

Annual Mean Discharge (32 Years : 1959/60 - 1990/91)

(3/4)

AREAS	BASINS	No.	ST.	POINT & STATION NAME	AREA(km ²)	79/80	80/81	81/82	82/83	83/84	84/85	85/86	86/87	87/88	88/89
UPPER ZAMBEZI	(1)			Cholose	73,512	749	483	285	237	395	382	413	481	370	688
"	"	(2)	1-150	St. Zambezi Pump House	87,275	890	573	338	281	469	453	490	571	440	816
"	"	(3)		Zambezi R. Portion	90,353	921	593	350	291	486	469	508	591	455	845
"	"	(4)	1-650	St. Kabompo Bona	42,740	293	240	109	201	124	153	181	243	208	153
"	"	(5)		Kabompo R. Portion	45,029	296	247	118	201	126	157	184	241	207	155
"	"	(6)		Dongwe R. Portion	20,568	28	62	74	1	15	35	26	-17	-6	20
"	"	(7)		Confluence	65,597	325	309	191	201	141	192	210	224	201	176
"	"	(8)	1-950	St. Matopa Pontoon	66,449	326	312	194	201	142	193	211	223	201	177
"	"	(9)		Kabompo R. Portion	72,347	334	329	216	201	146	203	218	218	199	182
"	"	(10)		Confluence	162,700	1255	922	566	492	632	673	726	810	654	1028
"	"	(11)	2-030	St. LukuLu	206,531	1003	795	578	637	594	626	628	708	671	871
"	"	(12)		Zambezi R. Portion	228,076	1031	833	629	645	639	700	674	780	722	896
"	"	(13)	2-250	St. Kalabo	34,621	76	78	32	40	38	51	47	38	65	175
"	"	(14)		Luanginga R. Portion	41,233	85	89	48	43	51	73	61	61	80	183
"	"	(15)		Confluence	269,309	1115	922	677	688	691	773	735	840	802	1080
"	"	(16)	2-400	St. Senanga	278,298	1127	938	699	692	709	804	754	870	823	1090
"	KAFUE	(21)	4-050	St. Raglan Farm	4,999	57	35	21	29	21	30	43	37	26	28
"	"	(22)		Kafue R. Portion	7,730	92	64	46	64	50	76	98	75	56	69
"	"	(23)	4-120	St. Mwanbashi	869	8	10	5	6	4	9	13	7	6	6
"	"	(24)	4-130	St. Smith's Bridge	8,599	101	74	51	70	54	85	111	82	61	75
"	"	(25)	4-200	St. Mpatamato	11,655	123	109	58	76	60	121	176	80	78	90
"	"	(26)	4-280	St. Machiya Ferry	22,920	196	174	90	103	79	178	196	117	114	134
"	"	(27)		Kafue R. Portion	24,582	207	183	95	107	83	185	203	120	118	139
"	"	(28)		Luswishi R. Portion	8,866	58	49	26	20	20	34	38	21	25	27
"	"	(29)		Confluence	33,448	265	233	121	127	103	219	241	141	143	167
"	"	(30)	4-350	St. Chilenga	34,162	270	237	123	129	104	222	244	143	145	169
"	"	(31)	4-450	St. Lubungu	54,442	279	269	128	125	111	212	237	148	139	164
"	"	(32)	4-560	St. Chifumpa Pontoon	21,445	145	125	56	44	51	111	120	74	89	71
"	"	(33)		Lunga R. Portion	24,416	147	135	62	48	55	109	115	72	92	70
"	"	(34)		Confluence	78,858	426	405	190	173	166	321	352	220	231	235
"	"	(35)	4-669	St. Kafue Hook Bridge	95,053	440	461	221	193	190	310	324	209	245	234
"	LOWER ZAMBEZI	(17)		Livingstone	466,324	1486	1325	791	816	816	898	899	977	936	1468
"	"	(18)		In (Kariba Dam)	608,634	1772	1972	844	902	919	1312	1240	1053	1233	1828
"	"	(18E)		Evaporation	---	285	303	331	305	294	282	247	278	262	260
"	"	(18S)		Storage	---	14	13	-456	-434	-342	57	82	-64	216	510
"	"	(19)		Out (Kariba Dam)	---	1473	1657	969	1031	967	972	911	839	755	1057
"	"	(20)		Zambezi R. Portion	612,724	1481	1676	971	1033	970	984	921	841	764	1067
"	KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	466	469	193	171	158	329	319	199	242	242
"	"	(36E)		Evaporation	---	18	19	18	17	14	15	18	18	18	17
"	"	(36S)		Storage	---	3	-2	-33	-24	-48	79	21	-20	0	6
"	"	(37)		Out (Itezhi-tezhi Dam)	---	444	452	208	178	193	236	281	201	224	219
"	"	(38)		In (Kafue Gorge Dam)	151,576	520	661	216	182	178	203	312	214	197	328
"	"	(38E)		Evaporation	---	31	38	35	19	12	25	39	36	31	27
"	"	(38S)		Storage	---	18	1	-10	-5	2	11	2	1	-2	-7
"	"	(39)		Out (Kafue Gorge Dam)	---	471	622	191	169	164	168	271	177	168	308
"	"	(40)		Kafue R. Portion	154,882	477	637	192	170	166	178	279	178	175	316
"	ZAMBEZI	(41)		Confluence	767,606	1959	2313	1163	1204	1136	1161	1200	1020	938	1383
"	"	(42)		Zambezi R. Portion	786,686	1997	2399	1170	1215	1150	1217	1246	1030	978	1432
"	LUANGWA	(43)	5-940	St. Luangwa Bridge	143,781	722	563	407	363	342	707	962	469	582	831
"	"	(44)		Luangwa R. Portion	150,586	756	590	426	380	359	740	1008	492	610	870
"	ZAMBEZI	(45)		Confluence	937,272	2753	2989	1596	1595	1509	1957	2253	1522	1588	2301

Annual Mean Discharge (32 Years : 1959/60 - 1990/91)

(A/4)

AREAS	BASINS	No.	ST.	POINT & STATION NAME	AREA(km ²)	89/90	90/91	MEAN	MAX.	MIN.	STD.	FLUCT.COEFF.
UPPER ZAMBEZI	(1)			Cholosa	73,512	234	443	584	1,096	234	219	0.38
"	"	(2)	1-150	St. Zambezi Pump House	87,275	278	526	693	1,301	278	261	0.38
"	"	(3)		Zambezi R. Portion	90,353	288	544	718	1,347	288	270	0.38
"	"	(4)	1-650	St. Kabompo Boma	42,740	140	172	219	451	103	75	0.34
"	"	(5)		Kabompo R. Portion	45,029	141	175	223	465	116	77	0.35
"	"	(6)		Dongwe R. Portion	20,568	10	27	39	127	-17	34	0.86
"	"	(7)		Confluence	65,597	151	201	263	592	120	103	0.39
"	"	(8)	1-950	St. Matopa Pontoon	66,449	152	202	264	597	120	104	0.39
"	"	(9)		Kabompo R. Portion	72,347	154	210	275	634	121	112	0.41
"	"	(10)		Confluence	162,700	442	754	993	1,871	442	362	0.36
"	"	(11)	2-030	St. Lukulu	206,531	514	670	808	1,125	514	177	0.22
"	"	(12)		Zambezi R. Portion	228,076	566	690	868	1,189	566	180	0.21
"	"	(13)	2-250	St. Kalabo	34,621	34	39	74	175	13	41	0.56
"	"	(14)		Luanginga R. Portion	41,233	50	46	93	200	25	41	0.45
"	"	(15)		Confluence	269,309	617	736	961	1,390	617	214	0.22
"	"	(16)	2-400	St. Senanga	278,298	638	745	986	1,433	637	216	0.22
"	KAFUE	(21)	4-050	St. Raglan Farm	4,998	15	21	37	80	10	18	0.49
"	"	(22)		Kafue R. Portion	7,730	71	69	72	127	28	26	0.36
"	"	(23)	4-120	St. Mwanbashi	869	4	5	8	15	3	3	0.41
"	"	(24)	4-130	St. Smith's Bridge	8,599	74	74	79	142	31	29	0.36
"	"	(25)	4-200	St. Mpatanato	11,655	54	79	98	178	35	40	0.40
"	"	(26)	4-280	St. Machiya Ferry	22,920	74	106	145	298	47	61	0.42
"	"	(27)		Kafue R. Portion	24,582	77	109	151	312	49	64	0.43
"	"	(28)		Luswishi R. Portion	8,866	16	14	35	78	10	17	0.48
"	"	(29)		Confluence	33,448	93	123	186	390	59	81	0.43
"	"	(30)	4-350	St. Chilenga	34,162	94	124	189	396	59	82	0.43
"	"	(31)	4-450	St. Lubungu	54,442	93	114	199	414	62	89	0.45
"	"	(32)	4-560	St. Chifumpa Pontoon	21,445	54	68	99	245	26	57	0.58
"	"	(33)		Lunga R. Portion	24,416	57	70	105	284	33	59	0.56
"	"	(34)		Confluence	78,858	150	184	304	634	94	145	0.48
"	"	(35)	4-689	St. Kafue Hook Bridge	95,053	163	197	336	832	128	161	0.48
LOWER ZAMBEZI	(17)			Livingstone	466,324	701	917	1003	1,486	701	257	0.26
"	"	(18)		In (Kariba Dam)	608,634	970	1066	1259	1,972	844	374	0.30
"	"	(18E)		Evaporation	---	296	277	285	331	247	22	0.08
"	"	(18S)		Storage	---	-382	-118	-75	510	-456	278	-3.69
"	"	(19)		Out (Kariba Dam)	---	1055	906	1049	1,657	755	248	0.24
"	"	(20)		Zambezi R. Portion	612,724	1063	910	1057	1,676	764	251	0.24
"	KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	164	182	261	469	158	107	0.41
"	"	(36E)		Evaporation	---	17	16	17	19	14	1	0.08
"	"	(36S)		Storage	---	-25	-2	-4	79	-48	31	-8.08
"	"	(37)		Out (Itezhi-tezhi Dam)	---	171	168	248	452	168	94	0.38
"	"	(38)		In (Kafue Gorge Dam)	151,576	213	162	282	661	162	149	0.53
"	"	(38E)		Evaporation	---	31	24	29	39	12	8	0.27
"	"	(38S)		Storage	---	-5	-2	0	18	-10	7	25.37
"	"	(39)		Out (Kafue Gorge Dam)	---	187	140	253	622	140	142	0.56
"	"	(40)		Kafue R. Portion	154,882	193	144	259	637	144	145	0.56
"	ZAMBEZI	(41)		Confluence	767,606	1256	1054	1316	2,313	938	389	0.30
"	"	(42)		Zambezi R. Portion	786,686	1292	1074	1350	2,399	978	405	0.30
"	LUANGWA	(43)	5-940	St. Luangwa Bridge	143,781	1505	373	626	1,505	301	282	0.45
"	"	(44)		Luangwa R. Portion	150,586	1577	390	656	1,577	316	295	0.45
"	ZAMBEZI	(45)		Confluence	937,272	2869	1464	2033	2,989	1464	555	0.27

Annual Mean Discharge (12 Years : 1979/80 - 1990/91)

(1/2)

AREAS	BASINS	No.	ST.	POINT & STATION NAME	AREA(km ²)	79/80	80/81	81/82	82/83	83/84	84/85	85/86	86/87	87/88	88/89
UPPER ZAMBEZI	(1)			Cholose	73,512	749	483	285	237	395	382	413	481	370	688
"	(2)	1-150		St. Zambezi Pump House	87,275	890	573	338	281	469	453	490	571	440	816
"	(3)			Zambezi R. Portion	90,353	921	593	350	291	486	469	508	591	455	845
"	(4)	1-650		St. Kabompo Bona	42,740	293	240	109	201	124	153	181	243	208	153
"	(5)			Kabompo R. Portion	45,029	296	247	118	201	126	157	184	241	207	155
"	(6)			Dongwe R. Portion	20,568	28	62	74	1	15	35	26	-17	-6	20
"	(7)			Confluence	65,597	325	309	191	201	141	192	210	224	201	176
"	(8)	1-950		St. Watopa Pontoon	66,449	326	312	194	201	142	193	211	223	201	177
"	(9)			Kabompo R. Portion	72,347	334	329	216	201	146	203	218	218	199	182
"	(10)			Confluence	162,700	1255	922	566	492	632	673	726	810	654	1028
"	(11)	2-030		St. Lukulu	206,531	1003	795	578	637	594	626	628	708	671	871
"	(12)			Zambezi R. Portion	228,076	1031	833	629	645	639	700	674	780	722	896
"	(13)	2-250		St. Kalabo	34,621	76	78	32	40	38	51	47	38	65	175
"	(14)			Luanginga R. Portion	41,233	85	89	48	43	51	73	61	61	80	183
"	(15)			Confluence	269,309	1115	922	677	688	691	773	735	840	802	1080
"	(16)	2-400		St. Senanga	278,298	1127	938	699	692	709	804	754	870	823	1090
KAFUE	(21)	4-050		St. Raglan Farm	4,999	57	35	21	29	21	30	43	37	26	28
"	(22)			Kafue R. Portion	7,730	92	64	46	63	49	75	97	74	55	68
"	(23)	4-120		St. Mwanbashi	869	8	10	5	6	4	9	13	7	6	6
"	(24)	4-130		St. Smith's Bridge	8,599	100	74	50	69	53	84	110	82	61	74
"	(25)	4-200		St. Mpatamato	11,655	123	109	58	76	60	121	176	80	78	90
"	(26)	4-280		St. Mshiya Ferry	22,920	196	174	90	103	79	178	196	117	114	134
"	(27)			Kafue R. Portion	24,582	207	183	95	107	83	185	203	120	118	139
"	(28)			Luwishi R. Portion	8,866	58	49	26	20	20	34	38	21	25	27
"	(29)			Confluence	33,448	265	233	121	127	103	219	241	141	143	167
"	(30)	4-350		St. Chilenga	34,162	270	237	123	129	104	222	244	143	145	169
"	(31)	4-450		St. Lubungu	54,442	279	269	128	125	111	212	237	148	139	164
"	(32)	4-560		St. Chifumpa Pontoon	21,445	145	125	56	44	51	90	105	74	89	71
"	(33)			Lunga R. Portion	24,416	147	135	62	48	55	91	102	72	92	70
"	(34)			Confluence	78,858	426	405	190	173	166	303	340	220	231	235
"	(35)	4-669		St. Kafue Hook Bridge	95,053	440	461	221	193	190	310	324	209	245	234
LOWER ZAMBEZI	(17)			Livingstone	466,324	1486	1325	791	816	816	898	899	977	936	1468
"	(18)			In (Kariba Dam)	608,634	1772	1972	844	902	919	1312	1240	1053	1233	1828
"	(18E)			Evaporation	---	285	303	331	305	294	282	247	278	262	260
"	(18S)			Storage	---	14	13	-456	-434	-342	57	82	-64	216	510
"	(19)			Out (Kariba Dam)	---	1473	1657	969	1031	967	972	911	839	755	1057
"	(20)			Zambezi R. Portion	612,724	1481	1676	971	1033	970	984	921	841	764	1067
KAFUE	(36)			In (Itezhi-tezhi Dam)	105,672	466	469	193	171	158	329	319	199	242	242
"	(36E)			Evaporation	---	18	19	18	17	14	15	18	18	18	17
"	(36S)			Storage	---	3	-2	-33	-24	-48	79	21	-20	0	6
"	(37)			Out (Itezhi-tezhi Dam)	---	444	452	208	178	193	236	281	201	224	219
"	(38)			In (Kafue Gorge Dam)	151,576	520	661	216	182	178	203	312	214	197	328
"	(38E)			Evaporation	---	31	38	35	19	12	25	39	36	31	27
"	(38S)			Storage	---	18	1	-10	-5	2	11	2	1	-2	-7
"	(39)			Out (Kafue Gorge Dam)	---	471	622	191	169	164	168	271	177	168	308
"	(40)			Kafue R. Portion	154,882	477	637	192	170	166	178	279	178	175	316
ZAMBEZI	(41)			Confluence	767,606	1959	2313	1163	1204	1136	1161	1200	1020	938	1383
"	(42)			Zambezi R. Portion	786,686	1997	2399	1170	1215	1150	1217	1246	1030	978	1432
LUANGWA	(43)	5-940		St. Luangwa Bridge	143,781	722	563	407	363	342	707	962	469	582	831
"	(44)			Luangwa R. Portion	150,586	756	590	426	380	359	740	1008	492	610	870
ZAMBEZI	(45)			Confluence	937,272	2753	2989	1596	1595	1509	1957	2253	1522	1588	2301

Annual Mean Discharge (12 Years : 1979/80 - 1990/91)

(2/2)

AREAS	BASINS	No.	ST.	POINT & STATION NAME	AREA(km ²)	89/90	90/91	MEAN	MAX.	MIN.	STD.	FLUCT.COEFF.
UPPER ZAMBEZI	(1)			Cholose	73,512	234	443	430	749	234	152	0.35
"	"	(2)	1-150	St. Zambezi Pump House	87,275	278	526	510	890	278	181	0.35
"	"	(3)		Zambezi R. Portion	90,353	288	544	528	921	288	187	0.35
"	"	(4)	1-650	St. Kabonpo Boma	42,740	140	172	185	293	109	52	0.28
"	"	(5)		Kabonpo R. Portion	45,029	141	175	187	296	118	51	0.27
"	"	(6)		Dongwe R. Portion	20,568	10	27	23	74	-17	25	1.09
"	"	(7)		Confluence	65,597	151	201	210	325	141	53	0.25
"	"	(8)	1-950	St. Watopa Pontoon	66,449	152	202	211	326	142	53	0.25
"	"	(9)		Kabonpo R. Portion	72,347	154	210	218	334	146	56	0.26
"	"	(10)		Confluence	162,700	442	754	746	1,255	442	222	0.30
"	"	(11)	2-030	St. Lukulu	206,531	514	670	691	1,003	514	131	0.19
"	"	(12)		Zambezi R. Portion	228,076	566	690	734	1,031	566	125	0.17
"	"	(13)	2-250	St. Kalabo	34,621	34	39	60	175	32	38	0.64
"	"	(14)		Luanginga R. Portion	41,233	50	46	73	183	43	37	0.51
"	"	(15)		Confluence	269,309	617	736	806	1,115	617	152	0.19
"	"	(16)	2-400	St. Senanga	278,298	638	745	824	1,127	638	150	0.18
"	KAFUE	(21)	4-050	St. Raglan Farm	4,999	15	21	30	57	15	11	0.36
"	"	(22)		Kafue R. Portion	7,730	71	69	69	97	46	15	0.21
"	"	(23)	4-120	St. Mwambashi	869	4	5	7	13	4	3	0.38
"	"	(24)	4-130	St. Smith's Bridge	8,599	74	74	76	110	50	17	0.22
"	"	(25)	4-200	St. Mpatamato	11,655	54	79	92	176	54	34	0.37
"	"	(26)	4-280	St. Machiya Ferry	22,920	74	106	130	196	74	43	0.33
"	"	(27)		Kafue R. Portion	24,582	77	109	136	207	77	45	0.33
"	"	(28)		Luswishi R. Portion	8,866	16	14	29	58	14	13	0.44
"	"	(29)		Confluence	33,448	93	123	165	265	93	57	0.34
"	"	(30)	4-350	St. Chilenga	34,162	94	124	167	270	94	58	0.34
"	"	(31)	4-450	St. Lubungu	54,442	93	114	168	279	93	62	0.37
"	"	(32)	4-560	St. Chifumpa Pontoon	21,445	54	68	81	145	44	30	0.37
"	"	(33)		Lunga R. Portion	24,416	57	70	83	147	48	30	0.36
"	"	(34)		Confluence	78,858	150	184	252	426	150	90	0.36
"	"	(35)	4-669	St. Kafue Hook Bridge	95,053	163	197	266	461	163	94	0.36
LOWER ZAMBEZI	(17)			Livingstone	466,324	701	917	1003	1,486	701	257	0.26
"	"	(18)		In (Kariba Dam)	608,634	970	1066	1259	1,972	844	374	0.30
"	"	(18E)		Evaporation	---	296	277	285	331	247	22	0.08
"	"	(18S)		Storage	---	-382	-118	-75	510	-456	278	-3.69
"	"	(19)		Out (Kariba Dam)	---	1055	906	1049	1,657	755	248	0.24
"	"	(20)		Zambezi R. Portion	612,724	1063	910	1057	1,676	764	251	0.24
"	KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	164	182	261	469	158	107	0.41
"	"	(36E)		Evaporation	---	17	16	17	19	14	1	0.08
"	"	(36S)		Storage	---	-25	-2	-4	79	-48	31	-8.08
"	"	(37)		Out (Itezhi-tezhi Dam)	---	171	168	248	452	168	94	0.38
"	"	(38)		In (Kafue Gorge Dam)	151,576	213	162	282	661	162	149	0.53
"	"	(38E)		Evaporation	---	31	24	29	39	12	8	0.27
"	"	(38S)		Storage	---	-5	-2	0	18	-10	7	25.37
"	"	(39)		Out (Kafue Gorge Dam)	---	187	140	253	622	140	142	0.56
"	"	(40)		Kafue R. Portion	154,882	193	144	259	637	144	145	0.56
"	ZAMBEZI	(41)		Confluence	767,606	1256	1054	1316	2,313	938	389	0.30
"	"	(42)		Zambezi R. Portion	786,686	1292	1074	1350	2,399	978	405	0.30
"	LUANGWA	(43)	5-940	St. Luangwa Bridge	143,781	1505	373	652	1,505	342	320	0.49
"	"	(44)		Luangwa R. Portion	150,586	1577	390	683	1,577	359	335	0.49
"	ZAMBEZI	(45)		Confluence	937,272	2869	1464	2033	2,989	1464	555	0.27

[NOTE] STD.: Standard Deviation, FLUCT.COEFF.: Coefficient of Fluctuation

[Leap Year] : 1959/60

1959/60

AREAS	BASINS	No.	ST.	POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)			Cholose	73,512	51	61	102	278	839	2788	1913	731	314	173	110	76	619
"	"	(2)	1-150	St. Zambezi Pump House	87,275	61	72	121	330	996	3310	2272	868	373	205	131	90	735
"	"	(3)		Zambezi R. Portion	90,353	63	75	125	342	1031	3427	2352	899	386	212	135	93	761
"	"	(4)	1-650	St. Kabompo Bona	42,740	99	109	136	191	230	388	326	198	159	140	128	113	185
"	"	(5)		Kabompo R. Portion	45,029	94	104	131	187	230	412	341	195	154	135	123	109	185
"	"	(6)		Dongwe R. Portion	20,568	-43	-45	-44	-31	1	220	137	-27	-42	-43	-44	-42	0
"	"	(7)		Confluence	65,597	51	59	87	156	230	632	478	169	111	92	78	66	184
"	"	(8)	1-950	St. Watopa Pontoon	66,449	49	58	86	154	230	641	484	168	110	90	77	65	184
"	"	(9)		Kabompo R. Portion	72,347	37	45	73	145	231	704	523	160	98	78	64	53	124
"	"	(10)		Confluence	162,700	100	119	198	487	1262	4131	2875	1059	483	290	199	145	944
"	"	(11)	2-030	St. Lukulu	206,531	260	281	349	587	1097	2124	1790	906	588	430	327	235	746
"	"	(12)		Zambezi R. Portion	228,076	285	298	382	610	941	1860	2066	1369	983	622	424	325	846
"	"	(13)	2-250	St. Kalabo	34,621	13	10	11	15	88	195	108	79	62	46	30	19	56
"	"	(14)		Luanginga R. Portion	41,233	20	15	21	22	40	114	193	221	183	105	60	47	87
"	"	(15)		Confluence	269,309	305	314	402	633	981	1974	2259	1591	1167	727	484	371	933
"	"	(16)	2-400	St. Senanga	278,298	316	321	416	643	916	1864	2374	1784	1332	807	525	409	974
"	KAFUE	(21)	4-050	St. Raglan Farm	4,999	2	2	3	7	25	87	86	26	11	7	5	3	22
"	"	(22)		Kafue R. Portion	7,730	9	2	7	15	61	120	96	35	16	10	7	4	32
"	"	(23)	4-120	St. Mwambashi	869	2	1	2	3	15	21	8	4	3	2	2	1	5
"	"	(24)	4-130	St. Smith's Bridge	8,599	11	3	9	18	76	141	105	40	19	12	9	6	37
"	"	(25)	4-200	St. Mpatamato	11,655	7	8	24	42	136	200	118	48	26	19	14	10	54
"	"	(26)	4-280	St. Machiya Ferry	22,920	6	8	32	61	205	307	179	69	36	25	18	11	79
"	"	(27)		Kafue R. Portion	24,582	7	9	33	64	214	321	187	73	38	26	18	12	83
"	"	(28)		Luswishi R. Portion	8,866	2	2	8	15	50	75	44	17	9	7	5	3	20
"	"	(29)		Confluence	33,446	9	11	42	79	265	396	232	90	47	33	23	15	103
"	"	(30)	4-350	St. Chilenga	34,162	9	11	42	80	269	403	235	91	48	33	24	16	104
"	"	(31)	4-450	St. Lubungu	54,442	13	11	26	93	162	353	361	160	58	41	31	21	110
"	"	(32)	4-560	St. Chifumpa Pontoon	21,445	19	20	30	50	133	256	99	48	38	33	29	24	65
"	"	(33)		Lunga R. Portion	24,416	23	23	33	55	131	250	118	59	42	36	32	28	69
"	"	(34)		Confluence	78,858	36	34	59	149	293	603	478	219	100	77	63	49	179
"	"	(35)	4-669	St. Kafue Hook Bridge	95,053	54	51	73	176	281	570	582	277	123	96	81	66	202
LOWER ZAMBEZI	(17)			Livingstone	466,324	287	260	411	724	974	1691	4244	2987	1848	1094	620	440	1296
"	"	(18)		In (Kariba Dam)	608,634													
"	"	(18E)		Evaporation	---													
"	"	(18S)		Storage	---													
"	"	(19)		Out (Kariba Dam)	---													
"	"	(20)		Zambezi R. Portion	612,724													
"	KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672													
"	"	(36E)		Evaporation	---													
"	"	(36S)		Storage	---													
"	"	(37)		Out (Itezhi-tezhi Dam)	---													
"	"	(38)		In (Kafue Gorge Dam)	151,576													
"	"	(38E)		Evaporation	---													
"	"	(38S)		Storage	---													
"	"	(39)		Out (Kafue Gorge Dam)	---													
"	"	(40)		Kafue R. Portion	154,882													
"	ZAMBEZI	(41)		Confluence	767,606													
"	"	(42)		Zambezi R. Portion	786,686													
"	LUANGWA	(43)	5-940	St. Luangwa Bridge	143,781	0.47	0.42	244	398	766	1411	406	166	94	63	42	24	301
"	"	(44)		Luangwa R. Portion	150,586	0.49	0.44	256	417	803	1478	425	173	99	66	44	25	315
"	ZAMBEZI	(45)		Confluence	937,272													

