.86	1013.36	1013.42	1013.47	1012.45	1010.79	1009.99	-	Max : 1013.64m 24/04/74
10	1008.97	1009.09	1009.39	1010.61	1012.45	1013.33	1013.42	1013.33	1012.21	1010.60	1009.92	-	Min : 1008.94m 16/10/73
15	1008.97	1009.16	1009.57	1010.89	1012.82	1013.27	1013.50	1013.18	1011.93	1010.45	-	1009.93	
20	1009.03	1009.20	1009.81	1011.15	1012.99	1013.24	1013.61	1013.03	1011.59	1010.31	-	1009.88	
25	1008.97	1009.24	1009.88	1011.38	1013.23	1013.30	1013.63	1012.85	1011.22	1010.20	-	1009.83	
30/31	1008.97	1009.27	1010.00	1011.77	1013.32	1013.35	1013.57	1012.65	1011.04	1010.08	-	1009.77	

Table III.4.1 (2) Water Level Records of Little Zambezi at Matongo

1974/75 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	-	1009.11	1009.40	1011.06	1013.37	1013.75	1014.35	1013.63	1012.75	1011.47	1010.33	-	
5	-	1009.12	1009.62	1011.36	1013.49	1013.78	1014.35	1013.48	1012.63	1011.27	1010.23	1009.71	Max : 1014.36m 03/04/75
10	-	1009.16	1009.86	1011.74	1013.55	1013.84	1014.30	1013.32	1012.46	1011.07	1010.11	1009.65	Min : 1009.08m 24/10/74
15	-	1009.22	1010.13	1012.16	1013.62	1014.04	1014.21	1013.18	1011.96	-	1010.01	1009.60	
20	-	1009.25	1010.34	1012.91	1013.76	1014.19	1014.01	1013.06	1012.05	-	1009.93	1009.53	
25	1009.09	1009.30	1010.52	1013.10	1013.73	1014.25	1013.85	1012.95	1011.80	1010.52	1009.86	1009.48	
30/31	1009.11	1009.39	1010.95	1013.29	1013.76	1014.35	1013.68	1012.79	1011.54	1010.35	-	1009.73	

1975/76 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.42	1009.21	1009.29	1010.24	1011.42	1013.50	1014.27	1014.17	1013.25	1012.28	1010.93	1010.14	
5	1009.39	1009.22	1009.34	1010.33	1011.62	1013.66	1014.20	1014.12	1013.16	1012.11	1010.77	1010.07	Max : 1014.27m 01/04/76
10	1009.33	1009.23	1009.52	1010.58	1011.91	1013.79	1014.14	1013.97	1013.00	1011.91	1010.62	1009.98	Min : 1009.21m 01/11/75
15	1009.29	1009.22	1009.70	1010.81	1012.38	1013.88	1014.10	1013.83	1012.85	1011.68	1010.49	1009.89	
20	1009.27	1009.22	1009.82	1010.91	1012.79	1014.05	1014.12	1013.67	1012.67	1011.44	1010.38	-	
25	1009.25	1009.26	1009.93	1011.17	1013.26	1014.18	1014.15	1013.52	1012.49	1011.19	1010.28	1009.75	
30/31	1009.21	1009.28	1010.21	1011.38	1013.45	1014.27	1014.18	-	1012.31	1010.97	1010.16	1009.73	

1976/77 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.73	1009.77	1009.84	1010.89	1011.78	1013.15	1013.70	1013.86	-	1011.74	1010.54	1009.99	
5	1009.76	1009.79	1009.84	1011.01	1012.00	1013.22	1013.68	1013.84	1012.84	1011.54	1010.45	1009.90	Max : 1013.86m 01/05/77
10	1009.84	1009.77	1009.95	1011.13	1012.38	1013.34	1013.69	1013.75	1012.68	1011.28	1010.34	-	Min : 1009.56m 29/09/77
15	1009.87	1009.76	1010.12	1011.19	1012.78	1013.44	1013.70	1013.56	1012.43	1011.06	1010.25	-	
20	1009.88	1009.77	1010.34	1011.31	1013.02	1013.57	1013.77	1013.37	1012.22	-	1010.16	1009.72	
25	1009.83	1009.79	1010.58	1011.45	1013.06	1013.66	1013.83	1013.21	1012.01	1010.70	1010.09	1009.58	
30/31	1009.78	1009.83	1010.86	1011.72	1013.14	1013.71	1013.86	1013.00	1011.79	1010.56	1010.01	1009.56	

Table III.4.1 (3) Water Level Records of Little Zambezi at Matongo

1977/78 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.55	1009.34	1009.52	1010.95	1012.46	1013.26	-	1013.75	1013.43	1012.40	1011.11	1010.63	
5	1009.54	1009.34	1009.64	1011.10	1012.64	1013.37	1014.44	1014.29	1013.30	1012.25	-	1010.59	Max : 1014.57m 20/04/78
10	1009.53	1009.30	1009.79	1011.34	1012.70	1013.70	1014.50	1014.16	1013.14	1012.05	-	1010.51	Min : 1009.28m 12/11/77
15	1009.50	1009.28	1010.05	1011.58	1012.88	1013.89	1014.55	1014.00	1012.94	1011.83	-	1010.47	
20	1009.43	1009.31	1010.28	1011.80	1013.03	1014.08	1014.57	1013.83	1012.76	1011.62	1010.84	1010.39	
25	1009.39	1009.42	1010.62	1011.84	1013.21	1014.21	1014.53	1013.69	1012.59	1011.38	1010.72	1010.34	
30/31	1009.34	1009.51	1010.89	1012.34	1013.26	1014.29	1014.43	1013.47	1012.44	1011.15	1010.64	1010.25	

1978/79 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1010.23	1010.07	-	1011.88	1013.04	1013.71	1014.24	1014.03	1012.90	1011.77	-	1010.27	
5	1010.17	1010.21	-	1012.13	1013.09	1013.75	1014.36	1013.84	1012.77	1011.62	-	1010.24	Max : 1014.55m 12/04/79
10	1010.12	1010.43	-	1012.46	1013.18	1013.90	1014.53	1013.65	1012.60	1011.41	1010.60	1010.17	Min : 1009.85m 30/09/79
15	1009.98	1010.63	-	1012.61	1013.33	1014.00	1014.53	1013.48	1012.44	1011.24	1010.50	1010.08	
20	1010.00	1010.78	1011.22	1012.78	1013.54	1014.07	1014.43	1013.31	1012.23	1011.09	1010.42	1010.01	
25	1010.04	1010.90	1011.47	1012.93	1013.63	1014.14	1014.26	1013.14	1012.04	-	1010.39	1009.93	
30/31	1010.06	1010.98	1011.83	1013.04	1013.68	1014.24	1014.06	1012.93	1011.81	-	1010.30	1009.85	

1979/80 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.84	1010.17	1010.98	1012.52	1013.50	1013.80	1014.09	1013.65	1012.71	1011.45	1010.61	1010.11	
5	1010.06	1010.23	1011.08	1012.83	1013.45	1013.86	1014.07	1013.58	1012.57	1011.29	1010.55	1010.05	Max : 1014.09m 02/04/80
10	1009.98	1010.22	1011.34	1013.25	1013.45	1013.89	1014.02	1013.48	1012.37	1011.13	1010.48	1009.98	Min : 1009.71m 30/09/80
15	1009.95	1010.38	1011.36	1013.52	1013.51	1013.93	1013.93	1013.34	1012.15	-	1010.40	1009.91	
20	1009.99	1010.55	1011.64	1013.62	1013.59	1014.00	1013.82	1013.17	1011.94	-	1010.31	1009.83	
25	1010.09	1010.70	1011.97	1013.62	1013.71	1014.08	1013.74	1013.00	1011.71	-	1010.23	1009.77	
30/31	1010.16	1010.92	1012.41	1013.52	1013.78	1014.09	1013.66	1012.76	1011.53	-	1010.13	1009.71	

Table III.4.1 (4) Water Level Records of Little Zambezi at Matongo

1980/81 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.70	1009.66	1010.21	1010.90	-	1012.81	1013.79	1013.87	1012.75	1011.37	-	1010.02	
5	1009.66	1009.71	1010.37	1011.00	-	1013.10	1013.82	1013.72	1012.60	1011.20	-	1009.97	Max : 1014.06m 21/04/81
10	1009.62	1009.79	1010.48	1011.10	-	1013.44	1013.88	1013.53	1012.39	-	-	1009.94	Min : 1009.52m 23/10/80
15	1009.57	1009.82	1010.56	1011.28	-	1013.52	1013.98	1013.35	1012.14	-	1010.27	1009.91	
20	1009.53	1009.84	1010.65	1011.34	-	1013.64	1014.05	1013.17	1011.90	-	1010.19	1009.83	
25	1009.54	1009.92	1010.74	1011.37	-	1013.74	1014.03	1012.99	1011.65	-	1010.10	1009.72	
30/31	1009.64	1010.16	1010.89	1011.46	-	1013.79	1013.91	1012.79	1011.43	-	1010.02	1009.66	

1981/82 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.65	1009.49	1009.78	1010.14	1011.10	1012.02	-	1012.81	1012.00	-	1010.06	1009.66	
5	1009.61	1009.48	1009.87	1010.29	1011.21	1012.15	-	1012.76	1011.75	-	1009.99	1009.63	Max : 1013.18m 28/03/82
10	1009.58	1009.46	1009.98	1010.45	1011.37	1012.35	-	1012.68	1011.45	-	1009.93	1009.59	Min : 1009.39m 30/09/82
15	1009.55	1009.45	1010.02	1010.62	1011.48	1012.56	-	1012.58	1011.17	-	1009.87	1009.55	
20	1009.55	1009.48	1010.02	1010.86	1011.62	1012.78	-	1012.46	-	-	1009.81	1009.52	Data for Apr.andJul.are not
25	1009.52	1009.61	1010.07	1010.98	1011.80	1013.01	-	1012.29	-	-	1009.74	1009.44	available
30/31	1009.49	1009.73	1010.14	1011.10	1011.96	1013.17	-	1012.08	-	-	1009.67	1009.39	

1982/83 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.37	1009.54	-	1011.33	1011.69	1012.67	1012.65	1012.63	1011.55	1010.29	1009.86	1009.63	
5	1009.35	1009.58	-	1011.37	1011.77	1012.69	1012.68	1012.55	1011.15	1010.22	1009.82	1009.59	Max : 1012.81m 14/04/83
10	1009.32	1009.56	-	1011.44	1011.92	1012.74	1012.74	1012.45	1010.85	1010.15	1009.76	1009.55	Min : 1009.30m 30/09/83
15	1009.37	1009.61	-	1011.43	1012.14	1012.71	1012.81	1012.29	1010.66	1010.08	1009.70	1009.54	
20	1009.37	1009.76	-	1011.42	1012.32	1012.68	1012.77	1012.21	1010.55	1010.00	1009.67	1009.52	
25	1009.46	1009.83	-	1011.52	1012.57	1012.64	1012.70	1011.99	1010.41	1009.96	1009.66	1009.34	
30/31	1009.53	1010.27	-	1011.67	1012.66	1012.65	1012.64	1011.64	1010.31	1009.87	1009.63	1009.30	

Table III.4.1 (5) Water Level Records of Little Zambezi at Matongo

1983/84 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.29	1009.40	1009.57	1010.40	1011.52	1012.99	1013.38	1012.92	1011.46	1010.20	1009.85	1009.57	
5	1009.27	1009.42	1009.68	1010.49	1011.70	1013.15	1013.33	1012.82	1011.16	1010.13	1009.81	1009.55	Max : 1013.39m 02/04/84
10	1009.24	1009.41	1009.72	1010.61	1011.99	1013.27	1013.27	1012.63	1010.93	1010.05	1009.76	1009.50	Min : 1009.20m 15/10/83
15	1009.20	1009.40	1009.78	1010.80	1012.17	1013.31	1013.24	1012.46	1010.64	1009.97	1009.71	1009.47	
20	1009.22	1009.41	1009.87	1010.98	1012.42	1013.36	1013.17	1012.29	1010.46	1009.91	1009.66	1009.45	
25	1009.28	1009.48	1010.06	1011.15	1012.70	1013.36	1013.08	1011.98	1010.34	1009.85	1009.62	1009.42	
30/31	1009.37	1009.56	1010.31	1011.48	1012.95	1013.36	1012.95	1011.54	1010.23	1009.87	1009.58	1009.41	

1984/85 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	-	-	1009.73	1010.67	1011.36	1012.68	1013.35	1013.49	1012.50	1010.86	1010.18	1009.85	
5	-	-	1009.74	1010.70	1011.49	1012.78	1013.39	1013.41	1012.28	1010.73	1010.09	1009.82	Max : 1013.54m 26/04/85
10	-	-	1009.82	1010.78	1011.64	1012.87	1013.46	1013.28	1012.09	1010.60	1010.02	1009.78	Min : 1009.62m 29/09/85
15	-	-	1009.94	1010.89	1011.99	1012.97	1013.46	1013.09	1011.80	1011.69	1009.96	1009.73	
20	-	-	1010.26	1011.00	1012.19	1013.09	1013.49	1012.93	1011.44	1010.37	1009.90	1009.67	
25	-	-	1010.54	1011.12	1012.48	1013.22	1013.53	1012.74	1011.16	1010.29	1009.93	1009.64	
30/31	-	-	1010.67	1011.32	1012.64	1013.34	1013.50	1012.58	1010.91	1010.19	1009.85	1009.62	

1985/86 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.61	1009.40	1009.46	1009.91	1010.77	1012.36	1013.36	1013.47	1012.51	1010.83	1010.13	1009.80	
5	1009.58	1009.40	1009.49	1009.97	1010.96	1012.43	1013.52	1013.36	1012.32	1010.70	1010.08	1009.74	Max : 1013.82m 14/04/86
10	1009.72	1009.42	1009.49	1010.10	1011.29	1012.55	1013.71	1013.23	1012.10	1010.56	1010.02	1009.70	Min : 1009.38m 31/10/85
15	1009.49	1009.48	1009.54	1010.30	1011.51	1012.67	1013.82	1013.10	1011.78	1010.46	1009.98	1009.66	
20	1009.45	1009.47	1009.65	1010.40	1011.82	1012.85	1013.80	1012.98	1011.44	1010.34	1009.92	1009.60	
25	1009.44	1009.45	1009.72	1010.46	1012.09	1013.06	1013.67	1012.79	1011.09	1010.21	1009.87	1009.55	
30/31	1009.38	1009.45	1009.84	1010.69	1012.32	1012.71	1013.50	1012.56	1010.86	1010.15	1009.81	1009.53	

Table III.4.1 (6) Water Level Records of Little Zambezi at Matongo

1986/87

Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.55	1009.92	1010.84	1011.85	1012.41	1013.29	1013.57	1013.16	1011.92	1010.70	1010.19	1009.78	
5	1009.52	1010.05	1010.91	1011.89	1012.48	1013.41	1013.51	1013.06	1011.70	1010.60	1010.15	1009.76	Max : 1013.69m 22/03/87
10	1009.52	1010.19	1011.12	1011.96	1012.59	1013.47	1013.45	1012.91	1011.43	1010.49	1010.09	1009.71	Min : 1009.52m 08/10/86
15	1009.59	1010.35	1011.30	1012.10	1012.74	1013.60	1013.40	1012.74	1011.21	1010.43	1010.04	1009.66	
20	1009.70	1010.53	1011.52	1012.24	1012.91	1013.68	1013.35	1012.54	1011.32	1010.35	1009.97	1009.63	
25	1009.77	1010.75	1011.72	1012.30	1013.10	1013.68	1013.29	1012.28	1010.84	1010.28	1009.92	1009.60	
30/31	1009.90	1010.52	1011.83	1012.39	1013.26	1013.59	1013.18	1011.98	1010.72	1010.20	1009.85	1009.56	

1987/88

Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.56	1009.54	1009.55	1010.22	1011.08	1012.58	1013.53	1013.36	1012.45	1010.96	1010.25	1009.85	
5	1009.55	1009.53	1009.64	1010.29	1011.30	1012.75	1013.70	1013.27	1012.29	1010.86	1010.19	1009.84	Max : 1013.79m 11/04/88
10	1009.59	1009.54	1009.84	1010.39	1011.57	1012.93	1013.77	1013.18	1012.08	1010.72	1010.11	1009.81	Min : 1009.48m 20/11/87
15	1009.58	1009.50	1009.96	1010.41	1011.86	1012.96	1013.70	1013.04	1011.72	1010.58	1010.04	1009.80	
20	1009.55	1009.48	1010.11	1010.53	1012.13	1013.02	1013.57	1012.89	1011.45	1010.46	1009.96	1009.75	
25	1009.55	1009.49	1010.12	1010.80	1012.40	1013.25	1013.49	1012.73	1011.25	1010.33	1009.91	1009.69	
30/31	1009.55	1009.53	1010.18	1011.07	1012.54	1013.48	1013.39	1012.49	1011.00	1010.26	1009.86	1009.67	

1988/89

Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.66	1009.60	1010.02	1010.78	1012.46	1013.75	1013.87	1014.10	1013.16	-	1010.73	1010.15	
5	1009.63	1009.66	1010.05	1010.93	1012.71	1013.85	1013.90	1014.03	1013.02	-	1010.64	-	Max : 1014.14m 26/04/89
10	1009.58	1009.71	1010.13	1011.06	1013.02	1013.88	1013.98	1013.91	1012.85	-	1010.52	1010.00	Min : 1009.53m 16/10/88
15	1009.54	1009.82	1010.27	1011.26	1013.23	1013.86	1014.06	1013.76	1012.65	-	1010.43	1010.43	
20	1009.53	1009.92	1010.41	1011.55	1013.50	1013.84	1014.09	1013.60	1012.45	-	1010.33	1010.33	
25	1009.56	1010.00	1010.57	1011.94	1013.62	1013.80	1014.13	-	1012.26	1010.92	1010.25	1010.25	
30/31	1009.59	1010.03	1010.75	1012.38	1013.72	1013.86	1014.12	1013.21	-	1010.75	1010.16	1010.16	

Table III.4.1 (7) Water Level Records of Little Zambezi at Matongo

1989/90 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.76	1009.71	1009.65	1010.16	1011.18	1012.40	1012.20	1012.82	1012.23	1010.64	1010.06	1009.72	
5	1009.73	1009.71	1009.72	1010.41	1011.31	1012.45	1012.16	1012.84	1012.02	1010.52	1009.99	1009.69	Max : 1012.85m 04/05/90
10	1009.72	1009.69	1009.71	1010.57	1011.63	1012.52	1012.21	1012.82	1011.69	1010.42	1009.93	1009.64	Min : 1009.53m 22/09/90
15	1009.74	1009.70	1009.73	1010.67	1011.91	1012.52	1012.31	1012.75	1011.37	1010.31	1009.89	1009.60	
20	1009.74	1009.72	1009.81	1010.83	1012.17	1012.47	1012.42	1012.66	1011.05	1010.22	1009.82	1009.57	
25	1009.73	1009.67	1009.95	1010.94	1012.35	1012.35	1012.63	1012.51	1010.82	1010.14	1009.79	1009.54	
30/31	1009.73	1009.64	1010.14	1011.14	1012.38	1012.24	1012.79	1012.27	1010.66	1010.06	1009.74	1009.52	

1990/91 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	-	1009.48	1009.61	1010.44	1012.09	1013.57	1013.43	1013.21	1011.77	1010.37	1009.92	1009.69	
5	-	1009.45	1009.65	1010.51	1012.32	1013.59	1013.44	1013.09	1011.56	1010.29	1009.90	1009.64	Max : 1013.60m 03/03/91
10	-	1009.48	1009.79	1010.72	1012.84	1013.57	1013.44	1012.91	1011.17	1010.21	1009.85	1009.60	Min : 1009.43m 20/11/90
15	-	1009.45	1009.91	1011.04	1013.29	1013.54	1013.41	1012.70	1010.90	1010.13	1009.80	1009.57	
20	-	1009.43	1010.01	1011.31	1013.41	1013.48	1013.38	1012.47	1010.70	1010.05	1009.78	1009.54	
25	-	1009.51	1010.13	1011.55	1013.51	1013.49	1013.34	1012.22	1010.54	1010.01	1009.74	1009.51	
30/31	-	-	1010.37	1012.04	1013.57	1013.43	1013.23	1011.87	1010.41	1009.94	1009.69	1009.49	

1991/92 Unit : m

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	REMARKS
1	1009.48	1009.58	1009.88	1010.73	1011.78	1012.53	1012.40						
5	1009.45	1009.62	1009.93	1010.85	1011.86	1012.57	1012.39						Max : 1012.57m 04/03/92
10	1009.44	1009.64	1010.07	1011.03	1011.95	1012.55	1012.38						Min : 1009.42m 17/10/91
15	1009.43	1009.69	1010.13	1011.22	1012.07	1012.50	1012.39						
20	1009.43	1009.76	1010.33	1011.42	1012.25	1012.39	1012.42						
25	1009.51	1009.80	1010.63	1011.61	1012.43	1012.43	1012.43						
30/31	1009.57	1009.87	1010.70	1011.76	1012.51	1012.41	1012.41						

Table III.4.2 Meteorological Data at Mongu Meteorological Station and AVS Sites (from Feb. 1989 to Apr. 1992)

Note : Temperature and Humidity values were measured at Namushakende AVS farm, Evaporation and Rainfall at Namushakende, Lealui AVS farms, Mweke dambo and Mongu meteorological station which are mentioned respectively as NAM, LEA, MWE and MON in the table.

Table III.4.2.(1) Meteorological Data 2/1989

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1								9.4	14.5			1.0
2								3.8		2.1		
3								5.1				
4								3.5		1.4		1.0
5								3.1	22.5	24.1		17.2
6								1.4	13.5	13.4		47.3
7								5.3	1.0			
8								5.9	5.5	7.0		8.0
9								0.6		4.0		4.4
10								9.4				
11								2.3	5.5	7.6		19.8
12								3.5	8.5			6.0
13								1.9		6.1		9.0
14								5.0	3.5	7.7		12.6
15								2.8	1.0	3.1		10.1
16								6.7	3.5			0.1
17								3.5				
18								1.2	79.5	24.5		22.9
19								3.7	5.0	3.0		5.0
20								1.7	15.0	26.9		34.0
21								1.7	21.0	25.6		81.7
22								1.1	6.0	12.0		9.5
23								8.1				
24								7.6				
25								4.0				1.3
26								4.9		6.0		27.5
27								4.6	25.0	12.3		
28								3.8				
29												
30												
31												
Mean								4.1				
Total									230.5	186.8	0.0	318.4

Table III.4.2 (2) Meteorological Data 3/1989

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1								5.6				
2								6.9				
3								3.6				18.6
4								6.3				
5								5.1	12.5			13.5
6								4.8	7.0	10.0		0.4
7								5.5	23.5	1.0		0.4
8								5.8				
9								3.2	2.5	20.5		9.5
10								6.3				
11								4.4		15.5		12.0
12								3.4	30.5	32.0		13.5
13								5.9		0.2		0.5
14									4.0			23.6
15								3.3	5.5	9.5		7.3
16								3.5	25.0	10.8		5.3
17								6.6	1.0			
18								6.4		6.7		
19								5.8				
20								6.1				
21								5.0	2.5			8.0
22								7.2	2.0			
23								7.9				
24								3.3				
25								6.3	38.5	7.0		6.3
26								5.3	13.0			
27								5.4				0.3
28								2.3	6.0	3.3		8.4
29								3.0		6.0		
30									29.5	46.2		38.2
31								3.0		4.5		2.3
Mean								5.1				
Total									203.0	173.2	0.0	168.1

Table III.4.2 (3) Meteorological Data 4/1989

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	23.2	15.4	84.5	58.0				4.4	15.0			6.4
2	26.0	14.9	84.0	39.0				5.3				
3	26.7	15.5	85.5	35.0				5.3				
4	26.9	14.1	84.0	32.0				6.1				
5	26.8	14.0	85.0	34.0				8.6				
6	28.2	15.6	84.0	27.0				7.4				
7	28.2	15.6	82.0	32.0				7.6				
8	26.7	16.5	86.5	36.5				6.3				
9	27.9	15.7	82.0	33.0				5.6				
10	27.3	16.8	84.5	30.5				5.8				
11	28.3	15.2	74.5	31.0				6.3				
12	27.9	14.7	84.0	32.0				6.3				
13	28.5	15.5	88.5	35.5				6.6				
14	28.9	15.3	93.0	32.0				6.6				
15	28.6	16.3	89.0	36.0				5.1				
16	27.7	17.1	84.5	46.0				2.3				
17	29.2	17.7	82.0	32.5				4.6				
18	28.5	17.9	90.5	41.5				6.8	9.0	1.8		15.5
19	26.8	18.6	84.5	47.0				7.4			4.9	7.4
20	25.8	17.1	88.0	52.5				0.9				14.6
21	28.2	18.1	88.0	42.5				5.8				
22	27.8	18.4	87.5	48.5				3.2				5.0
23	23.3	17.4	88.0	63.0				1.3	1.0	2.5	27.5	3.8
24	27.0	18.8	87.5	46.5				6.3				
25	29.2	18.0	86.0	33.5				5.8			0.9	
26	28.6	18.9	86.5	38.5				5.8				0.9
27	26.5	17.8	87.0	45.0				6.5		1.9		
28	27.5	17.3	83.5	41.0				6.6			6.5	
29	28.8	17.8	83.5	36.5				6.6				
30	28.4	17.0	88.0	41.0				3.5				0.3
31												
Mean	27.4	16.6	85.5	39.3				5.6				
Total									25.0	6.2	39.8	53.9

Table III.4.2 (4) Meteorological Data 7/1989

	Temp.(C)		Him.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	28.0	7.5						3.8				
2	28.0	6.5						6.0				
3	27.5	12.5						6.3				
4	28.0	11.5						6.3				
5	28.0	12.5						6.1				
6	28.0	11.5						5.1				
7	27.0	9.8						5.0				
8	28.0	10.0						7.1				
9	24.8	12.0						5.6				
10	25.5	10.3						5.6				
11	25.5	11.0						4.3				
12	26.0	9.5						5.8				
13	25.0	10.0	72.0	30.0				7.1				
14	23.0	6.5	95.0	36.0				5.7				
15	23.5	10.5	84.0	34.0				4.6				
16	26.0	6.0	94.0	27.0				4.0				
17	27.5	6.8	92.0	25.0				3.8				
18	28.2	3.8	81.0	20.0				6.6				
19	22.3	3.5	75.0	18.0				5.4				
20	23.7	2.2	86.0	16.0				6.1				
21	22.2	7.0	90.0	38.0				6.0				
22	22.4	8.0	85.0	32.0				6.3				
23	23.0	9.5	77.0	28.0				5.8				
24	24.8	8.8	90.0	28.0				6.6				
25	26.0	10.0	79.0	28.0				5.6				
26	27.0	10.0	87.0	28.0				5.6				
27	28.0	12.0	78.0	26.0				4.1				
28	28.5	11.0	81.0	24.0				6.8				
29	28.0	14.5	74.0	38.0				8.4				
30	28.0	12.8	78.0	34.0								
31	28.2	12.5	71.0	32.0								
Mean	26.1	9.4	82.6	28.5				5.7				
Total												

Table III.4.2 (5) Meteorological Data 8/1989

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	29.5	13.2	70.0	28.0				3.3				
2	30.0	10.0	92.0	27.0				6.6				
3	30.5	13.5	78.0	22.0				7.9				
4	30.0	12.5	72.0	22.0				7.6				
5	27.0	11.0	80.0	36.0				6.1				
6	25.5	9.5	84.0	26.0				6.6				
7	25.8	10.4	86.0	34.0				7.0				
8	27.0	11.8	80.0	31.0								
9	27.5	12.9	86.0	30.0				8.4				
10	28.4	15.5	75.0	32.0				8.4				
11	29.0	14.0	80.0	31.0								
12	29.2	14.5	84.0	32.0				8.6				
13	31.0	16.4	86.0	30.0				5.9				
14	32.4	16.5	89.0	26.0				7.1				
15	32.4	16.5	56.0	28.0				8.1				
16	31.5	15.0	61.0	28.0				8.4				
17	30.0	14.5	71.0	29.0				9.4				
18	29.0	15.0	72.0	35.0				7.6				
19	29.0	14.0	72.0	34.0				7.1				
20	29.5	14.8	68.0	30.0				8.9				
21	30.0	15.0	72.0	30.0								
22	29.5	8.8	96.0	30.0				8.4				
23	29.4	16.0	60.0	29.0				8.4				
24	28.8	13.5	85.0	36.0				8.6				
25	31.5	12.5	86.0	26.0								
26	32.8	11.6	90.0	25.0				8.7				
27	33.5	15.5	71.0	20.0				8.9				
28	34.0	16.0	46.0	20.0				6.4				
29	34.0	10.0	88.0	23.0				6.6				
30	33.4	13.0	85.0	20.0				8.4				
31	32.0	8.6						7.6				
Mean	30.1	13.3	77.4	28.3				7.6				
Total												

Table III.4.2 (6) Meteorological Data 9/1989

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	33.0	9.7	96.0	20.0	8.0			6.9				
2	33.6	8.3	94.0	27.0	8.0			8.4				
3	34.0	12.0	98.0	15.0	9.2			6.8				
4	35.4	9.0	84.0	17.0	7.2			9.4				
5	34.4	10.0	88.0	15.0	8.0			10.1				
6	27.0	3.5	88.0	18.0	8.7			9.9				
7	27.0	7.0	92.0	29.0	8.0			9.1				
8	27.4	13.2	97.0	22.0	7.6			6.6				
9	28.7	15.0	84.0	43.0	8.5			7.6				
10	29.7	13.5	65.0	35.0	9.5			9.7				
11	31.4	15.4	66.0	29.0	11.0			9.9				
12	32.7	15.9	49.0	23.0	11.0			6.1				
13	33.2	18.0	57.0	19.0	11.2			7.9				
14	33.5	18.5	54.0	21.0	13.4			11.4				
15	34.4	17.7	50.0	18.0	13.5			7.8				
16	35.6	18.8	42.0	16.0	13.0			7.2				
17	34.7	12.4	45.0	17.0	10.0			8.4				
18	34.0	13.8	77.0	18.0	8.7			8.1				
19	36.5	9.8	88.0	24.0	7.4			8.9				
20	35.6	10.4	92.0	29.0	11.8			9.1				
21	35.5	14.0	86.0	14.0	9.4			9.1				
22	36.0	15.0	92.0	24.0	8.6			8.4				
23	36.6	21.4	88.0	25.0	12.0			8.1				
24	36.0	13.5	78.0	25.0	8.8			8.9				
25	35.0	13.5	91.0	25.0	8.0			9.6				
26	33.0	18.4	92.0	26.0	13.5			9.9				
27	33.0	15.5	79.0	22.0	12.7			9.8				
28	32.0	16.3	54.0	20.0	14.7			8.4				
29	33.5	8.4						8.3				
30	35.5	16.5						10.8				
31												
Mean	33.3	13.5	77.4	22.7	10.1			8.7				
Total												

Table III.4.2 (7) Meteorological Data 10/1989

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	36.0	15.0	68.0	16.0	12.3							
2	37.0	15.0	96.0	22.0	9.7							
3	35.0	14.0	94.0	32.0	9.4							
4	34.0	15.0	86.0	18.0	7.6					0.1		
5	36.0	17.0	84.0	20.0	9.8							
6	36.0	23.0	32.0	16.0	17.0							
7	36.0	19.0	74.0	22.0	10.6					0.5		
8	33.0	17.0	94.0	32.0	6.0				3.0	0.7		10.0
9	31.0	16.0	86.0	24.0	5.2						3.0	
10	32.0	17.0	86.0	32.0	9.0					0.5		1.0
11	23.0	17.0	90.0	46.0	1.5			5.9	6.5	6.5		5.4
12	18.0	15.0	90.0	80.0	1.0			0.6	27.0	16.4		23.5
13	22.0	14.0	90.0	54.0	3.2			4.1			16.0	
14	27.0	15.0	84.0	36.0	6.8			5.1				
15	31.0	15.0	88.0	24.0	9.0			7.1				
16	34.0	17.0	80.0	18.0	7.6			8.4				
17	34.0	14.0	72.0	20.0	9.5			9.4				
18	33.0	18.0	70.0	18.0	11.0			7.6				
19	35.0	20.0	38.0	12.0	9.2			12.4				
20	36.0	20.0	40.0	14.0	12.0			10.1	2.0			
21	35.0	17.0	78.0	22.0	10.0			10.9				
22	34.0	16.0	88.0	40.0	10.0			9.8				
23	34.0	18.0	90.0	30.0	7.7			8.9	3.0			0.7
24	33.0	19.0	84.0	34.0	7.5			10.1				
25	33.0	18.0	90.0	32.0	2.9			9.4	7.0	7.5		1.8
26	30.0	16.0			4.9			6.9				
27	33.0	15.0						8.6				0.3
28	35.0	20.0						8.6				
29	35.0	19.0						9.0				
30	35.0	19.0										
31	35.0	14.0						11.4				
Mean	32.6	16.9	78.9	28.6	8.1			8.2	48.5	32.2	19.0	42.7
Total												

Table III.4.2 (8) Meteorological Data 11/1989

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	35.0	19.0	78.0	24.0	10.0			10.8				
2	34.0	18.0	90.0	38.0	2.0			8.0	12.5	9.2		1.4
3	29.0	18.0	90.0	40.0	6.5			4.4				1.6
4	29.0	19.0	88.0	38.0	2.5			6.1				
5	29.0	20.0	80.0	38.0	7.5			6.9	0.5			
6	34.0	21.0	84.0	28.0	9.5			6.3		6.2		0.5
7	34.0	21.0	80.0	28.0	7.5			10.7				
8	36.0	20.0	84.0	28.0	8.7			11.7				
9	34.0	18.0	92.0	40.0	5.0			8.6	1.5		4.8	
10	29.0	18.0	88.0	36.0	5.7			8.8				
11	31.0	20.0	88.0	36.0	5.6			6.3	8.0	7.8		
12	23.0	13.0	92.0	68.0	2.0			4.3			0.5	
13	30.0	18.0	88.0	36.0	4.7			4.5		1.9		1.0
14	33.0	17.0	84.0	24.0	5.3			10.4			10.8	
15	34.0	19.0	90.0	30.0	12.0			6.5	20.5	9.4		15.4
16	31.0	20.0	82.0	34.0	10.0			10.4	1.0			
17	34.0	12.0	90.0	12.0	8.5			8.4			17.3	
18	36.0	15.0	86.0	18.0	10.0			10.6				
19	35.0	20.0	84.0	28.0	5.3			9.9				
20	34.0	19.0	78.0	28.0	8.5			8.9	1.0	0.7		
21	34.0	17.0	90.0	24.0	10.0			10.2				
22	32.0	20.0	66.0	26.0	8.8			11.2				
23	33.0	16.0			10.0			7.1				
24	35.0	20.0	54.0	22.0				8.4				
25	36.0	21.0	58.0	20.0				9.9				
26	36.0	21.0	80.0	28.0				10.6				
27	34.0	16.0	90.0	34.0				8.9				
28	29.0	16.0	88.0	42.0				8.6				
29	33.0	20.0	80.0	28.0				9.7				
30	32.0	20.0						10.4				1.0
31												
Mean	32.6	18.4	82.9	31.3	7.2			8.6				
Total									45.0	35.2	33.4	20.9

Table III.4.2 (9) Meteorological Data 12/1989

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	34.0	17.0	90.0	32.0	10.0			10.4				24.9
2	32.0	19.0	86.0	36.0	6.0			7.1	17.0	21.3	17.8	
3	32.0	19.0	86.0	36.0	7.4			8.6				
4	34.0	19.0	88.0	30.0	8.0			6.6	10.0	11.4		16.4
5	31.0	20.0	82.0	40.0	8.3			6.3				
6	32.0	20.0	86.0	34.0	10.0			9.8				2.8
7	31.0	20.0	90.0	40.0	6.0			9.8				
8	31.0	18.0	88.0	40.0	3.0				6.0	0.5		1.5
9	31.0	18.0	88.0	32.0	5.5			9.7	6.5	42.0		36.3
10	31.0	19.0	86.0	38.0	7.9					9.7		
11	30.0	17.0	90.0	42.0	5.3				6.5			26.4
12	30.0	18.0	86.0	40.0	8.0							
13	31.0	20.0	82.0	34.0	8.6							
14	32.0	19.0	88.0	40.0	7.0							
15	33.0	19.0	90.0	36.0	7.2			10.1				
16	30.0	19.0	86.0	46.0	4.0						1.7	20.7
17	27.0	18.0	86.0	46.0	2.0			3.0	0.5	11.0		1.5
18	30.0	17.0	86.0	32.0	6.9			7.1			17.3	
19	32.0	18.0	84.0	22.0	8.2							
20	35.0	19.0	78.0	32.0	9.8			10.5			8.5	
21	35.0	18.0	90.0	32.0	9.6			9.4				4.5
22	34.0	19.0	90.0	22.0	6.6			6.8	1.5			
23	34.0	18.0	86.0	30.0	10.0			9.1			2.9	
24	33.0	17.0	90.0	46.0	6.5			8.6	0.5			
25	29.0	17.0	88.0	46.0	2.2			7.3	1.5	17.0	8.2	2.8
26	28.0	18.0	86.0	58.0	2.8				1.0	40.0	18.6	44.8
27	25.0	19.0	86.0	50.0					1.0	2.7	24.9	13.9
28	27.0	20.0	86.0	50.0	2.6			5.5	2.5	0.7	10.0	2.7
29	27.0	19.0	86.0	50.0	4.4			4.1	0.5	5.0	4.2	10.8
30	27.0	19.0	86.0	54.0	2.0					7.0	11.7	1.3
31	28.0	18.0	86.0	50.0	6.0				0.5	6.0	1.8	5.6
Mean	30.8	18.5	86.6	39.2	6.4			7.9				
Total									55.5	174.3	127.6	216.9

Table III.4.2 (10) Meteorological Data 1/1990

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	26.0	19.0	86.0	60.0	1.6			0.5		7.0	7.3	27.1
2	27.0	20.0	86.0	55.0	2.5			1.0		57.0	20.2	36.3
3	28.0	20.0	86.0	52.0	3.6					5.4	21.6	1.4
4	28.0	20.0	89.0	50.0	6.5			6.0		25.3	1.4	4.9
5	29.0	19.0	86.0	50.0	6.7					1.3	4.0	
6	31.0	20.0	87.0	49.0	6.6			5.0		12.8	6.6	59.8
7	28.0	21.0	86.0	46.0	5.4					0.2		
8	28.0	20.0	86.0	52.0	6.0			3.3		17.1		7.9
9	26.0	19.0	86.0	60.0				3.8		7.7	47.1	25.7
10	27.0	20.0	86.0	54.0	3.7			4.1		4.9	30.0	2.4
11	30.0	19.0	88.0	42.0	5.6			4.7			19.7	
12	30.0	19.0	88.0	44.0	6.6			10.2		5.7		64.5
13	26.0	19.0	88.0	55.0	4.2						10.8	
14	27.0	18.0	89.0	58.0	5.4			4.1				
15	28.0	21.0	86.0	52.0	2.6					5.7		5.8
16	27.0	21.0	86.0	58.0				2.0		0.5	3.6	2.5
17	29.0	18.0	88.0	54.0				1.3		2.4	5.2	11.4
18	30.0	19.0	86.0	48.0				3.8		16.2	3.3	5.5
19	32.0	18.0	84.0	22.0	2.5			0.6			20.4	
20	35.0	19.0	78.0	32.0	4.4			5.3			8.5	
21	35.0	18.0	90.0	32.0	2.6			7.4			3.0	
22	34.0	19.0	90.0	22.0	2.4			5.3			5.0	9.8
23	34.0	18.0	86.0	30.0	2.7			4.3		0.7		
24	33.0	17.0	90.0	46.0	1.9			4.6				
25	29.0	17.0	88.0	46.0						9.6		27.1
26	28.0	18.0	86.0	58.0	2.0			1.7		2.0	3.8	1.8
27	25.0	19.0	86.0	50.0	1.1			2.3				
28	27.0	20.0	86.0	50.0	0.6			5.5		28.8		41.8
29	27.0	19.0	86.0	50.0	0.5						13.1	
30	27.0	19.0	86.0	54.0	0.5			8.4		16.1		31.3
31	28.0	18.0	86.0	50.0	0.5						23.3	1.2
Mean	29.0	19.1	86.6	47.8	3.4			4.1				
Total										226.4	257.9	368.2

Table III.4.2 (11) Meteorological Data 2/1990

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	24.0	19.0	87.0	50.0				4.7		13.2	0.9	10.0
2	27.5	20.5	87.0	50.0				3.6	0.5			
3	27.0	17.0	87.0	39.0	1.1			2.2			4.1	5.4
4	30.0	18.5	86.0	40.0				6.0		12.8		4.5
5	29.5	19.0	88.0	50.0	0.8			7.6			8.2	10.0
6	29.0	20.0	87.0	51.0				5.8		18.6	5.0	
7	23.0	20.0	88.0	74.0	0.6						10.0	29.6
8	23.0	19.0	85.0	55.0						18.6	13.4	23.5
9	27.0	19.0	87.0	64.0	1.0			2.0	0.5	17.8	12.8	12.4
10	26.0	19.0	87.0	64.0	1.0			2.2		13.3	11.0	14.4
11	26.0	22.0	87.0	44.0	0.3			6.1			2.7	
12	29.0	20.0	87.0	51.0	1.1			7.9				
13	29.0	19.0	89.0	50.0	1.0			6.9				
14	28.0	19.0	88.0	53.0	2.0			4.8		1.2	4.8	
15	29.0	19.0	84.0	49.0	0.3			6.6				
16	28.5	19.0	87.0	46.0	0.8			6.1				
17	29.0	17.0	87.0	36.0	0.4			3.6				
18	29.0	16.5	87.0	30.0	0.3			6.9		6.4		
19	31.0	17.0	87.0	40.0				8.6			9.1	6.8
20	31.0	17.5	88.0	41.0					1.0			28.5
21	31.0	18.0	87.0	35.0								
22	31.0	18.0	86.0	46.0							13.3	1.8
23	32.0	18.0	88.0	47.0	0.5				0.5	0.8		1.8
24	29.5	17.0	88.0	44.0	0.5			4.1	17.0	6.0	15.9	5.4
25	30.0	18.0	87.0	46.0				5.1	0.5	17.0		2.6
26	29.0	19.0	87.0	60.0	2.0			1.3		3.2		1.5
27	26.5	18.5	87.0	34.0	1.1							
28	29.0	17.0	85.0	30.0	0.6							
29												
30												
31												
Mean	28.3	18.6	87.0	47.1	0.9			5.1				
Total									20.0	128.9	111.2	158.2

Table III.4.2 (12) Meteorological Data 3/1990

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	29.5	14.0			0.8			8.6				
2	31.0	18.0	70.0	31.0	0.5			9.1				
3	32.0	18.5	80.0	32.0	1.0			8.9				
4	32.0	18.5	83.0	34.0	0.3			7.4				
5	32.0	18.5	79.0	30.0	0.5			0.5				5.2
6	30.0	16.0	88.0	42.0	0.5							
7	30.0	15.0	70.0	24.0	0.8			6.6				
8	30.0	16.0	79.0	35.0				7.3	6.8			11.8
9	31.0	17.5	86.0	34.0				1.2	21.2	0.8	4.1	
10	27.0	18.5	84.0	54.0				7.9		4.1		
11	30.0	19.0	74.0	36.0				8.6				
12	31.0	16.0	73.0	30.0	0.8			6.9				
13	30.0	18.0	70.0	30.0	1.0			7.1				
14	31.0	18.0	70.0	25.0	0.5			8.9				
15	31.0	19.0	79.0	26.0	0.5			8.6				
16	31.0	18.0			1.0			7.6				
17	31.0	18.0			0.5			7.6				
18	31.5	19.5			0.8			7.6				
19	33.0	19.0			0.5			6.4				
20	32.0	17.0						7.9	34.5	1.1		20.6
21	30.0	19.0						4.4				1.6
22	29.0	18.0			0.5			6.1	0.5		0.5	
23	29.0	19.0	87.0	46.0				3.0	7.5	5.9	0.8	2.4
24	31.5	19.5	87.0	57.0				1.6	4.5	0.3		12.7
25	24.0	18.0	87.0	44.0					0.5	1.2	1.1	2.5
26	30.0	19.0	85.0	46.0	0.5			3.2		10.5	0.7	2.3
27	28.0	19.0	86.0	49.0	0.5			6.1	2.0		2.3	
28	28.0	18.5	82.0	50.0	0.5			2.8		0.4	1.2	
29	28.0	18.0	79.0	42.0				1.5		0.7	0.5	4.5
30	30.0	19.0						7.1			3.2	
31	27.0	18.0						3.8	0.5			
Mean	30.0	18.0	79.9	38.0	0.6			6.0				
Total									78.0	25.0	14.4	63.6

Table III.4.2 (13) Meteorological Data 4/1990

	Temp.(℃)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	28.0	19.0			0.1			4.8				
2	29.0	18.0			0.6			4.0		1.6	2.3	5.8
3								5.3	10.0	24.5		
4	29.0	19.0	86.0	46.0				1.7	4.5		1.4	17.4
5	23.0	17.0	86.0	76.0				12.6	25.5	1.2		
6	29.0	19.5	87.0	48.0				6.9	18.0	0.4		12.1
7	28.0	18.0	86.0	50.0							20.5	
8	30.0	20.0	86.0	38.0				7.4	4.0			
9	30.0	17.0	87.0	39.0	0.8			6.1				
10	29.0	17.0	77.0	30.0	0.3							
11	30.0	15.0	86.0	30.0	1.1			6.9				
12	30.0	18.5	85.0	28.0	1.8			5.1				
13	30.0	16.5	86.0	32.0	2.3			6.1				
14	31.0	19.0	85.0	28.0	0.3			4.3				
15	32.0	18.0	80.0	30.0	0.9			6.0				
16	31.0	17.5	79.0	32.0	1.5			7.4				
17	30.0	18.0	79.0	32.0	2.2			7.4				
18	29.0	17.0	85.0	34.0				5.1				
19	30.5	17.5	89.0	30.0	0.5			6.9				
20	31.0	18.5	86.0	35.0	0.5			6.1				
21	31.0	19.0	88.0	35.0	0.5			4.8				
22	32.0	17.0	90.0	34.0	0.2			5.6				
23	32.0	18.5	74.0	32.0	0.2			6.4				
24	32.5	18.0	84.0	29.0	0.2			5.1				
25	32.0	17.0	89.0	33.0	0.5			7.9				
26	32.5	16.0	90.0	34.0	0.4			6.1				
27	32.0	19.0	89.0	42.0	0.3			6.9			7.1	
28	31.0	18.0	89.0	62.0				5.5	1.0			
29	30.0	17.0	89.0	40.0	0.4			6.1				
30	31.0	16.5	88.0	38.0	0.2			4.3				
31												
Mean	30.2	17.8	85.4	37.7	0.7			6.0				
Total									63.0	27.7	31.3	35.3