[Normal Year] : 1960/61

1960/61

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	57	72	110	253	717	2822	3017	1031	405	227	148	100	745
"	"	(2)	1-150 St. Zambezi Pump House	87,275	68	86	130	301	852	3351	3581	1224	481	270	175	119	885
"	"	(3)	Zambezi R. Portion	90,353	70	89	135	312	882	3469	3708	1267	498	279	181	123	916
"	"	(4)	1-650 St. Kabompo Bona	42,740	38	58	78	189	296	641	681	240	147	116	95	77	221
"	"	(5)	Kabompo R. Portion	45,029	40	60	79	189	306	676	706	242	147	116	95	77	227
"	"	(6)	Dongwe R. Portion	20,568	16	14	13	-1	91	312	219	20	3	4	3	4	58
"	"	(7)	Confluence	65,597	56	74	92	188	398	988	925	263	150	120	97	81	285
"	"	(8)	1-950 St. Watopa Pontoon	66,449	57	74	93	188	401	1001	934	264	150	120	98	81	287
"	"	(9)	Kabompo R. Portion	72,347	62	78	96	188	427	1091	996	270	150	121	98	82	304
"	"	(10)	Confluence	162,700	132	167	231	500	1309	4560	4704	1537	649	400	280	204	1220
"	"	(11)	2-400 St. Lukulu	206,531	206	253	375	563	1042	2122	2295	1290	736	522	426	360	847
"	"	(12)	Zambezi R. Portion	228,076	273	300	405	592	980	1830	2379	1729	1187	811	554	415	953
"	"	(13)	2-250 St. KaTabo	34,621	13	11	10	13	16	121	208	124	85	59	34	19	59
"	"	(14)	Luanginga R. Portion	41,233	33	25	19	22	-3	31	234	259	224	148	73	36	92
"	"	(15)	Confluence	269,309	307	325	424	615	977	1861	2613	1988	1410	959	627	452	1045
"	"	(16)	2-400 St. Senanga	276,298	335	344	436	627	951	1738	2648	2171	1598	1080	680	475	1090
"	KAFUE	(21)	4-050 St. Raglan Farm	4,999	2	2	5	24	64	92	93	50	21	12	7	4	31
"	"	(22)	Kafue R. Portion	7,730	3	3	12	42	116	140	123	71	34	20	13	7	48
"	"	(23)	4-120 St. Mwanbashi	869	1	1	2	5	17	19	13	6	4	3	2	2	6
"	"	(24)	4-130 St. Smith's Bridge	8,599	4	4	15	47	133	159	136	77	38	23	15	9	55
"	"	(25)	4-200 St. Mpatamato	11,655	8	10	24	65	187	259	192	88	46	31	22	15	78
"	"	(26)	4-280 St. Machiya Ferry	22,920	8	11	32	97	287	398	294	131	67	43	29	18	117
"	"	(27)	Kafue R. Portion	24,582	9	12	33	101	300	417	307	138	71	46	31	19	122
"	"	(28)	Luswishi R. Portion	8,866	3	3	8	24	70	98	72	33	17	11	8	5	29
"	"	(29)	Confluence	33,448	11	15	41	125	370	514	379	170	87	57	38	24	151
"	"	(30)	4-350 St. Chilenga	34,162	11	15	42	127	376	522	385	173	89	58	39	25	154
"	"	(31)	4-450 St. Lubungu	54,442	14	14	22	80	259	561	574	388	155	83	58	40	187
"	"	(32)	4-560 St. Chifumpa Pontoon	21,445	21	25	33	82	233	471	287	91	57	48	40	32	118
"	"	(33)	Lunga R. Portion	24,416	25	28	35	81	223	449	294	113	66	53	44	35	120
"	"	(34)	Confluence	78,858	39	42	57	161	482	1010	868	501	222	136	102	75	306
"	"	(35)	4-669 St. Kafue Hook Bridge	95,053	56	56	68	156	428	886	906	623	270	161	123	95	318
LOWER ZAMBEZI	(17)		Livingstone	466,324	300	298	474	676	1042	1732	5285	4331	2473	1497	848	548	1624
"	"	(18)	In (Kariba Dam)	606,634													
"	"	(18E)	Evaporation	---													
"	"	(18S)	Storage	---													
"	"	(19)	Out (Kariba Dam)	---													
"	"	(20)	Zambezi R. Portion	612,724													
"	KAFUE	(36)	In (Itezhi-tezhi Dam)	105,672													
"	"	(36E)	Evaporation	---													
"	"	(36S)	Storage	---													
"	"	(37)	Out (Itezhi-tezhi Dam)	---													
"	"	(38)	In (Kafue Gorge Dam)	151,576													
"	"	(38E)	Evaporation	---													
"	"	(38S)	Storage	---													
"	"	(39)	Out (Kafue Gorge Dam)	---													
"	"	(40)	Kafue R. Portion	154,882													
"	ZAMBEZI	(41)	Confluence	767,606													
"	"	(42)	Zambezi R. Portion	786,686													
"	LUANGWA	(43)	5-940 St. Luangwa Bridge	143,781	11	12	58	637	1216	1846	713	268	142	103	73	49	423
"	"	(44)	Luangwa R. Portion	150,586	12	12	60	667	1273	1933	747	281	149	108	76	51	443
"	ZAMBEZI	(45)	Confluence	937,272													

[Normal Year] : 1961/62

1961/62

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	77	97	291	924	1956	3016	2675	984	385	222	155	109	900
	(2)	1-150	St. Zambezi Pump House	87,275	91	115	345	1096	2323	3581	3176	1168	457	263	184	130	1068
	(3)		Zambezi R. Portion	90,353	94	119	358	1135	2405	3707	3288	1209	473	273	191	134	1106
	(4)	1-650	St. Kabompo Boma	42,740	56	87	196	327	373	606	761	332	197	156	132	105	277
	(5)		Kabompo R. Portion	45,029	57	88	197	332	394	643	794	338	198	156	132	105	285
	(6)		Dongwe R. Portion	20,568	12	8	5	51	187	324	299	54	8	1	-3	-3	78
	(7)		Confluence	65,597	70	97	201	384	581	967	1093	392	206	157	129	103	363
	(8)	1-950	St. Watopa Pontoon	66,449	70	97	202	386	589	980	1105	394	206	157	129	103	366
	(9)		Kabompo R. Portion	72,347	74	99	203	400	642	1074	1191	409	208	157	128	102	389
	(10)		Confluence	162,700	168	218	561	1536	3047	4781	4479	1618	681	430	319	236	1495
	(11)	2-030	St. Lukulu	206,531	324	368	630	1222	1800	2294	2244	1431	860	589	479	405	1049
	(12)		Zambezi R. Portion	228,076	356	389	610	1071	1672	2200	2367	1825	1247	851	617	484	1137
	(13)	2-250	St. Kalabo	34,621	12	10	14	22	151	351	249	129	82	54	31	19	93
	(14)		Luanginga R. Portion	41,233	22	17	8	-25	111	322	287	250	201	135	73	44	120
	(15)		Confluence	269,309	378	406	618	1046	1783	2522	2653	2075	1448	986	690	528	1257
	(16)	2-400	St. Senanga	278,298	391	415	610	983	1730	2483	2704	2240	1610	1095	747	561	1294
KAFUE	(21)	4-050	St. Raglan Farm	4,999	2	5	15	60	114	201	197	112	43	25	17	10	66
	(22)		Kafue R. Portion	7,730	5	16	53	115	186	253	238	146	79	52	37	24	100
	(23)	4-120	St. Mwambashi	869	1	4	9	13	25	33	30	16	9	7	5	4	13
	(24)	4-130	St. Smith's Bridge	8,599	5	20	62	129	212	285	269	162	89	59	42	28	113
	(25)	4-200	St. Mpatamato	11,655	11	32	93	174	347	420	395	217	106	71	52	35	161
	(26)	4-280	St. Machiya Ferry	22,920	12	45	139	265	534	649	610	333	159	105	75	49	246
	(27)		Kafue R. Portion	24,582	12	47	145	277	559	679	638	348	167	110	79	52	257
	(28)		Luswishi R. Portion	8,866	3	12	34	65	131	159	149	82	39	26	19	13	60
	(29)		Confluence	33,448	16	59	180	343	690	837	787	430	206	136	98	64	318
	(30)	4-350	St. Chilenga	34,162	16	60	183	348	700	850	799	436	209	139	99	65	323
	(31)	4-450	St. Lubungu	54,442	25	34	109	254	544	703	883	687	433	212	140	96	342
	(32)	4-560	St. Chifumpa Pontoon	21,445	26	35	90	137	424	559	633	170	97	76	61	45	194
	(33)		Lunga R. Portion	24,416	23	30	65	82	280	370	405	44	21	37	36	29	117
	(34)		Confluence	78,858	48	64	175	336	825	1073	1288	731	454	249	176	125	459
	(35)	4-669	St. Kafue Hook Bridge	95,053	36	37	38	39	41	42	43	42	41	39	38	38	40
LOWER ZAMBEZI	(17)		Livingstone	466,324	385	374	590	900	1724	3707	5093	4219	2581	1486	892	613	1878
	(18)		In (Kariba Dam)	608,634													
	(18E)		Evaporation	---													
	(18S)		Storage	---													
	(19)		Out (Kariba Dam)	---													
	(20)		Zambezi R. Portion	612,724													
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672													
	(36E)		Evaporation	---													
	(36S)		Storage	---													
	(37)		Out (Itezhi-tezhi Dam)	---													
	(38)		In (Kafue Gorge Dam)	151,576													
	(38E)		Evaporation	---													
	(38S)		Storage	---													
	(39)		Out (Kafue Gorge Dam)	---													
	(40)		Kafue R. Portion	154,882													
ZAMBEZI	(41)		Confluence	767,606													
	(42)		Zambezi R. Portion	786,686													
LUANGWA	(43)	5-940	St. Luangwa Bridge	143,781	27	80	731	2857	3836	3049	1645	545	265	169	115	80	1101
	(44)		Luangwa R. Portion	150,586	28	84	766	2992	4017	3193	1723	571	278	177	120	84	1153
ZAMBEZI	(45)		Confluence	937,272													

[Normal Year] : 1962/63

1962/63

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	82	96	301	1570	2514	3133	2111	746	329	198	139	96	933
"	"	(2)	1-150 St. Zambezi Pump House	87,275	98	114	358	1864	2984	3720	2506	885	390	236	165	114	1108
"	"	(3)	Zambezi R. Portion	90,353	101	118	370	1930	3089	3851	2595	916	404	244	171	118	1147
"	"	(4)	1-650 St. Kabompo Boma	42,740	78	108	392	487	528	574	461	230	169	145	116	91	280
"	"	(5)	Kabompo R. Portion	45,029	79	108	405	522	567	630	472	232	170	145	116	92	294
"	"	(6)	Dongwe R. Portion	20,568	6	2	122	321	355	500	106	13	5	2	1	4	119
"	"	(7)	Confluence	65,597	84	110	527	844	922	1130	579	245	175	147	118	96	413
"	"	(8)	1-950 St. Watopa Pontoon	66,449	84	111	532	857	937	1151	583	245	175	147	118	96	417
"	"	(9)	Kabompo R. Portion	72,347	86	111	567	949	1039	1294	614	249	176	148	118	97	452
"	"	(10)	Confluence	162,700	187	229	938	2879	4128	5145	3208	1165	580	391	289	215	1598
"	"	(11)	2-030 St. LukuLu	206,531	366	392	828	1723	2182	2465	1901	1065	693	553	469	404	1080
"	"	(12)	Zambezi R. Portion	228,076	405	412	743	1383	2107	2460	2269	1591	1075	773	584	469	1183
"	"	(13)	2-250 St. Kalabo	34,621	13	10	20	358	382	659	303	116	72	45	29	21	168
"	"	(14)	Luanginga R. Portion	41,233	25	17	-6	254	359	658	416	277	190	113	64	40	200
"	"	(15)	Confluence	269,309	430	429	737	1637	2466	3118	2684	1868	1265	886	648	510	1383
"	"	(16)	2-400 St. Senanga	278,298	446	437	701	1495	2435	3116	2838	2087	1425	978	696	537	1426
"	KAFUE	(21)	4-050 St. Raglan Farm	4,999	5	4	42	101	134	150	113	51	25	18	13	8	55
"	"	(22)	Kafue R. Portion	7,730	14	15	81	166	189	191	145	85	51	37	27	18	84
"	"	(23)	4-120 St. Mwanbashi	869	2	3	10	24	27	25	15	9	7	5	4	3	11
"	"	(24)	4-130 St. Smith's Bridge	8,599	16	18	91	190	216	216	160	94	58	43	31	21	95
"	"	(25)	4-200 St. Mpatanato	11,655	22	29	132	314	371	362	221	118	73	56	42	28	146
"	"	(26)	4-280 St. Machiya Ferry	22,920	34	37	183	480	582	649	427	209	116	88	65	45	241
"	"	(27)	Kafue R. Portion	24,582	35	39	191	502	609	679	447	218	122	92	68	47	252
"	"	(28)	Luswishi R. Portion	8,866	9	10	45	117	142	159	105	51	29	22	16	11	59
"	"	(29)	Confluence	33,448	44	49	236	619	751	838	551	270	151	114	84	59	311
"	"	(30)	4-350 St. Chilenga	34,162	45	50	240	629	763	851	560	274	153	115	85	60	316
"	"	(31)	4-450 St. Lubungu	54,442	60	52	242	626	888	1055	848	537	260	176	131	91	411
"	"	(32)	4-560 St. Chifumpa Pontoon	21,445	33	40	281	505	529	634	206	106	80	69	55	42	214
"	"	(33)	Lunga R. Portion	24,416	38	43	262	482	524	626	247	138	94	78	63	48	219
"	"	(34)	Confluence	78,858	98	95	505	1108	1412	1681	1096	675	354	253	194	139	630
"	"	(35)	4-669 St. Kafue Hook Bridge	95,053	126	114	402	985	1384	1636	1323	850	429	301	233	173	659
LOWER ZAMBEZI	(17)		Livingstone	466,324	448	397	728	1508	3315	5787	5980	3883	2199	1299	844	621	2241
"	"	(18)	In (Kariba Dam)	608,634	440	538	3079	3018	5785	6895	6238	3808	1931	1175	720	609	2835
"	"	(18E)	Evaporation	---	357	288	195	284	255	257	286	246	221	243	252	342	269
"	"	(18S)	Storage	---	-309	-150	2501	809	3138	3311	2044	1248	1293	532	57	-137	1184
"	"	(19)	Out (Kariba Dam)	---	392	400	383	1924	2392	3327	3908	2314	417	400	412	404	1382
"	"	(20)	Zambezi R. Portion	612,724	392	404	451	1967	2463	3359	3915	2312	409	396	408	404	1399
"	KAFUE	(36)	In (Itezhi-tezhi Dam)	105,672													
"	"	(36E)	Evaporation	---													
"	"	(36S)	Storage	---													
"	"	(37)	Out (Itezhi-tezhi Dam)	---													
"	"	(38)	In (Kafue Gorge Dam)	151,576													
"	"	(38E)	Evaporation	---													
"	"	(38S)	Storage	---													
"	"	(39)	Out (Kafue Gorge Dam)	---													
"	"	(40)	Kafue R. Portion	154,882													
"	ZAMBEZI	(41)	Confluence	767,606													
"	"	(42)	Zambezi R. Portion	786,686													
"	LUANGWA	(43)	5-940 St. Luangwa Bridge	143,781	49	61	718	1549	2623	3087	1251	464	271	197	140	94	866
"	"	(44)	Luangwa R. Portion	150,586	51	64	752	1622	2747	3233	1310	486	284	206	146	99	907
"	ZAMBEZI	(45)	Confluence	937,272													

[Leap Year] : 1963/64

1963/64

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km2)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	81	124	297	599	1254	1509	1008	378	213	147	107	83	480
"	(2)	1-150	St. Zambezi Pump House	87,275	96	147	352	711	1488	1791	1197	449	253	175	127	99	570
"	(3)		Zambezi R. Portion	90,353	99	152	365	736	1541	1854	1239	465	262	181	132	102	591
"	(4)	1-650	St. Kabompo Boma	42,740	77	127	323	284	395	508	336	177	142	119	99	76	221
"	(5)		Kabompo R. Portion	45,029	78	128	328	292	426	524	341	178	142	119	99	77	227
"	(6)		Dongwe R. Portion	20,568	7	11	42	74	284	145	48	5	-2	2	6	11	52
"	(7)		Confluence	65,597	85	139	370	366	710	669	389	183	140	121	105	88	279
"	(8)	1-950	St. Matopa Pontoon	66,449	85	140	372	369	722	675	391	183	140	121	105	88	281
"	(9)		Kabompo R. Portion	72,347	87	143	384	391	804	717	404	184	139	122	107	91	296
"	(10)		Confluence	162,700	186	295	748	1127	2345	2571	1644	649	402	303	239	194	887
"	(11)	2-030	St. Lukulu	206,531	370	455	782	1060	1554	1656	1280	707	527	443	393	353	796
"	(12)		Zambezi R. Portion	228,076	412	494	810	1084	1452	1815	1668	1210	803	564	472	408	931
"	(13)	2-250	St. Kalabo	34,621	16	17	48	73	128	113	74	52	35	25	19	15	51
"	(14)		Luenginga R. Portion	41,233	29	29	56	80	97	162	193	206	120	62	43	32	92
"	(15)		Confluence	269,309	441	523	866	1164	1549	1977	1861	1416	923	626	515	440	1023
"	(16)	2-400	St. Senanga	278,298	459	539	877	1174	1507	2043	2023	1625	1038	677	548	463	1079
KAFUE	(21)	4-050	St. Raglan Farm	4,999	5	9	17	35	68	88	56	20	11	9	7	5	27
"	(22)		Kafue R. Portion	7,730	11	23	37	83	128	121	82	39	24	19	14	10	49
"	(23)	4-120	St. Mwambashi	869	2	4	5	9	18	10	5	3	3	2	2	2	5
"	(24)	4-130	St. Smith's Bridge	8,599	13	28	43	92	146	132	87	42	26	21	16	11	54
"	(25)	4-200	St. Mpatanato	11,655	20	37	68	115	270	181	98	51	35	28	23	17	78
"	(26)	4-280	St. Machiya Ferry	22,920	32	48	104	179	398	350	161	75	53	44	36	27	125
"	(27)		Kafue R. Portion	24,582	33	50	109	187	416	366	169	79	55	46	38	29	131
"	(28)		Luswishi R. Portion	8,866	8	12	26	44	95	86	40	19	13	11	9	7	31
"	(29)		Confluence	33,448	41	62	135	231	511	452	209	98	69	57	48	36	161
"	(30)	4-350	St. Chilenga	34,162	42	63	137	235	519	459	212	99	70	58	48	37	164
"	(31)	4-450	St. Lubungu	54,442	62	75	163	237	510	584	377	150	93	76	63	46	202
"	(32)	4-560	St. Chifumpa Pontoon	21,445	32	49	97	117	312	156	76	49	43	39	33	27	85
"	(33)		Lunga R. Portion	24,416	38	53	101	123	310	184	100	59	49	44	38	32	93
"	(34)		Confluence	78,858	100	128	263	361	820	769	477	209	142	120	101	78	295
"	(35)	4-669	St. Kafue Hook Bridge	95,053	129	149	281	395	809	922	607	263	176	150	130	105	341
LOWER ZAMBEZI	(17)		Livingstone	466,324	489	529	926	1195	1457	2188	2504	2229	1377	777	586	459	1225
"	(18)		In (Kariba Dam)	608,634	716	869	1896	1897	2472	2045	2332	2048	1210	651	480	487	1422
"	(18E)		Evaporation	---	355	368	285	249	229	325	318	246	230	230	234	316	282
"	(18S)		Storage	---	-2199	-4298	-2926	-2823	-1057	915	1540	1314	499	-74	-241	-307	-805
"	(19)		Out (Kariba Dam)	---	2560	4800	4537	4471	3300	805	474	468	481	495	488	477	1943
"	(20)		Zambezi R. Portion	612,724	2567	4810	4565	4491	3329	801	469	463	476	491	485	478	1949
"	(36)		In (Itezhi-tezhi Dam)	105,672													
"	(36E)		Evaporation	---													
"	(36S)		Storage	---													
"	(37)		Out (Itezhi-tezhi Dam)	---													
"	(38)		In (Kafue Gorge Dam)	151,576													
"	(38E)		Evaporation	---													
"	(38S)		Storage	---													
"	(39)		Out (Kafue Gorge Dam)	---													
"	(40)		Kafue R. Portion	154,882													
ZAMBEZI	(41)		Confluence	767,606													
"	(42)		Zambezi R. Portion	786,686													
LUANGWA	(43)	5-940	St. Luangwa Bridge	143,781	61	113	337	1853	3035	1081	469	225	152	115	92	67	625
"	(44)		Luangwa R. Portion	150,586	64	118	353	1940	3179	1132	491	236	159	121	97	71	655
ZAMBEZI	(45)		Confluence	937,272													

[Normal Year] : 1964/65

1964/65

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	66	85	137	574	1626	2047	1146	461	232	150	103	78	552
"	"	(2)	1-150 St. Zambezi Pump House	87,275	78	101	162	681	1931	2430	1360	547	276	179	122	92	655
"	"	(3)	Zambezi R. Portion	90,353	81	82	192	330	840	2482	1842	699	310	196	134	100	606
"	"	(4)	1-650 St. Kabompo Bona	42,740	63	83	158	276	415	461	326	167	132	110	90	66	194
"	"	(5)	Kabompo R. Portion	45,029	64	84	159	282	430	474	328	247	117	101	87	74	203
"	"	(6)	Dongwe R. Portion	20,568	13	9	4	49	142	112	21	5	2	1	5	16	31
"	"	(7)	Confluence	65,597	77	93	163	331	572	585	350	252	118	103	91	89	233
"	"	(8)	1-950 St. Watopa Pontoon	66,449	77	94	163	333	578	590	350	172	134	112	96	84	230
"	"	(9)	Kabompo R. Portion	72,347	81	96	164	348	619	622	357	174	134	112	97	88	239
"	"	(10)	Confluence	162,700	162	179	356	678	1459	3104	2199	873	444	308	231	189	845
"	"	(11)	2-030 St. Lukuilu	206,531	317	355	461	928	1654	1810	1355	769	528	434	377	338	771
"	"	(12)	Zambezi R. Portion	228,076	357	394	508	856	1389	1893	1726	1240	824	560	451	392	879
"	"	(13)	2-250 St. Kalabo	34,621	11	9	10	15	70	87	88	74	58	38	23	16	41
"	"	(14)	Luanginga R. Portion	41,233	23	21	25	-7	-12	113	202	218	149	76	46	33	74
"	"	(15)	Confluence	269,309	380	415	533	850	1377	2005	1928	1459	973	636	497	425	953
"	"	(16)	2-400 St. Senanga	278,298	396	431	553	820	1266	2040	2083	1655	1086	689	528	447	998
KAFUE	(21)		4-050 St. Raglan Farm	4,999	3	3	6	22	52	61	49	19	10	8	5	3	20
"	(22)		Kafue R. Portion	7,730	6	9	16	59	104	115	81	38	21	16	12	7	40
"	(23)		4-120 St. Mwambashi	869	1	1	3	12	12	11	6	3	3	2	2	1	5
"	(24)		4-130 St. Smith's Bridge	8,599	7	10	19	71	116	126	88	41	24	19	13	9	45
"	(25)		4-200 St. Mpatanato	11,655	14	21	35	131	167	161	97	48	31	26	20	15	63
"	(26)		4-280 St. Machiya Ferry	22,920	20	24	45	216	287	258	148	68	47	39	32	24	99
"	(27)		Kafue R. Portion	24,582	21	24	45	216	306	280	162	74	49	40	32	25	105
"	(28)		Luswishi R. Portion	8,856	4	2	3	5	102	117	73	31	12	6	5	4	30
"	(29)		Confluence	33,448	25	27	48	221	408	397	235	105	60	46	37	29	135
"	(30)		4-350 St. Chilenga	34,162	25	27	48	221	417	407	241	107	61	47	37	29	137
"	(31)		4-450 St. Lubungu	54,442	32	30	57	229	432	404	274	121	72	57	47	35	147
"	(32)		4-560 St. Chifumpa Pontoon	21,445	21	24	38	98	211	113	58	36	32	30	27	22	58
"	(33)		Lunga R. Portion	24,416	26	28	42	107	218	133	76	46	38	35	32	27	66
"	(34)		Confluence	78,858	57	58	99	336	650	537	350	166	110	92	79	62	214
"	(35)		4-669 St. Kafue Hook Bridge	95,053	82	81	121	382	690	648	450	217	144	121	105	88	258
LOWER ZAMBEZI	(17)		Livingstone	466,324	357	371	534	784	1133	2046	2820	2322	1489	792	545	428	1134
"	(18)		In (Kariba Dam)	608,634	454	456	1267	1961	1456	1837	2566	2146	1209	687	505	403	1245
"	(18E)		Evaporation	---	405	344	281	229	277	284	276	229	187	200	236	316	272
"	(18S)		Storage	---	-408	-363	518	1262	-144	1062	1797	1033	505	-38	-263	-447	380
"	(19)		Out (Kariba Dam)	---	456	475	467	470	1324	491	492	884	517	525	533	534	592
"	(20)		Zambezi R. Portion	612,724	459	477	488	504	1333	485	485	879	509	522	532	533	596
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(36E)		Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(36S)		Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(37)		Out (Itezhi-tezhi Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(38)		In (Kafue Gorge Dam)	151,576	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(38E)		Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(38S)		Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(39)		Out (Kafue Gorge Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(40)		Kafue R. Portion	154,882	---	---	---	---	---	---	---	---	---	---	---	---	---
ZAMBEZI	(41)		Confluence	767,606	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(42)		Zambezi R. Portion	786,686	---	---	---	---	---	---	---	---	---	---	---	---	---
LUANGWA	(43)		5-940 St. Luangwa Bridge	143,781	50	41	137	1454	2283	1338	706	265	190	141	109	82	556
"	(44)		Luangwa R. Portion	150,586	52	43	143	1523	2391	1402	739	278	199	148	114	86	582
ZAMBEZI	(45)		Confluence	937,272	---	---	---	---	---	---	---	---	---	---	---	---	---