Table III.4.2 (14) Meteorological Data 5/1990

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	31.0	16.0						7.6				
2	30.0	12.0						5.6				
3	31.0	13.0										
4	31.0	16.0			0.2			5.1				
5	31.0	17.0			0.3			7.9				
6	30.0	17.0			0.2			9.1				
7	30.0	16.0						7.6				
8	30.0	16.0			0.2			6.1				
9	30.0	15.0	88.0	38.0				7.1				
10	30.0	19.0	80.0	38.0	0.3			6.1				
11	31.0	18.0	86.0	44.0				7.6				
12	27.0	12.0	88.0	38.0	0.4			2.9				2.4
13	29.0	12.0	86.0	36.0	0.1			4.3				
14	28.0	12.0	86.0	36.0	0.2			7.1				
15	26.0	14.0	84.0	36.0				4.8				
16	26.0	15.0	88.0	40.0	0.5			4.3				
17	27.0	17.0	88.0	44.0				5.1				
18	28.0	16.0	88.0	40.0	0.5			5.6				
19	28.0	15.0	88.0	36.0	0.4			5.8				
20	28.0	15.0	80.0	36.0				6.9				
21	28.0	13.0	88.0	38.0	0.6			5.8				
22	29.0	15.0	72.0	36.0	0.1							
23	29.0	15.0	74.0	34.0	0.5			7.6				
24	28.0	14.0	86.0	40.0	0.5			6.9				
25	27.0	14.0	88.0	42.0				5.8				
26	26.5	12.0	88.0	44.0				6.4				
27	27.0	13.0	88.0	42.0				5.3				
28	27.0	14.0	82.0	36.0				4.8				
29	28.0	16.0	86.0	36.0				5.8				
30	27.0	7.0						5.8				
31	27.0	12.0						6.1				
Mean	28.6	14.5	84.9	38.6	0.3			6.1				
Total												2.4

Table III.4.2 (15) Meteorological Data 6/1990

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	27.0	13.0	73.0	40.0				5.6				
2	26.0	13.0	77.0	34.0				6.1				
3	27.0	8.0	88.0	36.0								
4	28.0	10.0	87.0	32.0	0.3			5.3				
5	29.0	13.0			0.3			5.6				
6	29.0	13.0	39.0	32.0	0.5			6.4				
7	30.0	14.0	36.0	32.0				6.6				
8	27.0	15.0	36.0	32.0	0.3			8.4				
9	28.0	9.0	36.0	32.0	0.4			6.6				
10	27.0	9.0	36.0	32.0	0.5			4.5				
11	28.0	9.0	36.0	32.0	0.5							
12	26.0	12.0	36.0	32.0	0.5			8.1				
13	25.0	12.0	36.0	32.0	0.3			5.6				
14	24.0	16.0	36.0	32.0				5.8				
15	25.0	17.0	36.0	32.0	0.3			6.1				
16	26.0	7.0	36.0	32.0	0.2			4.1				
17	27.0	9.0	36.0	32.0	0.3			5.6				
18	28.0	13.0	36.0	32.0	0.3			6.6				
19	28.0	14.0	36.0	32.0	0.2			7.4				
20	28.0	10.0	36.0	34.0	0.2							
21	29.0	8.0	37.0	20.0	0.4			4.5				
22	29.0	7.0	38.0	22.0	0.2			5.8				
23	29.0	8.0	38.0	18.0	0.1			5.6				
24	29.0	13.0	36.0	20.0	0.5			6.1				
25	28.0	13.0	36.0	26.0				6.6				
26	26.0	12.0	36.0	28.0	0.6			4.8				
27	28.0	11.0	38.0	26.0				5.8				
28	31.0	7.0	38.0	20.0	0.8			5.3				
29	30.0	11.0	38.0	19.0				5.6				
30	30.0	8.0	37.0	20.0	0.6							
31												
Mean	27.7	11.1	42.8	29.1	0.4			5.9				
Total												

Table III.4.2 (16) Meteorological Data 7/1990

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	29.0	10.0						8.9				
2	27.0	11.0										
3	26.0	9.0						6.1				
4	26.0	9.0	38.0	26.0				4.8				
5	28.0	7.0	38.0	22.0				5.6				
6	29.0	10.0	38.0	20.0	0.5			5.5				
7	29.0	11.0	38.0	18.0	0.0			6.3				
8	29.0	13.0	36.0	22.0	0.0							
9	29.0	5.0	38.0	20.0	0.6			6.1				
10	30.0	9.0	38.0	14.0	0.7							
11	29.0	13.0	38.0	18.0	0.9			6.9				
12	29.0	13.0	36.0	20.0	1.0			6.3				
13	29.0	10.0	38.0	22.0	0.7							
14	28.0	12.0	36.0	24.0	0.0			7.1				
15	27.0	11.0	36.0	24.0	0.0			8.1				
16	28.0	13.0	38.0	22.0	2.2			6.6				
17	28.0	8.0	38.0	24.0	1.5			6.4				
18	29.0	6.0	38.0	18.0	1.8			6.1				
19	30.0	6.0	38.0	14.0	2.0			6.4				
20	29.0	7.0	36.0	20.0	1.7			6.1				
21	29.0	8.0			1.8			6.3				
22	21.0	11.0			2.0			8.1				
23	25.0	10.0			1.2			8.4				
24	25.0	10.0			1.5			7.6				
25	28.0	13.0	36.0	22.0	2.5			8.9				
26	26.0	12.0	38.0	28.0	2.0			6.8				
27	26.0	13.0	38.0	13.0				6.1				
28	28.0	14.0	38.0	26.0				6.1				
29	30.0	9.0	37.0	25.0				6.1				
30	26.0	3.0	37.0	14.0				7.8				
31	28.0	13.0	36.0	19.0				7.8				
Mean	27.7	10.0	37.3	20.6	1.2			6.8				
Total												

Table III.4.2 (17) Meteorological Data 8/1990

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	27.0	13.0	36.0	30.0	1.3			7.4				
2	27.0	12.0	36.0	24.0	1.8			8.1				
3	28.0	16.0	37.0	23.0	2.0			8.9				
4	28.0	13.0	36.0	24.0	1.8			8.9				
5	28.0	13.0	36.0	24.0	1.3			6.1				
6	28.0	12.0	35.0	22.0	1.4			8.9				
7	27.0	12.0	33.0	21.0	1.3			7.6				
8	26.0	11.0	38.0	25.0	1.3			8.4				
9	27.0	11.0	38.0	26.0	0.9			7.9				
10	27.0	13.0	38.0	24.0	1.3			9.9				
11	28.0	11.0	38.0	26.0	0.9			7.1				
12	29.0	16.0	38.0	28.0	1.2			8.1				
13	26.0	6.0	38.0	32.0	1.0			7.9				
14	26.0	11.0	38.0	18.0	0.9			8.6				
15	25.0	11.0	38.0	20.0	0.2			7.6				
16	27.0	9.0	38.0	20.0	0.8			7.6				
17	29.0	11.0	38.0	16.0	1.0			6.3				
18	29.0	11.0	38.0	16.0	0.8			7.8				
19	32.0	6.0	40.0	16.0	1.0			7.8				
20	32.0	6.0	38.0	12.0	1.0			8.4				
21	32.0	12.0	38.0	12.0	1.2			9.4				
22	31.0	9.0	38.0	18.0	1.0			9.1				
23	30.0	14.0	38.0	20.0	0.9			9.1				
24	30.0	14.0	38.0	24.0	1.0			9.1				
25	32.0	13.0	38.0	14.0	1.0			9.4				
26	30.0	14.0	38.0	14.0	1.2			11.4				
27	31.0	17.0	38.0	16.0	1.3			9.9				
28	32.0	16.0	38.0	24.0	1.3			10.2				
29	32.0	16.0	38.0	24.0	0.0			9.4				
30	33.0	8.0	42.0	24.0	1.5			9.9				
31	34.0	19.0	36.0	12.0	-			9.1				
Mean	29.1	12.1	37.6	20.9								
Total					1.1			8.6				

Table III.4.2 (18) Meteorological Data 9/1990

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	32.0	16.0	39.0	16.0	1.8			15.5				
2	33.0	17.0	38.0	20.0	1.5			9.4				
3	33.0	16.0	38.0	18.0	1.6			15.2				
4	33.0	18.0	36.0	16.0	1.6			11.7				
5	32.0	16.0	38.0	24.0	1.9			11.4				
6	32.0	15.0	38.0	22.0	2.0			13.7				
7	32.0	15.0	39.0	22.0	1.6			9.9				
8	34.0	18.0	36.0	18.0	2.0			12.9				
9	35.0	17.0	36.0	18.0	2.2			13.4				
10	33.0	17.0	38.0	20.0	2.4			12.9				
11	32.0	17.0	38.0	22.0	2.1			10.9				
12	32.0	14.0	38.0	26.0	2.3			8.1				
13	32.0	13.0	40.0	24.0	2.1			10.4				
14	35.0	16.0	40.0	18.0	2.3			12.2				
15	36.0	11.0	40.0	18.0	2.2			10.7				
16	36.0	16.0	40.0	16.0	2.0			6.6				
17	35.0	15.0	40.0	30.0	1.3			10.4				
18	34.0	11.0	40.0	23.0	1.8			12.2				
19	32.0	12.0	40.0	18.0	1.8			10.7				
20	32.0	11.0	39.0	32.0	2.0			9.3				
21	31.0	18.0	39.0	28.0	1.8			10.2				
22	31.0	17.0	38.0	24.0	1.5			10.7				
23	32.0	16.0	38.0	28.0	2.2			12.9				
24	31.0	14.0	33.0	18.0	2.1			10.4				
25	32.0	15.0	36.0	16.0	2.3			12.9				
26	31.0	12.0	40.0	18.0	2.2			11.9				
27	32.0	12.0	40.0	19.0	2.1			11.9				
28	33.0	12.0	40.0	18.0	2.0			10.4				
29	33.0	10.0	40.0	26.0	1.0			11.4	2.5			1.0
30	28.0	15.0	38.0	24.0	3.8			7.9				
31												
Mean	32.6	14.7	38.4	21.3	2.0			11.3				
Total									2.5			1.0

Table III.4.2 (19) Meteorological Data 10/1990

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	30.0	17.0	39.0	27.0	2.0			6.1				1.0
2	30.0	17.0	40.0	26.0	2.2			4.6			3.8	
3	31.0	17.0	40.0	26.0	2.2							
4	34.0	20.0	40.0	18.0	1.9			12.5				
5	35.0	11.0	42.0	20.0	1.6			9.6				
6	34.0	18.0	42.0	22.0	1.0			7.9	2.5			12.7
7	22.0	18.0	40.0	38.0	0.6			0.8	3.0		42.5	
8	31.0	19.0	40.0	30.0	1.4			7.6				
9	32.0	18.0	40.0	22.0	1.3			8.1				
10	35.0	17.0	40.0	12.0	1.4			10.1				
11	36.0	24.0	40.0	16.0	1.3			9.6				
12	35.0	21.0	34.0	16.0	1.5			9.6				
13	37.0	20.0	38.0	16.0	1.5			13.2				
14	36.0	17.0	42.0	22.0	1.2			10.7				
15	36.0	16.0	40.0	20.0	1.3			10.9				
16	34.0	17.0	40.0	20.0	1.4			9.4			1.2	
17	35.0	18.0	40.0	20.0	1.6			11.9				
18	35.0	19.0	40.0	22.0	1.3			4.8				
19	25.0	15.0	42.0	32.0	0.5			5.1				
20	32.0	18.0	42.0	28.0	1.2			9.6				
21	34.0	19.0	40.0	22.0	1.3			10.2				
22	34.0	18.0	40.0	22.0	1.4			11.4				
23	35.0	18.0	40.0	24.0	1.3			17.3				
24	33.0	17.0	40.0	30.0	0.8			5.8				
25	34.0	17.0	42.0	24.0	0.5			4.7	1.3			9.5
26	35.0	19.0	40.0	22.0	1.5			10.4				
27	33.0	18.0	40.0	28.0	1.4			8.6				
28	34.0	16.0	40.0	22.0	1.6			8.6				
29	34.0	17.0	40.0	18.0	1.2			12.5				
30	35.0	17.0	40.0	18.0	1.5							
31	36.0	15.0	40.0	14.0	1.4			10.4				
Mean	33.3	17.7	40.1	22.5	1.4			9.0				
Total									6.8		47.5	23.2

Table III.4.2 (20) Meteorological Data 11/1990

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	36.0	15.0	41.0	22.0	1.4			9.7				
2	32.0	22.0	39.0	20.0	1.8			10.4				
3	36.0	16.0	41.0	22.0	1.5			10.4				
4	37.0	20.0	40.0	12.0	1.5			12.4				
5	36.0	16.0	42.0	20.0	1.2			9.6				
6	37.0	19.0	41.0	20.0	1.1			11.4				
7	36.0	23.0	40.0	32.0	1.2			13.2				
8	34.0	16.0	40.0	32.0				8.1	7.5			
9	34.0	21.0	40.0	18.0	2.6			11.6			2.6	
10	36.0	22.0	38.0	16.0	1.9			1.8				
11	37.0	20.0	34.0	14.0	2.1							
12	38.0	19.0	40.0	16.0	1.3			9.7				
13	36.0	17.0	40.0	22.0	1.0				13.0			21.0
14	32.0	17.0	40.0	26.0	2.4			9.4			0.9	
15	30.0	17.0	42.0	38.0	2.1							
16	32.0	19.0	42.0	30.0	1.0			4.3	5.5	13.0		3.7
17	26.0	17.0	40.0	38.0	1.6				0.5			
18	30.0	20.0	40.0	30.0	1.4			4.8		8.5		
19	28.0	20.0	42.0	38.0				2.0	10.5	0.9	15.0	4.5
20	32.0	17.0	42.0	32.0	0.5			7.9	16.0	0.3	8.0	15.5
21	33.0	20.0	42.0	30.0	1.7			11.3				
22	27.0	20.0	42.0	38.0				5.8	38.5	9.6	0.5	19.4
23	28.0	20.0	42.0	40.0	0.2			5.8	1.5	6.4	30.5	1.0
24	31.0	20.0	42.0	30.0	1.5			6.1				
25	29.0	16.0	40.0	38.0	0.6			8.6	2.0	20.5		
26	32.0	16.0	40.0	28.0	1.0			9.4				
27	31.0	17.0	40.0	30.0	1.0			7.9			0.1	
28	32.0	21.0			0.9					7.1		1.8
29	32.0	21.0			0.8							
30	33.0	19.0								1.0		
31												
Mean	32.8	18.8	40.4	27.1	1.4			8.3				
Total									95.0	67.3	57.6	66.9

Table III.4.2 (21) Meteorological Data 12/1990

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	29.0	19.0	42.0	38.0				2.1	10.0	12.2	0.9	3.9
2	22.0	18.0	42.0	38.0				1.0	33.5	0.3	20.6	
3	29.0	18.0	40.0	38.0	0.2			2.0	14.0	3.9	13.6	16.5
4	27.0	16.0	40.0	38.0	0.5			2.8			0.1	0.3
5	31.0	17.0	42.0	28.0	1.2			9.4				
6	32.0	18.0	42.0	32.0	0.6			7.1	3.5			
7	30.0	19.0	42.0	36.0	0.5			7.5	29.0	9.6	0.8	7.5
8	24.0	22.0	40.0	36.0	1.6			7.1	2.0			
9	33.0	19.0	40.0	30.0	1.2			4.8		3.6	0.7	1.7
10	30.0	19.0	40.0	40.0	1.4			8.0	1.0	4.1	0.2	0.9
11	29.0	19.0	40.0	40.0	0.5			4.1	2.5		0.7	
12	26.0	18.0	38.0	38.0	1.5			3.2	0.5	3.6	1.4	1.4
13	28.0	18.0	40.0	38.0	2.5			5.3		8.2	1.6	
14	29.0	18.0	40.0	38.0	2.2			6.9	2.0		0.2	
15	30.0	18.0	40.0	38.0	2.5			7.5	0.5			10.6
16	31.0	21.0	40.0	38.0	4.2			6.6	0.5		2.4	
17	28.0	18.0	40.0	38.0	4.3			7.6				
18	32.0	18.0	40.0	38.0	3.2			5.9	1.5		1.4	7.2
19	28.0	17.0	40.0	40.0	3.9			4.3		40.8		
20	28.0	17.0	40.0	40.0					2.8			0.6
21	30.0	20.0	40.0	40.0	4.9				1.0		9.1	2.0
22	29.0	18.0	40.0	40.0	3.3					3.9		
23	31.0	16.0	40.0	40.0	4.5				0.5			3.9
24	31.0	19.0	40.0	40.0	2.0				4.0			1.5
25	29.0	20.0	40.0	40.0	5.6			6.6	1.5		3.8	14.2
26	29.0	20.0	40.0	40.0	4.0			1.1			5.3	0.8
27	28.0	19.0	40.0	40.0	1.0				12.5	6.7	6.6	39.2
28	27.0	19.0	40.0	40.0					4.5			4.0
29	29.0	18.0	40.0	40.0	3.0			1.1	24.0			2.4
30	25.0	18.0	40.0	40.0	1.0			1.9	24.5	45.6	11.7	20.3
31	29.0	18.0	40.0	40.0	3.4			1.5	1.5		0.9	12.3
Mean	28.8	18.5	40.3	38.1	2.4			4.8				
Total									177.3	142.5	82.0	151.2

Table III.4.2 (22) Meteorological Data 1/1991

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	Namushakende	LEA	MWE	Mongu
1	29.0	19.0	40.0	40.0	0.5			3.5			5.5	
2	29.0	20.0	40.0	40.0				4.1	3.5		11.3	
3	27.0	20.0	40.0	40.0					9.0	6.1		39.1
4	26.0	19.0	40.0	40.0	0.5			0.6	14.5	20.8	9.5	19.4
5	26.0	19.0	40.0	40.0				5.5	3.0	2.1	20.2	9.0
6	28.0	19.0	40.0	40.0	4.5			5.6		2.7	12.1	4.1
7	31.0	19.0	40.0	40.0	2.9			0.4	6.0	3.5	1.1	2.1
8	28.0	18.0	40.0	40.0	5.2			7.6	1.0		4.5	
9	31.0	18.0	40.0	40.0				9.4	0.5			
10	31.0	19.0	40.0	40.0	4.7			8.1				
11	30.0	18.0	40.0	40.0	1.8			8.1				
12	29.0	20.0	40.0	40.0	4.4			5.2				1.4
13	29.0	18.0	40.0	40.0	1.6			3.5	9.5	22.5	3.7	3.5
14	29.0	19.0	40.0	40.0	3.5			6.3		2.2		3.8
15	31.0	21.0	40.0	40.0	5.0			5.3		0.6		
16	29.0	19.0	40.0	40.0	3.4			3.7	1.5	18.3	2.0	20.2
17	29.0	20.0	40.0	40.0	2.9			2.5	16.5		11.3	
18	28.0	19.0	40.0	40.0	1.0			2.7	8.0			11.8
19	34.0	17.0	40.0	40.0	1.2			0.7	11.5	21.5	10.2	8.3
20	30.0	19.0	40.0	40.0	3.0			2.6	65.0	2.8	7.9	22.4
21	27.0	19.0	40.0	40.0	1.4			4.5	3.0	13.0		25.3
22	27.0	20.0	40.0	40.0	2.6			3.0	2.0	5.6		
23	28.0	19.0	40.0	40.0	3.3			5.6	4.0		0.6	1.0
24	27.0	19.0	40.0	40.0				3.6	5.0		0.9	1.2
25	25.0	18.0	40.0	40.0				4.6	21.5		5.3	
26	30.0	19.0	40.0	40.0				6.3		1.0		
27	28.0	20.0	40.0	40.0				3.4				0.4
28	28.0	18.0	40.0	40.0				2.6	17.5	33.7	0.2	18.0
29	25.0	18.0	40.0	40.0				1.3	3.0	5.8	17.2	16.0
30	27.0	18.0	40.0	40.0						7.2	4.8	31.1
31	29.0	19.0	40.0	40.0				5.2		7.9	6.6	1.4
Mean	28.5	18.9	40.0	40.0	2.8			4.3				
Total									205.5	177.3	134.9	239.5

Table III.4.2 (23) Meteorological Data 2/1991

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	Namshakende	LEA	MWE	Mongu
1	29.0	21.0	40.0	40.0				7.1	1.0		3.5	
2	29.0	19.0	40.0	40.0	4.4			6.6			2.2	
3	29.0	18.0	40.0	40.0				4.3		0.9		
4	30.0	18.0	40.0	40.0				5.3		3.6	2.2	
5	29.0	19.0	40.0	40.0	5.3			6.1	7.0	11.3	1.5	10.4
6	26.0	17.0	40.0	40.0	4.5				1.0	2.0	16.4	4.5
7	27.0	19.0	40.0	40.0	4.9			0.5		16.0	0.7	7.5
8	25.0	20.0	40.0	40.0				1.4	10.5	1.2	1.3	21.2
9	28.0	19.0	40.0	40.0	4.7				4.0	35.0	8.8	89.2
10	28.0	19.0	40.0	40.0					29.5	65.0	15.7	27.2
11	25.0	19.0	40.0	40.0	4.7				60.5	1.4	9.5	27.4
12	27.0	19.0	40.0	40.0	5.0			5.0			13.5	31.1
13	28.0	18.0	40.0	40.0	5.4			2.1			0.3	1.5
14	24.0	22.0	40.0	40.0				3.3	49.5	32.6	15.7	5.4
15	28.0	18.0	40.0	40.0	3.6			2.4	11.5		8.5	18.4
16	28.0	18.0	40.0	40.0	3.5			4.0	4.0			8.2
17	30.0	25.0	40.0	40.0	3.5			5.3	42.0	31.7	12.2	35.0
18	31.0	16.0	40.0	40.0	4.3			8.3				
19	31.0	17.0	78.0	28.0	4.4			8.6				
20	31.0	23.0	80.0	26.0	5.2			8.9				
21	31.0	19.0	80.0	26.0	5.5							
22	32.0	19.0	84.0	19.0	5.0			9.4				
23	32.0	19.0	82.0	30.0	5.1			9.1				
24	29.0	19.0	86.0	40.0				6.1	17.5			
25	29.0	21.0	86.0	44.0	4.2			8.3	13.0		4.7	2.0
26	27.0	21.0			3.2			3.8			8.2	
27	31.0	19.0			6.1			7.6			0.2	
28	30.0	20.0			5.3			8.6				
29												
30												
31												
Mean	28.7	19.3	51.8	37.3	4.7			5.7				
Total									251.0	200.7	125.1	289.0

Table III.4.2 (24) Meteorological Data 3/1991

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	30.0	19.0	84.0	40.0	5.6			8.1				
2	32.0	19.0	78.0	26.0	6.2			7.9				
3	31.0	20.0	78.0	36.0	6.5							
4	31.0	18.0	84.0	36.0	6.5			8.1				
5	30.0	21.0	82.0	40.0	4.2			6.0	0.5			4.5
6	29.0	21.0	84.0	36.0				4.6	14.0	3.6	4.4	2.1
7	30.0	19.0	76.0	40.0	6.7			6.9			1.2	
8	30.0	21.0	84.0	38.0	5.5			4.1			0.1	
9	30.0	20.0	84.0	46.0	5.5			8.0		34.8		12.3
10	31.0	18.0						3.6	51.0		16.1	4.7
11	31.0	18.0			3.5			6.6	2.0	9.6		3.8
12	27.0	18.0	80.0	50.0	3.2			4.6	17.0			15.4
13	28.0	18.0	80.0	38.0	4.7			5.8		17.0	0.4	
14	28.0	20.0	82.0	46.0	7.3			8.9				
15	28.0	19.0	82.0	48.0	2.8			6.6				
16	29.0	19.0	82.0	44.0				6.0			0.3	
17	27.0	20.0	80.0	50.0				6.3	5.0	2.2	2.7	1.5
18	28.0	20.0	80.0	40.0	5.0			4.1	0.5		1.5	
19	26.0	20.0	78.0	52.0	2.8			4.1	2.0	4.2		
20	29.0	20.0	78.0	36.0	4.3			5.0				2.0
21	29.0	21.0	80.0	40.0	3.0			8.4	2.5		16.6	
22	29.0	20.0	78.0	40.0				7.6	0.5			
23	29.0	19.0	78.0	40.0	2.9			7.0	1.0			7.0
24	31.0	18.0	80.0	34.0	6.0					75.0		79.5
25	23.0	22.0	78.0	48.0	0.2			4.3	3.2	5.5	6.1	11.1
26	27.0	19.0	78.0	46.0				2.3	1.0	1.5	6.8	
27	27.0	22.0	76.0	42.0	3.7			4.8	0.5	0.4	0.4	
28	28.0	20.0	76.0	40.0	4.4			4.3				
29	29.0	23.0	80.0	34.0				7.3				
30	29.0	22.0	74.0	32.0				8.1				
31	29.0	24.0	80.0	28.0				6.9				
Mean	28.9	19.9	79.8	40.2	4.6			6.1				
Total									100.7	153.8	56.6	143.9