[Normal Year] : 1965/66

1965/66

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER	ZAMBEZI	(1)	Cholose	73,512	68	69	161	278	708	2091	1552	589	261	165	113	84	510
"	"	(2)	1-150 St. Zambezi Pump House	87,275	81	82	192	330	840	2482	1842	699	310	196	134	100	606
"	"	(3)	Zambezi R. Portion	90,353	84	85	198	342	870	2570	1907	724	321	203	139	104	627
"	"	(4)	1-650 St. Kabompo Boma	42,740	64	84	148	190	290	578	548	247	117	101	87	74	210
"	"	(5)	Kabompo R. Portion	45,029	65	84	148	193	298	612	540	244	120	103	88	75	214
"	"	(6)	Dongwe R. Portion	20,568	11	2	-1	24	77	304	-77	-23	26	17	15	13	32
"	"	(7)	Confluence	65,597	76	86	147	217	375	916	462	221	146	120	103	88	246
"	"	(8)	1-950 St. Watopa Pontoon	66,449	77	86	147	218	379	928	459	220	147	121	104	88	247
"	"	(9)	Kabompo R. Portion	72,347	80	87	147	225	401	1016	437	214	154	126	108	92	257
"	"	(10)	Confluence	162,700	164	172	346	567	1271	3585	2345	938	475	329	247	196	884
"	"	(11)	2-030 St. Lukulu	206,531	320	322	477	646	1046	1959	1697	925	573	458	392	349	762
"	"	(12)	Zambezi R. Portion	228,076	361	354	515	702	993	1642	1989	1386	934	624	466	400	862
"	"	(13)	2-250 St. Kalabo	34,621	11	10	11	16	57	440	221	113	81	54	33	21	89
"	"	(14)	Luanginga R. Portion	41,233	24	19	23	33	40	342	311	254	192	105	56	37	120
"	"	(15)	Confluence	269,309	385	373	538	735	1033	1984	2300	1641	1126	729	522	437	982
"	"	(16)	2-400 St. Senanga	278,298	402	386	554	758	1011	1852	2422	1833	1277	799	553	458	1024
"	KAFUE	(21)	4-050 St. Raglan Farm	4,999	2	2	7	16	37	85	50	20	12	8	5	3	21
"	"	(22)	Kafue R. Portion	7,730	5	7	14	28	75	124	80	36	20	13	9	6	35
"	"	(23)	4-120 St. Mwambashi	869	1	1	3	3	9	17	7	4	3	2	2	2	4
"	"	(24)	4-130 St. Smith's Bridge	8,599	7	8	17	30	84	141	86	40	23	15	11	8	39
"	"	(25)	4-200 St. Mpatamato	11,655	13	18	37	45	124	208	95	47	31	23	17	14	56
"	"	(26)	4-280 St. Machiya Ferry	22,920	19	21	44	58	171	294	153	70	46	36	27	21	80
"	"	(27)	Kafue R. Portion	24,582	19	21	45	61	173	302	172	76	48	37	28	22	93
"	"	(28)	Luswishi R. Portion	8,866	4	2	5	16	11	43	102	33	9	4	4	3	20
"	"	(29)	Confluence	33,448	23	24	50	77	184	345	275	110	57	41	32	25	103
"	"	(30)	4-350 St. Chilenga	34,162	23	24	50	78	185	348	283	112	58	41	32	26	105
"	"	(31)	4-450 St. Lubungu	54,442	24	25	55	86	185	349	289	127	69	51	39	29	110
"	"	(32)	4-560 St. Chifumpa Pontoon	21,445	20	22	42	42	92	133	94	39	32	30	27	23	50
"	"	(33)	Lunga R. Portion	24,416	24	26	46	48	98	146	108	49	38	35	31	27	56
"	"	(34)	Confluence	78,858	49	51	100	134	283	494	397	175	108	85	70	56	166
"	"	(35)	4-669 St. Kafue Hook Bridge	95,053	71	72	117	165	315	564	473	227	140	111	93	79	201
LOWER	ZAMBEZI	(17)	Livingstone	466,324	355	328	485	709	1066	1919	4545	2927	1871	1027	627	482	1359
"	"	(18)	In (Kariba Dam)	608,634	396	668	758	1002	2633	2487	4407	2912	1747	1130	633	483	1594
"	"	(18E)	Evaporation	---	326	447	326	287	215	247	248	227	197	214	232	319	274
"	"	(18S)	Storage	---	-451	-271	-2746	-2629	1862	1729	3699	113	1013	-2466	-1741	-809	-254
"	"	(19)	Out (Kariba Dam)	---	521	492	3178	3345	555	511	460	2572	537	3382	2141	974	1574
"	"	(20)	Zambezi R. Portion	612,724	522	502	3186	3353	600	527	456	2572	533	3385	2141	974	1581
"	KAFUE	(36)	In (Itezhi-tezhi Dam)	105,672	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(36E)	Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(36S)	Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(37)	Out (Itezhi-tezhi Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(38)	In (Kafue Gorge Dam)	151,576	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(38E)	Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(38S)	Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(39)	Out (Kafue Gorge Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(40)	Kafue R. Portion	154,882	---	---	---	---	---	---	---	---	---	---	---	---	---
"	ZAMBEZI	(41)	Confluence	767,606	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(42)	Zambezi R. Portion	786,686	---	---	---	---	---	---	---	---	---	---	---	---	---
"	LUANGWA	(43)	5-940 St. Luangwa Bridge	143,781	61	56	158	452	1134	1206	260	148	103	63	40	22	304
"	"	(44)	Luangwa R. Portion	150,586	64	58	165	473	1187	1263	273	155	108	66	41	23	318
"	ZAMBEZI	(45)	Confluence	937,272	---	---	---	---	---	---	---	---	---	---	---	---	---

[Normal Year] : 1966/67

1966/67

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	70	80	97	228	765	1792	2117	829	314	170	112	78	551
"	(2)		1-150 St. Zambezi Pump House	87,275	83	94	115	270	908	2127	2514	984	373	202	132	92	655
"	(3)		Zambezi R. Portion	90,353	86	98	119	280	940	2202	2602	1018	386	210	137	95	678
"	(4)		1-650 St. Kabompo Boma	42,740	95	91	90	96	179	390	530	254	146	126	96	76	180
"	(5)		Kabompo R. Portion	45,029	93	90	91	99	188	396	537	254	146	126	97	77	182
"	(6)		Dongwe R. Portion	20,568	-18	-10	7	26	87	54	63	-2	2	-1	11	10	18
"	(7)		Confluence	65,597	75	80	98	124	275	450	600	251	147	125	108	87	201
"	(8)		1-950 St. Katopa Pontoon	66,449	74	79	98	125	279	452	602	251	148	125	109	87	201
"	(9)		Kabompo R. Portion	72,347	69	76	100	133	303	467	620	250	148	124	112	90	207
"	(10)		Confluence	162,700	155	174	219	413	1243	2670	3223	1269	534	334	249	185	884
"	(11)		2-030 St. Lukulu	206,531	313	331	367	504	994	1608	1896	1151	667	461	381	344	748
"	(12)		Zambezi R. Portion	228,076	346	352	391	531	879	1370	1955	1533	1088	676	457	376	828
"	(13)		2-250 St. Kalabo	34,621	15	13	13	17	41	88	107	106	84	60	39	23	51
"	(14)		Luenginga R. Portion	41,233	26	20	20	26	6	15	128	224	213	126	63	33	75
"	(15)		Confluence	269,309	372	371	411	556	884	1385	2082	1756	1301	803	520	409	903
"	(16)		2-400 St. Senanga	278,298	385	380	421	568	837	1286	2111	1915	1476	893	551	422	936
KAFUE	(21)		4-050 St. Raglan Farm	4,999	2	2	3	7	20	67	143	49	20	12	9	6	28
"	(22)		Kafue R. Portion	7,730	40	41	56	192	278	259	245	103	91	74	60	48	123
"	(23)		4-120 St. Mambashi	869	1	1	2	5	8	15	11	4	3	2	2	2	5
"	(24)		4-130 St. Smith's Bridge	8,599	41	42	58	197	285	275	256	107	94	76	62	49	127
"	(25)		4-200 St. Mpatanato	11,655	11	12	22	51	95	195	209	90	43	29	23	18	66
"	(26)		4-280 St. Machiya Ferry	22,920	16	14	23	65	124	275	305	138	58	41	34	26	93
"	(27)		Kafue R. Portion	24,582	16	15	23	66	127	279	325	155	62	43	34	26	97
"	(28)		Luswishi R. Portion	8,866	3	3	1	2	13	17	109	92	21	9	4	3	23
"	(29)		Confluence	33,448	19	17	24	67	140	296	434	247	83	52	39	29	120
"	(30)		4-350 St. Chilenga	34,162	20	18	24	68	141	298	442	255	85	52	39	30	122
"	(31)		4-450 St. Lubungu	54,442	19	14	23	70	151	298	400	280	96	61	46	35	124
"	(32)		4-560 St. Chifumpa Pontoon	21,445	19	19	23	34	99	161	140	55	38	34	31	26	56
"	(33)		Lunga R. Portion	24,416	23	23	27	40	101	165	156	74	45	39	35	30	63
"	(34)		Confluence	78,858	42	37	50	110	251	463	555	354	141	99	81	65	187
"	(35)		4-669 St. Kafue Hook Bridge	95,053	64	56	70	141	263	487	641	459	180	126	105	87	223
LOWER ZAMBEZI	(17)		Livingstone	466,324	373	344	426	605	897	1225	2238	3035	2095	1296	657	459	1138
"	(18)		In (Kariba Dam)	608,534	426	508	948	1071	1568	1579	2059	3020	1946	1143	575	380	1267
"	(18E)		Evaporation	---	388	401	361	298	255	251	269	253	240	205	210	248	282
"	(18S)		Storage	---	-447	-403	56	242	330	-632	-115	1284	1081	318	-262	-444	83
"	(19)		Out (Kariba Dam)	---	484	510	532	532	983	1960	1905	1484	626	620	628	576	903
"	(20)		Zambezi R. Portion	612,724	486	515	547	545	1002	1970	1900	1484	622	616	626	574	906
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672													
"	(36E)		Evaporation	---													
"	(36S)		Storage	---													
"	(37)		Out (Itezhi-tezhi Dam)	---													
"	(38)		In (Kafue Gorge Dam)	151,576													
"	(38E)		Evaporation	---													
"	(38S)		Storage	---													
"	(39)		Out (Kafue Gorge Dam)	---													
"	(40)		Kafue R. Portion	154,882													
ZAMBEZI	(41)		Confluence	767,606													
"	(42)		Zambezi R. Portion	786,686													
LUANGWA	(43)		5-940 St. Luangwa Bridge	143,781	15	13	188	551	776	1386	894	284	162	124	100	78	379
"	(44)		Luangwa R. Portion	150,586	15	13	197	577	813	1451	937	297	169	130	105	81	397
ZAMBEZI	(45)		Confluence	937,272													

[Leap Year] : 1967/68

1967/68

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	61	93	479	2778	3184	2869	1931	869	375	234	160	116	1089
	(2)		1-150 St. Zambezi Pump House	87,275	73	110	569	3298	3780	3406	2292	1032	446	277	191	137	1293
	(3)		Zambezi R. Portion	90,353	75	114	589	3414	3913	3526	2373	1068	461	287	197	142	1339
	(4)		1-650 St. Kabompo Barrs	42,740	60	105	247	295	379	620	367	188	144	135	123	110	231
	(5)		Kabompo R. Portion	45,029	61	106	242	303	391	645	379	191	144	135	123	109	235
	(6)		Dongwe R. Portion	20,568	10	5	-48	75	114	225	108	25	5	0	-5	-11	42
	(7)		Confluence	65,597	71	111	194	378	505	870	487	216	149	135	118	98	277
	(8)		1-950 St. Watopa Pontoon	66,449	72	112	192	381	510	880	492	217	149	135	118	98	279
	(9)		Kabompo R. Portion	72,347	75	113	178	402	542	944	523	224	150	135	117	95	291
	(10)		Confluence	162,700	150	227	767	3817	4456	4471	2896	1293	612	422	314	237	1630
	(11)		2-030 St. Lukulu	206,531	412	436	731	2480	2230	2237	1816	1127	715	510	414	394	1122
	(12)		Zambezi R. Portion	228,076	364	420	674	1794	2172	2175	2118	1528	1045	722	530	437	1161
	(13)		2-250 St. Kalabo	34,621	15	13	17	138	310	308	253	132	84	59	35	23	115
	(14)		Luanginga R. Portion	41,233	0	7	-1	-73	293	289	346	255	186	124	70	36	127
	(15)		Confluence	269,309	364	427	674	1722	2465	2464	2464	1782	1230	845	600	473	1288
	(16)		2-400 St. Senanga	278,298	344	420	650	1436	2440	2438	2589	1950	1368	934	649	492	1304
KAFUE	(21)		4-050 St. Raglan Farm	4,999	4	5	14	39	68	69	51	23	14	9	6	5	25
	(22)		Kafue R. Portion	7,730	8	12	27	94	113	126	87	42	24	17	12	8	47
	(23)		4-120 St. Mwambashi	869	1	3	6	17	14	17	8	5	4	3	3	2	7
	(24)		4-130 St. Smith's Bridge	8,599	10	14	33	112	128	143	95	47	28	20	15	10	54
	(25)		4-200 St. Mpatamato	11,655	16	26	45	135	155	168	94	50	33	27	22	17	65
	(26)		4-280 St. Machiya Ferry	22,920	20	28	55	150	255	225	136	69	46	39	32	25	89
	(27)		Kafue R. Portion	24,582	20	28	56	149	263	232	150	75	48	40	32	25	93
	(28)		Luswishi R. Portion	8,866	3	1	9	-6	39	40	72	33	9	5	3	2	17
	(29)		Confluence	33,448	23	29	66	142	302	272	221	107	57	45	36	28	110
	(30)		4-350 St. Chilenga	34,162	23	29	66	142	305	275	227	110	57	45	36	28	111
	(31)		4-450 St. Lubungu	54,442	24	31	65	124	273	283	235	118	64	51	42	32	111
	(32)		4-560 St. Chifumpa Pontoon	21,445	21	28	45	89	109	133	65	47	38	38	34	28	56
	(33)		Lunga R. Portion	24,416	25	31	49	91	119	140	79	54	42	42	37	31	62
	(34)		Confluence	78,858	50	62	114	214	393	423	314	172	106	93	79	63	173
	(35)		4-669 St. Kafue Hook Bridge	95,053	71	81	133	222	450	464	391	213	131	113	98	82	203
LOWER ZAMBEZI	(17)		Livingstone	466,324	348	417	635	1131	4147	4320	4853	3371	2060	1210	765	556	1973
	(18)		In (Kariba Dam)	608,634	413	562	816	1374	4618	4619	4891	3287	1846	1142	753	594	2063
	(18E)		Evaporation	---	344	363	307	298	291	312	284	251	226	200	264	336	290
	(18S)		Storage	---	-504	-385	-56	-261	438	-596	250	2392	951	282	-188	-330	165
	(19)		Out (Kariba Dam)	---	573	584	565	1337	3889	4904	4357	644	670	660	678	588	1609
	(20)		Zambezi R. Portion	612,724	575	588	570	1344	3903	4913	4358	642	664	658	678	589	1612
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	---	---	---	---	---	---	---	---	---	---	---	---	---
	(36E)		Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(36S)		Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(37)		Out (Itezhi-tezhi Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(38)		In (Kafue Gorge Dam)	151,576	---	---	---	---	---	---	---	---	---	---	---	---	---
	(38E)		Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(38S)		Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(39)		Out (Kafue Gorge Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(40)		Kafue R. Portion	154,882	---	---	---	---	---	---	---	---	---	---	---	---	---
ZAMBEZI	(41)		Confluence	767,606	---	---	---	---	---	---	---	---	---	---	---	---	---
	(42)		Zambezi R. Portion	786,686	---	---	---	---	---	---	---	---	---	---	---	---	---
LUANGWA	(43)		5-940 St. Luangwa Bridge	143,781	59	61	255	684	1084	1347	418	248	169	139	109	84	387
	(44)		Luangwa R. Portion	150,586	62	64	267	716	1135	1411	438	260	177	145	114	88	405
ZAMBEZI	(45)		Confluence	937,272	---	---	---	---	---	---	---	---	---	---	---	---	---

[Normal Year] : 1968/69

1968/69

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	MEAN
UPPER ZAMBEZI	(1)		Cholosa	73,512	85	101	279	660	2654	3560	2956	852	389	247	173	122	994
	(2)	1-150	St. Zambezi Pump House	87,275	101	120	332	784	3150	4227	3509	1011	461	294	205	145	1180
	(3)		Zambezi R. Portion	90,353	104	124	343	812	3261	4376	3633	1047	478	304	212	150	1222
	(4)	1-160	St. Kabompo Boma	42,740	82	97	269	485	877	1171	1287	407	227	202	170	137	448
	(5)		Kabompo R. Portion	45,029	81	98	270	494	912	1224	1346	415	231	203	170	137	462
	(6)		Dongwe R. Portion	20,568	-3	3	1	76	317	460	534	73	37	5	0	-1	125
	(7)		Confluence	65,597	79	101	271	570	1230	1705	1880	488	269	208	170	137	587
	(8)	1-950	St. Matopa Pontoon	66,449	79	101	271	573	1243	1725	1902	491	270	208	170	137	592
	(9)		Kabompo R. Portion	72,347	78	102	271	595	1334	1862	2055	512	281	209	170	136	628
	(10)		Confluence	162,700	182	226	615	1406	4595	6238	5688	1559	758	513	382	286	1850
	(11)	2-030	St. Lukulu	206,531	373	401	655	1111	2097	2604	2496	1260	782	614	518	446	1106
	(12)		Zambezi R. Portion	228,076	379	387	617	985	1674	2478	2614	1721	1171	848	636	490	1163
	(13)	2-250	St. Kalabo	34,621	15	12	16	26	166	523	486	200	92	61	35	21	137
	(14)		Luanginga R. Portion	41,233	17	8	5	-13	36	484	523	341	211	133	71	35	155
	(15)		Confluence	269,309	396	395	622	973	1710	2963	3137	2062	1382	981	707	525	1317
	(16)	2-400	St. Senanga	278,298	399	390	606	920	1533	2910	3187	2254	1544	1079	756	543	1341
KAFUE	(21)	4-050	St. Raglan Fara	4,999	3	2	13	61	159	174	170	98	33	20	14	9	62
	(22)		Kafue R. Portion	7,730	5	5	49	131	239	241	213	145	73	46	32	20	99
	(23)	4-120	St. Mambashi	869	1	1	9	19	29	26	20	11	7	6	4	3	11
	(24)	4-130	St. Smith's Bridge	8,599	6	7	57	150	268	267	233	156	79	51	37	23	110
	(25)	4-200	St. Mpatanato	11,655	13	17	67	216	424	387	343	181	91	61	46	31	154
	(26)	4-280	St. Machiya Ferry	22,920	18	17	75	281	593	613	601	328	142	92	72	50	238
	(27)		Kafue R. Portion	24,582	18	18	76	289	605	643	636	360	156	99	76	53	250
	(28)		Luswishi R. Portion	8,866	3	2	1	41	66	159	189	173	75	39	22	12	65
	(29)		Confluence	33,448	21	20	76	330	671	802	825	533	231	138	99	65	315
	(30)	4-350	St. Chilenga	34,162	21	20	76	333	677	815	840	547	237	141	101	66	320
	(31)	4-450	St. Lubungu	54,442	21	17	64	325	635	882	957	641	347	186	135	96	357
	(32)	4-560	St. Chifumpa Pontoon	21,445	23	26	87	270	638	761	673	137	90	74	59	45	237
	(33)		Lunga R. Portion	24,416	26	29	84	260	595	719	651	172	109	83	66	51	235
	(34)		Confluence	78,858	48	46	148	584	1230	1602	1608	814	457	269	201	147	591
	(35)	4-669	St. Kafue Hook Bridge	95,053	67	61	132	527	999	1374	1488	1008	562	317	239	180	576
LOWER ZAMBEZI	(17)		Livingstone	466,324	437	394	657	937	1323	5115	7600	4928	2558	1531	997	702	2267
	(18)		In (Kariba Dam)	608,634	498	489	1226	1799	1889	7113	7975	5088	2424	1754	1168	737	2684
	(18E)		Evaporation	---	421	277	270	198	257	220	254	242	205	233	261	339	265
	(18S)		Storage	---	-544	-387	-767	-1833	-1458	4793	4702	1064	-746	-1574	-2303	-1786	-64
	(19)		Out (Kariba Dam)	---	621	599	1724	3484	3089	2100	3019	3783	2966	3094	3210	2184	2488
	(20)		Zambezi R. Portion	612,724	623	602	1740	3509	3105	2157	3030	3788	2962	3100	3215	2185	2500
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	---	---	---	---	---	---	---	---	---	---	---	---	---
	(36E)		Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(36S)		Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(37)		Out (Itezhi-tezhi Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(38)		In (Kafue Gorge Dam)	151,576	---	---	---	---	---	---	---	---	---	---	---	---	---
	(38E)		Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(38S)		Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(39)		Out (Kafue Gorge Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(40)		Kafue R. Portion	154,882	---	---	---	---	---	---	---	---	---	---	---	---	---
ZAMBEZI	(41)		Confluence	767,606	---	---	---	---	---	---	---	---	---	---	---	---	---
	(42)		Zambezi R. Portion	786,686	---	---	---	---	---	---	---	---	---	---	---	---	---
LUANGWA	(43)	5-940	St. Luangwa Bridge	143,781	67	69	205	924	1885	1809	1322	479	266	182	147	122	615
	(44)		Luangwa R. Portion	150,586	70	72	215	968	1975	1895	1384	501	279	191	154	128	644
ZAMBEZI	(45)		Confluence	937,272	---	---	---	---	---	---	---	---	---	---	---	---	---