Table III.4.2 (25) Meteorological Data 4/1991

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	29.0	17.0	75.0	30.0	5.0			6.9				
2	29.0	17.0	70.0	32.0	5.8			8.4				
3	29.0	15.0	80.0	34.0	6.4			9.6				
4	29.0	14.0	80.0	32.0	6.5			8.1				
5	29.0	16.0	80.0	34.0	5.6			6.1				
6	30.0	17.0	82.0	32.0	6.1			6.9				
7	29.0	15.0	70.0	32.0	6.0			6.6				
8	29.0	15.0	78.0	34.0	6.3			7.6				
9	29.0	11.0	78.0	30.0	6.4			7.9				
10	27.0	13.0	78.0	30.0	5.8			7.9				
11	28.0	14.0	78.0	28.0	6.4			8.4				
12	29.0	15.0	78.0	32.0	6.6			8.4				
13	29.0	16.0	80.0	34.0	5.7			6.6				
14	30.0	16.0	76.0	28.0	6.2			8.6				
15	29.0	15.0	82.0	38.0	4.8			7.1				
16	29.0	18.0	68.0	36.0	5.3			6.9				
17	30.0	15.0	66.0	32.0	4.7			6.9				
18	30.0	15.0	68.0	32.0	5.1			8.9				
19	30.0	16.0	74.0	28.0	4.6			8.4				
20	31.0	15.0	78.0	32.0	4.6			7.6				
21	30.0	16.0	76.0	30.0	4.5			7.6				
22	29.0	16.0	70.0	30.0	4.7			7.6				
23	29.0	16.0	78.0	34.0	4.3			8.9				
24	29.0	15.0	86.0	38.0	4.2			6.1				
25	29.0	17.0	84.0	34.0	5.1			6.6				
26	30.0	16.0	84.0	36.0	2.9			6.6				
27	30.0	17.0	82.0	34.0	3.1			6.6				
28	29.0	17.0	84.0	38.0	2.2			8.1			0.1	
29	29.0	19.0	84.0	36.0	3.1			7.1				
30	29.0	18.0			3.0			7.4				
31												
Mean	29.2	15.7	77.5	32.8	5.0			7.5				
Total											0.1	

Table III.4.2 (26) Meteorological Data 5/1991

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	28.0	18.0	78.0	30.0	3.2			7.4				
2	28.0	14.0	70.0	34.0	3.0			7.4				
3	29.0	16.0	68.0	28.0	3.2			9.4				
4	30.0	18.0	74.0	34.0	3.5			10.4				
5	29.0	16.0	82.0	38.0	2.7							
6	29.0	11.0	86.0	30.0	3.4			5.3				
7	28.0	14.0	68.0	22.0	2.8			5.3				
8	27.0	15.0	86.0	34.0	2.7			3.8				
9	28.0	15.0	70.0	36.0	2.4			7.1				
10	31.0	13.0	78.0	30.0	2.9			6.1				
11	27.0	8.0	92.0	32.0	2.2			6.9				
12	28.0	7.0	86.0	20.0	2.4			4.6				
13	26.0	6.0	90.0	26.0	2.3			5.1				
14	25.0	11.0	88.0	30.0	2.2			9.7				
15	27.0	14.0	80.0	36.0	2.6			9.7				
16	28.0	15.0	76.0	30.0	2.7			7.1				
17	28.0	16.0	66.0	32.0	2.1			7.1				
18	27.0	14.0	84.0	32.0	1.9			6.9				
19	27.0	17.0	88.0	28.0	2.3			6.3				
20	28.0	13.0	82.0	26.0	2.5			6.1				
21	29.0	17.0	70.0	28.0	2.3			6.3				
22	29.0	15.0	74.0	30.0	2.7							
23	29.0	15.0	90.0	32.0	2.1			6.6				
24	29.0	13.0	88.0	34.0	2.2			5.1				
25	30.0	9.0	88.0	28.0	2.7			5.8				
26	30.0	10.0	76.0	24.0	2.3			5.8				
27	29.0	13.0	68.0	30.0	2.6			8.4				
28	28.0	13.0	67.0	32.0	2.5			6.7				
29	28.0	14.0	81.0	36.0	2.4			5.6				
30	27.0	12.0	83.0	33.0	2.4			5.8				
31	27.0	11.0	90.0	32.0	2.0			6.9				
Mean	28.2	13.3	79.6	30.5	2.6			6.7				
Total									0.0	0.0	0.0	0.0

Table III.4.2 (27) Meteorological Data 6/1991

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	27.0	8.0	72.0	22.0	2.3			7.4				
2	25.0	8.0	86.0	30.0	2.5			8.7				
3	25.0	11.0	82.0	34.0	2.4			8.4				
4	25.0	8.0	94.0	24.0	1.8			6.9				
5	28.0	10.0	80.0	22.0	2.2			6.1				
6	28.0	9.0	70.0	20.0	2.7			5.6				
7	29.0	13.0	64.0	24.0	2.2			5.6				
8	29.0	8.0	90.0	30.0	2.5			10.4				
9	27.0	6.0	86.0	24.0	2.0			8.1				
10	21.0	2.0	92.0	30.0	1.5			4.6				
11	26.0	7.0	74.0	20.0	2.2			6.6				
12	26.0	10.0	62.0	18.0	2.2			6.6				
13	25.0	6.0	82.0	17.0	1.9			10.2				
14	25.0	8.0	76.0	16.0	2.0			5.8				
15	26.0	10.0	70.0	22.0	2.4			5.3				
16	26.0	11.0	82.0	31.0	1.9			4.1				
17	28.0	11.0	83.0	30.0	2.4			5.1				
18	27.0	6.0	84.0	30.0	2.0							
19	26.0	8.0	80.0	30.0	2.0							
20	27.0	7.0	78.0	26.0	1.9			6.6				
21	27.0	8.0	80.0	18.0	1.9			4.8				
22	27.0	6.0	84.0	18.0	2.3			5.1				
23	29.0	7.0	82.0	12.0	1.9			4.1				
24	29.0	6.0	84.0	12.0	2.0			4.3				
25	29.0	8.0	78.0	12.0	1.7			5.1				
26	30.0	8.0	48.0	18.0	1.9			5.1				
27	29.0	12.0	70.0	22.0	2.1			5.1				
28	28.0	13.0	70.0	26.0				5.6				
29	28.0	13.0	60.0	28.0								
30	29.0	10.0	80.0	24.0								
31												
Mean	27.0	8.6	77.4	23.0	2.1			6.2				
Total									0.0	0.0	0.0	0.0

Table III.4.2 (28) Meteorological Data 7/1991

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	29.0	12.0	80.0	22.0	2.2			5.1				
2	27.0	11.0	58.0	18.0	2.1			5.1				
3	25.0	9.0	76.0	26.0	2.0							
4	26.0	6.0	88.0	24.0	2.0			4.6				
5	27.0	8.0	86.0	20.0	2.1			6.1				
6	28.0	9.0	86.0	22.0	1.7			5.6				
7	28.0	5.0	84.0	24.0	2.2			5.1				
8	28.0	6.0	54.0	18.0	2.6			10.4				
9	27.0	12.0	54.0	26.0	2.4			8.4				
10	26.0	9.0	56.0	22.0	2.4			8.5				
11	25.0	5.0	84.0	24.0	1.6			5.3				
12	27.0	12.0	76.0	26.0	1.7			5.1				
13	27.0	12.0	60.0	12.0	2.3			6.6				
14	26.0	14.0	68.0	30.0	2.2			4.1				
15	24.0	5.0	86.0	30.0	2.0			7.1				
16	24.0	7.0	68.0	24.0	2.2			7.9				
17	22.0	7.0	78.0	30.0	2.1			6.3				
18	23.0	8.0	78.0	30.0	1.9			6.6				
19	23.0	8.0	82.0	28.0	2.0			5.1				
20	24.0	10.0	76.0	28.0	2.1			5.3				
21	26.0	10.0	86.0	24.0	2.2			5.3				
22	25.0	7.0	76.0	28.0	2.0			5.6				
23	26.0	7.0	86.0	24.0	2.1			8.1				
24	27.0	8.0	78.0	20.0	2.0			8.1				
25	29.0	9.0	66.0	20.0	2.3							
26	29.0	7.0	94.0	18.0	2.2							
27	29.0	5.0	90.0	18.0	2.4			5.6				
28	29.0	12.0	66.0	14.0	2.5			8.1				
29	28.0	12.0	60.0	58.0	2.6			7.9				
30	26.0	7.0	80.0	22.0	2.0			6.3				
31	27.0	5.0	86.0	22.0	1.9			9.7				
Mean	26.4	8.5	75.7	24.3	2.1			6.5				
Total												

Table III.4.2 (29) Meteorological Data 8/1991

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	28.0	6.0	82	16	2.1			9.6				
2	29.0	7.0	82	12	2.1			5.6				
3	30.0	8.0	78	12	2.3			5.6				
4	30.0	4.0	86	8	2.7			7.6				
5	30.0	6.0	70	14	2.3			9.1				
6	28.0	9.0	78	18	2.3			9.1				
7	28.0	10.0	62	16	2.4			5.6				
8	28.0	12.0	66	18	2.7			5.6				
9	28.0	11.0	66	26	2.5							
10	28.0	7.0	86	26	2.6			8.4				
11	28.0	10.0	62	22	2.6			8.1				
12	29.0	19.0	62	28	2.7			5.6				
13	26.0	10.0	62	28	2.5			8.9				
14	25.0	10.0	62	28	2.2			9.4				
15	26.0	8.0	86	24	2.2			4.8				
16	27.0	8.0	74	20	2.4			5.1				
17	29.0	6.0	88	22	2.4			5.6				
18	30.0	8.0	84	20	2.1			9.9				
19	32.0	8.0	90	16	2.3			6.9				
20	33.0	9.0	82	14	2.1			6.9				
21	33.0	14.0	68	16	2.6			6.1				
22	34.0	18.0	84	42	3.3			5.6				
23	33.0	14.0	54	18	2.9			10.4				
24	31.0	15.0	46	20	3.1			9.4				
25	33.0	15.0	40	14	2.9							
26	32.0	16.0	50	18	2.6							
27	31.0	16.0	63	22	2.7							
28	32.0	16.0	53	25	2.8							
29	33.0	17.0	44	20								
30	34.0	12.0	76	18								
31	34.0	19.0	37	19								
Mean	30.1	11.2	68	20	2.5			7.3				
Total												

Table III.4.2 (30) Meteorological Data 9/1991

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	34.0	14.0	42.0	21.0	9.5	9.1	5.7					
2	30.0	13.0	52.0	28.0	8.2	8.6	8.1					
3	30.0	15.0	56.0	20.0	6.8	8.0	6.6					
4	32.0	16.0	56.0	22.0	7.9	5.3	5.6					
5	33.0	17.0	42.0	18.0	8.0	6.4	3.7	9.7				
6	34.0	12.0	68.0	18.0	7.6	8.9	6.3	11.7				
7	35.0	14.0	66.0	16.0	9.0	5.3	7.0	11.9				
8	36.0	10.0	84.0	18.0	5.0	12.8	4.9	8.1				
9	36.0	12.0	86.0	14.0	5.7	12.8	5.0					
10	36.0	16.0	62.0	16.0	7.0	7.7		13.5				
11	35.0	20.0	50.0	16.0	9.0	5.1	4.2	12.1				
12	35.0	16.0	78.0	24.0	7.7	5.1	9.6	11.2				
13	36.0	13.0	88.0	24.0	5.4	7.3	4.5	7.6				
14	36.0	14.0	66.0	18.0	7.9	8.6	7.5	9.4				
15	36.0	12.0	80.0	18.0	6.5	9.3	4.2	12.2				
16	36.0	20.0	40.0	16.0	8.7	7.3	7.0	11.7				
17	36.0	20.0	34.0	16.0	9.8	7.5	8.0	11.9				
18	35.0	19.0	44.0	20.0	8.6	12.3	7.9	12.2				
19	34.0	17.0	62.0	26.0	8.0	10.2	6.1	9.9				
20	34.0	17.0	88.0	31.0	8.5	10.2		14.2				
21	35.0	19.0	84.0	26.0	8.5	7.7	5.2	13.8				
22	34.0	18.0	64.0	30.0	8.5	9.0	7.1	11.9				
23	34.0	16.0	64.0	20.0	7.2	9.2	9.6	9.7				
24	34.0	16.0	62.0	24.0	7.6	8.3	3.4	10.9				
25	35.0	21.0	48.0	24.0	9.0	8.9	7.6	16.0				
26	34.0	20.0	54.0	30.0	7.9	6.7	7.0	11.9				
27	34.0	20.0	58.0	30.0	8.5	10.4	9.0	11.2				
28	32.0	15.0	82.0	36.0	5.9	9.8	4.1	7.9				
29	34.0	12.0	88.0	28.0	6.6	6.8	5.9	9.9				
30	35.0	19.0	60.0	22.0	9.8	11.1	3.1	13.2				
Mean	34.3	16.1	63.6	22.3	7.8	8.5	6.2	11.3				
Total												

Table III.4.2 (31) Meteorological Data 10/1991

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	32.0	18.0	60.0	31.0	9.4	9.1		12.4				
2	34.0	15.0	46.0	20.0	8.5	10.3	7.2	12.9				
3	35.0	18.0	40.0	16.0	10.4	10.8	8.0	12.9				
4	35.0	19.0	30.0	14.0	9.7	10.8	7.1	10.7				
5	36.0	18.0	62.0	16.0	8.7	10.8	8.3					
6	37.0	20.0	36.0	16.0	11.0	0.6	4.6					
7	37.0	21.0	34.0	18.0	10.7	9.1	9.7	12.2				
8	37.0	13.0	68.0	20.0	9.2	11.3	9.0	10.7				
9	37.0	19.0	86.0	24.0	7.4	11.1	7.1	14.5				
10	36.0	12.0	94.0	36.0	6.2	8.0	4.2	9.5				2.4
11	36.0	16.0	82.0	12.0	7.6	8.0						
12	33.0	19.0	70.0	28.0	7.6	9.4	5.2	9.4				
13	32.0	20.0	74.0	28.0	7.2	10.8	6.0	8.1			0.1	
14	30.0	18.0	88.0	40.0	5.0	6.1	6.0	9.1	6.5		1.7	
15	30.0	19.0	82.0	26.0	5.3	8.4		8.6				
16	30.0	17.0	86.0	32.0	4.5	8.4	3.0	8.6				
17	31.0	17.0	84.0	30.0	5.4	8.2	8.0	7.9				0.3
18	31.0	15.0	88.0	30.0	5.1	5.5	7.3	6.6				
19	32.0	16.0	84.0	28.0	5.5	5.4	3.1	8.3				
20	25.0	18.0	84.0	42.0	4.0	6.8	3.9	3.7		8.7	1.2	1.2
21	28.0	17.0	84.0	32.0	2.7	8.7		3.8	1.5		0.3	
22	33.0	16.0	86.0	22.0	7.3	4.9	3.7	9.1				
23	33.0	16.0	82.0	24.0	5.2	6.7	4.3	7.1				
24	34.0	17.0	72.0	14.0	7.2	7.2	6.7	8.9				
25	34.0	18.0	78.0	22.0	10.5	8.7	6.3	10.4				
26	31.0	16.0	86.0	34.0	5.5	8.7		6.7		11.6	0.2	17.0
27	33.0	18.0	78.0	24.0	6.9	7.9	4.9	6.1				
28	34.0	16.0	86.0	18.0	6.9	7.0	6.0	10.7				
29	32.0	17.0	86.0	32.0	6.4	10.9	5.1	7.4			0.4	1.8
30	31.0	16.0	88.0	28.0	5.8	8.8	4.9	5.2			3.2	
31	33.0	18.0	88.0	24.0	3.0	8.1		8.1		3.4	0.6	
Mean	33.0	17.2	73.9	25.2	7.0	8.3	6.0	8.9				
Total									8.0	23.7	7.7	22.7

Table III.4.2 (32) Meteorological Data 11/1991

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	29.0	17.0	86.0	40.0	4.5	5.8	3.9	4.2			0.2	0.4
2	31.0	18.0	86.0	32.0	5.2	4.0	3.5	5.8		4.0	7.2	7.8
3	29.0	18.0	84.0	34.0	4.8	1.4		5.1		8.8		
4	32.0	16.0	86.0	26.0	4.0	3.8	3.0	8.6		1.7	0.3	0.5
5	30.0	17.0	86.0	34.0	4.6	10.0	7.0	5.6	43.5	0.5	0.3	
6	31.0	19.0	84.0	32.0	4.0	15.0	4.0	7.4				
7	34.0	16.0	86.0	20.0	5.2	6.0	3.9	8.6				
8	33.0	14.0	84.0	14.0	6.2	5.2	7.0					
9	34.0	18.0	78.0	14.0	7.3	5.4	5.8	8.6				
10	31.0	16.0	86.0	30.0	5.3	7.1	7.2	9.4				
11	30.0	16.0	86.0	34.0	6.0	6.5	8.0	6.4			0.7	1.3
12	29.0	16.0	88.0	32.0	4.1	4.9	0.3	4.6	5.0			
13	31.0	17.0	90.0	28.0	6.3	3.9	5.4	8.6				
14	29.0	20.0	80.0	32.0	4.8	7.3	3.0	6.5		0.5		14.1
15	30.0	18.0	88.0	32.0	3.8	6.6	-	3.6		2.0	0.5	0.6
16	30.0	17.0	86.0	36.0	5.0	10.2	1.2	5.0	11.0		0.7	6.0
17	29.0	18.0	84.0	34.0	4.0	2.2	1.8	7.4	1.5	2.2	3.8	
18	29.0	20.0	86.0	34.0	4.2	2.2	-	4.6				
19	31.0	19.0	86.0	34.0	4.5	10.9	4.1	5.1	1.5		0.5	0.3
20	25.0	16.0	86.0	50.0	2.5	4.8	2.0	3.1				
21	32.0	18.0	86.0	26.0	4.6	4.9	4.0	5.8	1.0	10.6	25.1	10.3
22	23.0	18.0	88.0	50.0	4.4	10.7	-	1.6	7.0		0.9	0.5
23	24.0	18.0	84.0	50.0	2.7	6.6	-	4.1	6.0	6.6	2.2	4.6
24	22.0	18.0	86.0	58.0	1.0	3.0	-	5.8		8.4	2.9	2.0
25	27.0	19.0	86.0	40.0	3.6	8.4	-	5.1	0.5			
26	27.0	17.0	86.0	44.0	4.6	7.6	6.8	1.6	7.5	4.1	3.9	0.6
27	29.0	19.0	84.0	40.0	3.9	3.4	-	4.9	1.5		0.1	2.1
28	31.0	19.0	86.0	34.0	3.8	3.5	6.0	4.7	0.5	5.2	1.7	5.5
29	31.0	18.0	86.0	30.0	3.5	9.1	1.9	5.6	1.0			
30	31.0	17.0	86.0	24.0	4.8	4.5	4.1	8.4				
31												
Mean	29.5	17.6	85.5	33.9	4.4	6.2	4.3	5.7				
Total									87.5	54.6	51.0	56.6

Table III.4.2 (33) Meteorological Data 12/1991

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	31.0	17.0	84.0	26.0	5.4	5.1	6.9	8.4				
2	33.0	20.0	52.0	20.0	8.1	8.5	5.0	6.9				
3	33.0	19.0	86.0	24.0	5.9	7.0	6.1	10.2				
4	30.0	19.0	86.0	30.0	6.5	9.6	7.0	6.9				
5	30.0	18.0	90.0	36.0	4.0	7.0	5.0	7.1	5.0		6.8	7.2
6	29.0	18.0	86.0	40.0	3.1	7.0			10.6		3.1	
7	30.0	20.0	86.0	36.0	5.5	0.9		7.1			3.5	35.3
8	26.0	17.0	86.0	54.0	3.4	4.4		3.6	21.0	3.0	0.5	14.5
9	30.0	20.0	82.0	34.0	5.5	5.2		1.8				
10	29.0	18.0	84.0	44.0	3.7	12.6	7.1	5.8	4.0		0.4	
11	31.0	19.0	86.0	36.0	5.5	3.7	4.9	7.4	10.0	6.6		
12	30.0	19.0	86.0	48.0	4.3	0.2	2.3	3.5	5.0		0.3	3.8
13	28.0	19.0	86.0	48.0	3.7	4.1	5.7	5.9				0.3
14	29.0	18.0	86.0	42.0	3.4	7.2	3.1	4.1		12.2		
15	30.0	19.0	86.0	38.0	5.1	3.4	3.0	5.8	48.0		0.8	
16	29.0	18.0	84.0	38.0	5.7	3.6	3.2	4.3			2.8	
17	31.0	19.0	86.0	34.0	4.5	3.2		5.8	3.5	25.6	1.9	4.1
18	27.0	19.0	86.0	50.0	2.7	9.0	1.0	6.4	9.0	14.5	3.4	49.1
19	27.0	19.0	86.0	46.0	4.2	5.0		6.1	30.1	43.7	31.5	38.4
20	28.0	19.0	86.0	50.0	3.1	8.2		8.4	41.0	56.4	7.1	11.5
21	25.0	19.0	86.0	56.0	2.7			3.1	8.5	12.6	1.4	6.5
22	25.0	20.0	86.0	56.0	2.7			3.0	14.0	8.4	7.1	6.4
23	24.0	19.0	86.0	56.0	3.8			2.3	55.3	51.0	13.2	54.0
24	27.0	19.0	84.0	48.0	5.2					0.5		1.1
25	27.0	20.0	86.0	50.0	5.3				20.2	8.7	9.8	6.5
26	28.0	18.0	84.0	44.0	4.1			3.7		3.0		
27	29.0	18.0	84.0	40.0	7.5	11.0	3.2	5.6			2.4	
28	27.0	19.0	86.0	50.0	3.5	7.4	1.8	7.4	6.0		1.9	
29	27.0	19.0	84.0	50.0	4.4	5.8		7.6	2.3			
30	29.0	20.0	86.0	40.0	4.3	2.3	3.0	5.1				3.0
31	29.0	16.0	86.0	36.0	5.7	5.6	2.8	0.3				
Mean	28.6	18.8	84.5	41.9	4.6	5.9	4.2	5.5				
Total									293.5	246.2	97.9	241.7