[Normal Year] : 1969/70

1969/70

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	118	172	406	1067	2886	2914	1098	533	273	187	137	97	812
"	"	(2)	1-150 St. Zambezi Pump House	87,275	140	205	483	1267	3426	3460	1303	632	324	223	163	116	964
"	"	(3)	Zambezi R. Portion	90,353	145	212	500	1312	3547	3582	1349	655	335	230	169	120	998
"	"	(4)	1-650 St. Kabompo Boma	42,740	135	168	273	399	901	837	392	238	178	152	128	99	321
"	"	(5)	Kabompo R. Portion	45,029	134	169	279	421	931	853	398	239	178	151	127	99	328
"	"	(6)	Dongwe R. Portion	20,568	-2	6	47	198	273	141	53	5	0	-1	-6	0	58
"	"	(7)	Confluence	65,597	132	175	326	619	1204	994	451	244	178	150	121	99	386
"	"	(8)	1-950 St. Watopa Pontoon	66,449	132	175	328	627	1215	1000	453	244	178	150	120	99	389
"	"	(9)	Kabompo R. Portion	72,347	131	177	342	684	1294	1041	468	245	178	150	118	99	405
"	"	(10)	Confluence	162,700	277	388	841	1996	4841	4623	1818	900	513	380	287	219	1403
"	"	(11)	2-030 St. LukuLu	206,531	439	516	791	1371	2215	2271	1357	850	604	495	436	379	970
"	"	(12)	Zambezi R. Portion	228,076	454	537	738	1166	1966	2343	1848	1266	888	632	501	419	1057
"	"	(13)	2-250 St. Kalabo	34,621	16	25	58	209	383	303	125	78	54	33	22	15	108
"	"	(14)	Luanginga R. Portion	41,233	21	32	41	146	307	325	275	205	141	75	42	27	135
"	"	(15)	Confluence	269,309	475	569	780	1311	2273	2668	2123	1472	1029	707	543	446	1193
"	"	(16)	2-400 St. Senanga	278,298	482	577	757	1225	2170	2698	2328	1645	1147	764	570	463	1229
"	KAFUE	(21)	4-050 St. Raglan Farm	4,999	6	7	22	58	123	133	63	27	16	11	9	6	40
"	"	(22)	Kafue R. Portion	7,730	13	18	53	126	190	175	103	55	34	23	17	11	68
"	"	(23)	4-120 St. Mwambashi	869	2	3	7	13	23	15	7	4	4	3	2	2	7
"	"	(24)	4-130 St. Smith's Bridge	8,599	16	21	60	138	213	190	110	59	37	26	20	12	74
"	"	(25)	4-200 St. Mpatamato	11,655	23	29	74	167	278	208	106	58	40	31	24	17	87
"	"	(26)	4-280 St. Maschiya Ferry	22,920	35	45	107	281	378	350	161	83	55	44	36	26	132
"	"	(27)	Kafue R. Portion	24,582	36	46	107	294	392	373	177	91	59	46	37	27	139
"	"	(28)	Luswishi R. Portion	8,866	6	9	-3	71	75	123	84	40	19	11	6	5	37
"	"	(29)	Confluence	33,448	42	55	104	366	466	496	261	131	78	57	43	32	176
"	"	(30)	4-350 St. Chilenga	34,162	43	56	103	371	472	506	267	134	79	58	44	32	179
"	"	(31)	4-450 St. Lubungu	54,442	67	78	153	426	540	496	335	158	95	73	57	41	208
"	"	(32)	4-560 St. Chifumpa Pontoon	21,445	37	49	120	204	460	257	125	81	60	51	42	31	124
"	"	(33)	Lunga R. Portion	24,416	42	53	119	212	437	263	138	86	64	55	45	35	127
"	"	(34)	Confluence	78,858	110	131	271	638	977	759	472	244	159	128	103	76	335
"	"	(35)	4-669 St. Kafue Hook Bridge	95,053	137	153	266	682	855	789	543	274	179	145	121	97	350
LOWER ZAMBEZI	(17)		Livingstone	466,324	553	629	885	1243	2224	4555	4090	2666	1605	945	672	517	1711
"	"	(18)	In (Kariba Dam)	608,634	775	682	2734	1988	2712	4646	4243	2752	1436	849	613	581	1998
"	"	(18E)	Evaporation	---	326	379	187	312	321	350	300	261	218	218	256	356	290
"	"	(18S)	Storage	---	-1702	-1768	1898	187	-661	933	561	318	484	-75	-375	-503	-51
"	"	(19)	Out (Kariba Dam)	---	2151	2071	650	1489	3052	3363	3382	2173	734	706	732	728	1759
"	"	(20)	Zambezi R. Portion	612,724	2157	2073	703	1510	3066	3366	3386	2175	729	703	730	730	1767
"	KAFUE	(36)	In (Itezhi-tezhi Dam)	105,672	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(36E)	Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(36S)	Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(37)	Out (Itezhi-tezhi Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(38)	In (Kafue Gorge Dam)	151,576	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(38E)	Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(38S)	Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(39)	Out (Kafue Gorge Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(40)	Kafue R. Portion	154,882	---	---	---	---	---	---	---	---	---	---	---	---	---
"	ZAMBEZI	(41)	Confluence	767,606	---	---	---	---	---	---	---	---	---	---	---	---	---
"	"	(42)	Zambezi R. Portion	786,686	---	---	---	---	---	---	---	---	---	---	---	---	---
"	LUANGWA	(43)	5-940 St. Luangwa Bridge	143,781	53	53	540	1007	1976	897	442	226	156	120	94	79	461
"	"	(44)	Luangwa R. Portion	150,586	55	56	566	1055	2069	939	463	236	163	126	99	82	483
"	ZAMBEZI	(45)	Confluence	937,272	---	---	---	---	---	---	---	---	---	---	---	---	---

[Normal Year] : 1970/71

1970/71

AREAS	BASINS	No.	ST.	POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)			Cholose	73,512	86	102	229	643	1794	1957	961	642	296	193	131	100	587
"	"	(2)	1-150	St. Zambezi Pump House	87,275	102	121	271	764	2129	2323	1141	763	352	229	155	119	697
"	"	(3)		Zambezi R. Portion	90,353	106	125	281	791	2204	2405	1181	789	364	237	161	123	722
"	"	(4)	1-650	St. Kabompo Boma	42,740	89	121	261	416	660	555	351	224	167	141	117	96	264
"	"	(5)		Kabompo R. Portion	45,029	89	121	261	425	685	576	355	225	166	141	117	96	269
"	"	(6)		Dongwe R. Portion	20,568	3	-2	-3	82	223	192	29	3	-5	-4	-3	0	42
"	"	(7)		Confluence	65,597	93	119	258	507	908	768	384	227	162	136	114	97	311
"	"	(8)	1-950	St. Watopa Pontoon	66,449	93	119	258	510	917	776	385	227	162	136	114	97	313
"	"	(9)		Kabompo R. Portion	72,347	94	118	257	534	981	831	393	228	160	135	113	97	325
"	"	(10)		Confluence	162,700	199	243	538	1325	3186	3236	1574	1018	525	372	274	220	1046
"	"	(11)	2-030	St. LukuLu	206,531	358	392	590	996	1700	1862	1218	886	586	481	420	374	817
"	"	(12)		Zambezi R. Portion	228,076	369	397	621	924	1490	2003	1633	1230	876	587	454	390	911
"	"	(13)	2-250	St. Kalabo	34,621	10	9	10	30	74	99	77	59	41	23	14	9	38
"	"	(14)		Luanginga R. Portion	41,233	14	11	20	8	10	142	205	165	130	56	24	14	67
"	"	(15)		Confluence	269,309	383	408	641	931	1499	2145	1837	1395	1006	643	478	404	977
"	"	(16)	2-400	St. Senanga	278,298	388	410	654	901	1411	2204	2010	1539	1127	688	492	410	1017
KAFUE	(21)	4-050	St. Raglan Farm	4,999	4	6	32	103	164	201	124	54	26	17	12	8	62	
"	(22)		Kafue R. Portion	7,730	8	19	88	183	215	242	166	97	56	41	30	20	96	
"	(23)	4-120	St. Mwambashi	869	1	3	14	25	24	25	12	6	5	4	3	2	10	
"	(24)	4-130	St. Smith's Bridge	8,599	9	22	101	208	240	268	178	104	61	45	32	22	107	
"	(25)	4-200	St. Mpatamato	11,655	13	27	119	288	357	348	191	99	61	47	35	25	133	
"	(26)	4-280	St. Machiya Ferry	22,920	21	33	151	352	501	516	356	150	86	65	50	37	191	
"	(27)		Kafue R. Portion	24,582	22	33	150	354	517	536	382	163	91	69	52	39	199	
"	(28)		Luswishi R. Portion	8,866	4	0	-3	13	86	107	143	70	30	20	11	6	40	
"	(29)		Confluence	33,448	26	33	148	367	603	643	525	233	122	89	63	44	239	
"	(30)	4-350	St. Chilenga	34,162	26	33	148	368	610	652	537	239	124	90	64	45	242	
"	(31)	4-450	St. Lubungu	54,442	29	33	134	375	587	603	536	316	136	95	73	53	246	
"	(32)	4-560	St. Chifumpa Pontoon	21,445	27	34	85	198	214	219	122	75	57	50	41	34	96	
"	(33)		Lunga R. Portion	24,416	30	37	88	203	233	239	151	94	64	55	46	38	106	
"	(34)		Confluence	78,858	59	70	222	578	821	842	687	410	200	151	120	92	351	
"	(35)	4-669	St. Kafue Hook Bridge	95,053	79	85	238	605	927	950	849	514	241	179	146	116	407	
LOWER ZAMBEZI	(17)			Livingstone	466,324	433	451	638	997	1348	2516	3040	2192	1555	952	646	502	1271
"	(18)			In (Kariba Dam)	608,634	490	781	828	2742	2581	2654	3067	1950	1453	775	572	545	1529
"	(18E)			Evaporation	---	403	303	313	213	255	310	288	237	196	200	238	328	274
"	(18S)			Storage	---	-654	-232	-261	1570	124	-917	-232	935	523	-169	-412	-541	-22
"	(19)			Out (Kariba Dam)	---	742	709	776	958	2201	3261	3011	778	734	744	746	758	1277
"	(20)			Zambezi R. Portion	612,724	744	718	781	1008	2236	3265	3012	771	731	739	744	759	1285
KAFUE	(36)			In (Itezhi-tezhi Dam)	105,672	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(36E)			Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(36S)			Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(37)			Out (Itezhi-tezhi Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(38)			In (Kafue Gorge Dam)	151,576	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(38E)			Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(38S)			Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(39)			Out (Kafue Gorge Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(40)			Kafue R. Portion	154,882	---	---	---	---	---	---	---	---	---	---	---	---	---
ZAMBEZI	(41)			Confluence	767,606	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(42)			Zambezi R. Portion	766,686	---	---	---	---	---	---	---	---	---	---	---	---	---
LUANGWA	(43)	5-940	St. Luangwa Bridge	143,781	67	79	942	1672	3009	2004	639	319	198	148	115	88	761	
"	(44)		Luangwa R. Portion	150,586	70	82	987	1751	3152	2099	670	334	208	155	120	92	797	
ZAMBEZI	(45)			Confluence	937,272	---	---	---	---	---	---	---	---	---	---	---	---	---

[Leap Year] : 1971/72

1971/72

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	79	100	145	295	338	756	1160	719	307	172	116	81	355
"	"	(2)	1-150 St. Zambezi Pump House	87,275	94	118	172	350	401	898	1377	853	365	205	138	96	422
"	"	(3)	Zambezi R. Portion	90,353	97	123	178	362	415	929	1425	883	378	212	143	100	436
"	"	(4)	1-650 St. Kabompo Boma	42,740	73	104	159	224	194	329	249	190	117	95	80	70	157
"	"	(5)	Kabompo R. Portion	45,029	74	103	158	225	194	333	251	190	119	97	81	71	158
"	"	(6)	Dongwe R. Portion	20,568	8	-1	-9	4	1	32	17	2	15	15	13	8	9
"	"	(7)	Confluence	65,597	83	103	149	229	196	364	268	191	133	112	94	78	167
"	"	(8)	1-950 St. Watopa Pontoon	66,449	83	103	148	229	196	366	269	191	134	113	94	79	167
"	"	(9)	Kabompo R. Portion	72,347	86	103	146	230	196	375	274	192	138	117	98	81	170
"	"	(10)	Confluence	162,700	183	225	324	592	612	1304	1699	1075	516	329	241	181	606
"	"	(11)	2-030 St. Lukulu	206,531	340	376	454	638	664	1016	1252	945	560	427	366	323	613
"	"	(12)	Zambezi R. Portion	228,076	341	371	457	653	761	948	1269	1239	886	528	404	337	682
"	"	(13)	2-250 St. Kalabo	34,621	6	5	5	8	30	78	192	84	59	41	22	13	45
"	"	(14)	Luanginga R. Portion	41,233	7	4	6	13	60	57	198	174	159	72	34	17	66
"	"	(15)	Confluence	269,309	348	375	463	666	821	1005	1467	1413	1046	601	438	354	749
"	"	(16)	2-400 St. Senanga	278,298	348	373	465	672	861	976	1474	1536	1182	643	454	360	777
"	KAFUE	(21)	4-050 St. Raglan Farm	4,999	6	7	17	47	51	102	126	54	26	16	12	9	39
"	"	(22)	Kafue R. Portion	7,730	15	19	45	108	119	167	173	101	57	37	27	18	74
"	"	(23)	4-120 St. Mwambashi	869	2	3	5	13	16	23	15	8	5	4	3	2	8
"	"	(24)	4-130 St. Smith's Bridge	8,599	16	21	50	121	135	189	188	109	62	41	30	20	82
"	"	(25)	4-200 St. Mpatamato	11,655	20	26	57	130	145	219	194	107	60	44	33	24	88
"	"	(26)	4-280 St. Machiya Ferry	22,920	30	35	69	182	197	298	294	159	81	60	46	35	124
"	"	(27)	Kafue R. Portion	24,582	30	36	70	188	205	304	313	173	87	63	48	36	129
"	"	(28)	Luswishi R. Portion	8,866	3	2	6	31	41	33	101	72	32	17	10	5	29
"	"	(29)	Confluence	33,448	33	38	76	218	246	337	414	245	119	80	58	41	158
"	"	(30)	4-350 St. Chilenga	34,162	34	39	76	221	249	339	422	251	122	82	59	41	161
"	"	(31)	4-450 St. Lubungu	54,442	38	42	78	249	274	329	390	284	128	85	65	48	167
"	"	(32)	4-560 St. Chifumpa Pontoon	21,445	27	33	43	86	66	133	105	61	42	37	32	27	58
"	"	(33)	Lunga R. Portion	24,416	31	37	48	98	83	144	125	80	51	43	37	32	67
"	"	(34)	Confluence	78,858	69	79	126	347	357	473	515	364	179	128	102	80	234
"	"	(35)	4-669 St. Kafue Hook Bridge	95,053	92	98	153	412	452	534	626	466	228	164	133	107	288
LOWER ZAMBEZI	(17)		Livingstone	466,324	399	409	538	829	1078	1161	1597	2035	1667	989	616	463	981
"	"	(18)	In (Kariba Dam)	608,634	396	713	754	2183	3073	1595	1825	1839	1516	793	513	511	1301
"	"	(18E)	Evaporation	---	398	303	281	244	293	267	229	234	216	203	229	311	267
"	"	(18S)	Storage	---	-766	-347	-279	1213	780	-1178	985	1012	621	-94	-432	-523	78
"	"	(19)	Out (Kariba Dam)	---	764	757	752	726	2000	2506	611	594	679	684	716	724	957
"	"	(20)	Zambezi R. Portion	612,724	764	766	758	765	2057	2518	618	588	675	678	713	725	956
"	KAFUE	(36)	In (Itezhi-tezhi Dam)	105,672													
"	"	(36E)	Evaporation	---													
"	"	(36S)	Storage	---													
"	"	(37)	Out (Itezhi-tezhi Dam)	---													
"	"	(38)	In (Kafue Gorge Dam)	151,576													
"	"	(38E)	Evaporation	---													
"	"	(38S)	Storage	---													
"	"	(39)	Out (Kafue Gorge Dam)	---													
"	"	(40)	Kafue R. Portion	154,882													
"	ZAMBEZI	(41)	Confluence	767,606													
"	"	(42)	Zambezi R. Portion	786,686													
"	LUANGWA	(43)	5-940 St. Luangwa Bridge	143,781	68	83	241	802	671	1092	514	280	177	138	116	97	356
"	"	(44)	Luangwa R. Portion	150,586	71	87	253	840	702	1144	539	294	186	145	121	102	373
"	ZAMBEZI	(45)	Confluence	937,272													

[Normal Year] : 1972/73

1972/73

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	76	93	130	329	523	1108	970	439	206	133	91	66	346
"	"	(2)	1-150 St. Zambezi Pump House	87,275	90	110	154	391	621	1315	1151	521	245	158	108	78	410
"	"	(3)	Zambezi R. Portion	90,353	93	114	160	405	643	1362	1192	540	254	164	112	81	425
"	"	(4)	1-650 St. Kabompo Boma	42,740	64	67	92	169	184	270	170	111	81	70	59	47	115
"	"	(5)	Kabompo R. Portion	45,029	64	68	92	168	182	270	172	111	82	70	61	48	115
"	"	(6)	Dongwe R. Portion	20,568	7	9	4	-7	-12	-3	17	2	4	7	10	12	4
"	"	(7)	Confluence	65,597	72	77	97	162	170	266	189	113	86	77	70	60	120
"	"	(8)	1-950 St. Matopa Pontoon	66,449	72	77	97	162	170	266	189	113	86	77	71	61	120
"	"	(9)	Kabompo R. Portion	72,347	74	80	98	160	166	265	194	114	87	79	73	64	121
"	"	(10)	Confluence	162,700	167	194	258	565	809	1627	1386	653	341	243	185	145	546
"	"	(11)	2-030 St. Lukulu	206,531	314	336	385	588	732	1159	1064	673	431	360	314	277	552
"	"	(12)	Zambezi R. Portion	228,076	313	336	383	563	746	1052	1173	970	576	399	333	285	593
"	"	(13)	2-250 St. Kalaba	34,621	8	6	6	4	5	17	36	25	17	13	10	6	13
"	"	(14)	Luanginga R. Portion	41,233	8	5	5	-3	9	-16	69	116	62	25	16	8	25
"	"	(15)	Confluence	269,309	321	341	387	560	755	1036	1241	1086	637	424	349	294	618
"	"	(16)	2-400 St. Senanga	278,298	321	341	386	549	761	991	1287	1210	698	440	357	297	635
"	KAFUE	(21)	4-050 St. Raglan Farm	4,999	4	4	6	11	19	27	23	12	6	4	3	3	10
"	"	(22)	Kafue R. Portion	7,730	13	12	17	34	59	74	52	27	15	11	9	7	27
"	"	(23)	4-120 St. Mwanbashi	869	2	2	3	5	6	9	5	3	2	2	2	1	3
"	"	(24)	4-130 St. Smith's Bridge	8,599	15	14	20	39	65	83	58	29	17	13	11	8	31
"	"	(25)	4-200 St. Mpatamato	11,655	18	19	28	40	72	93	53	30	20	17	15	12	35
"	"	(26)	4-280 St. Machiya Ferry	22,920	26	24	31	51	90	141	72	41	28	24	21	17	47
"	"	(27)	Kafue R. Portion	24,582	27	24	31	53	91	148	78	43	29	24	21	18	49
"	"	(28)	Luswishi R. Portion	8,866	3	3	2	10	8	36	33	11	3	2	2	3	10
"	"	(29)	Confluence	33,448	30	27	33	63	99	184	111	54	32	27	24	20	58
"	"	(30)	4-350 St. Chilenga	34,162	31	27	33	64	99	187	114	55	32	27	24	21	59
"	"	(31)	4-450 St. Lubungu	54,442	35	29	33	65	95	180	119	69	38	31	26	19	62
"	"	(32)	4-560 St. Chifumpa Pontoon	21,445	21	20	24	41	45	50	28	20	17	18	16	14	26
"	"	(33)	Lunga R. Portion	24,416	26	25	28	45	51	62	39	28	23	23	21	19	32
"	"	(34)	Confluence	78,858	61	54	62	110	147	242	158	97	61	54	47	39	94
"	"	(35)	4-669 St. Kafue Hook Bridge	95,053	87	79	85	133	179	308	216	140	92	82	73	64	128
"	LOW ZAMBEZI	(17)	Livingstone	466,324	366	383	470	650	901	1098	1400	1523	1103	612	463	363	776
"	"	(18)	In (Kariba Dam)	608,634	428	447	480	802	1393	1006	1155	1349	853	384	379	488	759
"	"	(18E)	Evaporation	---	389	392	378	330	256	304	285	235	213	211	260	322	298
"	"	(18S)	Storage	---	-674	-676	-634	-261	516	75	212	430	-116	-597	-652	-615	-255
"	"	(19)	Out (Kariba Dam)	---	713	731	736	733	620	628	658	684	756	770	771	782	716
"	"	(20)	Zambezi R. Portion	612,724	715	733	736	737	634	625	651	679	749	763	769	786	715
"	KAFUE	(36)	In (Itezhi-tezhi Dam)	105,672													
"	"	(36E)	Evaporation	---													
"	"	(36S)	Storage	---													
"	"	(37)	Out (Itezhi-tezhi Dam)	---													
"	"	(38)	In (Kafue Gorge Dam)	151,576													
"	"	(38E)	Evaporation	---													
"	"	(38S)	Storage	---													
"	"	(39)	Out (Kafue Gorge Dam)	---													
"	"	(40)	Kafue R. Portion	154,882													
"	ZAMBEZI	(41)	Confluence	767,606													
"	"	(42)	Zambezi R. Portion	786,686													
"	LUANGWA	(43)	5-940 St. Luangwa Bridge	143,781	80	80	139	347	795	1101	541	280	184	139	111	83	321
"	"	(44)	Luangwa R. Portion	150,586	84	84	146	364	833	1153	567	293	192	145	117	87	336
"	ZAMBEZI	(45)	Confluence	937,272													

(Normal Year) : 1973/74

1973/74

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	57	70	125	442	1320	1129	1487	625	266	151	100	73	481
"	(2)		1-150 St. Zambezi Pump House	87,275	68	83	149	525	1567	1341	1765	742	316	180	119	86	570
"	(3)		Zambezi R. Portion	90,353	71	86	154	544	1623	1388	1827	768	327	186	123	89	591
"	(4)		1-650 St. Kabompo Soma	42,740	45	55	85	139	213	252	254	135	91	77	63	48	121
"	(5)		Kabompo R. Portion	45,029	46	56	86	140	218	257	256	136	91	78	64	49	123
"	(6)		Dongwe R. Portion	20,568	12	10	6	15	45	45	13	3	4	6	10	12	15
"	(7)		Confluence	65,597	58	66	92	156	263	302	269	139	96	84	74	61	137
"	(8)		1-950 St. Matopa Pontoon	66,449	58	67	92	157	265	304	269	139	96	84	75	62	138
"	(9)		Kabompo R. Portion	72,347	62	70	94	161	278	317	273	140	97	85	78	65	142
"	(10)		Confluence	162,700	132	156	247	705	1901	1705	2101	908	424	272	201	155	733
"	(11)		2-030 St. Lukulu	206,531	262	299	379	671	1289	1327	1479	899	532	408	345	309	679
"	(12)		Zambezi R. Portion	228,076	262	297	381	610	1067	1489	1553	1360	858	493	381	323	755
"	(13)		2-250 St. Kalabo	34,621	4	4	5	43	252	174	193	88	72	49	22	12	75
"	(14)		Luanginga R. Portion	41,233	4	3	5	24	184	224	216	229	175	75	33	16	98
"	(15)		Confluence	269,309	265	300	387	634	1251	1713	1769	1589	1043	568	415	340	853
"	(16)		2-400 St. Senanga	278,298	267	299	388	609	1158	1781	1800	1782	1183	603	430	345	885
KAFUE	(21)		4-050 St. Raglan Farm	4,999	2	3	3	13	22	48	58	26	15	9	6	4	17
"	(22)		Kafue R. Portion	7,730	6	11	15	51	73	115	119	65	37	23	16	11	45
"	(23)		4-120 St. Mwebashi	869	1	1	2	8	11	12	11	6	4	3	3	2	5
"	(24)		4-130 St. Smith's Bridge	8,599	7	12	17	59	84	127	129	70	41	26	18	12	50
"	(25)		4-200 St. Mpatanato	11,655	12	22	30	79	168	201	164	82	48	34	25	17	73
"	(26)		4-280 St. Machiya Ferry	22,920	15	21	31	112	269	353	264	123	71	47	37	28	113
"	(27)		Kafue R. Portion	24,582	15	21	32	116	278	384	295	134	75	50	37	27	120
"	(28)		Luswishi R. Portion	8,866	3	2	4	20	50	163	116	56	26	14	4	-2	38
"	(29)		Confluence	33,448	18	22	36	136	329	546	402	190	101	64	41	25	158
"	(30)		4-350 St. Chilenga	34,162	18	23	37	137	333	559	411	195	103	65	41	25	161
"	(31)		4-450 St. Lubungu	54,442	15	20	42	159	413	490	438	230	118	76	57	40	173
"	(32)		4-560 St. Chifumpa Pontoon	21,445	13	15	21	52	104	131	66	36	28	25	22	19	44
"	(33)		Lunga R. Portion	24,416	15	17	28	70	181	152	76	42	32	29	25	21	57
"	(34)		Confluence	78,858	30	38	70	229	594	643	514	271	150	105	82	62	230
"	(35)		4-669 St. Kafue Hook Bridge	95,053	41	50	105	324	1012	760	568	302	174	125	100	77	298
LOWER ZAMBEZI	(17)		Livingstone	466,324	300	340	541	1094	1459	2726	2465	2550	1902	993	601	451	1284
"	(18)		In (Kariba Dam)	608,634	323	453	2580	4087	5247	5043	3057	2715	1675	870	570	459	2241
"	(18E)		Evaporation	---	384	275	216	228	230	240	268	184	203	213	249	342	253
"	(18S)		Storage	---	-853	-612	1576	3231	4342	1860	-864	-1800	782	19	-379	-586	538
"	(19)		Out (Kariba Dam)	---	793	790	789	628	675	2943	3653	4330	690	638	699	703	1450
"	(20)		Zambezi R. Portion	612,724	794	793	848	714	784	3010	3670	4335	683	634	698	703	1478
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672													
"	(36E)		Evaporation	---													
"	(36S)		Storage	---													
"	(37)		Out (Itezhi-tezhi Dam)	---													
"	(38)		In (Kafue Gorge Dam)	151,576													
"	(38E)		Evaporation	---													
"	(38S)		Storage	---													
"	(39)		Out (Kafue Gorge Dam)	---													
"	(40)		Kafue R. Portion	154,882													
ZAMBEZI	(41)		Confluence	767,606													
"	(42)		Zambezi R. Portion	786,686													
LUANGWA	(43)		5-940 St. Luangwa Bridge	143,781	59	60	294	1125	2866	2862	1893	559	263	171	115	67	848
"	(44)		Luangwa R. Portion	150,586	61	63	308	1179	3002	2998	1983	586	276	179	121	70	888
ZAMBEZI	(45)		Confluence	937,272													