Table III.4.2 (34) Meteorological Data 1/1992

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	30.0	17.0	86.0	22.0	6.4	5.9		6.3				
2	31.0	20.0	86.0	40.0	5.5	6.9	3.3	6.6	13.0		0.2	
3	30.0	19.0	86.0	36.0	4.8	7.1	3.0	10.1		5.4	0.1	8.1
4	29.0	20.0	86.0	42.0	5.8	4.3	3.2	3.7	10.0		1.9	1.7
5	27.0	19.0	86.0	52.0	4.8	4.7		3.0	28.0	9.2	0.9	1.3
6	28.0	19.0	86.0	38.0	4.3	0.0	2.9	5.3				
7	29.0	19.0	86.0	40.0	4.6	5.4	4.1	2.8				0.8
8	32.0	20.0	86.0	32.0	4.9	4.3	3.2	6.9	2.5			0.6
9	30.0	20.0	84.0	38.0	4.9	6.6	4.6	7.9				2.8
10	31.0	19.0	86.0	34.0	3.6	7.2	6.2	6.1				
11	29.0	18.0	86.0	46.0	4.5	6.0	4.0	3.7		21.5	3.4	12.1
12	30.0	18.0	84.0	34.0	5.9	0.0		6.1	6.0			
13	31.0	19.0	86.0	30.0	5.8	6.2	4.0	7.4				
14	32.0	19.0	80.0	26.0	5.8	6.8	8.6	5.8				
15	33.0	18.0	80.0	30.0	5.8	6.2		6.5	4.0	1.9	0.3	5.2
16	31.0	19.0	80.0	34.0	6.0	2.9	1.0	5.8	6.5		7.7	
17	32.0	19.0	80.0	32.0	5.8	7.6		5.5			0.3	8.3
18	30.0	17.0	80.0	40.0	3.9	8.1	1.0	3.9			0.4	0.6
19	28.0	19.0	80.0	40.0	2.8	4.7	2.0	3.8				
20	28.0	18.0	80.0	40.0	3.4	4.7	4.3	2.8	6.5	0.0	0.8	
21	28.0	19.0	80.0	42.0	3.3	2.1		3.4	1.5	5.1		2.1
22	29.0	19.0	80.0	40.0	3.4	0.0	2.4		22.0	36.3	6.3	68.9
23	27.0	19.0	80.0	42.0	2.4	0.0			21.5			0.5
24	31.0	21.0	80.0	36.0	5.8	2.1	3.1					
25	29.0	20.0	82.0	46.0	4.6	7.2	5.9	1.8	20.2	20.7	3.4	17.3
26	26.0	17.0	80.0	44.0	3.1	0.0		4.8	13.0			
27	30.0	17.0	76.0	30.0	6.2	5.1	2.2	6.3				
28	31.0	17.0			4.3	6.9	4.8	5.6				
29	32.0	18.0			6.6	7.1	7.0	9.1				
30	33.0	19.0			6.5	6.2	5.0	7.6				
31	31.0	19.0			3.7	3.1	4.2	7.6		0.1	0.3	1.0
Mean	29.9	18.7	82.7	37.3	4.8	4.7	3.9	5.6				
Total									154.7	100.2	26.0	131.3

Table III.4.2 (35) Meteorological Data 2/1992

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	30.0	19.0	84.0	42.0	4.8	3.1	4.0	5.9		11.2	0.7	8.2
2	30.0	19.0	82.0	38.0	4.2	5.9	1.8	3.7	17.8	10.4	5.4	10.6
3	30.0	19.0	82.0	30.0	5.5			4.2	19.2	7.4	2.6	6.7
4	30.0	18.0	82.0	36.0	5.7			6.4	18.2		0.4	
5	32.0	19.0	82.0	30.0	3.8	5.3	2.8	8.6	2.0		3.8	
6	32.0	18.0	82.0	28.0	5.4	7.8		6.3			0.8	
7	32.0	19.0	82.0	26.0	2.6	6.3	5.0	7.8	4.0	5.1	3.4	19.5
8	33.0	20.0	82.0	28.0	3.7	2.4		4.8				
9	32.0	20.0	80.0	26.0	5.6	6.6	5.8	8.1				
10	31.0	19.0	80.0	24.0	5.7	6.0	6.2	6.3				
11	29.0	18.0	84.0	34.0	5.0	8.4	5.8	5.1			0.5	
12	30.0	18.0	82.0	40.0	2.7	7.1	2.0	3.9		4.2		11.5
13	31.0	19.0	82.0	24.0	5.0	0.9	3.0	5.8				
14	32.0	19.0	84.0	30.0	4.3	6.3	4.2	7.6				
15	33.0	18.0	86.0	26.0	2.5	6.8	5.0	7.2	2.0	1.4	0.6	4.4
16	31.0	19.0	84.0	38.0	4.5	5.2	1.0	4.8	5.0	4.8		1.0
17	32.0	19.0	84.0	38.0	5.7	1.9	3.8	6.1	12.8			
18	30.0	17.0	82.0	32.0	5.0	5.3	6.0	6.2			1.2	10.5
19	28.0	19.0	82.0	36.0	5.7	6.1		6.3	10.5			
20	28.0	18.0	84.0	40.0	4.3	5.1	4.9	2.9		17.7	9.5	29.1
21	28.0	19.0	84.0	40.0	5.4			5.8				
22	29.0	19.0	82.0	32.0	4.3	8.4	3.9	6.3				
23	27.0	19.0	84.0	30.0	5.7	8.4	4.6	7.9				
24	31.0	21.0	86.0	44.0	3.4	6.5	4.8					
25	29.0	20.0	84.0	38.0	4.3	6.7	4.6				6.4	
26	26.0	17.0	84.0	32.0	5.1	7.5		6.3				
27	30.0	17.0	84.0	34.0	5.8	7.8	5.6	7.2	10.0		7.3	1.4
28	31.0	17.0	84.0	32.0	2.9	9.5		6.6				
29	32.0	18.0	84.0	42.0	3.8	6.2	3.9	6.5	3.0	10.0	7.1	0.9
30												
31												
Mean	30.3	18.7	83.0	33.4	4.6	6.1	4.2	6.1				
Total									104.5	72.2	49.7	103.8

Table III.4.2 (36) Meteorological Data 3/1992

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	30.0	19.0	84.0	36.0	5.6	2.4		3.1		3.0	2.0	1.1
2	31.0	21.0	82.0	30.0	5.7	5.3		6.0				
3	31.0	17.0	84.0	42.0	4.5	6.2	4.8			3.0		11.4
4	30.0	20.0	82.0	40.0	4.9	4.1		5.3	7.1	0.1	3.7	
5	32.0	19.0	84.0	38.0	4.0	5.2	3.3	8.1				
6	33.0	18.0	84.0	38.0	5.5	6.5	5.0	7.4				
7	32.0	19.0	84.0	40.0	3.8	11.3	3.3	7.4				
8	33.0	21.0	84.0	34.0	5.9	9.8	5.7	5.1	8.0	4.3		4.4
9	34.0	20.0	86.0	26.0	5.9	2.0	4.3					
10	32.0	20.0	84.0	34.0	4.4	9.8	2.9	8.1			1.0	
11	31.0	18.0	86.0	38.0	3.1	6.0	1.7	4.5	9.0	3.9	1.8	1.2
12	26.0	17.0	88.0	48.0	2.4	2.2	2.2	6.0				
13	32.0	17.0	84.0	34.0	4.9	3.3	1.7	7.1				
14	33.0	22.0	86.0	30.0	4.4	7.7	6.1	6.0	7.2			
15	32.0	20.0	82.0	38.0	4.0	7.7	3.3	7.9			2.1	
16	31.0	19.0	86.0	38.0	3.3	5.4		7.9	13.0		12.7	5.4
17	28.0	21.0	86.0	52.0	3.7	6.2		4.3	9.0		2.8	2.8
18	30.0	20.0	84.0	38.0	3.5	3.7		3.8		4.0	9.0	9.4
19	31.0	20.0	84.0	34.0	3.5	7.7		5.4	5.7	20.4	3.4	14.0
20	23.0	19.0	84.0	64.0	2.5	2.8		4.2	3.0	6.4	3.6	12.3
21	28.0	21.0	84.0	48.0	3.0	8.6		0.6		0.3	11.8	1.4
22	30.0	19.0			3.0	3.6			42.4	11.5	13.0	42.2
23	27.0	19.0			6.0	4.6		2.5	4.8		0.8	1.1
24	27.0	20.0	84.0	46.0	0.4	2.6	0.7	3.6	3.0			7.1
25	25.0	19.0	84.0	58.0	2.8	4.9	0.5	3.6				
26	29.0	19.0	84.0	42.0	4.6	7.2	3.7	4.6				
27	31.0	20.0	84.0	32.0	4.2	0.8	3.5	7.6				
28	31.0	20.0	82.0	44.0	4.2	4.7	5.6	7.6	23.0			
29	29.0	18.0	84.0	48.0	3.3	9.8	4.0	0.8	15.5	28.8	8.1	11.2
30	29.0	20.0	84.0	42.0	3.1			4.3	3.5			
31	31.0	18.0	76.0	34.0	4.8	3.4	5.0	7.4				
Mean	30.1	19.4	83.9	40.2	4.0	5.5	3.5	5.4				
Total									154.2	85.7	75.8	125.0

Table III.4.2 (37) Meteorological Data 4/1992

	Temp.(C)		Hum.(%)		Evaporation (mm)				Rainfall (mm)			
Day	Max	Min	Max	Min	NAM	LEA	MWE	MON	NAM	LEA	MWE	MON
1	31.0	20.0	76.0	28.0	3.8	3.9	2.0	5.2				7.0
2	31.0	19.0	78.0	34.0	3.9		1.7	5.1	2.7	6.1		
3	29.0	17.0	70.0	30.0	3.4	4.4	1.3	5.3		9.0		
4	29.0	18.0	68.0	26.0	5.5	7.5	4.3	8.4				
5	30.0	18.0	64.0	28.0	6.0	5.0	5.5	7.6				
6	30.0	19.0	68.0	28.0	6.2	6.7	3.4	6.6				
7	30.0	17.0	64.0	24.0	6.3	6.8	5.5	6.6				
8	30.0	18.0	70.0	28.0	5.2	5.6	3.6	8.9				
9	30.0	18.0	80.0	26.0	4.4	6.7	2.7	6.9				
10	30.0	15.0	82.0	34.0	3.9	3.3	5.0	6.9				
11	32.0	16.0	80.0	22.0	4.3	6.3	4.7	7.6				
12	32.0	17.0	80.0	24.0	4.7	6.4	3.6	5.6				
13	32.0	15.0	84.0	26.0	3.8	5.0	2.8	6.3				
14	31.0	17.0	60.0	16.0	6.0	6.3	5.0	9.7				
15	31.0	16.0	58.0	16.0	6.0	5.4	6.0	7.9				
16	32.0	17.0	72.0	18.0	5.6	5.4	3.8	6.9				
17	31.0	18.0	80.0	24.0	5.2	4.4	3.4	7.9				
18	32.0	16.0	78.0	22.0	5.4	4.9	4.5	7.4				
19	33.0	19.0	54.0	18.0	2.0	7.5		7.8				
20	33.0	19.0	76.0	26.0	5.6	5.9	5.9	7.9				
21	32.0	17.0	80.0	30.0	5.4	5.7	4.3	5.3				
22	31.0	17.0	64.0	24.0	6.3	5.2	2.4	7.6				
23	31.0	17.0	68.0	26.0	5.2	7.6	3.9	7.6				
24	31.0	17.0	78.0	28.0	4.4	4.4	3.1	7.4				
25	32.0	18.0	80.0	28.0	4.9	6.9	4.3	5.3				
26	32.0	19.0	84.0	36.0	4.9	5.1	2.7	5.3				
27	31.0	20.0	84.0	34.0	5.3	3.7	4.3	5.3		4.6		
28	31.0	18.0	82.0	36.0	4.8	2.4		7.1			5.5	
29	30.0	15.0	82.0	36.0	4.1	3.6	2.3	0.2			0.1	5.3
30	29.0	20.0	84.0	42.0	4.0			7.1				
31												
Mean	31.0	17.6	74.3	27.3	4.9	5.4	3.8	6.7				
Total									2.7	19.7	5.6	12.3

Table III.4.3 Hydrological Data at Namushakende, Lealui and Little Zambezi (from Feb. 1989 to Apr. 1992)

Note :
1) All the data presented in the Tables show water levels.
2) Values at fields M-3, E-3 and W-2 at Namushakende, and fields N-1 and N-8 at Lealui are ground water levels.
3) M. Canal at Namushakende shows the surface water levels of Musiamo Canal.
4) The units are in m at Namushakende and Lealui and recorded water levels represent temporary elevations in reference with established B.Ms.
5) Values of Little Zambezi are direct readings of the staff gauge in feet.

Table III.4.3 (1) Hydrological Data 2/1989

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	16.67				9.48	8.39	8.18	8.90
2	16.85				9.54	8.40	8.18	8.96
3	17.06				9.50	8.41	8.20	9.08
4	17.26				9.51	8.44	8.22	9.11
5	17.47				9.49	8.58	8.25	9.15
6	17.74				9.53	8.65	8.37	9.19
7	17.96				9.53	8.74	8.48	9.22
8	18.17				9.64	8.93	8.74	9.26
9	18.36				9.67	9.06	8.76	9.29
10	18.50				9.54	9.09	8.77	9.30
11	18.59				9.64	9.19	8.84	9.33
12	18.73				9.66	9.31	8.89	9.35
13	18.84				9.59	9.40	9.12	9.38
14	18.99				9.57	9.48	9.32	9.49
15	19.18				9.58	9.51	9.42	9.52
16	19.39				9.65	9.55	9.46	9.59
17	19.56				9.65	9.57	9.47	9.63
18	19.81				9.67	9.61	9.48	9.66
19	19.93				9.68	9.70	9.50	9.72
20	20.06				9.58	9.71	9.52	9.75
21	20.17				9.62	9.71	9.57	9.79
22	20.35				9.66	9.76	9.60	9.83
23	20.40				9.60	9.78	9.61	9.85
24	20.43				9.56	9.79	9.68	9.85
25	20.47				9.64	9.81	9.74	9.87
26	20.54				9.54	9.85	9.76	9.89
27	20.66				9.65	9.88	9.78	9.92
28	20.78				9.57	9.93	9.85	9.96
29								
30								
31								
Mean	19.03				9.59	9.29	9.10	9.49

Table III.4.3 (2) Hydrological Data 3/1989

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	20.88				9.57	9.94	9.88	9.99
2	21.00				9.66	9.97	9.93	10.01
3	21.09				9.63	9.98	9.95	10.03
4	21.16				9.63	10.00	9.97	10.06
5	21.21				9.63	10.04	10.01	10.08
6	21.31				9.65	10.18	10.09	10.10
7	21.34				9.65	10.18	10.09	10.09
8	21.34				9.70	10.18	10.09	10.09
9	21.31				9.67	10.13	10.02	10.09
10	21.30				9.66	10.11	10.01	10.08
11	21.28				9.66	10.10	10.00	10.07
12	21.31				9.67	10.11	10.01	10.08
13	21.32				9.72	10.12	10.02	10.08
14	21.28				9.65	10.11	10.01	10.07
15	21.26				9.64	10.10	9.99	10.06
16	21.26				9.76	10.10	9.99	10.06
17	21.24				9.67	10.10	9.99	10.06
18	21.21				9.59	10.10	9.99	10.06
19	21.20				9.59	10.10	9.99	10.05
20	21.17				9.58	10.08	9.99	10.05
21	21.11				9.57	10.07	9.98	10.04
22	21.09				9.57	10.06	9.95	10.03
23	21.08				9.62	10.03	9.93	10.02
24	21.06				9.65	10.02	9.92	10.01
25	21.05				9.66	10.02	9.92	10.01
26	21.04				9.67	10.01	9.91	10.00
27	21.04				9.62	10.01	9.91	10.00
28	21.03				9.61	10.00	9.93	10.01
29	21.06				9.70	10.01	9.94	10.01
30	21.06				9.67	10.02	9.94	10.01
31	21.24				9.70	10.06	9.95	10.06
Mean	21.17				9.65	10.07	9.98	10.05

Table III.4.3 (3) Hydrological Data 4/1989

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	21.28				9.60	10.07	10.06	10.07
2	21.34				9.65	10.10	10.08	10.08
3	21.34				9.61	10.09	10.07	10.08
4	21.35				9.60	10.10	10.08	10.08
5	21.37				9.60	10.10	10.08	10.09
6	21.38				9.65	10.12	10.08	10.09
7	21.43				9.66	10.13	10.09	10.11
8	21.49				9.58	10.15	10.12	10.12
9	21.53				9.59	10.18	10.14	10.14
10	21.63				9.58	10.20	10.18	10.16
11	21.69				9.57	10.22	10.18	10.18
12	21.75				9.57	10.23	10.20	10.20
13	21.81				9.64	10.24	10.21	10.21
14	21.84				9.64	10.26	10.22	10.22
15	21.90				9.55	10.26	10.23	10.23
16	21.91				9.57	10.27	10.24	10.23
17	21.92				9.58	10.27	10.24	10.23
18	21.96				9.58	10.28	10.25	10.24
19	21.99				9.64	10.27	10.24	10.24
20	21.99				9.66	10.28	10.24	10.24
21	22.00				9.59	10.28	10.25	10.24
22	22.00				9.60	10.28	10.25	10.24
23	22.00				9.61	10.30	10.27	10.25
24	22.04				9.62	10.31	10.27	10.26
25	22.12				9.63	10.36	10.32	10.27
26	22.15				9.63	10.40	10.36	10.28
27	22.15				9.62	10.37	10.33	10.28
28	22.12				9.63	10.37	10.30	10.28
29	22.10				9.62	10.34	10.27	10.27
30	22.09				9.64	10.32	10.25	10.26
31								
Mean	21.79				9.61	10.24	10.20	10.20

Table III.4.3 (4) Hydrological Data 5/1989

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	22.03	9.68	9.77	9.65	9.63			10.25
2	22.00	9.68	9.77	9.65	9.63			10.24
3	21.94	9.68	9.76	9.64	9.62			10.22
4	21.87	9.68	9.76	9.64	9.62			10.20
5	21.81	9.66	9.75	9.63	9.60			10.18
6	21.81	9.65	9.74	9.61	9.59			10.16
7	21.66	9.64	9.74	9.60	9.58			10.14
8	21.58	9.63	9.73	9.59	9.57			10.12
9	21.48	9.62	9.72	9.57	9.57			10.09
10	21.40	9.61	9.71	9.57	9.59			10.07
11	21.32	9.62	9.73	9.57	9.65			10.04
12	21.22	9.62	9.73	9.56	9.64			10.02
13	21.12	9.60	9.70	9.54	9.54			9.99
14	21.08	9.58	9.69	9.53	9.54			9.97
15	20.93	9.56	9.67	9.52	9.53			9.93
16	20.83	9.55	9.67	9.50	9.54			9.90
17		9.55	9.67	9.49	9.53			9.86
18		9.55	9.69	9.48	9.62			9.83
19		9.55	9.69	9.48	9.62			9.80
20		9.54	9.68	9.47	9.59			9.76
21		9.54	9.68	9.46	9.59			9.73
22		9.53	9.66	9.45	9.57			9.69
23		9.51	9.66	9.44	9.52			
24		9.50	9.64	9.42	9.49			
25		9.51	9.67	9.42	9.60			
26								
27								
28								
29								
30								
31								9.38
Mean	21.51	9.59	9.71	9.54	9.58			9.98

Table III.4.3 (5) Hydrological Data 7/1989

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1		9.40	9.59	9.30	9.50	8.81	8.83	8.69
2		9.40	9.58	9.29	9.50	8.79	8.83	8.68
3		9.39	9.58	9.28	9.48	8.79	8.81	8.68
4		9.38	9.57		9.49	8.77	8.81	8.66
5		9.37	9.57		9.48	8.76	8.79	8.65
6		9.37	9.56		9.48	8.74	8.78	8.64
7		9.37	9.56		9.48	8.72	8.77	8.63
8		9.36	9.55		9.47	8.71	8.75	8.62
9		9.36	9.55		9.48	8.70	8.74	8.62
10		9.35	9.55		9.48	8.68	8.73	8.61
11		9.35	9.55		9.48	8.67	8.72	8.60
12		9.35	9.55		9.52	8.66	8.71	8.59
13		9.34	9.54		9.46	8.65	8.70	8.58
14		9.33	9.53		9.46	8.64	8.69	8.57
15		9.34	9.54		9.46	8.63	8.68	8.56
16		9.35	9.55		9.46	8.62	8.67	8.55
17		9.34	9.54		9.46	8.61	8.66	8.54
18		9.34	9.54		9.46	8.61	8.64	8.54
19		9.35	9.56		9.56	8.59	8.63	
20		9.33	9.53		9.45	8.58	8.63	
21		9.32	9.52		9.45	8.58	8.62	
22		9.32	9.53		9.45	8.57	8.61	
23		9.32	9.53		9.45	8.56	8.61	
24		9.32	9.53		9.45	8.56	8.59	
25		9.31	9.52		9.45	8.55	8.58	
26		9.31	9.52		9.45			
27		9.31	9.52		9.45			
28		9.30	9.51		9.45			
29		9.30	9.51		9.46			
30		9.30	9.51		9.46			
31		9.29	9.51		9.46			
Mean		9.34	9.54	9.29	9.47	8.66	8.70	8.61

Table III.4.3 (6) Hydrological Data 8/1989

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	10.99	9.29	9.50		9.46	8.49	8.52	8.42
2	10.09	9.28	9.50		9.46	8.48	8.52	8.42
3	10.81	9.28	9.50		9.45	8.47	8.50	8.41
4	10.75	9.27	9.49		9.45	8.46	8.48	8.40
5	10.68	9.26	9.48		9.45	8.45	8.48	8.39
6	10.60	9.16	9.46		9.41	8.45	8.46	8.38
7	10.52	9.16	9.46		9.41	8.44	8.46	8.38
8	10.45	9.16	9.46		9.42	8.43	8.45	8.37
9	10.36	9.06	9.45		9.40	8.43	8.44	8.36
10	10.29	9.06	9.45		9.39	8.42	8.43	8.35
11	10.24	8.96	9.45		9.38	8.41	8.42	8.35
12	10.18	8.96	9.45		9.37	8.40	8.41	8.34
13	10.11	9.16	9.49		9.53	8.39	8.39	8.33
14	10.07	9.16	9.49		9.56	8.38	8.38	8.32
15	9.99	8.96	9.45		9.39	8.37	8.36	8.31
16	9.93	8.76	9.44		9.39	8.36	8.36	8.30
17	9.87	8.86	9.46		9.51	8.35	8.35	8.29
18	9.78	8.86	9.46		9.52	8.34	8.35	8.28
19	9.72	8.86	9.46		9.51	8.33	8.33	8.27
20	9.66	8.86	9.46		9.51	8.32	8.32	8.26
21	9.60	8.86	9.45		9.50	8.30	8.31	8.26
22	9.54	8.86	9.47		9.50	8.30	8.29	8.25
23	9.49	8.76	9.46		9.50	8.29	8.29	8.24
24	9.43	8.76	9.46		9.54	8.28	8.28	8.23
25	9.40	8.76	9.46		9.54	8.28	8.28	8.22
26	9.34	8.66	9.45		9.50	8.28	8.28	8.21
27	9.30	8.66	9.44		9.49	8.28	8.26	8.20
28	9.29	8.56	9.43		9.50	8.28	8.26	8.19
29	9.23	8.46	9.43		9.50	8.27	8.25	8.18
30	9.16	8.46	9.43		9.50	8.27	8.25	8.17
31	9.12	8.46	9.43		9.50	8.27	8.24	8.16
Mean	9.94	8.92	9.46		9.47	8.36	8.37	8.30

Table III.4.3 (7) Hydrological Data 9/1989

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	9.09	8.46	9.43		9.50	8.23	8.24	7.67
2	9.01	8.46	9.43		9.50	8.22	8.24	7.67
3		8.46	9.43		9.51	8.22	8.22	7.67
4		8.36	9.42		9.48	8.21	8.22	7.67
5		8.36	9.42		9.47		8.21	7.67
6		9.16	9.42		9.47		8.20	7.67
7	8.89	9.16	9.41		9.47		8.20	7.66
8	8.65	9.16	9.41		9.46		8.19	7.66
9	8.60	9.16	9.42		9.46		8.19	7.65
10	8.58	9.16	9.41		9.46		8.18	7.65
11	8.54	9.15	9.41		9.46		8.16	7.65
12	8.49	9.14	9.40		9.45		8.16	7.64
13	8.45	9.14	9.40		9.45		8.15	7.64
14	8.41	9.13	9.39		9.45		8.15	7.63
15	8.37	9.12	9.38		9.45		8.14	7.63
16	8.33	9.12	9.38		9.45		8.13	7.63
17	8.30	9.11	9.53		9.45		8.13	7.62
18	8.25	9.11	9.40		9.45		8.12	7.62
19	8.20	9.11	9.40		9.45		8.12	7.61
20	8.19	9.11	9.38		9.41		8.11	7.61
21	8.17	9.10	9.37		9.41		8.10	7.61
22	8.13	9.10	9.37		9.41		8.09	7.60
23	8.09	9.10	9.37		9.40		8.09	7.60
24	8.04	9.10	9.54		9.44		8.07	7.60
25	8.01	9.10	9.45		9.41		8.07	7.60
26	8.00	9.09	9.36		9.39		8.06	7.60
27	7.95	9.08	9.42		9.40		8.06	7.60
28	7.91	9.08	9.36		9.49		8.05	7.60
29	7.88	9.09	9.53		9.52		8.05	7.59
30	7.83	9.09	9.38		9.55		8.05	7.59
31								
Mean	8.32	9.00	9.41		9.46	8.22	8.14	7.63