[Normal Year] : 1974/75

1974/75

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	57	68	244	1284	1466	2221	1635	679	320	188	122	84	693
"	(2)		1-150 St. Zambezi Pump House	87,275	68	80	290	1524	1741	2637	1941	806	380	223	145	99	823
"	(3)		Zambezi R. Portion	90,353	71	83	300	1578	1802	2730	2009	834	394	231	150	103	852
"	(4)		1-650 St. Kabonpo Boma	42,740	38	48	118	330	377	557	367	190	123	100	86	67	199
"	(5)		Kabonpo R. Portion	45,029	39	49	117	335	387	586	381	190	123	100	86	68	204
"	(6)		Dongwe R. Portion	20,568	12	8	-5	44	92	259	122	1	-3	-2	0	4	44
"	(7)		Confluence	65,597	51	56	112	379	480	846	503	191	120	98	86	72	248
"	(8)		1-950 St. Watops Pontoon	66,449	51	57	112	381	483	856	509	191	120	98	86	72	250
"	(9)		Kabonpo R. Portion	72,347	54	59	110	394	510	931	544	191	119	97	86	73	263
"	(10)		Confluence	162,700	125	142	411	1972	2312	3661	2553	1026	513	328	235	176	1114
"	(11)		2-030 St. Lukulu	206,531	291	348	554	1457	1732	2124	1820	1057	693	542	459	401	952
"	(12)		Zambezi R. Portion	228,076	283	318	494	1085	1681	1993	2043	1463	986	661	472	386	984
"	(13)		2-250 St. Kalabo	34,621	7	5	6	44	223	463	330	128	75	41	22	13	112
"	(14)		Luangwa R. Portion	41,233	5	-4	-12	-70	208	422	399	252	165	78	26	9	122
"	(15)		Confluence	269,309	288	314	482	1015	1889	2416	2441	1715	1151	739	499	395	1106
"	(16)		2-400 St. Senanga	278,298	284	302	457	860	1868	2361	2534	1884	1274	788	504	389	1119
KAFUE	(21)		4-050 St. Raglan Farm	4,999	2	2	7	24	28	97	113	42	22	11	8	5	30
"	(22)		Kafue R. Portion	7,730	7	7	36	104	90	197	174	90	48	30	21	14	68
"	(23)		4-120 St. Mwambashi	869	1	1	8	20	18	28	16	8	5	4	3	3	10
"	(24)		4-130 St. Smith's Bridge	8,599	8	9	44	124	107	224	190	98	53	35	25	16	78
"	(25)		4-200 St. Mpatanato	11,655	12	13	59	183	152	294	229	102	58	40	30	22	99
"	(26)		4-280 St. Machiya Ferry	22,920	20	17	73	288	241	389	382	156	78	56	43	33	147
"	(27)		Kafue R. Portion	24,582	19	18	73	297	260	408	408	169	81	56	43	32	155
"	(28)		Luswishi R. Portion	8,866	-2	4	1	45	101	98	139	71	14	4	-1	-3	39
"	(29)		Confluence	33,448	17	22	74	342	360	506	547	241	95	60	42	30	194
"	(30)		4-350 St. Chilenga	34,162	16	22	74	345	369	514	559	246	96	60	42	30	197
"	(31)		4-450 St. Lubungu	54,442	25	20	107	417	437	567	488	321	129	86	64	48	225
"	(32)		4-560 St. Chifumpa Pontoon	21,445	15	15	47	158	171	226	136	55	42	35	30	25	79
"	(33)		Lunga R. Portion	24,416	17	17	55	192	181	257	150	63	45	37	32	27	89
"	(34)		Confluence	78,858	42	36	162	609	618	825	638	384	174	123	97	75	314
"	(35)		4-669 St. Kafue Hook Bridge	95,053	54	46	207	791	672	998	714	426	193	135	109	88	368
LOWER ZAMBEZI	(17)		Livingstone	466,324	329	345	586	963	1947	3308	4823	3334	2010	1157	691	502	1661
"	(18)		In (Kariba Dam)	608,634	435	609	2366	2324	4778	4394	4976	3259	1885	1011	572	600	2250
"	(18E)		Evaporation	---	403	293	228	282	262	270	247	239	210	212	257	320	269
"	(18S)		Storage	---	-699	-409	1416	492	-2155	-2275	-1064	2325	973	113	-396	-428	-159
"	(19)		Out (Kariba Dam)	---	731	726	722	1550	6671	6398	5793	695	702	686	710	708	2139
"	(20)		Zambezi R. Portion	612,724	734	734	773	1589	6752	6429	5797	693	698	682	707	711	2156
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672													
"	(36E)		Evaporation	---													
"	(36S)		Storage	---													
"	(37)		Out (Itezhi-tezhi Dam)	---													
"	(38)		In (Kafue Gorge Dam)	151,576													
"	(38E)		Evaporation	---													
"	(38S)		Storage	---													
"	(39)		Out (Kafue Gorge Dam)	---													
"	(40)		Kafue R. Portion	154,882													
ZAMBEZI	(41)		Confluence	767,606													
"	(42)		Zambezi R. Portion	786,686													
LUANGWA	(43)		5-940 St. Luangwa Bridge	143,781	8	11	374	1053	999	2130	840	410	169	12	3	0	499
"	(44)		Luangwa R. Portion	150,586	9	11	392	1103	1047	2231	880	429	177	12	3	1	523
ZAMBEZI	(45)		Confluence	937,272													

AREAS	BASINS	No.	ST.	POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)			Cholose	73,512	118	116	168	338	1130	1448	2014	895	352	209	140	98	580
"	"	(2)		1-150 St. Zambezi Pump House	87,275	140	138	200	402	1342	1719	2391	1063	418	248	166	116	689
"	"	(3)		Zambezi R. Portion	90,353	145	143	207	416	1389	1779	2475	1101	432	257	172	120	713
"	"	(4)		1-650 St. Kabompo Bona	42,740	112	108	183	329	398	474	505	269	177	145	120	90	262
"	"	(5)		Kabompo R. Portion	45,029	112	108	181	330	407	494	515	270	176	144	120	91	245
"	"	(6)		Dongwe R. Portion	20,568	-6	-2	-11	7	75	176	89	7	-8	-8	-6	1	26
"	"	(7)		Confluence	65,597	106	106	170	337	482	669	604	277	168	136	114	92	270
"	"	(8)		1-950 St. Matopa Pontoon	66,449	106	106	170	337	485	677	608	277	167	136	113	92	271
"	"	(9)		Kabompo R. Portion	72,347	104	106	166	339	506	727	634	279	165	134	111	92	279
"	"	(10)		Confluence	162,700	249	249	374	755	1896	2506	3108	1380	598	391	283	212	992
"	"	(11)		2-030 St. Lukulu	206,531	435	434	550	800	1397	1700	1864	1163	689	543	458	392	865
"	"	(12)		Zambezi R. Portion	228,076	430	447	520	743	1148	1607	1890	1618	1054	670	461	400	913
"	"	(13)		2-250 St. Kalabo	34,621	11	7	9	13	41	154	106	82	58	46	30	15	48
"	"	(14)		Luanginga R. Portion	41,233	10	11	0	-4	-35	126	114	222	170	85	31	18	63
"	"	(15)		Confluence	269,309	440	458	520	738	1112	1732	2004	1840	1224	755	492	418	976
"	"	(16)		2-400 St. Senanga	278,298	438	463	508	714	1008	1693	2014	2030	1376	808	494	421	996
KAFUE	(21)			4-050 St. Raglan Farm	4,999	4	4	9	29	67	151	130	53	25	14	10	6	42
"	(22)			Kafue R. Portion	7,730	18	20	44	94	148	229	189	107	59	41	32	22	83
"	(23)			4-120 St. Mwambashi	869	3	3	7	12	14	26	14	6	5	4	3	2	8
"	(24)			4-130 St. Smith's Bridge	8,599	21	23	51	105	162	255	203	113	63	44	35	24	91
"	(25)			4-200 St. Mpatanato	11,655	25	26	45	99	187	353	226	107	61	44	35	24	102
"	(26)			4-280 St. Machiya Ferry	22,920	37	36	58	123	248	471	405	169	85	63	51	37	148
"	(27)			Kafue R. Portion	24,582	37	36	59	126	251	488	437	187	92	67	53	38	155
"	(28)			Luswishi R. Portion	8,866	0	2	6	14	17	91	166	100	36	19	12	7	39
"	(29)			Confluence	33,448	38	39	66	140	268	579	603	288	127	86	65	45	195
"	(30)			4-350 St. Chilenga	34,162	38	39	66	141	269	587	616	296	130	88	66	45	198
"	(31)			4-450 St. Lubungu	54,442	58	48	67	137	253	465	534	363	146	95	74	54	191
"	(32)			4-560 St. Chifumpa Pontoon	21,445	30	27	40	88	107	259	159	74	52	44	38	29	79
"	(33)			Lunga R. Portion	24,416	34	30	43	88	109	257	165	79	55	47	41	32	82
"	(34)			Confluence	78,858	91	78	110	225	362	722	699	442	201	142	115	86	272
"	(35)			4-669 St. Kafue Hook Bridge	95,053	109	94	123	229	375	712	732	468	221	158	131	101	287
LOWER ZAMBEZI	(17)			Livingstone	466,324	497	498	560	803	1128	1960	2658	2882	2276	1281	750	548	1320
"	(18)			In (Kariba Dam)	608,634	473	612	644	949	2033	3510	2759	2787	2101	1162	627	605	1518
"	(18E)			Evaporation	---	340	333	301	310	242	253	268	246	196	198	231	313	269
"	(18S)			Storage	---	-604	-565	-452	-188	1021	2438	-78	190	608	57	-588	-626	96
"	(19)			Out (Kariba Dam)	---	736	844	794	827	770	819	2569	2351	1297	908	984	918	1152
"	(20)			Zambezi R. Portion	612,724	735	847	796	831	796	864	2572	2348	1292	905	980	920	1157
KAFUE	(36)			In (Itezhi-tezhi Dam)	105,672	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(36E)			Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(36S)			Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(37)			Out (Itezhi-tezhi Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(38)			In (Kafue Gorge Dam)	151,576	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(38E)			Evaporation	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(38S)			Storage	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(39)			Out (Kafue Gorge Dam)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(40)			Kafue R. Portion	154,882	---	---	---	---	---	---	---	---	---	---	---	---	---
ZAMBEZI	(41)			Confluence	767,606	---	---	---	---	---	---	---	---	---	---	---	---	---
"	(42)			Zambezi R. Portion	786,686	---	---	---	---	---	---	---	---	---	---	---	---	---
LUANGWA	(43)			5-940 St. Luangwa Bridge	143,781	1	5	193	964	1089	1997	916	558	15	78	101	77	497
"	(44)			Luangwa R. Portion	150,586	1	5	202	1009	1140	2092	960	585	16	82	106	81	521
ZAMBEZI	(45)			Confluence	937,272	---	---	---	---	---	---	---	---	---	---	---	---	---

[Normal Year] : 1978/79

1978/79

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km2)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	82	144	383	782	1684	2208	2423	691	326	205	145	106	758
"	(2)	1-150	St. Zambezi Pump House	87,275	97	171	455	928	1999	2622	2877	821	387	243	172	126	899
"	(3)		Zambezi R. Portion	90,353	101	177	471	961	2070	2714	2978	850	400	252	178	130	931
"	(4)	1-650	St. Kabompo Boma	42,740	93	160	281	451	513	975	860	336	225	186	154	118	362
"	(5)		Kabompo R. Portion	45,029	93	159	281	460	527	997	898	339	225	186	154	118	369
"	(6)		Dongwe R. Portion	20,568	1	-9	2	78	127	193	335	32	2	0	-2	5	63
"	(7)		Confluence	65,597	94	150	283	537	655	1189	1233	371	227	186	152	123	431
"	(8)	1-950	St. Watopa Pontoon	66,449	94	150	283	541	660	1197	1247	372	227	185	152	123	434
"	(9)		Kabompo R. Portion	72,347	94	147	284	563	696	1253	1343	381	227	185	151	124	452
"	(10)		Confluence	162,700	194	324	755	1524	2766	3967	4321	1231	628	437	329	255	1383
"	(11)	2-030	St. Lukulu	206,531	378	520	783	1236	1717	2246	2297	1139	728	590	506	444	1044
"	(12)		Zambezi R. Portion	228,076	368	607	126	1074	1493	2088	2336	1667	1071	662	557	451	1088
"	(13)	2-250	St. Kalabo	34,621	12	12	15	29	127	175	290	109	69	43	23	15	76
"	(14)		Luanginga R. Portion	41,233	9	39	-2	-21	58	126	302	271	174	65	39	17	90
"	(15)		Confluence	269,309	377	646	724	1053	1551	2215	2638	1938	1245	727	596	468	1178
"	(16)	2-400	St. Senanga	278,298	372	683	700	986	1458	2149	2654	2158	1388	757	617	470	1196
KAFUE	(21)	4-050	St. Raglan Farm	4,999	5	13	37	69	127	193	214	111	47	30	22	12	73
"	(22)		Kafue R. Portion	7,730	28	39	87	140	181	240	256	153	90	61	45	32	112
"	(23)	4-120	St. Mvambashi	889	2	4	15	18	23	30	27	11	7	6	4	3	13
"	(24)	4-130	St. Smith's Bridge	8,599	30	42	102	157	204	270	284	164	97	67	50	35	125
"	(25)	4-200	St. Mpatamato	11,655	31	45	129	190	247	385	365	223	189	75	59	44	165
"	(26)	4-280	St. Machiya Ferry	22,920	43	60	174	334	354	568	647	355	164	109	81	57	245
"	(27)		Kafue R. Portion	24,582	45	63	174	344	367	589	680	390	178	118	88	61	257
"	(28)		Luswishi R. Portion	8,866	14	14	-1	53	70	110	176	188	77	47	34	20	67
"	(29)		Confluence	33,448	59	76	172	397	438	699	856	578	255	165	122	81	324
"	(30)	4-350	St. Chilenga	34,162	60	77	172	401	443	708	870	593	261	169	124	83	329
"	(31)	4-450	St. Lubungu	54,442	70	87	178	399	478	679	890	668	370	201	145	99	354
"	(32)	4-560	St. Chifumpa Pontoon	21,445	41	64	122	201	227	319	415	245	118	96	75	56	164
"	(33)		Lunga R. Portion	24,416	47	72	126	198	231	352	458	247	125	99	78	59	174
"	(34)		Confluence	78,858	118	158	304	597	709	1030	1348	916	494	299	223	158	528
"	(35)	4-669	St. Kafue Hook Bridge	95,053	155	200	327	581	730	1211	1584	927	527	314	239	175	579
LOWER ZAMBEZI	(17)		Livingstone	466,324	576	625	857	1078	1475	2407	4170	3949	2198	1242	790	595	1662
"	(18)		In (Kariba Dam)	608,634	580	733	2206	1331	1865	3011	4078	3846	2164	1194	730	628	1863
"	(18E)		Evaporation	---	342	376	297	315	333	236	298	268	238	243	259	352	296
"	(18S)		Storage	---	-623	-526	1075	151	-63	359	1389	1082	-608	-1327	-473	-644	-16
"	(19)		Out (Kariba Dam)	---	861	883	834	866	1594	2416	2391	2496	2534	2277	944	921	1584
"	(20)		Zambezi R. Portion	612,724	861	886	873	873	1605	2433	2388	2493	2533	2276	942	922	1589
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672													
"	(36E)		Evaporation	---													
"	(36S)		Storage	---													
"	(37)		Out (Itezhi-tezhi Dam)	---													
"	(38)		In (Kafue Gorge Dam)	151,576													
"	(38E)		Evaporation	---													
"	(38S)		Storage	---													
"	(39)		Out (Kafue Gorge Dam)	---													
"	(40)		Kafue R. Portion	154,882													
ZAMBEZI	(41)		Confluence	767,606													
"	(42)		Zambezi R. Portion	786,686													
LUANGWA	(43)	5-940	St. Luangwa Bridge	143,781	19	21	1046	1038	1112	2401	1355	1010	1169	418	307	211	842
"	(44)		Luangwa R. Portion	150,586	20	22	1095	1087	1165	2514	1419	1057	1224	438	321	221	882
ZAMBEZI	(45)		Confluence	937,272													

AREAS	BASINS	No.	ST.	POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)			Cholose	73,512	83	119	535	1737	1472	1843	1556	875	353	188	134	96	748
"	"	(2)	1-150	St. Zambezi Pump House	87,275	98	142	635	2063	1747	2188	1848	1039	419	223	159	114	888
"	"	(3)		Zambezi R. Portion	90,353	102	147	657	2135	1809	2265	1913	1076	434	231	165	118	919
"	"	(4)	1-650	St. Kabompo Boma	42,740	100	159	394	407	446	533	525	309	206	171	155	112	293
"	"	(5)		Kabompo R. Portion	45,029	101	159	399	416	454	545	532	310	205	170	152	112	296
"	"	(6)		Dongwe R. Portion	20,568	6	-3	38	77	70	112	66	11	-9	-11	-19	2	28
"	"	(7)		Confluence	65,597	107	156	436	493	524	657	598	321	196	159	133	115	324
"	"	(8)	1-950	St. Watopa Pontoon	66,449	107	156	438	496	527	662	600	322	195	158	133	115	325
"	"	(9)		Kabompo R. Portion	72,347	109	155	449	518	547	694	619	325	193	155	127	116	333
"	"	(10)		Confluence	162,700	211	302	1106	2654	2356	2959	2532	1401	626	386	292	234	1252
"	"	(11)	2-030	St. Lukulu	206,531	403	496	986	1784	1698	1921	1597	1047	672	544	470	413	1001
"	"	(12)		Zambezi R. Portion	228,076	385	464	816	1411	1749	1885	1633	1480	971	645	514	415	1028
"	"	(13)	2-250	St. Kalabo	34,621	10	11	21	73	140	301	159	81	54	33	18	12	76
"	"	(14)		Luanginga R. Portion	41,233	4	2	-31	-41	155	290	171	214	145	64	32	12	84
"	"	(15)		Confluence	269,309	390	466	785	1370	1904	2175	1803	1694	1117	709	545	427	1113
"	"	(16)	2-400	St. Senanga	278,298	382	453	714	1215	1925	2160	1818	1875	1242	751	564	428	1124
"	KAFUE	(21)	4-050	St. Raglan Farm	4,999	7	12	51	74	97	125	141	88	39	27	20	10	57
"	"	(22)		Kafue R. Portion	7,730	27	37	88	137	143	179	184	132	72	49	36	27	92
"	"	(23)	4-120	St. Mwanbashi	869	3	5	12	10	11	18	17	7	5	4	3	2	8
"	"	(24)	4-130	St. Smith's Bridge	8,599	30	42	100	147	154	197	201	139	77	53	39	29	100
"	"	(25)	4-200	St. Mpatamato	11,655	37	45	141	168	191	276	255	146	82	60	45	32	123
"	"	(26)	4-280	St. Machiya Ferry	22,920	45	59	202	271	311	416	417	285	129	91	73	51	196
"	"	(27)		Kafue R. Portion	24,582	47	61	202	284	324	438	444	312	140	98	77	54	206
"	"	(28)		Luswishi R. Portion	8,866	10	9	0	71	70	118	144	143	59	36	24	14	58
"	"	(29)		Confluence	33,448	58	70	202	355	394	555	589	455	200	134	101	68	265
"	"	(30)	4-350	St. Chilenga	34,162	58	70	202	361	400	565	600	466	205	137	102	69	269
"	"	(31)	4-450	St. Lubungu	54,442	68	79	213	377	439	525	552	497	253	148	112	79	278
"	"	(32)	4-560	St. Chifumpa Pontoon	21,445	49	65	157	164	232	271	261	236	124	76	60	44	145
"	"	(33)		Lunga R. Portion	24,416	51	67	159	165	239	296	260	222	122	78	62	47	147
"	"	(34)		Confluence	78,858	119	146	372	542	678	821	811	719	375	226	174	127	425
"	"	(35)	4-669	St. Kafue Hook Bridge	95,053	134	158	381	548	721	962	805	645	361	234	188	142	439
LOWER ZAMBEZI	(17)			Livingstone	466,324	449	507	815	1209	2368	2575	3068	2735	1894	1052	696	526	1486
"	"	(18)		In (Kariba Dam)	608,634	599	670	2152	1678	2871	3657	3089	2617	1741	917	663	657	1773
"	"	(18E)		Evaporation	---	344	326	245	356	281	243	244	273	240	234	295	342	285
"	"	(18S)		Storage	---	-641	-584	735	-1938	1065	2415	469	38	470	-399	-681	-723	14
"	"	(19)		Out (Kariba Dam)	---	896	928	1172	3260	1525	999	2376	2306	1030	1081	1050	1037	1473
"	"	(20)		Zambezi R. Portion	612,724	900	933	1210	3273	1539	1030	2377	2303	1026	1077	1049	1041	1481
"	KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	151	176	631	437	778	1036	810	657	372	234	180	132	465
"	"	(36E)		Evaporation	---	29	19	19	15	12	16	17	16	13	17	20	24	18
"	"	(36S)		Storage	---	-77	-47	66	-482	1	79	259	147	83	43	-5	-22	3
"	"	(37)		Out (Itezhi-tezhi Dam)	---	200	204	547	903	765	941	535	494	276	174	165	129	444
"	"	(38)		In (Kafue Gorge Dam)	151,576	356	291	435	417	498	755	812	764	696	558	389	267	520
"	"	(38E)		Evaporation	---	17	15	27	32	30	40	36	32	25	32	38	49	31
"	"	(38S)		Storage	---	42	13	146	-8	32	-26	4	-18	21	-15	17	4	18
"	"	(39)		Out (Kafue Gorge Dam)	---	297	262	261	393	436	741	771	750	650	540	395	213	471
"	"	(40)		Kafue R. Portion	154,882	300	264	263	394	444	769	770	735	647	542	337	216	474
"	ZAMBEZI	(41)		Confluence	767,606	1201	1197	1474	3667	1984	1800	3147	3038	1673	1619	1386	1257	1935
"	"	(42)		Zambezi R. Portion	786,686	1221	1219	1653	3730	2051	1945	3150	3022	1653	1601	1382	1274	1993
"	LUANGWA	(43)	5-940	St. Luangwa Bridge	143,781	70	85	580	641	1189	2232	1886	881	461	315	217	109	720
"	"	(44)		Luangwa R. Portion	150,586	74	89	607	671	1245	2337	1975	923	483	330	227	114	755
"	ZAMBEZI	(45)		Confluence	937,272	1295	1308	2260	4401	3296	4282	5124	3945	2135	1931	1609	1388	2748