Table III.4.3 (8) Hydrological Data 10/1989

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	7.79	9.07	9.54		9.47	8.21	8.04	7.59
2	7.75	9.07	9.40		9.48		8.03	7.59
3	7.71	9.07	9.45		9.40		8.02	7.59
4	7.70	9.06	9.35		9.39		8.02	7.59
5	7.70	9.07	9.55		9.41		8.02	7.59
6	7.68	9.07	9.40		9.40		8.01	7.58
7	7.68	9.05	9.54		9.39		8.00	7.58
8	7.68	9.05	9.45		9.40		8.00	7.58
9	7.66	9.06	9.36		9.41		7.99	7.58
10	7.66	9.09	9.37		9.41		7.98	7.58
11	7.65	9.10	9.34		9.55		7.98	7.58
12	7.69	9.15	9.42		9.40		7.98	7.58
13	7.70	9.27	9.54		9.48		7.97	7.58
14	7.70	9.26	9.57		9.60		7.97	7.57
15	7.74	9.26	9.52		9.59		7.96	7.57
16	7.76	9.24	9.48		9.58		7.96	7.57
17	7.75	9.21	9.46		9.58		7.95	7.57
18	7.75	9.09	9.44		9.57		7.95	7.57
19	7.76	9.17	9.42		9.57		7.95	7.57
20	7.75	9.15	9.40		9.57		7.95	7.57
21	7.70	9.13	9.39		9.57		7.95	7.57
22	7.68	9.11	9.38		9.56		7.94	7.56
23	7.68	9.11	9.38		9.57		7.93	7.56
24	7.71	9.12	9.39		9.46		7.93	7.56
25	7.70	9.11	9.38		9.51		7.92	7.56
26	7.73	9.20	9.47		9.56		7.92	7.56
27	7.75	9.19	9.45		9.42		7.90	7.56
28	7.75	9.17	9.43		9.41		7.90	7.55
29	7.75	9.14	9.40		9.40		7.88	7.55
30	7.73	9.11	9.38		9.40		7.88	7.54
31	7.69	9.08	9.35		9.40		7.87	7.54
Mean	7.71	9.13	9.43		9.48	8.21	7.96	7.57

Table III.4.3 (9) Hydrological Data 11/1989

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	7.65	9.06	9.33			8.21	7.87	7.54
2	7.64	9.06	9.34		9.40		7.86	7.54
3	7.67	9.14	9.41		9.41		7.86	7.54
4	7.66	9.07	9.41		9.48		7.85	7.54
5	7.65	9.08	9.35		9.51		7.84	7.53
6	7.64	9.15	9.41		9.48		7.84	7.53
7	7.66	9.15	9.53		9.43		7.82	7.53
8	7.65	9.13	9.41		9.41		7.82	7.53
9	7.65	9.12	9.38		9.44		7.81	7.53
10	7.57	9.10	9.37		9.45		7.80	7.52
11	7.55	9.13	9.39		9.48		7.80	7.52
12	7.54	9.19	9.44		9.43		7.79	7.52
13	7.57	9.17	9.44		9.52		7.78	7.50
14	7.59	9.17	9.43		9.52		7.77	7.48
15	7.60	9.16	9.41		9.50		7.77	7.47
16	7.68	9.27	9.56		9.55		7.77	7.47
17	7.70	9.24	9.54		9.57		7.77	7.47
18	7.71	9.22	9.53		9.57		7.77	7.48
19	7.71	9.19	9.51		9.56		7.76	7.48
20	7.68	9.16	9.47		9.55		7.74	7.48
21	7.63	9.15	9.44		9.54		7.73	7.46
22	7.58	9.15	9.44		9.52		7.73	7.46
23	7.53	9.11	9.38		9.52			7.46
24	7.51	9.09	9.37		9.51			7.46
25	7.50	9.06	9.34		9.49			7.47
26	7.51	9.04	9.32		9.47			7.47
27	7.50	9.03	9.31		9.46			7.47
28	7.46	9.03	9.32		9.46			7.47
29	7.44	9.02	9.31		9.44			7.47
30	7.42	9.02	9.31		9.44			7.47
31								
Mean	7.60	9.12	9.41		9.49	8.21	7.80	7.50

Table III.4.3 (10) Hydrological Data 12/1989

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	7.44					8.21	7.73	7.46
2	7.53	9.11	9.41		9.49			7.47
3	7.60	9.13	9.31		9.50			7.46
4	7.63	9.12	9.39		9.52			7.45
5	7.67	9.15	9.43		9.54			7.46
6	7.65	9.14	9.41		9.52			7.45
7	7.63	9.12	9.39		9.50			7.44
8	7.60	9.12	9.39		9.51			7.44
9	7.60	9.15	9.42		9.52			7.45
10	7.65	9.25	9.51		9.54			7.46
11	7.67	9.23	9.49		9.56			7.45
12	7.75	9.30	9.54		9.56			7.43
13	7.70	9.27	9.51		9.57			7.44
14	7.71	9.24	9.48		9.57		7.79	7.44
15	7.72	9.22	9.48		9.58		7.80	7.45
16	7.79	9.20	9.54		9.57		7.80	7.44
17	7.86	9.20	9.52		9.57		7.80	7.43
18	7.90	9.22	9.50		9.59		7.81	7.46
19	7.94	9.20	9.56		9.57		7.78	7.44
20	7.98	9.18	9.49		9.52		7.77	7.44
21	8.12	9.16	9.43		9.49		7.77	7.44
22	8.26	9.16	9.42		9.49		7.77	7.45
23	8.39	9.17	9.43		9.53		7.75	7.44
24	8.39	9.15	9.41		9.52		7.75	7.43
25	8.41	9.14	9.40		9.51		7.74	7.44
26	8.46	9.19	9.44		9.54		7.74	7.45
27	8.84	9.44	9.58		9.57		7.77	7.45
28	8.91	9.44	9.58		9.63		7.78	7.45
29	8.96		9.58		9.61		7.88	7.45
30	8.98	9.41	9.59		9.62		7.92	7.45
31	9.06	9.40	9.58		9.62		7.93	7.45
Mean	8.03	9.21	9.47		9.55	8.21	7.79	7.45

Table III.4.3 (11) Hydrological Data 1/1990

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	9.11					8.21	7.95	8.45
2	9.32						7.95	8.45
3	9.57						7.97	8.44
4	9.66						7.99	8.44
5	9.94						8.34	8.44
6	10.04						8.43	8.44
7	10.21						8.43	8.44
8	10.27					8.27	8.43	8.44
9	10.36					8.25	8.45	8.47
10	10.47					8.35	8.52	8.48
11	10.51					8.38	8.57	8.47
12	10.54					8.40	8.57	8.45
13	10.67					8.38	8.55	8.45
14	10.74					8.35	8.54	8.45
15	10.78					8.33	8.52	8.46
16	10.86					8.33	8.52	8.46
17	11.06					8.29	8.48	8.47
18	11.14					8.27	8.46	8.46
19	11.26					8.29	8.47	8.45
20	11.30	9.53	9.62		9.66	8.35	8.51	8.45
21	11.34	9.50	9.60		9.63	8.36	8.49	8.45
22	11.40	9.48	9.60		9.62	8.35	8.48	8.42
23	11.51	9.47	9.59		9.59	8.32	8.47	8.42
24	11.59	9.47	9.60		9.60	8.28	8.45	8.43
25	11.67	9.46	9.58		9.60	8.28	8.44	8.43
26	11.84	9.58	9.60		9.66	8.30	8.43	8.43
27	11.91	9.51	9.60		9.65	8.27	8.42	8.43
28	11.98	9.54	9.60		9.62	8.36	8.56	8.46
29	12.14	9.51	9.60		9.65	8.43	8.52	8.45
30	12.21	9.48	9.60		9.65	8.42	8.52	8.45
31		9.60	9.64		9.66	8.42	8.53	8.48
Mean	10.85	9.51	9.60		9.63	8.33	8.42	8.45

Table III.4.3 (12) Hydrological Data 2/1990

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	12.47	9.53	9.62			8.43	8.54	8.18
2	12.57	9.52	9.62			8.43	8.54	8.20
3	12.67	9.53	9.56		9.59	8.44	8.55	8.22
4	12.76	9.54	9.59		9.61	8.45	8.56	8.24
5	12.88	9.52	9.59		9.63	8.53	8.55	8.26
6	13.00	9.52	9.57		9.62	8.47	8.55	8.28
7	13.15	9.52	9.59		9.62	8.44	8.54	8.30
8	13.38	9.53	9.58		9.65	8.47	8.60	8.32
9	13.69	9.57	9.60		9.59	8.55	8.68	8.34
10	13.95	9.60	9.62		9.61	8.67	8.80	8.36
11	14.18	9.55	9.57		9.50	8.71	8.83	8.38
12	14.29	9.52	9.56		9.58	8.68	8.83	8.40
13	14.47	9.52	9.55		9.59	8.66	8.79	8.42
14	14.67	9.51	9.56		9.59	8.63	8.76	8.44
15	14.86	9.48	9.55		9.60	8.60	8.75	8.46
16	15.06	9.52	9.60		9.61	8.60	8.74	8.48
17	15.29	9.48	9.56		9.63	8.67	8.73	8.50
18	15.42	9.47	9.57		9.66	8.72	8.71	8.55
19	15.58	9.45	9.58		9.63	8.63	8.70	8.64
20	15.71	9.52	9.54		9.64	8.65	8.71	8.66
21	15.82	9.50	9.57		9.65	8.66	8.71	8.68
22	15.93	9.46	9.55		9.64	8.72	8.73	8.70
23	16.02	9.48	9.56		9.63	8.72	8.76	8.72
24	16.13	9.51	9.57		9.65	8.73	8.70	8.74
25	16.28	9.58	9.59		9.67	8.92	8.78	8.76
26	16.44	9.58	9.61		9.66	8.91	8.88	8.82
27	16.42	9.55	9.60		9.65	8.94	8.88	8.85
28	16.39	9.52	9.57		9.60	8.95	8.91	8.86
29								
30								
31								
Mean	14.62	9.52	9.58		9.62	8.64	8.71	8.49

Table III.4.3 (13) Hydrological Data 3/1990

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	16.45	9.48	9.56	9.38	9.60	8.90	8.90	8.88
2	16.50	9.47	9.57	9.35	9.60	8.92	8.84	8.89
3	16.55	9.45	9.56	9.33	9.61	8.93	8.92	8.90
4	16.60	9.44	9.56	9.33	9.62	9.00	8.92	8.91
5	16.63	9.43	9.54	9.31	9.63	9.02	8.93	8.91
6	16.67	9.43	9.55	9.31	9.63	9.06	8.95	8.92
7	16.72	9.43	9.55	9.30	9.63	9.09	8.98	8.93
8	16.76	9.41	9.55	9.29	9.62	9.09	8.99	8.94
9	16.81	9.46	9.56	9.33	9.63	9.06	9.03	8.95
10	16.85	9.54	9.60	9.43	9.64	9.06	9.02	8.95
11	16.88	9.59	9.59	9.39	9.61	9.06	9.02	8.96
12	16.89	9.48	9.58	9.35	9.65	9.07	8.97	8.96
13	16.90	9.46	9.58	9.32	9.65	9.07	9.01	8.95
14	16.88	9.45	9.56	9.31	9.62	9.11	9.06	8.94
15	16.86	9.43	9.53	9.28	9.61	9.10	9.05	8.93
16	16.82	9.40	9.53	9.27	9.61	9.11	9.07	8.92
17	16.80	9.39	9.55	9.26	9.61	9.18	9.08	8.91
18	16.74	9.40	9.53	9.27	9.60	9.10	9.09	8.90
19	16.70	9.39	9.53	9.25	9.63	9.09	9.05	8.89
20	16.68	9.38	9.53	9.25	9.63	9.03	9.00	8.87
21	16.59	9.55	9.59	9.44	9.64	9.04	9.04	8.86
22	16.52	9.50	9.60	9.40	9.67	9.24	9.09	8.84
23	16.47	9.49	9.60	9.38	9.66	9.19	9.14	8.83
24	16.43	9.40	9.53	9.27	9.60	9.20	9.15	8.82
25	16.40	9.63	9.62	9.65	9.68	9.12	9.14	8.81
26	16.33	9.59	9.62	9.52	9.65	9.01	9.15	8.79
27	16.29	9.59	9.61	9.47	9.64	9.15	9.18	8.79
28	16.22	9.52	9.59	9.44	9.64	9.14	9.13	8.77
29	16.13	9.52	9.58	9.44	9.62	9.07	9.09	8.74
30	16.04	9.51	9.58	9.33	9.61	9.05	9.09	8.72
31		9.52	9.59	9.45	9.60	9.01	9.06	8.70
Mean	16.60	9.48	9.57	9.36	9.63	9.07	9.04	8.87

Table III.4.3 (14) Hydrological Data 4/1990

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	15.81	9.49	9.56	9.38	9.59	9.09	9.06	8.70
2	15.78	9.48	9.57	9.37	9.59	9.14	9.05	8.69
3	15.72					9.07	9.04	8.68
4	15.72	9.48	9.64	9.48	9.63	9.15	9.17	8.68
5	15.68	9.49	9.64	9.41	9.67	9.09	9.13	8.68
6	15.72	9.55	9.65	9.51	9.40	9.05	9.11	8.67
7	15.75	9.62	9.66	9.57	9.65	9.06	9.12	8.66
8	15.78	9.54	9.64	9.49	9.65	9.16	9.09	8.66
9	15.81	9.56	9.65	9.51	9.65	9.17	9.10	8.67
10	15.85	9.52	9.63	9.44	9.64	9.08	9.09	8.67
11	15.88	9.49	9.63	9.41	9.62	9.15	9.07	8.67
12	15.94	9.48	9.62	9.40	9.62	9.07	9.12	8.68
13	16.01	9.46	9.61	9.37	9.62	9.26	9.12	8.69
14	16.08	9.46	9.61	9.37	9.60	9.08	9.10	8.71
15	16.16	9.43	9.60	9.36	9.59	9.02	9.10	8.73
16	16.23	9.42	9.57	9.34	9.60	9.02	9.09	8.75
17	16.24	9.40	9.58	9.33	9.67	9.04	9.16	8.77
18	16.30	9.40	9.58	9.31	9.59	9.00	9.00	8.80
19	16.43	9.39	9.57	9.30	9.58	9.11	9.02	8.84
20	16.54	9.38	9.57	9.29	9.58	9.06	9.05	8.87
21	16.74	9.38	9.56	9.28	9.57	9.18	9.07	8.91
22	16.86	9.37	9.58	9.27	9.57	9.08	9.11	8.95
23	16.99	9.37	9.56	9.27	9.57	9.07	9.09	8.99
24	17.11	9.36	9.54	9.27	9.57	9.08	9.07	9.03
25	17.21	9.36	9.58	9.26	9.57	9.27	9.07	9.07
26	17.33	9.35	9.56	9.25	9.57	9.18	9.19	9.10
27	17.46	9.35	9.54	9.24	9.58	9.46	9.21	9.13
28	17.58			9.24	9.57	9.38	9.26	9.15
29	17.65	9.39	9.58	9.27	9.57	9.25	9.22	9.17
30	17.74	9.36	9.57	9.25	9.58	9.48	9.31	9.18
31								
Mean	16.40	9.44	9.59	9.35	9.60	9.14	9.11	8.83

Table III.4.3 (15) Hydrological Data 5/1990

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	17.82	9.35	9.56	9.25	9.58	9.49	8.63	9.19
2	17.89	9.35	9.56	9.24	9.58	9.47	9.25	9.20
3	17.91	9.38	9.57	9.29	9.57	9.33	9.38	9.20
4	17.92	3.34	9.56	9.23	9.58	9.34	9.40	9.19
5	17.90	9.33	9.54	9.22	9.57	9.37	9.40	9.18
6	17.90	9.32	9.53	9.20	9.57	9.34	9.39	9.17
7	17.89	9.32	9.53	9.20	9.57	9.37	9.35	9.16
8	17.88	9.31	9.53	9.20	9.57	9.59	9.35	9.15
9	17.86	9.32	9.52	9.20	9.56	9.62	9.43	9.14
10	17.82	9.30	9.54	9.20	9.58	9.38	9.44	9.14
11	17.79	9.31	9.56	9.19	9.60	9.35	9.35	9.13
12	17.76	9.30	9.54	9.19	9.58	9.48	9.38	9.12
13	17.71	9.31	9.55	9.19	9.58	9.49	9.40	9.11
14	17.66	9.31	9.55	9.19	9.60	9.35	9.43	9.10
15	17.61	9.31	9.53	9.19	9.59	9.31	9.30	9.08
16	17.58	9.32	9.53	9.20	9.57	9.27	9.20	9.07
17	17.51	9.31	9.52	9.20	9.56	9.24	9.26	9.06
18	17.45	9.31	9.56	9.19	9.59	9.19	9.20	9.04
19	17.39	9.31	9.58	9.19	9.61	9.17	9.19	9.02
20	17.31	9.32	9.59	9.19	9.62	9.23	9.29	9.01
21	17.25	9.31	9.58	9.19	9.62	9.24	9.30	8.99
22	17.16	9.31	9.56	9.20	9.62	9.17	9.14	8.98
23	17.06	9.30	9.54	9.19	9.61	9.15	9.16	8.94
24	16.95	9.30	9.52	9.18	9.61	9.15	9.14	8.93
25	16.82	9.29	9.52	9.17	9.61	9.05	9.03	8.90
26	16.71	9.29	9.52	9.17	9.61	9.09	9.01	8.88
27	16.57	9.29	9.52	9.17	9.60	9.28	9.16	8.86
28	16.45	9.31	9.52	9.19	9.61	9.14	9.16	8.83
29	16.31	9.30	9.55	9.18	9.62	9.07	9.03	8.81
30	16.16	9.29	9.52	9.18	9.64	9.06	9.02	8.79
31	16.03	9.30	9.52	9.18	9.65	9.04	9.07	8.76
Mean	17.36	9.12	9.54	9.20	9.59	9.28	9.23	9.04

Table III.4.3 (16) Hydrological Data 6/1990

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	15.90	9.30	9.63	9.18	9.65	8.98	9.01	8.73
2	15.77	9.30	9.60	9.18	9.65	8.98	8.95	8.70
3	15.54	9.55	9.63	9.19	9.64	8.97	8.97	8.67
4	15.41	9.29	9.60	9.19	9.65	8.95	8.99	8.64
5	15.21	9.29	9.60	9.18	9.66	8.99	9.03	8.60
6	15.02	9.30	9.58	9.18	9.65	8.95	8.99	8.56
7	14.79	9.30	9.59	9.19	9.61	8.93	8.96	8.49
8	14.59	9.29	9.58	9.17	9.63	8.89	8.94	8.47
9	14.30	9.30	9.59	9.17	9.65	8.89	8.92	8.46
10	14.13	9.28	9.59	9.17	9.65	8.86	8.92	8.38
11	13.84	9.29	9.59	9.17	9.66	8.84	8.90	8.37
12	13.74	9.29	9.54	9.18	9.60	8.83	8.89	8.32
13	13.51	9.28	9.55	9.17	9.63	8.83	8.83	8.26
14	13.25	9.28	9.56	9.17	9.57	8.82	8.95	8.24
15	13.08	9.30	9.55	9.18	9.57	8.80	8.92	8.20
16	12.75	9.29	9.52	9.17	9.57	8.83	8.87	8.18
17	12.59	9.31	9.53	9.18	9.57	8.75	8.86	8.15
18	12.30	9.30	9.53	9.17	9.57	8.71	8.80	8.13
19	12.20	9.30	9.59	9.18	9.63	8.70	8.80	8.11
20	12.03	9.30	9.60	9.17	9.65	8.67	8.75	8.08
21	11.84	9.31	9.60	9.18	9.65	8.66	8.88	8.06
22	11.70	9.31	9.60	9.18	9.65	8.64	8.77	8.04
23	11.54	9.29	9.53	9.17	9.56	8.62	8.74	8.03
24	11.41	9.30	9.53	9.17	9.59	8.60	8.72	8.01
25	11.28	9.28	9.60	9.19	9.63	8.59	8.71	7.97
26	11.18	9.30	9.60	9.17	9.64	8.57	8.71	7.97
27	11.05	9.29	9.59	9.17	9.64	8.55	8.69	7.96
28	10.95	9.30	9.58	9.18	9.65	8.55	8.69	7.95
29	10.85	9.30	9.57	9.17	9.65	8.53	8.68	7.93
30	10.75	9.31	9.59	9.19	9.65	8.52	8.67	7.92
31								
Mean	13.08	9.30	9.58	9.18	9.63	8.77	8.85	8.25

Table III.4.3 (17) Hydrological Data 7/1990

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	10.69	9.30	9.60	9.18	9.65	8.50	8.65	7.91
2	10.59	9.30	9.60	9.18	9.65	8.49	8.62	7.90
3	10.49	9.30	9.59	9.18	9.65	8.47	8.61	7.88
4	10.43	9.30	9.58	9.17	9.65	8.46	8.60	7.87
5	10.30	9.30	9.58	9.17	9.65	8.45	8.54	7.86
6	10.26	9.30	9.58	9.17	9.65	8.44	8.58	7.86
7	10.16	9.29	9.56	9.18	9.67	8.43	8.55	7.85
8	10.10	9.29	9.55	9.17	9.60	8.41	8.51	7.84
9	10.03	9.29	9.55	9.17	9.60	8.40	8.52	7.83
10	9.97	9.30	9.58	9.19	9.65	8.39	8.52	7.83
11	9.90	9.30	9.60	9.17	9.65	8.37	8.50	7.83
12	9.84	9.29	9.59	9.17	9.66	8.37	8.49	7.82
13	9.77	9.29	9.59	9.17	9.66	8.36	8.49	7.82
14	9.70	9.28	9.59	9.16	9.67	8.35	8.47	7.81
15	9.61	9.28	9.58	9.15	9.67	8.34	8.45	7.80
16	9.54	9.28	9.56	9.14	9.65	8.33	8.43	7.81
17	9.48	9.27	9.54	9.15	9.59	8.33	8.44	7.81
18	9.41	9.27	9.58	9.14	9.66	8.32	8.43	7.79
19	9.34	9.28	9.59	9.15	9.67	8.30	8.42	7.79
20	9.31	9.27	9.59	9.15	9.67	8.29	8.40	7.79
21	9.31	9.28	9.59	9.15	9.67	8.28	8.38	7.79
22	9.21	9.27	9.57	9.15	9.67	8.26	8.36	7.78
23	9.18	9.27	9.57	9.14	9.67	8.25	8.35	7.78
24	9.11	9.27	9.58	9.14	9.67	8.26	8.39	7.83
25	9.05	9.27	9.58	9.14	9.67	8.26	8.37	7.83
26	8.95	9.30	9.60	9.17	9.64	8.25	8.36	7.80
27	8.89	9.26	9.41	9.14	9.65	8.25	8.35	7.80
28	8.79	9.25	9.55	9.13	9.64	8.24	8.35	7.89
29	8.79	9.25	9.58	9.13	9.60	8.24	8.32	7.86
30	8.79	9.25	9.53	9.13	9.60	8.24	8.34	7.85
31	8.79	9.25	9.53	9.12	9.60	8.23	8.31	7.84
Mean	9.61	9.28	9.57	9.16	9.65	8.34	8.45	7.83