[Normal Year] : 1980/81

1980/81

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	77	101	158	235	871	1234	1964	569	244	150	108	82	478
"	"	(2)	1-150 St. Zambezi Pump House	87,275	91	120	188	279	1034	1465	2332	675	289	178	128	97	568
"	"	(3)	Zambezi R. Portion	90,353	94	124	194	289	1071	1516	2414	699	300	184	133	100	598
"	"	(4)	1-650 St. Kabompo Boma	42,740	94	116	222	279	400	614	604	272	156	50	31	45	239
"	"	(5)	Kabompo R. Portion	45,029	95	117	220	280	407	646	623	272	159	59	37	49	246
"	"	(6)	Dongwe R. Portion	20,568	11	10	-13	11	62	294	167	7	20	83	55	38	62
"	"	(7)	Confluence	65,597	106	126	207	291	469	940	789	279	178	142	92	87	308
"	"	(8)	1-950 St. Matopa Pontoon	66,449	106	127	207	291	472	952	796	279	179	146	94	89	310
"	"	(9)	Kabompo R. Portion	72,347	109	129	203	294	490	1036	844	281	185	169	110	100	328
"	"	(10)	Confluence	162,700	204	253	398	583	1560	2552	3258	980	484	353	243	200	916
"	"	(11)	2-030 St. Lukulu	206,531	361	404	541	674	1043	1618	1975	997	650	493	418	368	793
"	"	(12)	Zambezi R. Portion	228,076	352	390	529	686	926	1448	2005	1537	707	595	447	370	832
"	"	(13)	2-250 St. Kalabo	34,621	9	8	8	17	68	353	213	94	71	46	29	19	78
"	"	(14)	Luanginga R. Portion	41,233	6	3	5	21	32	301	222	260	89	77	37	20	90
"	"	(15)	Confluence	269,309	358	393	534	707	959	1748	2228	1797	796	672	484	390	922
"	"	(16)	2-400 St. Senanga	278,298	354	387	529	711	910	1677	2240	2023	820	715	496	391	938
"	KAFUE	(21)	4-050 St. Raglan Farm	4,999	6	5	12	30	54	103	110	44	24	14	10	6	35
"	"	(22)	Kafue R. Portion	7,730	20	15	37	84	121	127	153	87	50	33	25	17	64
"	"	(23)	4-120 St. Mwambashi	869	2	2	4	6	11	67	10	6	4	3	2	2	10
"	"	(24)	4-130 St. Smith's Bridge	8,599	22	17	41	90	132	194	163	93	54	36	28	19	74
"	"	(25)	4-200 St. Mpatamato	11,655	32	29	57	139	224	331	197	120	68	50	37	27	109
"	"	(26)	4-280 St. Machiya Ferry	22,920	41	41	71	196	312	548	391	205	105	77	60	44	173
"	"	(27)	Kafue R. Portion	24,582	42	42	72	196	319	573	427	223	115	82	63	46	183
"	"	(28)	Luswishi R. Portion	8,866	5	7	3	0	36	137	193	99	50	28	19	12	49
"	"	(29)	Confluence	33,448	47	49	75	196	355	710	620	323	165	110	82	58	232
"	"	(30)	4-350 St. Chilenga	34,162	47	50	75	196	358	721	636	331	169	113	84	59	236
"	"	(31)	4-450 St. Lubungu	54,442	56	59	77	215	434	722	674	454	218	146	103	72	268
"	"	(32)	4-560 St. Chifumpa Pontoon	21,445	37	37	59	94	170	570	200	107	72	62	51	40	125
"	"	(33)	Lunga R. Portion	24,416	40	41	62	104	203	594	226	117	77	63	54	44	135
"	"	(34)	Confluence	78,858	96	100	139	318	638	1316	899	571	295	209	158	116	403
"	"	(35)	4-669 St. Kafue Hook Bridge	95,053	109	119	158	372	820	1443	1039	627	318	218	175	136	459
LOWER ZAMBEZI	(17)		Livingstone	466,324	405	441	615	863	1170	1822	3089	3223	2033	1068	679	503	1325
"	"	(18)	In (Kariba Dam)	608,634	474	649	944	1908	6073	3345	3100	3277	1942	1056	670	575	1972
"	"	(18E)	Evaporation	---	387	368	320	287	237	302	287	260	249	255	307	369	303
"	"	(18S)	Storage	---	-943	-720	-301	715	4692	-892	314	437	-922	-265	-720	-860	13
"	"	(19)	Out (Kariba Dam)	---	1030	1001	925	905	1143	3936	2499	2581	2615	1067	1083	1066	1657
"	"	(20)	Zambezi R. Portion	612,724	1032	1007	934	935	1284	3980	2499	2583	2612	1067	1083	1068	1676
"	KAFUE	(36)	In (Itezhi-tezhi Dam)	105,672	73	94	149	401	1025	1473	970	630	310	205	168	134	466
"	"	(36E)	Evaporation	---	28	19	18	16	15	19	19	17	13	17	20	24	19
"	"	(36S)	Storage	---	-155	-91	-17	177	106	-18	-25	36	9	-2	-14	-26	-2
"	"	(37)	Out (Itezhi-tezhi Dam)	---	200	166	148	209	903	1471	976	578	287	190	162	136	449
"	"	(38)	In (Kafue Gorge Dam)	151,576	181	226	255	325	721	1050	1225	1239	1040	829	516	328	660
"	"	(38E)	Evaporation	---	56	39	45	38	31	39	38	33	24	31	35	48	38
"	"	(38S)	Storage	---	-29	34	51	-59	5	-9	18	-34	8	-12	0	39	1
"	"	(39)	Out (Kafue Gorge Dam)	---	154	153	159	346	685	1019	1169	1239	1008	811	481	241	621
"	"	(40)	Kafue R. Portion	154,882	157	157	163	357	722	1045	1198	1251	1012	812	485	245	633
"	ZAMBEZI	(41)	Confluence	767,606	1189	1164	1098	1292	2006	5025	3697	3833	3625	1879	1567	1313	2308
"	"	(42)	Zambezi R. Portion	786,686	1198	1192	1142	1432	2663	5229	3689	3841	3613	1877	1566	1323	2395
"	LUANGWA	(43)	5-940 St. Luangwa Bridge	143,781	74	62	449	788	2291	1840	496	339	159	114	83	62	553
"	"	(44)	Luangwa R. Portion	150,586	77	65	471	825	2399	1928	519	355	167	120	87	65	579
"	ZAMBEZI	(45)	Confluence	937,272	1275	1256	1612	2258	5062	7157	4218	4195	3779	1997	1653	1388	2974

[Normal Year] : 1981/82

1981/82

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	63	67	101	194	389	998	685	396	207	140	101	75	284
"	"	(2)	1-150 St. Zambezi Pump House	87,275	75	80	120	230	462	1185	813	470	246	166	120	90	337
"	"	(3)	Zambezi R. Portion	90,353	78	82	124	239	478	1227	842	486	254	172	124	93	349
"	"	(4)	1-550 St. Kabonpo Boma	42,740	102	79	34	87	165	234	126	67	136	113	94	75	109
"	"	(5)	Kabonpo R. Portion	45,029	102	80	43	100	187	260	142	79	135	113	94	76	117
"	"	(6)	Dongwe R. Portion	20,568	-14	9	88	118	197	232	142	109	-3	-1	3	7	73
"	"	(7)	Confluence	65,597	88	89	132	218	384	492	284	187	133	112	97	83	190
"	"	(8)	1-950 St. Hatopa Pontoon	66,449	87	89	135	223	392	502	290	192	133	112	97	83	193
"	"	(9)	Kabonpo R. Portion	72,347	83	92	161	257	448	568	330	223	132	112	97	85	214
"	"	(10)	Confluence	162,700	161	174	285	495	926	1795	1172	709	386	284	222	177	564
"	"	(11)	2-030 St. Lukulu	206,531	329	332	412	652	738	1259	926	731	423	452	364	323	578
"	"	(12)	Zambezi R. Portion	228,076	320	317	404	660	728	1074	1171	1003	652	481	390	353	629
"	"	(13)	2-250 St. Kalabo	34,621	14	11	11	10	13	54	90	63	48	29	24	20	32
"	"	(14)	Luanginga R. Portion	41,233	11	7	8	13	10	-2	165	146	118	38	32	29	48
"	"	(15)	Confluence	269,309	331	324	412	673	738	1071	1336	1149	770	519	422	382	676
"	"	(16)	2-400 St. Senanga	278,298	327	318	408	677	734	994	1438	1263	866	531	433	394	698
KAFUE	(21)		4-050 St. Raglan Farm	4,999	4	3	5	15	63	63	41	31	14	8	5	3	21
"	"	(22)	Kafue R. Portion	7,730	11	10	18	40	145	117	80	60	30	19	15	10	46
"	"	(23)	4-120 St. Mwambashi	869	1	2	3	9	18	9	6	4	2	2	2	1	5
"	"	(24)	4-130 St. Smith's Bridge	8,599	13	12	22	48	162	126	86	64	33	21	16	12	50
"	"	(25)	4-200 St. Mpatamato	11,655	19	18	32	66	178	131	83	64	37	27	22	18	57
"	"	(26)	4-280 St. Machiya Ferry	22,920	34	30	43	87	251	250	122	95	60	43	36	29	89
"	"	(27)	Kafue R. Portion	24,582	35	31	45	89	254	275	134	103	63	45	37	29	94
"	"	(28)	Luswishi R. Portion	8,866	5	3	9	7	14	134	64	40	20	9	5	3	26
"	"	(29)	Confluence	33,448	40	33	54	96	268	409	198	142	83	54	42	33	120
"	"	(30)	4-350 St. Chilenga	34,162	41	34	55	97	269	420	203	146	84	55	43	33	122
"	"	(31)	4-450 St. Lubungu	54,442	49	39	61	99	280	398	223	150	92	63	50	39	127
"	"	(32)	4-560 St. Chifumpa Pontoon	21,445	30	27	34	61	152	97	63	49	37	33	49	39	55
"	"	(33)	Lunga R. Portion	24,416	34	31	37	65	168	108	76	53	41	37	49	40	61
"	"	(34)	Confluence	78,858	83	69	98	164	448	506	299	203	132	100	99	78	188
"	"	(35)	4-669 St. Kafue Hook Bridge	95,053	103	86	117	188	535	567	373	230	154	120	101	84	219
LOWER ZAMBEZI	(17)		Livingstone	466,324	386	353	463	606	816	1008	1434	1580	1205	715	526	413	791
"	"	(18)	In (Kariba Dam)	608,634	443	657	622	942	1159	1075	1242	1458	1034	546	547	429	844
"	"	(18E)	Evaporation	---	412	398	380	370	335	378	367	297	234	227	260	314	331
"	"	(18S)	Storage	---	-1000	-759	-771	-432	-145	-150	77	300	-136	-731	-729	-964	-456
"	"	(19)	Out (Kariba Dam)	---	1031	1018	1013	1003	969	847	798	862	935	1050	1016	1079	969
"	"	(20)	Zambezi R. Portion	612,724	1033	1027	1018	1013	979	849	792	858	930	1045	1017	1079	970
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	99	66	84	183	519	532	409	128	122	88	57	48	192
"	"	(36E)	Evaporation	---	29	19	18	15	14	19	19	17	13	17	19	22	18
"	"	(36S)	Storage	---	-65	-93	-99	1	117	41	209	-47	-25	-49	-168	-204	-33
"	"	(37)	Out (Itezhi-tezhi Dam)	---	135	140	165	167	388	472	181	158	134	120	206	230	207
"	"	(38)	In (Kafue Gorge Dam)	151,576	176	170	168	260	265	293	296	247	196	178	145	201	216
"	"	(38E)	Evaporation	---	57	34	29	28	32	40	40	39	28	31	29	30	35
"	"	(38S)	Storage	---	-38	-24	-28	76	14	-17	41	0	-41	-28	-60	-7	-9
"	"	(39)	Out (Kafue Gorge Dam)	---	156	170	167	156	219	271	215	209	209	175	175	178	191
"	"	(40)	Kafue R. Portion	154,882	160	173	171	161	237	283	230	214	214	179	176	179	198
ZAMBEZI	(41)		Confluence	767,606	1193	1200	1188	1174	1216	1132	1022	1073	1144	1224	1192	1258	1168
"	"	(42)	Zambezi R. Portion	786,686	1201	1241	1209	1219	1262	1141	997	1056	1121	1202	1195	1260	1175
LUANGWA	(43)		5-940 St. Luangwa Bridge	143,781	46	34	55	772	2176	933	365	232	109	75	50	37	386
"	"	(44)	Luangwa R. Portion	150,586	48	36	58	809	2279	977	383	243	114	79	53	39	414
ZAMBEZI	(45)		Confluence	937,272	1248	1276	1267	2028	3541	2118	1379	1299	1235	1280	1248	1299	1589

[Normal Year] : 1982/83

1982/83

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	66	89	216	305	496	540	465	267	151	106	78	57	235
"	(2)		1-150 St. Zambezi Pump House	87,275	78	106	257	362	589	641	552	317	180	126	92	68	279
"	(3)		Zambezi R. Portion	90,353	81	110	266	375	610	664	572	329	186	131	96	71	289
"	(4)		1-650 St. Kabompo Boma	42,740	78	104	241	232	327	310	429	234	155	118	100	80	200
"	(5)		Kabompo R. Portion	45,029	78	104	240	233	329	314	428	230	153	118	101	81	200
"	(6)		Dongwe R. Portion	20,568	3	-1	-2	6	15	38	-17	-33	-15	2	5	9	1
"	(7)		Confluence	65,597	81	102	238	238	344	352	410	197	138	120	105	89	200
"	(8)		1-950 St. Watopa Pontoon	66,449	81	102	238	238	344	353	410	196	137	120	106	90	200
"	(9)		Kabompo R. Portion	72,347	82	102	238	240	348	364	405	186	133	120	107	92	200
"	(10)		Confluence	162,700	163	212	503	615	958	1028	977	515	319	251	202	163	489
"	(11)		2-030 St. Lukulu	206,531	310	379	698	783	1046	1057	1043	715	520	446	350	299	635
"	(12)		Zambezi R. Portion	228,076	299	361	621	763	912	1076	1101	917	606	438	351	301	644
"	(13)		2-250 St. Kalabo	34,621	14	13	19	27	116	81	62	47	34	26	26	18	40
"	(14)		Luanginga R. Portion	41,233	11	7	-5	21	74	87	80	109	61	23	26	18	42
"	(15)		Confluence	269,309	310	368	616	784	987	1163	1181	1026	667	461	377	319	686
"	(16)		2-400 St. Senanga	278,298	305	360	583	776	931	1171	1205	1110	703	458	378	320	690
KAFUE	(21)		4-050 St. Raglan Farm	4,999	3	4	27	42	101	84	42	23	11	7	5	3	29
"	(22)		Kafue R. Portion	7,730	10	16	68	94	191	154	100	53	30	21	16	11	63
"	(23)		4-120 St. Mwambashi	869	1	2	6	9	23	12	7	4	2	2	2	1	6
"	(24)		4-130 St. Smith's Bridge	8,599	11	18	75	104	214	165	107	57	33	23	17	12	69
"	(25)		4-200 St. Mpatanato	11,655	19	24	80	106	255	168	98	57	37	30	24	18	75
"	(26)		4-280 St. Machiya Ferry	22,920	26	31	89	106	309	290	144	82	54	43	36	29	102
"	(27)		Kafue R. Portion	24,582	26	31	91	111	308	308	156	87	56	43	36	29	106
"	(28)		Luswishi R. Portion	8,866	2	3	12	26	-3	100	64	26	7	2	2	1	20
"	(29)		Confluence	33,448	28	35	103	137	305	408	220	113	63	46	38	30	126
"	(30)		4-350 St. Chilenga	34,162	29	35	104	139	304	416	226	115	63	46	38	30	128
"	(31)		4-450 St. Lubungu	54,442	30	38	100	139	257	364	255	121	71	51	42	33	124
"	(32)		4-560 St. Chifumpa Pontoon	21,445	23	28	73	53	103	57	45	37	30	27	28	23	44
"	(33)		Lunga R. Portion	24,416	26	31	77	58	109	62	50	41	33	30	30	25	47
"	(34)		Confluence	78,858	55	69	177	197	365	426	306	162	104	81	72	59	172
"	(35)		4-669 St. Kafue Hook Bridge	95,053	72	86	201	227	396	456	334	181	119	96	82	69	192
LOW ZAMBEZI	(17)		Livingstone	466,324	351	400	646	894	1082	1266	1417	1370	959	599	461	367	816
"	(18)		In (Kariba Dam)	608,634	489	501	745	1720	1539	1348	1323	1202	814	415	332	441	902
"	(18E)		Evaporation	---	353	365	361	339	356	347	325	250	209	211	243	309	305
"	(18S)		Storage	---	-893	-881	-573	351	164	-56	-19	-74	-497	-848	-955	-888	-434
"	(19)		Out (Kariba Dam)	---	1029	1017	958	1030	1019	1056	1018	1026	1101	1051	1044	1021	1031
"	(20)		Zambezi R. Portion	612,724	1033	1020	961	1054	1032	1059	1015	1021	1097	1046			1033
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	73	63	195	240	422	426	332	155	71	45	28	26	171
"	(36E)		Evaporation	---	25	16	15	13	13	18	18	17	13	16	17	20	17
"	(36S)		Storage	---	-182	-112	29	77	289	128	197	3	-119	-195	-194	-179	-24
"	(37)		Out (Itezhi-tezhi Dam)	---	230	159	150	150	119	281	117	135	178	224	205	185	179
"	(38)		In (Kafue Gorge Dam)	151,576	220	211	160	177	200	190	195	135	130	186	189	194	182
"	(38E)		Evaporation	---	36	26	23	17	16	22	22	17	9	9	12	17	19
"	(38S)		Storage	---	9	7	-37	-3	13	0	12	-50	-48	9	14	11	-5
"	(39)		Out (Kafue Gorge Dam)	---	174	178	174	163	171	168	161	167	170	167	163	165	169
"	(40)		Kafue R. Portion	154,882	178	182	179	169	178	175	167	171	173	170	165	167	173
ZAMBEZI	(41)		Confluence	767,606	1211	1202	1140	1222	1210	1233	1182	1192	1270	1216	1205	1190	1206
"	(42)		Zambezi R. Portion	786,686	1229	1215	1153	1333	1271	1244	1170	1170	1250	1192	1188	1200	1218
LUANGWA	(43)		5-940 St. Luangwa Bridge	143,781	27	39	321	549	1959	729	332	150	89	68	49	38	352
"	(44)		Luangwa R. Portion	150,586	28	41	337	575	2052	764	348	157	94	72	51	40	369
ZAMBEZI	(45)		Confluence	937,272	1257	1256	1490	1909	3323	2008	1517	1327	1344	1263	1239	1241	1596

[Leap Year] : 1983/84

1983/84

AREAS	BASINS	No.	ST.	POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)			Cholose	73,512	48	60	97	309	1206	1476	885	366	62	106	74	56	392
"	"	(2)		1-150 St. Zambezi Pump House	87,275	57	72	115	366	1432	1753	1050	434	74	126	88	66	466
"	"	(3)		Zambezi R. Portion	90,353	59	74	119	379	1482	1815	1087	449	77	130	91	69	482
"	"	(4)		1-650 St. Kabompo Boma	42,740	69	78	127	210	203	258	187	103	79	68	58	49	124
"	"	(5)		Kabompo R. Portion	45,029	71	83	127	209	206	260	189	105	80	69	60	50	126
"	"	(6)		Dongwe R. Portion	20,568	19	50	7	-8	24	13	15	16	8	13	13	12	15
"	"	(7)		Confluence	65,597	91	134	135	201	229	273	204	121	88	82	73	62	141
"	"	(8)		1-950 St. Watopa Pontoon	66,449	91	136	135	200	230	273	204	122	89	82	73	62	141
"	"	(9)		Kabompo R. Portion	72,347	97	150	137	198	237	277	209	127	91	86	77	66	146
"	"	(10)		Confluence	162,700	156	225	256	577	1719	2092	1296	576	168	216	168	134	628
"	"	(11)		2-030 St. Lukulu	206,531	281	302	353	591	1183	1445	1035	637	390	328	286	302	592
"	"	(12)		Zambezi R. Portion	228,076	271	301	366	573	968	1383	1316	980	542	369	310	292	638
"	"	(13)		2-250 St. Kalabo	34,621	13	11	11	11	39	79	84	70	52	38	25	17	38
"	"	(14)		Luanginga R. Portion	41,233	10	11	15	6	-26	60	170	176	98	50	32	14	52
"	"	(15)		Confluence	269,309	281	312	381	579	942	1444	1486	1155	640	420	343	306	689
"	"	(16)		2-400 St. Senanga	278,298	277	311	386	571	853	1418	1604	1298	704	437	353	302	708
KAFUE	(21)			4-050 St. Raglan Farm	4,999	2	2	6	32	56	80	41	14	7	5	4	3	21
"	(22)			Kafue R. Portion	7,730	8	8	34	102	120	146	87	35	19	15	12	8	49
"	(23)			4-120 St. Mwanbashi	869	1	1	4	9	8	10	7	2	2	2	1	1	4
"	(24)			4-130 St. Smith's Bridge	8,599	10	9	38	111	128	156	95	37	21	17	13	9	53
"	(25)			4-200 St. Mpatanato	11,655	15	15	42	126	129	167	97	41	29	24	20	16	60
"	(26)			4-280 St. Nachiya Ferry	22,920	22	21	39	158	152	237	151	58	37	30	26	21	79
"	(27)			Kafue R. Portion	24,582	23	21	39	161	157	242	168	66	39	32	27	21	83
"	(28)			Luswishi R. Portion	8,866	1	1	1	18	26	29	88	46	13	7	5	3	20
"	(29)			Confluence	33,448	24	23	40	179	183	271	255	112	52	39	32	24	103
"	(30)			4-350 St. Chilenga	34,162	24	23	40	180	186	274	262	115	53	40	32	25	104
"	(31)			4-450 St. Lubungu	54,442	35	28	45	160	208	275	275	129	61	47	37	36	111
"	(32)			4-550 St. Chifumpa Pontoon	21,445	22	23	86	82	79	100	67	38	32	30	27	22	51
"	(33)			Lunga R. Portion	24,416	25	29	97	79	96	112	66	40	34	31	28	22	55
"	(34)			Confluence	78,858	59	56	142	240	304	387	341	169	95	78	65	58	166
"	(35)			4-669 St. Kafue Hook Bridge	95,053	72	87	203	226	396	457	333	181	109	84	71	59	189
LOWER ZAMBEZI	(17)			Livingstone	466,324	271	313	446	665	896	1255	1962	1686	1052	546	402	311	816
"	(18)			In (Kariba Dam)	608,634	359	399	948	806	1301	1497	2068	1639	947	383	353	355	919
"	(18E)			Evaporation	---	354	382	297	363	307	290	281	247	233	218	247	306	294
"	(18S)			Storage	---	-1001	-1010	-306	-449	134	378	915	381	-337	-813	-899	-1069	-342
"	(19)			Out (Kariba Dam)	---	1006	1027	957	892	860	829	872	1011	1051	978	1005	1118	967
"	(20)			Zambezi R. Portion	612,724	1009	1029	971	896	872	836	875	1010	1048	973	1004	1119	970
KAFUE	(36)			In (Itezhi-tezhi Dam)	105,672	24	33	116	279	329	369	380	149	54	41	55	76	158
"	(36E)			Evaporation	---	22	14	13	11	11	15	15	13	10	12	13	15	14
"	(36S)			Storage	---	-160	-120	-71	77	132	76	148	-84	-151	-139	-144	-134	-48
"	(37)			Out (Itezhi-tezhi Dam)	---	161	138	174	191	186	279	218	220	195	168	186	195	193
"	(38)			In (Kafue Gorge Dam)	151,576	178	142	153	170	175	178	217	199	202	188	178	152	178
"	(38E)			Evaporation	---	21	13	10	7	6	7	8	10	10	15	18	22	12
"	(38S)			Storage	---	-1	-27	-16	-2	-4	-16	34	22	19	18	0	-8	2
"	(39)			Out (Kafue Gorge Dam)	---	158	156	159	164	172	188	175	167	174	156	160	138	164
"	(40)			Kafue R. Portion	154,882	161	162	172	162	191	202	173	169	177	157	161	138	169
ZAMBEZI	(41)			Confluence	767,606	1169	1192	1143	1058	1063	1038	1048	1179	1225	1130	1165	1258	1139
"	(42)			Zambezi R. Portion	786,686	1181	1203	1210	1077	1117	1070	1063	1172	1211	1108	1158	1264	1153
LUANGWA	(43)			5-940 St. Luangwa Bridge	143,781	27	21	210	911	1026	996	400	186	123	94	67	49	341
"	(44)			Luangwa R. Portion	150,586	28	22	220	955	1074	1043	419	195	128	98	70	52	357
ZAMBEZI	(45)			Confluence	937,272	1209	1225	1430	2031	2191	2113	1481	1367	1339	1206	1229	1315	1510