Table III.4.3 (18) Hydrological Data 8/1990

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	8.79	9.25	9.60	9.12	9.66	8.22	8.29	7.81
2	8.66	9.26	9.60	9.13	9.67	8.22	8.29	7.81
3	8.62	9.26	9.59	9.13	9.67	8.22	8.28	7.80
4	8.59	9.27	9.58	9.14	9.65	8.22	8.28	7.80
5	8.56	9.26	9.58	9.12	9.66	8.22	8.27	7.80
6	8.52	9.25	9.57	9.12	9.66		8.26	7.80
7	8.49	9.23	9.58	9.12	9.66		8.25	7.80
8	8.46	9.24	9.53	9.11	9.66		8.24	7.84
9	8.36	9.24	9.52	9.11	9.67		8.24	7.81
10	8.36	9.24	9.50	9.11	9.67		8.24	7.80
11	8.33	9.24	9.50	9.11	9.66		8.23	7.81
12	8.30	9.24	9.49	9.11	9.67		8.21	7.80
13	8.30	9.24	9.48	9.11	9.67		8.20	7.80
14	8.30	9.24	9.48	9.11	9.67		8.20	7.80
15	8.23	9.25	9.49	9.12	9.67		8.19	7.80
16	8.20	9.24	9.48	9.11	9.69		8.19	7.80
17	8.16	9.26	9.48	9.11	9.61		8.18	7.83
18	8.13	9.23	9.47	9.11	9.61		8.18	7.81
19	8.00	9.26	9.46	9.10	9.60		8.18	7.84
20	8.00	9.22	9.46	9.09	9.58		8.19	7.82
21	7.97	9.22	9.46	9.09	9.63		8.18	7.84
22	8.00	9.21	9.46	9.09	9.69		8.17	7.82
23	8.00	9.21	9.46	9.09	9.69		8.18	7.82
24	7.97	9.22	9.46	9.09	9.64		8.16	7.79
25	7.90	9.22	9.46	9.09	9.68		8.15	7.79
26	7.87	9.21	9.45	9.08	9.63		8.14	8.19
27	7.87	9.21	9.45	9.09	9.63		8.14	7.92
28	7.84	9.22	9.45	9.09	9.65		8.13	7.91
29	7.80	9.21	9.45	9.09	9.64		8.12	8.07
30	7.77	9.22	9.45	9.09	9.67		8.12	8.03
31	7.74	9.22	9.45	9.08	9.65		8.12	8.03
Mean	8.20	9.24	9.50	9.11	9.65	8.22	8.20	7.85

Table III.4.3 (19) Hydrological Data 9/1990

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	7.67	9.21	9.45	9.08	9.66		8.11	8.03
2	7.64	9.21	9.45	9.08	9.69		8.10	7.95
3	7.64	9.21	9.45	9.08	9.65		8.09	7.95
4	7.64	9.21	9.45	9.08	9.66		8.09	7.97
5	7.57	9.20	9.45	9.07	9.65		8.08	7.97
6	7.57	9.21	9.45	9.08	9.70		8.07	7.99
7	7.51	9.20	9.45	9.07	9.67		8.07	7.99
8	7.51	9.20	9.45	9.07	9.68		8.05	7.98
9	7.48	9.19	9.44	9.06	9.69		8.05	7.97
10	7.41	9.18	9.43	9.05	9.66		8.04	7.97
11	7.38	9.18	9.43	9.05	9.66		8.03	7.96
12	7.34	9.18	9.43	9.05	9.66		8.03	7.96
13	7.28	9.17	9.42	9.04	9.65		8.03	7.96
14	7.28	9.18	9.45	9.05	9.66		8.02	7.96
15	7.28	9.18	9.43	9.04	9.65		8.01	7.97
16	7.25	9.16	9.42	9.03	9.70		8.00	7.96
17	7.25	9.16	9.42	9.02	9.65		8.00	7.96
18	7.21	9.16	9.42	9.03	9.66		7.99	7.95
19	7.21	9.16	9.42	9.02	9.65		7.98	7.95
20	7.18	9.15	9.41	9.01	9.66		7.98	7.95
21	7.18	9.15	9.41	9.01	9.66		7.97	7.94
22	7.05	9.15	9.41	9.01	9.65		7.97	7.94
23	7.11	9.14	9.40	9.01	9.65		7.96	7.93
24	7.11	9.14	9.40		9.64		7.96	7.93
25	7.08	9.13	9.39		9.65		7.95	7.93
26	7.02	9.13	9.38		9.65		7.95	7.90
27	6.98	9.13	9.38		9.65		7.95	7.90
28	7.05	9.12	9.38		9.64		7.95	7.90
29	7.05	9.11	9.38		9.65		7.92	7.90
30	7.02	9.15	9.42		9.66		7.92	7.92
31								
Mean	7.30	9.17	9.42	9.05	9.66		8.01	7.95

Table III.4.3 (20) Hydrological Data 10/1990

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1		9.17	9.43		9.67		7.95	7.93
2		9.21	9.46		9.68		7.95	7.91
3		9.23	9.48		9.67		7.95	7.91
4		9.20	9.45		9.67		7.95	7.89
5		9.20	9.45		9.68		7.95	7.88
6		9.18	9.43		9.67		7.95	7.88
7		9.26	9.51		9.69		7.95	7.86
8		9.28	9.52		9.69		7.95	7.85
9		9.27	9.50		9.72		7.95	7.85
10		9.25	9.50		9.73		7.95	8.01
11		9.21	9.47		9.70		7.94	7.99
12		9.20	9.45		9.72		7.94	7.95
13		9.07	9.42		9.64		7.93	7.97
14		9.15	9.31		9.64		7.93	7.94
15		9.14	9.39		9.65		7.93	7.91
16		9.11	9.38		9.65		7.93	7.89
17		9.11	9.38		9.75		7.93	7.83
18		9.09	9.37		9.73		7.92	7.81
19		9.09	9.36		9.75		7.92	7.81
20		9.11	9.38		9.73		7.92	7.80
21		9.11	9.37		9.65		7.92	7.80
22		9.08	9.35		9.62		7.92	7.80
23		9.09	9.36		9.65		7.92	7.94
24		9.06	9.34		9.63		7.93	7.93
25		9.06	9.34		9.63		7.93	7.93
26		9.09	9.37		9.64		7.92	7.77
27		9.07	9.34		9.63		7.93	7.76
28		9.08	9.36		9.64		7.90	7.79
29		9.06	9.34		9.64		7.90	7.77
30		9.05	9.33		9.64		7.90	7.91
31		9.03	9.31		9.63		7.90	7.87
Mean		9.14	9.40		9.67		7.93	7.88

Table III.4.3 (21) Hydrological Data 11/1990

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	6.88	9.02	9.32		9.63			7.87
2	6.84	9.02	9.31		9.63			7.86
3	6.85	8.99	9.29		9.62			7.88
4	6.78	9.00	9.29		9.62			7.87
5	6.80	8.98	9.28		9.61			7.84
6	6.82	8.98	9.28		9.62			7.84
7	6.84	8.98	9.27		9.62			7.85
8	6.86	8.98	9.27		9.63			7.85
9	6.88	9.01	9.33		9.64			7.92
10	6.90	9.04	9.38		9.63			7.89
11	6.92	9.00	9.30		9.63			7.84
12	6.88	8.98	9.27		9.62			7.75
13	6.84	9.98	9.27		9.64			7.86
14	6.85	9.06	9.35		9.64			7.93
15	6.78	9.06	9.35		9.65			7.84
16	6.80	9.06	9.35		9.65			7.72
17	6.78	9.09	9.38		9.65			7.85
18	6.80	9.12	9.39		9.65			7.86
19	6.80	9.14	9.41		9.67			7.75
20	6.74	9.15	9.45		9.66			7.74
21	6.74	9.27	9.50		9.69			7.74
22	6.80	9.24	9.48		9.74			7.73
23	6.91	9.38	9.56		9.75			7.80
24	7.00	9.36	9.55		9.74			7.83
25	7.00	9.35	9.53		9.73			7.84
26	6.95	9.33	9.53		9.74			7.79
27	6.94	9.34	9.52		9.73			7.79
28		9.37	9.49		9.73			7.73
29		9.26	9.49		9.55			7.81
30		9.26	9.48		9.67			7.80
31								
Mean	6.85	9.16	9.39		9.66			7.82

Table III.4.3 (22) Hydrological Data 12/1990

	Little Zambezi	Namushakende (m)				Icalui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	7.31	9.24	9.48		9.70			7.81
2	7.28	9.31	9.53		9.73			7.81
3	7.38	9.44	9.58		9.75			7.83
4	7.44	9.50	9.58		9.77			7.83
5	7.44	9.45	9.58		9.75			7.83
6	7.61	9.41	9.56		9.74			7.83
7	7.64	9.41	9.56		9.67			7.83
8	7.80	9.51	9.60		9.76			7.84
9	7.84	9.41	9.57		9.70			7.82
10	7.90	9.44	9.57		9.75			7.84
11	7.93	9.43	9.56		9.75			7.82
12	8.07	9.43	9.56		9.72			7.75
13	8.20	9.43	9.56		9.64			7.75
14	8.30	9.41	9.56		9.74			7.76
15	8.30	9.40	9.55		9.66			7.74
16	8.33	9.41	9.54		9.74			7.71
17	8.39	9.40	9.54		9.65			7.72
18	8.43	9.37	9.53		9.73			7.71
19	8.49	9.37	9.52		9.73			7.72
20	8.62	9.36	9.52		9.73			7.73
21	8.69	9.48	9.56		9.75			7.75
22	8.79	9.45	9.57		9.74			7.75
23	8.89	9.43	9.56		9.74			7.74
24	8.95	9.42	9.56		9.67			7.73
25	9.02	9.46	9.56		9.76			7.72
26	9.15	9.42	9.55		9.74			7.72
27	9.34	9.43	9.57		9.78			7.77
28	9.44	9.48	9.57		9.75			7.72
29	9.51	9.48	9.56		9.68			7.72
30	9.64	9.53	9.60		9.76			7.75
31	9.80	9.57	9.61		9.76			7.85
Mean	8.38	9.43	9.56		9.73			7.77

Table III.4.3 (23) Hydrological Data 1/1991

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	10.03	9.53	9.61	9.40	9.75			7.86
2	10.07	9.50	9.59	9.44	9.70			7.76
3	10.20	9.50	9.59	9.43	9.75			7.80
4	10.20	9.52	9.61	9.46	9.75			7.85
5	10.26	9.56	9.61	9.50	9.76			7.85
6	10.30	9.52	9.60		9.76			7.85
7	10.46	9.51	9.60	9.45	9.76		7.91	7.80
8	10.62	9.52	9.60	9.45	9.75		7.93	7.81
9	10.79	9.50	9.59	9.42	9.75		7.93	7.78
10	10.95	9.48	9.59	9.41	9.75		7.93	7.77
11	11.11	9.47	9.59	9.40	9.66		7.93	7.77
12	11.31	9.45	9.60	9.37	9.70		7.94	7.76
13	11.61	9.48	9.63	9.37	9.66		7.94	7.76
14	11.80	9.49	9.60	9.41	9.75		7.94	7.82
15	12.00	9.48	9.65	9.39	9.70		7.94	7.81
16	12.20	9.46	9.62	9.37	9.68		7.95	7.75
17	12.43	9.56	9.62	9.37	9.77		7.95	7.80
18	12.62	9.51	9.67	9.43	9.67		7.95	7.80
19	12.82	9.52	9.65	9.46	9.71		7.95	7.82
20	12.89	9.54	9.63	9.43	9.75		7.95	7.84
21	13.18	9.66	9.65	9.48	9.88		7.96	7.82
22	13.28	9.60	9.66	9.59	9.76		7.96	7.79
23	13.44	9.58	9.65	9.55	9.71		7.97	7.84
24	13.61	9.58	9.64	9.53	9.71		7.98	7.92
25	13.67	9.55	9.64	9.49	9.73		7.98	7.96
26	13.90	9.59	9.69	9.56	9.76		7.99	8.03
27	14.16	9.55	9.66	9.50	9.76		8.00	8.10
28	14.39	9.53	9.64	9.48	9.76		8.02	8.17
29	14.69	9.59	9.68	9.56	9.79		8.10	8.25
30	15.02	9.56	9.67	9.53	9.75		8.10	8.30
31	15.28	9.54	9.66	9.49	9.76		8.12	8.39
Mean	12.23	9.53	9.63	9.46	9.74		7.97	7.89

Table III.4.3 (24) Hydrological Data 2/1991

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	15.44	9.55	9.66	9.50	9.76		8.17	8.78
2	15.70	9.53	9.64	9.47	9.75		8.19	8.79
3	15.87	9.52	9.64	9.45	9.74	8.26	8.21	8.79
4	16.03	9.52	9.69	9.44	9.69	8.33	8.25	8.87
5	16.20	9.51	9.68	9.44	9.74	8.54	8.29	8.92
6	16.52	9.51	9.65	9.43	9.75	8.63	8.32	8.99
7	16.75	9.51	9.69	9.42	9.75	8.66	8.37	9.08
8	17.05	9.69	9.74	9.57	9.81	8.74	8.40	9.18
9	17.44	9.62	9.69	9.61	9.78	8.77	8.49	9.24
10	17.90	9.70	9.75	9.62	9.80	9.04	8.61	9.32
11	18.59	9.77	9.77	9.66	9.83	9.49	9.42	9.43
12	18.82	9.66	9.74	9.68	9.77	9.57	9.49	9.45
13	18.92	9.61	9.73	9.58	9.77	9.61	9.51	9.46
14	19.15	9.72	9.76	9.80	9.78	9.70	9.60	9.56
15	19.38	9.65	9.73	9.66	9.75	9.71	9.67	9.57
16	19.51	9.66	9.73	9.66	9.78	9.71	9.68	9.60
17	19.74	9.77	9.74	9.87	9.81	9.78	9.69	9.62
18	19.74	9.63	9.43	9.63	9.77	9.78	9.74	9.65
19	19.77	9.58	9.71	9.54	9.70	9.79	9.75	9.66
20	19.77	9.55	9.71	9.51	9.76	9.82	9.81	9.68
21	19.84	9.55	9.68	9.51	9.71	9.83	9.83	9.69
22	19.90	9.53	9.69	9.48	9.73	9.84	9.82	9.71
23	20.00	9.51	9.70	9.45	9.73	9.86	9.82	9.73
24	20.07	9.54	9.65	9.43	9.70	9.86	9.82	9.76
25	20.10	9.56	9.68	9.50	9.68	9.87	9.82	9.77
26	20.16	9.60	9.69	9.58	9.74	9.90	9.88	9.79
27	20.23	9.57	9.67	9.52	9.72	9.91	9.88	9.80
28	20.30	9.56	9.71	9.49	9.73	9.92	9.90	9.82
29								
30								
31								
Mean	18.53	9.60	9.69	9.55	9.75	9.42	9.23	9.42

Table III.4.3 (25) Hydrological Data 3/1991

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	20.30	9.55	9.69	9.49	9.70	9.92	9.82	9.93
2	20.36	9.54	9.66	9.47	9.69	9.93	9.83	9.95
3	20.39	9.52	9.64	9.45	9.73	9.96	9.83	9.98
4	20.39	9.51	9.67	9.43	9.73	9.96	9.84	9.98
5	20.36	9.50	9.68	9.43	9.72	9.96	9.82	9.97
6	20.20	9.51	9.65	9.44	9.67	9.96	9.81	9.94
7	20.30	9.58	9.64	9.50	9.70	9.96	9.81	9.96
8	20.26	9.55	9.63	9.48	9.70	9.96	9.78	9.97
9	20.10	9.54	9.66	9.46	9.69	9.96	9.77	9.94
10	20.30	9.66	9.71	9.61	9.73	9.99	9.77	9.96
11	20.30	9.62	9.69	9.60	9.70	9.99	9.78	10.02
12	20.30	9.59	9.68	9.55	9.69	9.95	9.78	10.02
13	20.30	9.57	9.66	9.54	9.70	9.98	9.79	10.03
14	20.20	9.57	9.66	9.52	9.69	9.97	9.76	9.96
15	20.20	9.56	9.66	9.50	9.69	9.96	9.76	9.92
16	20.13	9.57	9.68	9.50	9.70	9.95	9.76	9.90
17	20.10	9.55	9.68	9.48	9.70	9.94	9.73	9.89
18	20.07	9.55	9.67	9.47	9.68	9.88	9.72	9.81
19	20.03	9.55	9.66	9.47	9.68	9.73	9.71	9.78
20	20.00	9.54	9.67	9.47	9.72	9.72	9.70	9.71
21	19.97	9.53	9.67	9.46	9.71	9.71	9.68	9.71
22	19.93	9.54	9.66	9.46	9.70	9.70	9.68	9.70
23	19.90	9.55	9.66	9.47	9.70	9.69	9.63	9.69
24	19.87	9.54	9.67	9.47	9.67	9.67	9.63	9.67
25	20.03	9.67	9.70	9.64	9.73	9.67	9.71	9.67
26	19.97	9.56	9.66	9.56	9.75	9.74	9.69	9.75
27	19.90	9.57	9.67	9.53	9.73	9.70	9.69	9.70
28	19.87	9.56	9.68	9.50	9.68	9.68	9.69	9.68
29	19.87	9.53	9.66	9.48	9.38	9.68	9.69	9.68
30	19.84	9.52	9.66	9.46	9.70	9.69	9.68	9.68
31	19.84	9.51	9.66	9.45	9.68	9.70	9.68	9.65
Mean	20.11	9.55	9.67	9.49	9.69	9.85	9.74	9.85

Table III.4.3 (26) Hydrological Data 4/1991

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	19.84	9.52	9.63	9.44	9.69	9.63	9.65	9.69
2	19.87	9.51	9.67	9.43	9.68	9.63	9.66	9.69
3	19.87	9.49	9.64	9.42	9.68	9.61	9.66	9.69
4	19.87	9.49	9.63	9.41	9.68	9.67	9.68	9.69
5	19.90	9.48	9.61	9.40	9.67	9.67	9.68	9.69
6	19.90	9.55	9.64	9.40	9.64	9.68	9.66	9.69
7	19.90	9.48	9.64	9.39	9.64	9.67	9.69	9.69
8	19.90	9.46	9.63	9.38	9.65	9.70	9.69	9.68
9	19.87	9.47	9.63	9.38	9.64	9.71	9.68	9.67
10	19.87	9.47	9.64	9.37	9.65	9.66	9.65	9.67
11	19.84	9.47	9.64	9.37	9.67	9.66	9.64	9.67
12	19.84	9.48	9.64	9.37	9.66	9.66	9.65	9.66
13	19.80	9.46	9.64	9.36	9.67	9.65	9.65	9.65
14	19.80	9.46	9.65	9.35	9.66	9.65	9.65	9.65
15	19.77	9.45	9.63	9.35	9.66	9.65	9.65	9.64
16	19.77	9.45	9.63	9.35	9.66	9.65	9.64	9.64
17	19.74	9.45	9.62	9.34	9.65	9.65	9.62	9.64
18	19.70	9.45	9.61	9.33	9.63	9.64	9.62	9.63
19	19.70	9.44	9.63	9.32	9.64	9.63	9.61	9.63
20	19.67	9.43	9.61	9.31	9.65	9.63	9.60	9.63
21	19.67	9.43	9.61	9.31	9.62	9.63	9.60	9.62
22	19.67	9.41	9.60	9.31	9.62	9.63	9.60	9.61
23	19.61	9.42	9.61	9.30	9.64	9.62	9.59	9.60
24	19.57	9.42	9.60	9.29	9.63	9.61	9.57	9.60
25	19.54	9.42	9.60	9.30	9.64	9.59	9.57	9.57
26	19.51	9.41	9.62	9.31	9.64	9.58	9.55	9.54
27	19.41	9.44	9.61	9.32	9.63	9.57	9.55	9.52
28	19.34	9.44	9.63	9.31	9.65	9.55	9.55	9.50
29	19.28	9.43	9.64	9.32	9.65	9.53	9.49	9.47
30	19.18	9.41	9.60	9.32	9.66	9.49	9.46	9.45
31								
Mean	19.71	9.46	9.63	9.35	9.65	9.63	9.62	9.63

Table III.4.3 (27) Hydrological Data 5/1991

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	19.11	9.43	9.60	9.32	9.65	9.48	9.48	9.42
2	19.02	9.44	9.59	9.31	9.66	9.45	9.44	9.39
3	18.92	9.44	9.62	9.31	9.65	9.42	9.42	9.36
4	18.79	9.44	9.61	9.31	9.64	9.39	9.39	9.34
5	18.72	9.43	9.61	9.30	9.70	9.37	9.37	9.30
6	18.59	9.43	9.62	9.31	9.65	9.35	9.34	9.29
7	18.49	9.42	9.63	9.30	9.65	9.29	9.29	9.25
8	18.39	9.43	9.63	9.31	9.66	9.26	9.27	9.22
9	18.26	9.43	9.60	9.30	9.68	9.23	9.24	9.20
10	18.13	9.43	9.60	9.30	9.67	9.22	9.22	9.17
11	18.00	9.43	9.60	9.30	9.70	9.19	9.22	9.13
12	17.90	9.43	9.62	9.31	9.65	9.18	9.19	9.11
13	17.74	9.43	9.62	9.30	9.64	9.14	9.15	9.08
14	17.57	9.43	9.62	9.30	9.65	9.11	9.11	9.05
15	17.44	9.43	9.62	9.30	9.65	9.08	9.09	9.01
16	17.31	9.43	9.63	9.29	9.65	9.07	9.08	8.99
17	17.18	9.43	9.61	9.29	9.66	9.04	9.05	8.96
18	17.02	9.41	9.66	9.29	9.69	9.02	9.04	8.93
19	16.85	9.44	9.65	9.29	9.68	9.01	9.04	8.91
20	16.69	9.41	9.63	9.29	9.67	8.98	9.01	8.88
21	16.52	9.41	9.64	9.30	9.66	8.96	8.99	8.85
22	16.36	9.42	9.63	9.30	9.66	8.95	8.98	8.83
23	16.20	9.42	9.67	9.29	9.66	8.94	8.97	8.80
24	16.00	9.42	9.61	9.30	9.66	8.92	8.97	8.78
25	15.87	9.41	9.61	9.30	9.66	8.91	8.97	8.76
26	15.64	9.41	9.60	9.29	9.73	8.90	8.94	8.74
27	15.48	9.41	9.59	9.28	9.73	8.87	8.91	8.72
28	15.28	9.41	9.59	9.30	9.73	8.87	8.91	8.69
29	15.08	9.41	9.58	9.29	9.73	8.85	8.89	8.65
30	14.89	9.41	9.59	9.29	9.73	8.83	8.88	8.65
31	14.72	9.40	9.58	9.28	9.74	8.81	8.88	8.62
Mean	17.17	9.42	9.61	9.30	9.68	9.10	9.12	9.00