[Normal Year] : 1984/85

1984/85

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	49	68	121	231	518	1239	1321	533	225	132	86	61	380
"	"	(2)	1-150 St. Zambezi Pump House	87,275	58	80	144	275	615	1471	1568	632	267	156	103	73	452
"	"	(3)	Zambezi R. Portion	90,353	60	83	149	284	637	1523	1623	655	276	162	106	75	468
"	"	(4)	1-650 St. Kabompo Bona	42,740	53	66	93	153	289	339	412	102	79	100	84	67	152
"	"	(5)	Kabompo R. Portion	45,029	54	66	97	158	299	344	420	110	83	100	84	67	156
"	"	(6)	Dongwe R. Portion	20,568	6	5	38	38	89	45	73	72	34	6	7	7	35
"	"	(7)	Confluence	65,597	59	71	135	195	388	389	493	181	117	106	91	75	190
"	"	(8)	1-950 St. Watopa Pontoon	66,449	59	72	137	197	391	391	496	184	119	107	91	75	192
"	"	(9)	Kabompo R. Portion	72,347	61	73	147	208	417	404	517	205	129	108	93	77	202
"	"	(10)	Confluence	162,700	121	156	296	492	1053	1927	2141	859	405	270	200	152	669
"	"	(11)	2-030 St. Lukulu	206,531	294	326	412	551	888	1297	1455	817	490	380	322	285	624
"	"	(12)	Zambezi R. Portion	228,076	375	347	436	570	802	1174	1509	1251	799	459	359	314	698
"	"	(13)	2-250 St. Kalabo	34,621	12	3	13	19	101	125	93	82	68	53	30	10	51
"	"	(14)	Luanginga R. Portion	41,233	37	10	21	25	75	88	109	215	163	77	42	19	73
"	"	(15)	Confluence	269,309	412	357	456	595	877	1262	1619	1467	962	536	401	334	772
"	"	(16)	2-400 St. Senanga	278,298	445	366	466	603	841	1210	1641	1648	1091	569	416	346	803
KAFUE	(21)		4-050 St. Raglan Farm	4,999	2	3	13	29	70	75	86	43	19	12	7	5	30
"	"	(22)	Kafue R. Portion	7,730	6	11	76	107	176	162	150	96	59	31	21	14	75
"	"	(23)	4-120 St. Mambashi	869	1	2	16	21	25	17	12	7	5	3	2	2	9
"	"	(24)	4-130 St. Smith's Bridge	8,599	7	12	92	127	201	179	162	103	63	34	23	16	84
"	"	(25)	4-200 St. Mpatanato	11,655	14	21	132	200	343	256	205	112	62	44	34	28	120
"	"	(26)	4-280 St. Machiya Ferry	22,920	18	24	132	301	468	434	354	176	89	62	46	34	176
"	"	(27)	Kafue R. Portion	24,582	18	24	127	305	476	456	377	190	93	65	48	35	183
"	"	(28)	Luswishi R. Portion	8,866	2	1	-25	22	44	117	125	71	22	17	10	6	34
"	"	(29)	Confluence	33,448	20	25	102	327	520	573	502	261	116	83	58	41	217
"	"	(30)	4-350 St. Chilenga	34,162	21	25	100	329	524	582	512	267	117	84	59	42	220
"	"	(31)	4-450 St. Lubungu	54,442	32	36	109	282	493	496	479	270	143	91	65	48	210
"	"	(32)	4-560 St. Chifumpa Pontoon	21,445	19	21	50	118	201	202	195	113	63	42	33	26	89
"	"	(33)	Lunga R. Portion	24,416	19	21	46	115	221	194	191	122	62	43	34	28	90
"	"	(34)	Confluence	78,858	51	57	155	397	714	690	670	392	205	134	100	75	301
"	"	(35)	4-669 St. Kafue Hook Bridge	95,053	48	56	137	383	823	648	650	444	200	139	108	86	307
LOWER ZAMBEZI	(17)		Livingstone	466,324	250	291	429	651	987	1169	1683	2078	1607	791	495	362	898
"	"	(18)	In (Kariba Dam)	608,634	383	436	1013	1827	3931	1573	1614	2038	1581	711	455	394	1312
"	"	(18E)	Evaporation	---	378	331	300	270	244	256	260	233	256	267	285	304	282
"	"	(18S)	Storage	---	-1147	-989	-327	569	2712	286	500	991	468	-489	-739	-926	58
"	"	(19)	Out (Kariba Dam)	---	1152	1095	1040	988	974	1031	853	814	857	932	909	1016	972
"	"	(20)	Zambezi R. Portion	612,724	1156	1099	1057	1022	1059	1043	851	813	856	930	908	1017	984
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	90	122	198	461	1030	678	646	380	178	114	75	31	329
"	"	(36E)	Evaporation	---	16	11	10	9	11	18	18	17	13	17	19	23	15
"	"	(36S)	Storage	---	-117	-75	2	250	765	383	147	-8	-6	-37	-113	-196	79
"	"	(37)	Out (Itezhi-tezhi Dam)	---	190	187	187	202	253	278	480	370	171	135	170	205	235
"	"	(38)	In (Kafue Gorge Dam)	151,576	134	92	109	167	320	240	216	242	262	254	214	198	203
"	"	(38E)	Evaporation	---	23	10	6	4	12	29	33	30	25	35	41	47	25
"	"	(38S)	Storage	---	-28	-50	-36	18	159	66	2	2	23	22	-22	-17	11
"	"	(39)	Out (Kafue Gorge Dam)	---	139	132	140	145	150	145	180	210	214	197	195	168	168
"	"	(40)	Kafue R. Portion	154,882	139	131	136	142	173	136	176	221	213	198	197	170	169
ZAMBEZI	(41)		Confluence	767,606	1295	1230	1193	1164	1231	1179	1027	1033	1069	1128	1105	1187	1153
"	"	(42)	Zambezi R. Portion	786,686	1312	1250	1271	1322	1626	1233	1018	1028	1066	1117	1099	1191	1209
LUANGWA	(43)		5-940 St. Luangwa Bridge	143,781	43	82	660	1333	3044	1458	957	335	214	150	116	86	691
"	"	(44)	Luangwa R. Portion	150,586	45	86	691	1396	3188	1527	1003	351	224	157	122	90	724
ZAMBEZI	(45)		Confluence	937,272	1358	1336	1962	2717	4814	2760	2021	1379	1290	1274	1221	1281	1933

[Normal Year] : 1985/86

1985/86

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholosa	73,512	49	54	58	141	470	1223	1947	526	203	125	87	62	411
"	"	(2)	1-150 St. Zambezi Pump House	87,275	58	64	81	167	558	1452	2311	624	241	149	104	74	498
"	"	(3)	Zambezi R. Portion	90,353	60	66	84	173	578	1503	2393	646	250	154	107	77	505
"	"	(4)	1-650 St. Kabompo Boma	42,740	52	61	83	157	302	472	404	215	144	111	95	74	180
"	"	(5)	Kabompo R. Portion	45,029	53	62	84	157	308	485	415	216	143	112	95	75	183
"	"	(6)	Dongwe R. Portion	20,568	10	7	7	-7	53	114	103	10	-3	5	7	6	26
"	"	(7)	Confluence	65,597	63	69	90	150	362	599	518	226	141	117	103	80	209
"	"	(8)	1-950 St. Watopa Pontoon	66,449	63	69	90	150	364	604	522	227	141	117	103	81	210
"	"	(9)	Kabompo R. Portion	72,347	66	71	92	148	379	637	551	230	140	119	105	82	217
"	"	(10)	Confluence	162,700	126	138	176	321	957	2140	2944	876	390	273	212	159	722
"	"	(11)	2-030 St. Lukulu	206,531	259	271	299	416	810	1316	1783	851	521	385	335	296	626
"	"	(12)	Zambezi R. Portion	228,076	267	278	312	434	732	1122	1712	1282	809	460	366	312	672
"	"	(13)	2-250 St. Kalabo	34,621	14	11	10	10	14	54	194	95	70	47	29	19	47
"	"	(14)	Luanginga R. Portion	41,233	16	13	14	16	-10	-6	173	227	158	70	38	24	61
"	"	(15)	Confluence	269,309	283	291	325	449	722	1116	1885	1510	967	530	404	336	734
"	"	(16)	2-400 St. Senanga	278,298	287	294	331	456	690	1035	1856	1690	1088	561	417	342	753
KAFUE	(21)		4-050 St. Raglan Farm	4,999	3	3	7	19	80	141	126	63	32	20	12	7	43
"	"	(22)	Kafue R. Portion	7,730	9	14	53	90	202	242	208	136	84	62	45	31	97
"	"	(23)	4-120 St. Mwambashi	869	1	2	7	17	31	32	25	15	9	7	6	4	13
"	"	(24)	4-130 St. Smith's Bridge	8,599	11	16	60	106	233	274	233	151	93	69	50	35	110
"	"	(25)	4-200 St. Mpatamato	11,655	23	31	82	170	441	470	391	225	117	75	54	38	175
"	"	(26)	4-280 St. Mschiya Ferry	22,920	25	29	75	193	410	484	487	311	139	88	66	47	195
"	"	(27)	Kafue R. Portion	24,582	25	29	73	194	407	500	510	341	150	93	69	48	202
"	"	(28)	Luwishi R. Portion	8,866	3	2	-6	2	-18	86	121	160	56	28	16	8	38
"	"	(29)	Confluence	33,448	28	31	67	196	399	586	631	501	205	121	86	56	240
"	"	(30)	4-350 St. Chilenga	34,162	28	31	66	196	388	593	641	514	210	123	87	56	243
"	"	(31)	4-450 St. Lubungu	54,442	32	42	76	201	368	585	507	472	270	134	94	66	236
"	"	(32)	4-560 St. Chifumpa Pontoon	21,445	21	25	39	90	159	248	216	202	119	63	47	35	105
"	"	(33)	Luxga R. Portion	24,416	22	24	37	89	165	227	216	193	112	61	47	36	102
"	"	(34)	Confluence	78,858	54	66	113	290	532	812	722	666	382	195	141	102	338
"	"	(35)	4-669 St. Kafue Hook Bridge	95,053	61	62	98	281	565	699	724	622	346	184	140	107	322
LOWER ZAMBEZI	(17)		Livingstone	466,324	266	255	332	516	728	1029	1709	2659	1635	795	494	372	900
"	"	(18)	In (Kariba Dam)	608,634	327	223	1018	1945	1756	1427	2481	2706	1550	712	481	296	1240
"	"	(18E)	Evaporation	---	334	313	242	238	250	243	216	220	212	199	227	276	247
"	"	(18S)	Storage	---	-960	-1073	-175	789	646	302	1423	1627	470	-455	-653	-914	82
"	"	(19)	Out (Kariba Dam)	---	953	982	950	917	860	882	842	860	868	968	906	934	911
"	"	(20)	Zambezi R. Portion	612,724	955	931	970	959	890	893	864	861	866	966	906	932	920
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	40	20	91	312	582	797	694	592	337	170	126	86	319
"	"	(36E)	Evaporation	---	25	17	15	14	14	19	18	17	13	17	19	24	16
"	"	(36S)	Storage	---	-177	-141	-40	180	304	142	104	-3	12	-12	-28	-71	21
"	"	(37)	Out (Itezhi-tezhi Dam)	---	192	144	116	118	264	637	572	579	312	165	135	133	281
"	"	(38)	In (Kafue Gorge Dam)	151,576	203	183	236	280	284	268	341	396	422	461	395	270	312
"	"	(38E)	Evaporation	---	52	34	36	36	33	40	40	36	27	36	42	51	39
"	"	(38S)	Storage	---	-16	-8	49	13	-17	4	11	-13	9	0	-4	-9	2
"	"	(39)	Out (Kafue Gorge Dam)	---	166	157	151	231	268	223	289	374	386	425	358	228	271
"	"	(40)	Kafue R. Portion	154,882	167	156	148	229	275	200	289	365	378	423	357	229	268
ZAMBEZI	(41)		Confluence	767,606	1122	1137	1117	1187	1164	1094	1154	1226	1244	1388	1263	1161	1189
"	"	(42)	Zambezi R. Portion	786,686	1130	1133	1209	1379	1302	1147	1257	1232	1232	1377	1261	1151	1234
LUANGWA	(43)		5-940 St. Luangwa Bridge	143,781	65	107	359	3347	2829	1883	1507	573	318	244	189	124	952
"	"	(44)	Luangwa R. Portion	150,586	68	112	376	3505	2963	1973	1578	600	333	255	198	130	997
ZAMBEZI	(45)		Confluence	937,272	1198	1245	1585	4884	4265	3119	2835	1832	1566	1632	1460	1281	2231

[Normal Year] : 1986/87

1986/87

AREAS	BASINS	No.	ST. POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER ZAMBEZI	(1)		Cholose	73,512	65	143	369	556	1043	1620	1005	423	226	147	102	74	478
"	"	(2)	1-150 St. Zambezi Pump House	87,275	78	170	438	660	1238	1924	1193	502	269	175	121	88	567
"	"	(3)	Zambezi R. Portion	90,353	80	176	453	684	1282	1991	1236	520	278	181	125	91	587
"	"	(4)	1-650 St. Kabompo Boma	42,740	84	169	213	217	533	630	358	234	159	119	105	90	241
"	"	(5)	Kabompo R. Portion	45,029	84	168	212	221	531	626	355	227	156	116	103	89	239
"	"	(6)	Dongwe R. Portion	20,568	4	-8	-11	38	-20	-31	-29	-57	-31	-28	-16	-13	-17
"	"	(7)	Confluence	65,597	88	160	201	259	511	595	326	171	125	88	87	76	222
"	"	(8)	1-950 St. Matopa Pontoon	66,449	88	160	201	261	510	594	325	169	124	87	87	75	222
"	"	(9)	Kabompo R. Portion	72,347	89	158	198	272	505	585	316	152	115	78	82	72	217
"	"	(10)	Confluence	162,700	170	334	651	955	1786	2576	1552	672	393	259	207	162	804
"	"	(11)	2-030 St. Lukulu	206,531	307	446	663	840	1298	1588	1139	678	482	401	349	304	704
"	"	(12)	Zambezi R. Portion	228,076	314	449	669	853	1138	1564	1448	1078	682	462	380	320	777
"	"	(13)	2-250 St. Kalabo	34,621	15	14	18	27	58	77	75	63	46	32	22	16	38
"	"	(14)	Luanginga R. Portion	41,233	16	15	19	31	9	70	170	186	107	50	32	21	61
"	"	(15)	Confluence	269,309	330	464	688	884	1147	1633	1618	1264	790	512	412	340	838
"	"	(16)	2-400 St. Senanga	278,298	333	465	691	890	1080	1623	1747	1431	873	537	425	347	869
KAFUE	(21)		4-050 St. Raglan Farm	4,999	5	10	17	38	102	115	80	36	18	12	9	5	37
"	(22)		Kafue R. Portion	7,730	28	40	51	99	183	179	139	83	37	26	21	15	74
"	(23)		4-120 St. Mwambashi	869	4	8	8	12	20	15	9	5	3	3	2	2	7
"	(24)		4-130 St. Smith's Bridge	8,599	31	47	59	111	203	194	148	88	40	29	23	16	82
"	(25)		4-200 St. Mpatanato	11,655	32	50	60	81	166	203	154	68	46	37	31	27	79
"	(26)		4-280 St. Machiya Ferry	22,920	38	67	85	119	261	321	240	97	61	46	35	28	116
"	(27)		Kafue R. Portion	24,582	38	68	89	125	267	335	246	103	63	47	37	29	119
"	(28)		Luswishi R. Portion	8,866	3	4	21	30	32	72	34	35	7	6	6	3	21
"	(29)		Confluence	33,448	41	72	110	154	299	407	279	138	70	53	43	32	141
"	(30)		4-350 St. Chilenga	34,162	41	72	111	157	302	413	282	141	70	53	43	32	142
"	(31)		4-450 St. Lubungu	54,442	49	74	108	163	303	411	294	151	78	59	50	37	147
"	(32)		4-560 St. Chifumpa Pontoon	21,445	28	40	49	83	184	145	143	77	44	38	34	27	73
"	(33)		Lunga R. Portion	24,416	30	41	50	75	180	137	133	74	45	39	36	28	71
"	(34)		Confluence	78,858	78	115	157	238	483	548	427	225	123	98	86	66	219
"	(35)		4-669 St. Kafue Hook Bridge	95,053	88	122	163	192	461	499	375	206	129	107	95	74	208
LOWER ZAMBEZI	(17)		Livingstone	466,324	331	465	708	898	1064	1429	2165	1880	1269	671	489	373	977
"	(18)		In (Kariba Dam)	608,634	539	507	1426	1065	1156	1443	2134	1803	1111	515	466	476	1053
"	(18E)		Evaporation	---	271	321	280	268	336	363	308	252	217	202	221	302	278
"	(18S)		Storage	---	-664	-701	196	-178	-39	339	1130	812	75	-506	-612	-611	-64
"	(19)		Out (Kariba Dam)	---	933	887	950	976	860	742	696	739	819	820	857	786	839
"	(20)		Zambezi R. Portion	612,724	939	888	971	981	863	742	695	737	814	816	856	789	841
KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	82	103	141	198	511	531	368	189	95	80	70	48	199
"	(36E)		Evaporation	---	28	19	18	15	14	19	19	17	13	16	18	22	18
"	(36S)		Storage	---	-89	-72	-130	-24	282	167	-3	-45	-59	-71	-75	-96	-20
"	(37)		Out (Itezhi-tezhi Dam)	---	143	156	253	207	215	345	353	217	142	134	127	122	201
"	(38)		In (Kafue Gorge Dam)	151,576	242	190	246	293	216	222	206	234	207	180	177	149	214
"	(38E)		Evaporation	---	60	38	28	25	28	37	35	33	26	33	41	52	36
"	(38S)		Storage	---	4	-46	-59	67	18	2	-6	21	-4	0	17	-7	1
"	(39)		Out (Kafue Gorge Dam)	---	178	199	277	201	170	183	177	181	186	147	119	104	177
"	(40)		Kafue R. Portion	154,882	180	200	278	192	166	173	166	177	187	148	121	106	175
ZAMBEZI	(41)		Confluence	767,606	1119	1088	1248	1173	1028	915	862	914	1001	964	977	895	1016
"	(42)		Zambezi R. Portion	786,686	1147	1094	1345	1195	1041	917	857	903	980	943	974	908	1026
LUANGWA	(43)		5-940 St. Luangwa Bridge	143,781	99	116	665	1247	1237	921	540	251	181	148	127	100	466
"	(44)		Luangwa R. Portion	150,586	104	121	697	1306	1296	965	565	263	189	155	133	105	488
ZAMBEZI	(45)		Confluence	937,272	1251	1215	2041	2502	2336	1882	1423	1167	1169	1098	1107	1013	1514

[Leap Year] : 1987/88

1987/88

AREAS	BASINS	No.	ST.	POINT & STATION NAME	AREA(km ²)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	<MEAN>
UPPER	ZAMBEZI	(1)		Cholose	73,512	70	61	93	162	672	1294	1053	512	222	138	93	76	369
*	*	(2)	1-150	St. Zambezi Pump House	87,275	83	73	110	192	798	1536	1250	607	264	164	110	90	438
*	*	(3)		Zambezi R. Portion	90,353	86	75	114	199	826	1590	1294	629	273	170	114	94	454
*	*	(4)	1-650	St. Kabompo Boma	42,740	81	76	111	166	320	373	396	154	300	256	160	101	207
*	*	(5)		Kabompo R. Portion	45,029	81	76	110	168	325	393	403	155	283	242	154	98	206
*	*	(6)		Dongwe R. Portion	20,568	0	-2	-12	15	43	182	59	10	-154	-130	-61	-22	-6
*	*	(7)		Confluence	65,597	80	74	98	183	368	575	461	165	128	112	93	76	200
*	*	(8)	1-950	St. Watopa Pontoon	66,449	80	74	97	183	370	583	464	165	122	106	90	75	200
*	*	(9)		Kabompo R. Portion	72,347	80	74	94	188	382	635	481	168	78	69	73	68	198
*	*	(10)		Confluence	162,700	166	149	208	386	1208	2225	1775	797	351	239	187	162	652
*	*	(11)	2-030	St. Lukulu	206,531	387	411	437	485	955	1405	1396	811	506	396	436	422	669
*	*	(12)		Zambezi R. Portion	228,076	340	346	471	564	833	1203	1509	1234	804	476	482	396	721
*	*	(13)	2-250	St. Kalabo	34,621	12	9	11	26	26	126	282	97	76	55	35	21	64
*	*	(14)		Luanginga R. Portion	41,233	-3	-11	21	50	-11	64	316	227	168	79	49	13	80
*	*	(15)		Confluence	269,309	337	336	493	614	822	1267	1825	1461	971	555	530	410	801
*	*	(16)	2-400	St. Senanga	278,298	318	308	507	647	771	1182	1872	1638	1096	588	549	399	822
*	KAFUE	(21)	4-050	St. Raglan Farm	4,999	3	2	4	19	62	96	70	29	13	8	6	3	26
*	*	(22)		Kafue R. Portion	7,730	20	11	15	51	136	176	124	57	31	22	16	11	55
*	*	(23)	4-120	St. Mwambashi	869	1	1	2	9	15	18	8	4	3	2	2	1	6
*	*	(24)	4-130	St. Smith's Bridge	8,599	21	12	17	60	151	194	132	60	34	24	18	12	61
*	*	(25)	4-200	St. Mpatamato	11,655	24	20	24	75	157	212	220	67	44	35	30	27	78
*	*	(26)	4-280	St. Machiya Ferry	22,920	24	18	24	108	246	338	350	96	57	42	35	28	113
*	*	(27)		Kafue R. Portion	24,582	24	18	26	103	250	355	370	107	59	44	36	30	118
*	*	(28)		Luswishi R. Portion	8,866	1	2	10	-26	23	95	102	55	11	7	7	7	24
*	*	(29)		Confluence	33,448	25	20	36	77	273	450	472	162	70	51	43	37	142
*	*	(30)	4-350	St. Chilenga	34,162	25	20	37	75	275	458	480	166	71	52	44	38	144
*	*	(31)	4-450	St. Lubungu	54,442	28	26	39	81	273	417	410	179	82	57	44	33	138
*	*	(32)	4-560	St. Chifumpa Pontoon	21,445	24	21	37	84	177	373	147	60	47	39	33	28	89
*	*	(33)		Lunga R. Portion	24,416	25	21	39	86	173	375	158	71	49	41	36	30	92
*	*	(34)		Confluence	78,858	53	46	78	166	446	792	568	249	131	98	79	63	230
*	*	(35)	4-669	St. Kafue Hook Bridge	95,053	59	44	88	176	422	799	629	308	145	110	92	72	245
LOW	AMBEZI	(17)		Livingstone	466,324	300	280	420	554	849	1301	1875	2339	1622	820	503	379	936
*	*	(18)		In (Kariba Dam)	608,634	374	406	1002	1198	2045	2739	1793	2197	1465	759	434	405	1233
*	*	(18E)		Evaporation	—	352	402	259	270	237	222	262	220	200	183	229	306	262
*	*	(18S)		Storage	—	-749	-787	88	124	835	1704	898	1274	586	-183	-548	-640	216
*	*	(19)		Out (Kariba Dam)	—	771	791	654	805	973	813	634	702	679	759	753	739	755
*	*	(20)		Zambezi R. Portion	612,724	773	795	671	824	1007	854	632	698	674	757	751	740	794
*	KAFUE	(36)		In (Itezhi-tezhi Dam)	105,672	30	12	101	188	467	894	617	297	127	86	58	37	242
*	*	(36E)		Evaporation	—	26	17	16	14	13	19	19	17	13	17	19	23	18
*	*	(36S)		Storage	—	-112	-115	-21	59	237	266	37	-15	25	-57	-122	-172	0
*	*	(37)		Out (Itezhi-tezhi Dam)	—	116	110	106	115	217	610	562	296	89	126	161	186	224
*	*	(38)		In (Kafue Gorge Dam)	151,576	144	99	140	139	128	283	229	255	270	287	208	180	197
*	*	(38E)		Evaporation	—	58	32	21	13	9	18	26	30	28	38	44	50	31
*	*	(38S)		Storage	—	-27	-68	-61	-28	-7	88	28	75	19	0	-9	-31	-2
*	*	(39)		Out (Kafue Gorge Dam)	—	113	135	179	154	126	177	176	150	223	249	174	160	198
*	*	(40)		Kafue R. Portion	154,882	114	134	181	156	121	178	188	161	226	251	177	162	171
*	ZAMBEZI	(41)		Confluence	767,606	888	929	852	979	1128	1033	820	859	900	1009	928	902	935
*	*	(42)		Zambezi R. Portion	786,686	897	946	930	1066	1288	1225	809	840	879	1000	918	905	975
*	LUANGWA	(43)	5-940	St. Luangwa Bridge	143,781	84	72	201	797	2465	1896	744	268	172	125	92	71	575
*	*	(44)		Luangwa R. Portion	150,586	88	75	210	835	2582	1986	779	281	180	131	96	74	603
*	ZAMBEZI	(45)		Confluence	937,272	985	1021	1140	1901	3870	3211	1588	1121	1059	1131	1015	980	1577

Annual Flow Pattern at Hydrometric Stations
(Simulation Period : 32 years, 1959/60 - 90/91)

(1/4)

No.	St.No.	St. Names	59/60	60/61	61/62	62/63	63/64	64/65	65/66	66/67	67/68	68/69
1	1-150	Zambezi P/H	735.7	886.4	1077.4	1119.5	573.8	663.4	607.6	657.9	1300.9	1194.8
2	1-650	Kabompo Boma	184.7	221.3	277.4	281.6	221.7	195.6	210.6	180.6	231.1	451.0
3	1-950	Watopa Pontoon	184.3	288.3	368.1	419.7	282.7	232.0	247.8	202.4	279.5	597.4
4	2-030	Lukulu	747.9	849.2	1053.8	1086.7	798.5	777.2	763.7	750.6	1125.1	1113.1
5	2-250	Kalabo	56.4	59.3	93.6	169.0	51.2	41.6	88.9	50.6	115.5	137.9
6	2-400	Senanga	975.4	1090.4	1297.4	1432.6	1081.1	1000.3	1025.3	937.0	1309.1	1343.5
7	4-050	Raglam Farm	22.0	31.3	66.7	55.3	27.5	20.2	20.6	28.3	25.5	63.1
8	4-120	Mwambashi	5.4	6.5	13.1	11.2	5.5	4.8	4.5	4.6	6.9	11.3
9	4-130	Smith's Bridge	37.3	55.2	113.5	96.0	54.7	45.3	39.3	128.5	54.5	111.2
10	4-200	Mpatamato	54.5	79.0	162.6	147.3	78.4	63.9	56.1	66.6	65.5	156.2
11	4-280	Machiya Ferry	79.7	118.0	248.0	242.9	125.7	100.5	80.0	93.3	89.9	240.2
12	4-350	Chilenga	105.0	155.2	325.3	318.6	165.0	138.9	105.1	122.5	112.0	322.9
13	4-450	Lubungu	110.7	187.4	343.4	413.8	203.1	149.1	110.5	124.4	111.8	358.9
14	4-560	Chifumpa Pon.	65.0	118.4	196.0	214.9	85.8	59.2	49.8	56.5	56.2	240.3
15	4-669	Kafue Hook B.	202.5	319.0	556.0	663.0	342.9	260.9	202.3	223.3	204.2	579.5
16	4-941	Kaleya D/S	0.32	0.19	0.21	0.41	0.20	0.38	0.21	0.15	0.20	0.22
17	4-958	Uruaff Farm	0.49	0.58	0.44	0.85	0.36	0.64	0.56	0.32	0.06	0.17
18	5-030	Exchange Farm	0.18	0.18	0.22	0.47	0.11	0.15	0.09	0.13	0.09	0.08
19	5-940	Luangwa Bridge	301.3	427.3	1116.6	875.3	633.4	566.3	308.5	380.8	388.1	623.1

Annual Flow Pattern at Hydrometric Stations
(Simulation Period : 32 years, 1959/60 - 90/91)

(2/4)