Table III.4.3 (28) Hydrological Data 6/1991

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	14.393	9.40	9.58	9.28	9.74	8.79	8.85	8.61
2	14.131	9.39	9.60	9.27	9.74	8.78	8.84	8.59
3	13.902	9.39	9.60	9.27	9.74	8.77	8.83	8.57
4	13.705	9.40	9.60	9.30	9.73	8.75	8.81	8.54
5	13.705	9.42	9.61	9.31	9.74	8.74	8.80	8.51
6	13.148	9.41	9.60	9.29	9.74	8.74	8.80	8.49
7	12.951	9.41	9.60	9.29	9.74	8.72	8.78	8.46
8	12.820	9.42	9.60	9.29	9.73	8.71	8.77	8.43
9	12.590	9.41	9.60	9.31	9.74	8.69	8.75	8.42
10	12.426	9.40	9.60	9.31	9.74	8.68	8.75	8.39
11	12.197	9.40	9.60	9.30	9.74	8.66	8.74	8.36
12	12.066	9.41	9.60	9.31	9.75	8.65	8.73	8.35
13	11.836	9.41	9.60	9.30	9.74	8.63	8.72	8.33
14	11.705	9.44	9.60	9.34	9.73	8.62	8.69	8.30
15	11.541	9.42	9.60	9.33	9.74	8.60	8.67	8.27
16	11.344	9.40	9.60	9.30	9.74	8.60	8.67	8.25
17	11.180	9.40	9.60	9.30	9.75	8.58	8.66	8.23
18	11.082	9.40	9.61	9.30	9.75	8.57	8.65	8.21
19	10.984	9.41	9.61	9.30	9.75	8.56	8.64	8.20
20	10.885	9.41	9.62	9.33	9.75	8.55	8.63	8.18
21	10.754	9.44	9.62	9.33	9.74	8.53	8.62	8.16
22	10.656	9.43	9.62	9.33	9.75	8.52	8.62	8.14
23	10.557	9.43	9.62	9.32	9.75	8.51	8.61	8.11
24	10.426	9.43	9.62	9.32	9.76	8.51	8.61	8.09
25	10.361	9.42	9.63	9.32	9.75	8.49	8.57	8.07
26	10.262	9.42	9.63	9.31	9.75	8.49	8.56	8.06
27	10.197	9.41	9.63	9.31	9.76	8.47	8.55	8.04
28	10.098	9.41	9.63	9.31	9.73	8.47	8.55	8.03
29	10.000	9.42	9.62	9.32	9.73	8.46	8.53	8.02
30	9.934	9.41	9.63	9.31	9.71	8.45	8.53	8.01
31								
Mean	11.73	9.41	9.61	9.31	9.74	8.61	8.68	8.28

Table III.4.3 (29) Hydrological Data 7/1991

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	9.80	9.41	9.63	9.30	9.71	8.44	8.51	8.00
2	9.74	9.40	9.63	9.30	9.72	8.42	8.50	8.00
3	9.67	9.40	9.63	9.30	9.72	8.42	8.48	7.99
4	9.64	9.40	9.63	9.30	9.72	8.41		7.97
5	9.54	9.41	9.63	9.31	9.72	8.40		7.96
6	9.51	9.41	9.63	9.31	9.72	8.39		7.95
7	9.44	9.41	9.62	9.31	9.73	8.38		7.94
8	9.44	9.41	9.62	9.31	9.73	8.38		7.92
9	9.31	9.41	9.62	9.31	9.73	8.36		7.90
10	9.28	9.40	9.61	9.30	9.73	8.35		7.90
11	9.21	9.41	9.61	9.30	9.72	8.34		7.89
12	9.15	9.44	9.61	9.33	9.74	8.33		7.88
13	9.11	9.42	9.61	9.33	9.71	8.32		7.88
14	9.08	9.41	9.61	9.31	9.72	8.31		7.87
15	9.02	9.41	9.61	9.31	9.73	8.30		7.85
16	8.98	9.41	9.61	9.31	9.73	8.30		7.85
17	8.89	9.41	9.61	9.31	9.71	8.29		7.84
18	8.85	9.41	9.61	9.31	9.72	8.28		7.84
19	8.79	9.41	9.61	9.31	9.72	8.28		7.83
20	8.75	9.41	9.59	9.31	9.72	8.28		7.83
21	8.69	9.41	9.59	9.33	9.72	8.27		7.83
22	8.69	9.41	9.59	9.32	9.72	8.27		7.82
23	8.66	9.41	9.58	9.31	9.73	8.27		7.82
24	8.59	9.41	9.59	9.32	9.72	8.26		7.80
25	8.62	9.41	9.59	9.32	9.72	8.26		7.80
26	8.56	9.41	9.58	9.31	9.72	8.26		7.78
27	8.56	9.41	9.58	9.31	9.72	8.26		7.78
28	8.52	9.41	9.58	9.31	9.72	8.25		7.77
29	8.49	9.40	9.58	9.31	9.72	8.25		7.76
30	8.43	9.40	9.58	9.31	9.72	8.25		7.76
31	8.39	9.40	9.58	9.30	9.64	8.25		7.75
Mean	9.01	9.41	9.60	9.31	9.72	8.32	8.50	7.86

Table III.4.3 (30) Hydrological Data 8/1991

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	8.33	9.40	9.58	9.30	9.63			7.76
2	8.33	9.40	9.58	9.30	9.63			7.75
3	8.30	9.39	9.58	9.29	9.62			7.75
4	8.30	9.39	9.58	9.29	9.62			7.75
5	8.26	9.38	9.58	9.28	9.62			7.75
6	8.23	9.39	9.57	9.28	9.62			7.75
7	8.20	9.38	9.57	9.29	9.63			7.75
8	8.16	9.38	9.57	9.28	9.63			7.75
9	8.13	9.37	9.57	9.27	9.64			7.75
10	8.10	9.37	9.57	9.27	9.62			7.75
11	8.07	9.37	9.56	9.27	9.62			7.75
12	8.07	9.36	9.56	9.27	9.62			7.75
13	7.97	9.36	9.59	9.26	9.59			7.75
14	7.97	9.36	9.59	9.26	9.69			7.77
15	7.93	9.36	9.62	9.26	9.73			7.77
16	7.90	9.36	9.61	9.26	9.62			7.76
17	7.90	9.36	9.60	9.26	9.61			7.76
18	7.90	9.36	9.60	9.25	9.61			7.76
19	7.87	9.36	9.59	9.26	9.61			7.75
20	7.87	9.36	9.57	9.26	9.61			7.75
21	7.84	9.36	9.56	9.26	9.61			7.75
22	7.84	9.35	9.55	9.26	9.61			7.75
23	7.80	9.35	9.55	9.25	9.74			7.76
24	7.80	9.34	9.55	9.24	9.74			7.77
25	7.74	9.34	9.55	9.25	9.74			7.77
26	7.70	9.40	9.54	9.24	9.74			7.77
27	7.67	9.33	9.54	9.23	9.74			7.77
28	7.64	9.33	9.54	9.23	9.75			7.76
29	7.64	9.33	9.55	9.23	9.75			7.76
30	7.61	9.32	9.55	9.22	9.75			7.76
31	7.57	9.32	9.54	9.22	9.75			7.75
Mean	7.96	9.36	9.57	9.26	9.66			7.76

Table III.4.3 (31) Hydrological Data 9/1991

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	7.57	9.31	9.54	9.21	9.76			
2	7.54	9.31	9.50	9.20	9.76			
3	7.51	9.30	9.53	9.19	9.77			
4	7.44	9.30	9.53	9.19	9.76			
5	7.41	9.30	9.49	9.19	9.76			
6	7.38	9.29	9.52	9.18	9.76			
7	7.38	9.28	9.49	9.17	9.76			
8	7.34	9.28	9.52	9.16	9.76			
9	7.34	9.28	9.53	9.16	9.76			
10	7.28	9.28	9.52	9.17	9.77			
11	7.21	9.27	9.52	9.16	9.77			
12	7.25	9.26	9.52	9.15	9.76			
13	7.25	9.26	9.52	9.15	9.77			
14	7.21	9.26	9.52	9.15	9.74			
15	7.18	9.27	9.52	9.15	9.75			
16	7.18	9.28	9.53	9.17	9.75			
17	7.15	9.28	9.52	9.17	9.73			
18	7.11	9.27	9.51	9.16	9.73			
19	7.08	9.26	9.51	9.15	9.73			
20	7.08	9.26	9.51	9.14	9.74			
21	7.05	9.26	9.52	9.14	9.75			
22	7.02	9.25	9.52	9.13	9.75			
23	6.98	9.24	9.51	9.12	9.76			
24	6.98	9.25	9.54	9.12	9.76			
25	6.98	9.24	9.49	9.12	9.75			
26	6.98	9.22	9.52	9.10	9.75			
27	6.95	9.22	9.50	9.09	9.74			
28	6.95	9.22	9.50	9.09	9.75			
29	6.92	9.22	9.50	9.09	9.75			
30	6.92	9.21	9.49	9.08	9.75			
31								
Mean	7.19	9.26	9.51	9.15	9.75			

Table III.4.3 (32) Hydrological Data 10/1991

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	6.89	9.20	9.46	9.07	9.75			
2	6.89	9.19	9.46	9.06	9.75			
3	6.89	9.19	9.45	9.07	9.72			
4	6.85	9.18	9.44	9.03	9.73			
5	6.82	9.17	9.44	9.03	9.73			
6	6.79	9.18	9.44	9.02	9.70			
7	6.79	9.17	9.43	9.02	9.70			
8	6.75	9.17	9.41	9.00	9.69			
9	6.75	9.15	9.41	9.00	9.67			
10	6.75	9.15	9.42		9.70			
11	6.79	9.15	9.43		9.69			
12	6.79	9.14	9.42		9.67			
13	6.75	9.14	9.42		9.68			
14	6.75	9.13	9.42		9.71			
15	6.72	9.19	9.47		9.73			
16	6.72	9.19	9.47		9.75			
17	6.69	9.20	9.48		9.74			
18	6.72	9.20	9.47		9.74			
19	6.69	9.19	9.47		9.73			
20	6.69	9.19	9.47		9.69			
21	6.75	9.21	9.48		9.74			
22	6.79	9.22	9.49		9.75			
23	6.89	9.20	9.48		9.74			
24	6.92	9.19	9.47		9.74			
25	6.98	9.17	9.45		9.73			
26	6.98	9.15	9.44		9.71			
27	7.02	9.16	9.45		9.70			
28	7.02	9.15	9.43		9.71			
29	7.05	9.14	9.43		9.71			
30	7.11	9.14	9.43		9.72			
31	7.15	9.14	9.44		9.73			
Mean	6.84	9.17	9.45	9.03	9.72			

Table III.4.3 (33) Hydrological Data 11/1991

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	7.21	9.14	9.44		9.74			
2	7.25	9.15	9.45		9.74			
3	7.31	9.20	9.49	9.03	9.77			
4	7.34	9.20	9.49	9.06	9.76			
5	7.34	9.21	9.48	9.06	9.74			
6	7.38	9.38	9.59	9.25	9.79			
7	7.39	9.35	9.59	9.22	9.79			
8	7.38	9.33	9.59	9.21	9.77			
9	7.38	9.32	9.57	9.19	9.77			
10	7.41	9.29	9.56	9.15	9.75			
11	7.44	9.28	9.56	9.15	9.76			
12	7.48	9.30	9.56	9.15	9.77			
13	7.54	9.30	9.57	9.17	9.77			
14	7.57	9.28	9.56	9.15	9.76			
15	7.57	9.28	9.55	9.15	9.76			
16	7.64	9.29	9.55	9.13	9.77			
17	7.67	9.33	9.57	9.18	9.78			
18	7.70	9.33	9.58	9.20	9.74			
19	7.80	9.32	9.58	9.20	9.74			
20	7.80	9.32	9.58	9.20	9.76			
21	7.80	9.32	9.58	9.20	9.77			
22	7.87	9.34	9.59	9.19	9.77			
23	7.93	9.34	9.60	9.21	9.77			
24	7.93	9.37	9.61	9.24	9.75			
25	7.90	9.39	9.60	9.24	9.68			
26	8.00	9.34	9.57	9.23	9.75			
27	8.10	9.38	9.60	9.25	9.76			
28	8.10	9.36	9.60	9.25	9.76			
29	8.10	9.36	9.60	9.24	9.76			
30	8.16	9.35	9.57	9.23	9.76			
31								
Mean	7.65	9.31	9.56	9.18	9.76			

Table III.4.3 (34) Hydrological Data 12/1991

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	8.20	9.34	9.57	9.23	9.78			
2	8.20	9.32	9.56	9.19	9.78			
3	8.23	9.30	9.54	9.17	9.75			
4	8.23	9.31	9.61	9.11	9.68			
5	8.33	9.30	9.58	9.13	9.70			
6	8.39	9.30	9.56	9.15	9.72			
7	8.49	9.38	9.58	9.23	9.79			
8	8.59	9.36	9.57	9.23	9.75			
9	8.69	9.46	9.62	9.35	9.77			
10	8.79	9.41	9.61	9.32	9.75			
11	8.85	9.43	9.61	9.33	9.76			
12	8.82	9.48	9.62	9.36	9.77			
13	8.82	9.50	9.62	9.38	9.72			
14	8.89	9.47	9.61	9.35	9.75			
15	9.02	9.44	9.61	9.34	9.76			
16	9.02	9.58	9.65	9.53	9.75			
17	9.05	9.52	9.69	9.46	9.72			
18	9.11	9.52	9.63	9.42	9.76			
19	9.31	9.53	9.64	9.45	9.77			
20	9.57	9.61	9.68	9.55	9.70			
21	9.90	9.65	9.71	9.65	9.76	7.60	7.83	
22	10.00	9.59	9.66	9.57	9.77	7.91	7.89	
23	10.16	9.61	9.65	9.59	9.78	8.00	7.94	
24	10.62	9.71	9.71	9.78	9.82	8.05	8.09	
25	10.66	9.61	9.67	9.62	9.78	8.14	8.24	
26	10.66	9.62	9.67	9.64	9.74	8.24	8.24	
27	10.66	9.57	9.66	9.55	9.71	8.35	8.25	
28	10.69	9.55	9.65	9.50	9.68	8.24	8.24	
29	10.69	9.53	9.63	9.48	9.67	8.23	8.23	
30	10.75	9.51	9.64	9.45	9.73	8.20	8.23	
31	10.85	9.55	9.63	9.49	9.68	8.18	8.23	
Mean	9.36	9.49	9.63	9.41	9.74	8.10	8.13	

Table III.4.3 (35) Hydrological Data 1/1992

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	10.95	9.54	9.63	9.46	9.64	8.17	8.22	
2	11.08	9.51	9.64	9.43	9.67	8.15	8.21	
3	11.15	9.54	9.64	9.47	9.66	8.13	8.18	
4	11.25	9.52	9.63	9.43	9.60	8.12	8.17	
5	11.34	9.56	9.66	9.48	9.70	8.11	8.16	
6	11.51	9.63	9.68	9.64	9.70	8.10	8.15	
7	11.61	9.59	9.66	9.55	9.67	8.09	8.14	
8	11.70	9.57	9.66	9.50	9.68	8.08	8.13	
9	11.84	9.56	9.66	9.49	9.69	8.08	8.11	
10	11.93	9.54	9.64	9.46	9.69	8.09	8.15	
11	12.03	9.53	9.63	9.44	9.71	8.04	8.08	
12	12.20	9.55	9.63	9.46	9.66	8.06	8.09	
13	12.30	9.53	9.63	9.44	9.71	8.07	8.10	
14	12.43	9.52	9.61	9.42	9.67	8.06	8.09	
15	12.56	9.51	9.62	9.40	9.63	8.06	8.09	
16	12.69	9.52	9.62	9.41	9.70	8.05	8.08	
17	12.82	9.53	9.63	9.44	9.70	8.04	8.07	
18	12.98	9.52	9.65	9.42	9.70	8.03	8.07	
19	13.41	9.54	9.63	9.41	9.69	8.03	8.07	
20	13.21	9.53	9.63	9.40	9.70	8.02	8.05	
21	13.28	9.64	9.63	9.40	9.70	8.01	8.05	
22	13.41	9.52	9.63	9.40	9.70	8.00	8.04	
23	13.67	9.66	9.67	9.52	9.76	8.10	8.04	
24	13.77	9.58	9.66	9.51	9.73	8.10	8.13	
25	13.84	9.54	9.67	9.46	9.69	8.14	8.17	
26	14.10	9.57	9.68	9.47	9.72	8.17	8.18	
27	14.16	9.55	9.67	9.48	9.72	8.19	8.22	
28	14.20	9.53	9.67	9.45	9.70	8.19	8.22	
29	14.26	9.51	9.66	9.42	9.71	8.19	8.22	
30	14.30	9.50	9.63	9.40	9.69	8.19	8.22	
31	14.36	9.48	9.64	9.38	9.69	8.19	8.22	
Mean	12.72	9.55	9.64	9.45	9.69	8.10	8.13	

Table III.4.3 (36) Hydrological Data 2/1992

Day	Little Zambezi at Matongo (ft)	Namushakende (m)				Lealui (m)		
		Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	14.43	9.48	9.64	9.38	9.70	8.18	8.22	
2	14.49	9.49	9.63	9.37	9.70	8.16	8.19	
3	14.56	9.56	9.70	9.33	9.73	8.17	8.21	
4	14.66	9.59	9.65	9.51	9.71	8.18	8.22	
5	14.69	9.63	9.68	9.55	9.75	8.20	8.24	
6	14.75	9.62	9.62	9.51	9.70	8.22	8.24	
7	14.79	9.55	9.62	9.47	9.70	8.23	8.24	
8	14.89	9.54	9.64	9.46	9.68	8.24	8.24	
9	14.92	9.52	9.65	9.44	9.69	8.22	8.24	
10	14.98	9.50	9.65	9.42	9.69	8.22	8.24	
11	15.02	9.48	9.64	9.40	9.62	8.25	8.24	
12	15.11	9.48	9.64	9.38	9.66	8.23	8.23	
13	15.21	9.48	9.64	9.38	9.69	8.24	8.24	
14	15.28	9.47	9.63	9.37	9.69	8.25	8.25	
15	15.38	9.48	9.63	9.37	9.64	8.27	8.25	
16	15.48	9.48	9.66	9.37	9.73	8.28	8.26	
17	15.57	9.53	9.67	9.39	9.71	8.29	8.26	
18	15.74	9.49	9.64	9.39	9.73	8.38	8.27	
19	15.84	9.55	9.67	9.40	9.79	8.38	8.28	
20	15.97	9.51	9.69	9.43	9.78	8.42	8.29	
21	16.13	9.54	9.69	9.45	9.72	8.43	8.32	
22	16.26	9.52	9.66	9.44	9.69	8.47	8.34	
23	16.36	9.50	9.64	9.42	9.69	8.48	8.37	
24	16.46	9.48	9.62	9.39	9.68	8.51	8.41	
25	16.56	9.48	9.63	9.38	9.68	8.56	8.41	
26	16.66	9.47	9.65	9.37	9.68	8.60	8.49	
27	16.72	9.46	9.62	9.36	9.69	8.60	8.44	
28	16.75	9.47	9.62	9.37	9.68	8.60	8.45	
29	16.82	9.46	9.62	9.36	9.68	8.63	8.48	
30								
31								
Mean	15.53	9.51	9.65	9.41	9.70	8.34	8.30	

Table III.4.3 (37) Hydrological Data 3/1992

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	16.89	9.49	9.62	9.39	9.68	8.67	8.49	
2	16.95	9.47	9.62	9.37	9.68	8.69	8.52	
3	16.98	9.45	9.63	9.35	9.68	8.70	8.56	
4	17.02	9.48	9.63	9.38	9.74	8.74	8.59	
5	17.02	9.48	9.62	9.38	9.69	8.79	8.61	
6	17.02	9.47	9.64	9.37	9.68	8.79	8.63	
7	17.02	9.44	9.61	9.35	9.67	8.79	8.65	
8	17.02	9.48	9.61	9.34	9.67	8.77	8.65	
9	16.98	9.46	9.60	9.33	9.68	8.77	8.65	
10	16.98	9.44	9.59	9.33	9.68	8.77	8.67	
11	16.92	9.43	9.60	9.32	9.68	8.78	8.68	
12	16.89	9.47	9.64	9.36	9.68	8.79	8.68	
13	16.89	9.47	9.64	9.37	9.68	8.79	8.69	
14	16.82	9.44	9.67	9.35	9.71	8.79	8.69	
15	16.79	9.49	9.64	9.37	9.67	8.79	8.70	
16	16.75	9.46	9.64	9.37	9.67	8.79	8.70	
17	16.69	9.51	9.65	9.41	9.68	8.79	8.71	
18	16.66	9.53	9.66	9.45	9.68	8.78	8.71	
19	16.62	9.54	9.65	9.46	9.69	8.78	8.71	
20	16.62	9.57	9.66	9.44	9.70	8.89	8.76	
21	16.66	9.55	9.68	9.48	9.70	8.90	8.80	
22	16.59	9.55	9.65	9.48	9.70	8.90	8.80	
23	16.59	9.63	9.68	9.58	9.71	8.92	8.84	
24	16.59	9.59	9.66	9.55	9.72	8.93	8.85	
25	16.56	9.56	9.65	9.52	9.71	8.86	8.86	
26	16.52	9.56	9.64	9.50	9.70	8.84	8.85	
27	16.52	9.54	9.64	9.47	9.70	8.82	8.81	
28	16.49	9.52	9.63	9.45	9.69	8.82	8.79	
29	16.43	9.58	9.66	9.53	9.69	8.81	8.76	
30	16.49	9.61	9.66	9.56	9.69	8.89	8.80	
31	16.49	9.58	9.68	9.54	9.69	8.97	8.83	
Mean	16.76	9.51	9.64	9.42	9.69	8.81	8.71	

Table III.4.3 (38) Hydrological Data 4/1992

	Little Zambezi	Namushakende (m)				Lealui (m)		
Day	at Matongo (ft)	Field M-3	Field E-3	Field W-2	M.Canal	Field N-1	Field N-8	Canal
1	16.46	9.55	9.67	9.50	9.68	8.88	8.36	
2	16.49	9.53	9.65	9.46	9.68	8.90	8.89	
3	16.49	9.53	9.65	9.45	9.67	8.92	8.92	
4	16.46	9.51	9.64	9.44	9.75	8.88	8.88	
5	16.43	9.50	9.63	9.42	9.69	8.85	8.86	
6	16.39	9.50	9.62	9.41	9.69	8.83	8.82	
7	16.39	9.47	9.61	9.39	9.75	8.81	8.81	
8	16.39	9.48	9.61	9.39	9.69	8.80	8.80	
9	16.39	9.47	9.61	9.38	9.69	8.79	8.79	8.79
10	16.39	9.47	9.61	9.37	9.70	8.78	8.77	8.79
11	16.39	9.47	9.61	9.37	9.70	8.78	8.77	8.80
12	16.39	9.47	9.60	9.37	9.70	8.78	8.76	8.80
13	16.43	9.45	9.62	9.36	9.70	8.78	8.75	8.81
14	16.39	9.44	9.64	9.35	9.67	8.78	8.75	8.82
15	16.43	9.43	9.62	9.34	9.69	8.78	8.75	8.83
16	16.49	9.43	9.61	9.33	9.70	8.77	8.74	8.83
17	16.49	9.43	9.60	9.32	9.69	8.78	8.74	8.83
18	16.49	9.42	9.59	9.32	9.70	8.77	8.73	8.93
19	16.49	9.41	9.59	9.32	9.70	8.77	8.73	8.83
20	16.52	9.40	9.59	9.31	9.70	8.77	8.73	8.84
21	16.52	9.40	9.63	9.30	9.69	8.76	8.73	8.84
22	16.52	9.41	9.59	9.30	9.70	8.72	8.74	8.84
23	16.56	9.39	9.59	9.29	9.70	8.72	8.75	8.84
24	16.56	9.39	9.63	9.29	9.66	8.81	8.74	8.85
25	16.56	9.38	9.62	9.28	9.68	8.81	8.74	8.84
26	16.52	9.40	9.59	9.28	9.68	8.78	8.74	8.84
27	16.52	9.39	9.59	9.27	9.69	8.78	8.73	8.83
28	16.52	9.39	9.61	9.28	9.69	8.78	8.73	8.83
29	16.49	9.38	9.61	9.27	9.69	8.78	8.73	8.82
30	16.49	9.38	9.61	9.27	9.74	8.78	8.73	
31								
Mean	16.47	9.44	9.61	9.35	9.70	8.80	8.76	8.83