No.	St.No.	St. Names	69/70	70/71	71/72	72/73	73/74	74/75	75/76	76/77	77/78	78/79
1	1-150	Zambezi P/H	978.4	705.8	422.2	412.0	578.5	828.0	850.1	695.1	865.9	908.1
2	1-650	Kabompo Boma	324.9	266.6	157.0	115.3	121.5	200.1	231.4	242.7	305.6	362.7
3	1-950	Watopa Pontoon	393.5	316.2	167.1	120.1	139.0	251.2	310.8	272.8	410.8	435.9
4	2-030	Lukulu	976.9	822.1	613.5	552.7	683.3	956.4	964.8	868.8	993.8	1048.6
5	2-250	Kalabo	110.1	38.0	45.3	12.7	76.5	113.1	123.4	47.8	142.4	76.6
6	2-400	Senanga	1235.6	1019.5	778.7	636.6	887.0	1125.4	1105.5	997.3	1189.8	1199.5
7	4-050	Raglam Farm	40.0	62.7	39.5	10.2	17.4	30.1	52.5	41.9	79.8	73.4
8	4-120	Mwambashi	7.0	10.4	8.2	3.4	5.3	9.6	13.1	8.2	15.2	12.6
9	4-130	Smith's Bridge	75.3	107.4	81.9	31.0	50.3	77.7	113.0	91.7	142.0	125.2
10	4-200	Mpatamato	87.9	134.1	88.2	34.9	73.4	99.7	134.9	102.8	177.6	165.3
11	4-280	Machiya Ferry	133.3	193.1	123.8	47.2	114.2	148.0	193.7	148.6	297.5	245.6
12	4-350	Chilenga	180.5	244.6	161.2	59.5	162.2	197.8	247.7	198.5	396.2	330.2
13	4-450	Lubungu	210.0	247.7	167.3	61.8	174.9	225.8	271.4	191.1	335.3	355.3
14	4-560	Chifumpa Pon.	126.4	96.3	57.5	26.3	44.4	79.4	106.9	78.9	244.8	164.9
15	4-669	Kafue Hook B.	353.3	410.7	288.7	128.2	303.1	369.4	464.6	287.9	831.9	580.7
16	4-941	Kaleya D/S	0.15	0.21	0.43	0.22	0.24	0.24	0.27	0.19	0.32	0.30
17	4-958	Uruaff Farm	0.13	0.18	0.37	0.39	0.84	0.30	0.49	0.01	0.58	0.07
18	5-030	Exchange Farm	0.10	0.20	0.16	0.05	0.17	0.30	0.29	0.08	0.60	0.28
19	5-940	Luangwa Bridge	470.2	773.5	356.7	323.4	861.2	500.8	831.5	499.6	1132.2	842.2

Annual Flow Pattern at Hydrometric Stations
(Simulation Period : 32 years, 1959/60 - 90/91)

(3/4)

No.	St.No.	St. Names	79/80	80/81	81/82	82/83	83/84	84/85	95/86	86/87	87/88	88/89
1	1-150	Zambezi P/H	889.6	572.9	338.1	280.8	469.4	453.5	490.3	571.2	439.8	816.4
2	1-650	Kabompo Boma	293.3	240.2	109.3	200.6	124.1	153.0	180.8	242.6	207.9	153.1
3	1-950	Watopa Pontoon	325.8	311.5	194.5	201.3	141.6	193.3	210.9	223.3	200.8	176.5
4	2-030	Lukulu	1002.5	795.2	578.4	637.1	594.4	626.3	628.4	707.9	670.7	870.5
5	2-250	Kalabo	76.1	77.9	32.2	40.1	37.6	50.9	47.1	38.5	64.6	175.4
6	2-400	Senanga	1127.1	937.9	698.5	691.6	709.5	803.6	753.8	870.1	823.0	1090.4
7	4-050	Raglam Farm	57.5	34.7	21.2	29.3	21.0	30.3	42.8	37.2	26.4	28.0
8	4-120	Mwambashi	8.1	9.8	4.9	5.9	4.1	9.3	13.1	7.5	5.5	5.9
9	4-130	Smith's Bridge	100.6	74.1	51.2	69.6	53.6	85.1	111.0	82.5	61.3	75.1
10	4-200	Mpatamato	123.0	109.3	57.9	76.5	60.1	120.9	176.4	79.6	78.0	90.4
11	4-280	Machiya Ferry	195.8	174.2	90.0	103.2	79.3	178.2	196.2	116.5	113.8	134.4
12	4-350	Chilenga	269.7	236.5	123.1	128.8	104.4	221.9	244.4	143.2	144.9	169.1
13	4-450	Lubungu	278.6	269.3	128.4	125.1	111.3	212.0	237.3	148.2	139.0	164.2
14	4-560	Chifumpa Pon.	144.8	125.0	55.8	43.9	50.6	90.1	105.2	74.3	89.2	70.6
15	4-669	Kafue Hook B.	439.8	461.1	221.5	193.2	189.8	310.1	324.1	209.2	245.3	233.7
16	4-941	Kaleya D/S	0.21	0.41	0.29	0.19	0.14	0.21	0.25	0.22	0.26	0.30
17	4-958	Uruaff Farm	0.12	0.70	0.03	0.01	0.00	0.01	0.11	0.01	0.07	0.85
18	5-030	Exchange Farm	0.46	0.48	0.28	0.08	0.06	0.14	0.32	0.10	0.16	0.72
19	5-940	Luangwa Bridge	722.1	563.1	407.1	362.7	342.5	706.6	962.1	469.5	582.2	830.5

Annual Flow Pattern at Hydrometric Stations
(Simulation Period : 32 years, 1959/60 - 90/91)

(4/4)

No.	St.No.	St. Names	89/90	90/91	MEAN	MAX.	MIN.	STO	FLUCT.COEFF.
1	1-150	Zambezi P/H	277.7	525.7	693.3	1300.9	277.7	260.5	0.38
2	1-650	Kabompo Boma	139.9	171.8	218.7	451.0	109.3	74.6	0.34
3	1-950	Watopa Pontoon	151.5	202.4	264.2	597.4	120.1	103.8	0.39
4	2-030	Lukulu	513.7	669.9	807.6	1125.1	513.7	177.0	0.22
5	2-250	Kalabo	34.4	39.3	73.9	175.4	12.7	41.3	0.56
6	2-400	Senanga	638.4	744.5	986.1	1432.6	636.6	216.3	0.22
7	4-050	Raglam Farm	15.0	21.4	36.6	79.8	10.2	17.9	0.49
8	4-120	Mwambashi	3.7	5.3	7.8	15.2	3.4	3.2	0.41
9	4-130	Smith's Bridge	74.3	74.3	79.5	142.0	31.0	28.5	0.36
10	4-200	Mpatamato	54.1	78.9	97.9	177.6	34.9	39.5	0.40
11	4-280	Machiya Ferry	74.1	105.8	144.5	297.5	47.2	61.3	0.42
12	4-350	Chilenga	94.4	124.1	189.2	396.2	59.5	82.1	0.43
13	4-450	Lubungu	93.1	113.9	199.2	413.8	61.8	88.9	0.45
14	4-560	Chifumpa Pon.	54.2	67.7	98.1	244.8	26.3	57.0	0.58
15	4-669	Kafue Hook B.	163.1	196.7	336.2	831.9	128.2	161.1	0.48
16	4-941	Kaleya D/S	0.12	0.09	0.24	0.43	0.09	0.08	0.34
17	4-958	Uruaff Farm	0.12	0.02	0.31	0.85	0.00	0.27	0.88
18	5-030	Exchange Farm	0.19	0.15	0.22	0.72	0.05	0.16	0.73
19	5-940	Luangwa Bridge	1505.4	372.6	626.2	1505.4	301.3	282.1	0.45

Annual Flow Pattern at Hydrometric Stations
(Simulation Period : 12 years, 1979/80 - 90/91)

(1/2)

No.	St.No.	St. Names	79/80	80/81	81/82	82/83	83/84	84/85	95/86	86/87	87/88	88/89	89/90	90/91
1	1-150	Zambezi P/H	889.6	572.9	338.1	280.8	469.4	453.5	490.3	571.2	439.8	816.4	277.7	525.7
2	1-650	Kabompo Boma	293.3	240.2	109.3	200.6	124.1	153.0	180.8	242.6	207.9	153.1	139.9	171.8
3	1-950	Watopa Pontoon	325.8	311.5	194.5	201.3	141.6	193.3	210.9	223.3	200.8	176.5	151.5	202.4
4	2-030	Lukulu	1002.5	795.2	578.4	637.1	594.4	626.3	628.4	707.9	670.7	870.5	513.7	689.9
5	2-250	Kalabo	76.1	77.9	32.2	40.1	37.6	50.9	47.1	38.5	64.6	175.4	34.4	39.3
6	2-400	Senanga	1127.1	937.9	698.5	691.6	709.5	803.6	753.8	870.1	823.0	1090.4	638.4	744.5
7	4-050	Raglam Farm	57.5	34.7	21.2	29.3	21.0	30.3	42.8	37.2	26.4	28.0	15.0	21.4
8	4-120	Mwambashi	8.1	9.8	4.9	5.9	4.1	9.3	13.1	7.5	5.5	5.9	3.7	5.3
9	4-130	Smith's Bridge	100.5	73.7	50.4	68.7	53.5	84.4	110.2	81.7	61.0	74.3	74.3	74.3
10	4-200	Mpatamato	123.0	109.3	57.9	76.5	60.1	120.9	176.4	79.6	78.0	90.4	54.1	78.9
11	4-280	Machiya Ferry	195.8	174.2	90.0	103.2	79.3	178.2	196.2	116.5	113.8	134.4	74.1	105.8
12	4-350	Chilenga	269.7	236.5	123.1	128.8	104.4	221.9	244.4	143.2	144.9	169.1	94.4	124.1
13	4-450	Lubungu	278.6	269.3	128.4	125.1	111.3	212.0	237.3	148.2	139.0	164.2	93.1	113.9
14	4-560	Chifumpa Pon.	144.8	125.0	55.8	43.9	50.6	90.1	105.2	74.3	89.2	70.6	54.2	67.7
15	4-669	Kafue Hook B.	439.8	461.1	221.5	193.2	189.8	310.1	324.1	209.2	245.3	233.7	163.1	196.7
16	4-941	Kaleya D/S	0.21	0.41	0.29	0.19	0.14	0.21	0.25	0.22	0.26	0.30	0.12	0.09
17	4-958	Uruaff Farm	0.12	0.70	0.03	0.01	0.00	0.01	0.11	0.01	0.07	0.85	0.12	0.02
18	5-030	Exchange Farm	0.46	0.48	0.28	0.08	0.06	0.14	0.32	0.10	0.16	0.72	0.19	0.15
19	5-940	Luangwa Bridge	722.1	563.1	407.1	362.7	342.5	706.6	962.1	469.5	582.2	830.5	1505.4	372.6

Annual Flow Pattern at Hydrometric Stations
(Simulation Period : 12 years, 1979/80 - 90/91)

(2/2)

No.	St.No.	St. Names	MEAN	MAX.	MIN.	STD.	FLUCT.COEFF.
1	1-150	Zambezi P/H	510.4	889.6	277.7	180.8	0.35
2	1-650	Kabompo Boma	184.7	293.3	109.3	52.1	0.28
3	1-950	Watopa Pontoon	211.1	325.8	141.6	53.1	0.25
4	2-030	Lukulu	691.3	1002.5	513.7	130.9	0.19
5	2-250	Kalabo	59.5	175.4	32.2	38.1	0.64
6	2-400	Senanga	824.1	1127.1	638.4	150.1	0.18
7	4-050	Raglam Farm	30.4	57.5	15.0	11.1	0.36
8	4-120	Mwambashi	6.9	13.1	3.7	2.6	0.38
9	4-130	Smith's Bridge	75.6	110.2	50.4	16.6	0.22
10	4-200	Mpatamato	92.1	176.4	54.1	33.7	0.37
11	4-280	Machiya Ferry	130.1	196.2	74.1	42.9	0.33
12	4-350	Chilenga	167.1	269.7	94.4	57.6	0.34
13	4-450	Lubungu	168.4	278.6	93.1	61.7	0.37
14	4-560	Chifumpa Pon.	80.9	144.8	43.9	29.9	0.37
15	4-669	Kafue Hook B.	265.7	461.1	163.1	94.3	0.36
16	4-941	Kaleya D/S	0.22	0.41	0.09	0.08	0.37
17	4-958	Uruaff Farm	0.17	0.85	0.00	0.27	1.59
18	5-030	Exchange Farm	0.26	0.72	0.06	0.19	0.74
19	5-940	Luangwa Bridge	652.2	1505.4	342.5	319.9	0.49

ST.: 1-150 ZAMBEZI PUMP HOUSE (32 Years) MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	61.0	72.1	120.8	330.0	996.0	3310.2	2271.5	868.4	372.7	204.8	130.7	89.7	735.7
1960/61	67.6	85.6	130.4	300.9	851.5	3350.8	3581.3	1224.0	481.3	269.8	175.3	118.6	886.4
1961/62	91.0	114.8	345.5	1096.4	2322.7	3580.9	3175.9	1167.8	457.1	263.3	184.3	129.7	1077.4
1962/63	97.8	113.6	357.8	1864.2	2984.1	3719.7	2506.4	885.1	390.2	235.6	164.8	114.2	1119.5
1963/64	95.6	146.6	352.1	710.9	1488.5	1791.2	1196.9	449.1	253.3	174.6	127.3	98.9	573.8
1964/65	78.3	101.1	162.1	681.4	1930.8	2430.5	1360.0	547.1	276.0	178.5	122.4	92.2	663.4
1965/66	81.2	82.4	191.7	330.3	840.5	2482.0	1842.5	699.4	310.3	196.3	134.2	100.2	607.6
1966/67	83.0	94.5	114.9	270.4	907.8	2127.4	2513.7	983.7	373.0	202.4	132.5	92.1	657.9
1967/68	72.7	110.0	569.1	3298.1	3780.1	3406.1	2292.4	1032.0	445.7	277.3	190.5	137.3	1300.9
1968/69	100.7	119.5	331.8	784.0	3150.3	4226.6	3508.9	1011.4	461.3	293.7	205.1	144.8	1194.8
1969/70	140.1	204.6	482.5	1266.8	3426.4	3460.1	1303.2	632.4	324.0	222.5	162.9	115.6	978.4
1970/71	102.0	121.1	271.4	763.9	2129.4	2323.1	1140.8	762.5	351.9	229.1	155.2	119.0	705.8
1971/72	94.2	118.3	172.0	349.8	401.2	897.8	1376.7	853.2	364.8	204.5	138.0	96.2	422.2
1972/73	90.2	110.1	154.1	391.2	621.1	1315.4	1151.4	521.2	245.2	158.3	108.4	77.9	412.0
1973/74	68.1	83.4	148.5	525.0	1567.3	1340.8	1765.0	742.2	315.7	179.8	119.2	86.4	578.5
1974/75	68.2	80.2	290.2	1524.5	1741.0	2637.4	1940.9	805.8	380.5	223.3	144.5	99.2	828.0
1975/76	75.7	77.6	144.7	281.5	1555.8	2759.0	2867.1	1375.4	516.2	268.7	166.9	112.5	850.1
1976/77	139.8	138.0	200.0	401.6	1342.0	1718.7	2390.6	1063.2	417.7	248.2	165.7	116.0	695.1
1977/78	90.8	84.0	176.7	618.7	805.4	2181.9	3768.3	1610.5	503.4	265.6	168.1	117.2	865.9
1978/79	97.1	171.2	454.5	928.2	1999.1	2621.9	2876.8	820.7	386.8	243.4	171.7	126.0	908.1
1979/80	98.3	141.5	634.8	2062.6	1747.4	2187.8	1847.8	1039.0	419.1	223.3	159.0	114.3	889.6
1980/81	91.0	119.6	187.7	278.8	1034.1	1464.5	2331.7	675.2	289.3	177.6	128.4	96.8	572.9
1981/82	75.3	79.5	120.2	230.4	461.5	1185.3	813.3	469.8	245.7	166.3	119.9	89.6	338.1
1982/83	78.3	106.0	256.8	361.8	589.3	641.2	552.3	317.4	179.8	126.2	92.3	68.2	280.8
1983/84	56.9	71.7	115.2	366.3	1431.8	1752.8	1050.4	433.9	74.0	125.6	87.7	66.2	469.4
1984/85	58.0	80.5	144.0	274.5	614.8	1471.3	1567.9	632.2	266.8	156.2	102.7	72.7	453.5
1985/86	57.9	64.1	80.8	166.9	558.1	1452.1	2311.1	624.4	241.4	148.6	103.6	74.0	490.3
1986/87	77.7	170.1	437.5	660.4	1238.1	1923.6	1193.5	502.4	268.8	174.6	120.7	87.5	571.2
1987/88	82.9	72.9	110.2	191.9	798.0	1536.2	1250.4	607.5	263.6	164.1	110.1	90.4	439.8
1988/89	70.4	104.3	183.9	614.7	1354.5	2041.0	2945.2	1429.0	503.6	266.6	168.1	115.1	816.4
1989/90	97.3	92.8	111.4	235.6	504.0	390.7	730.8	550.1	253.9	162.8	119.4	83.9	277.7
1990/91	71.5	70.9	133.1	484.6	2004.5	1437.4	1145.3	457.3	209.0	130.3	89.9	74.3	525.7
MEAN	84.7	106.3	240.2	707.7	1474.3	2161.4	1955.3	806.0	338.8	205.0	139.7	100.5	693.3

ST.: 1-650 KABOMPO BOMA (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	99.0	109.0	136.3	190.6	229.7	387.9	325.9	198.3	158.5	140.2	127.6	113.5	184.7
1960/61	38.4	58.3	77.8	189.1	296.1	641.4	681.4	240.2	146.6	115.6	94.6	76.6	221.3
1961/62	55.9	87.5	196.1	326.8	372.9	606.4	760.7	332.0	197.0	155.8	132.3	105.5	277.4
1962/63	77.9	108.0	391.5	486.7	527.6	574.2	460.7	230.5	169.4	144.8	116.3	91.4	281.6
1963/64	77.3	126.6	323.0	283.7	394.5	508.2	335.6	177.3	141.7	118.9	98.6	75.5	221.7
1964/65	62.5	83.2	158.4	276.4	414.6	461.2	325.9	166.9	131.8	110.1	90.3	65.7	195.6
1965/66	63.9	84.0	147.9	190.4	289.6	578.0	548.2	246.8	116.9	101.2	86.8	73.6	210.6
1966/67	94.8	91.1	90.5	95.8	178.6	389.7	529.8	254.0	145.6	126.5	95.9	75.6	180.6
1967/68	60.3	105.2	246.8	294.9	378.8	620.1	367.3	188.0	143.7	134.5	123.5	110.3	231.1
1968/69	81.6	97.2	269.4	485.5	877.1	1170.9	1286.7	407.2	227.0	202.3	170.1	137.2	451.0
1969/70	134.6	168.2	273.3	398.6	900.8	837.2	391.6	238.3	177.9	151.7	127.6	98.8	324.9
1970/71	89.0	121.5	261.1	416.3	660.1	554.6	351.3	224.2	167.0	141.0	116.9	96.4	266.6
1971/72	73.5	103.5	158.5	224.2	194.3	329.0	249.2	189.7	116.9	95.3	79.6	69.9	157.0
1972/73	63.7	67.1	91.7	169.1	183.7	269.9	170.0	111.3	81.3	69.6	59.4	47.1	115.3
1973/74	45.1	55.3	85.2	138.8	213.3	252.3	254.1	135.2	91.0	77.0	63.4	47.8	121.5
1974/75	37.6	47.7	117.8	330.0	377.1	557.3	367.5	189.8	123.1	99.9	85.8	67.4	200.1
1975/76	51.8	51.5	95.0	194.5	291.8	517.7	612.9	386.5	196.1	153.3	123.1	102.8	231.4
1976/77	112.4	108.3	182.7	329.2	398.4	474.2	505.1	269.3	176.8	144.8	120.4	90.4	242.7
1977/78	72.6	74.7	194.6	263.4	382.3	593.3	953.8	449.8	229.8	182.2	149.7	120.6	305.6
1978/79	92.9	159.8	280.8	451.2	513.3	975.2	860.5	335.8	224.6	185.9	154.5	117.7	362.7
1979/80	100.5	159.4	394.5	407.4	446.2	533.1	524.8	308.9	206.3	171.5	154.6	112.2	293.3
1980/81	94.2	115.6	221.7	279.2	399.8	613.6	604.2	271.7	156.4	50.1	30.7	44.7	240.2
1981/82	103.2	79.1	33.5	86.7	164.6	233.8	125.9	66.7	135.7	113.3	93.8	75.2	109.3
1982/83	78.2	104.1	240.7	232.0	327.0	309.5	429.5	233.8	154.6	117.9	100.4	79.6	200.6
1983/84	69.3	77.8	126.7	210.1	202.9	258.1	186.9	103.1	79.1	68.0	58.1	48.7	124.1
1984/85	52.9	65.9	93.1	153.5	289.0	339.2	412.0	101.6	79.3	99.5	83.8	66.7	153.0
1985/86	52.1	61.1	82.9	157.5	302.1	472.3	403.7	214.9	143.5	111.1	94.6	74.0	180.8
1986/87	83.8	169.0	213.4	216.5	532.8	629.8	357.9	233.8	159.5	119.3	105.1	90.0	242.6
1987/88	80.6	76.0	111.4	166.1	319.7	373.2	396.4	154.2	299.7	256.3	160.3	100.6	207.9
1988/89	72.3	95.6	147.3	208.2	293.4	242.2	298.0	161.3	103.7	86.8	72.3	55.6	153.1
1989/90	49.8	52.0	84.8	154.5	303.4	199.3	322.8	190.9	111.4	84.0	71.1	55.0	139.9
1990/91	51.4	45.6	91.0	229.9	415.1	399.8	330.1	146.6	108.3	95.2	84.1	64.3	171.8
MEAN	74.2	94.0	175.6	257.4	377.2	497.0	460.3	223.7	153.1	125.7	103.9	82.8	218.7

ST.: 1-950 WATOPA PONTOON (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	49.4	57.5	85.6	154.4	230.4	640.9	484.0	167.7	109.7	90.1	76.6	64.7	184.3
1960/61	57.1	74.2	92.7	188.3	401.3	1001.3	933.7	263.8	149.7	119.9	97.5	80.7	288.3
1961/62	70.1	97.0	201.6	385.8	588.7	980.5	1105.3	394.0	205.9	157.1	129.1	102.5	368.1
1962/63	84.5	110.5	532.2	856.8	937.2	1150.8	583.1	245.4	175.1	147.0	118.0	96.1	419.7
1963/64	85.1	139.8	371.7	369.5	722.1	675.4	390.7	183.0	139.8	121.4	105.3	88.2	282.7
1964/65	77.5	93.7	163.1	333.4	578.2	590.0	350.5	172.4	133.7	111.8	95.6	83.8	232.0
1965/66	76.6	86.1	147.4	217.9	378.6	928.4	459.3	220.3	146.6	120.7	103.7	88.5	247.8
1966/67	74.1	79.1	98.4	125.4	278.6	451.8	602.2	251.2	147.5	124.8	108.5	87.0	202.4
1967/68	71.8	111.5	191.9	380.9	509.7	879.7	491.9	217.1	149.1	135.0	118.0	97.8	279.5
1968/69	78.6	101.1	270.8	572.8	1242.8	1724.5	1902.1	490.9	270.2	207.9	170.1	136.5	597.4
1969/70	132.1	175.0	328.0	627.1	1215.5	1000.2	453.1	243.8	178.0	150.0	120.2	99.3	393.5
1970/71	92.7	118.7	258.1	510.4	917.4	776.2	385.1	227.4	161.6	135.9	114.0	96.6	316.2
1971/72	83.2	102.7	148.4	229.0	195.8	365.7	269.2	191.4	133.7	112.7	94.3	78.8	167.1
1972/73	72.0	77.3	96.8	161.6	169.9	266.4	189.4	113.2	85.7	77.4	70.5	60.9	120.1
1973/74	58.5	66.7	91.9	156.6	265.2	304.0	269.4	139.0	95.7	83.7	74.9	61.9	139.0
1974/75	51.0	56.7	111.7	381.2	483.3	856.3	508.5	191.0	119.8	97.6	85.7	71.9	251.2
1975/76	62.2	62.5	96.0	200.7	383.5	829.2	1011.7	505.3	203.9	152.6	123.3	99.0	310.8
1976/77	105.7	106.1	169.7	337.0	484.9	676.8	608.0	276.9	167.4	135.9	113.3	91.6	272.8
1977/78	80.7	82.6	190.9	323.5	521.7	993.0	1436.6	603.2	244.9	184.0	150.9	117.9	410.8
1978/79	93.6	149.7	283.5	540.7	659.9	1197.4	1246.7	372.3	226.9	185.5	152.0	123.0	435.9
1979/80	107.3	155.9	437.8	496.1	526.7	661.9	600.3	321.9	195.3	158.4	132.6	115.0	325.8
1980/81	106.4	126.6	206.9	291.4	471.7	952.1	796.2	279.2	179.2	145.6	94.2	88.7	311.5
1981/82	87.0	89.4	135.3	222.9	391.9	501.6	289.7	191.9	132.5	112.1	96.7	82.8	194.5
1982/83	81.3	102.4	238.2	238.4	344.1	353.2	409.7	195.7	137.0	119.9	105.6	89.9	201.3
1983/84	91.4	135.9	134.8	200.4	230.3	273.4	204.4	122.0	88.8	82.5	73.2	62.4	141.6
1984/85	59.5	71.5	136.6	197.0	391.3	391.2	496.4	184.4	118.8	106.5	91.4	74.9	193.3
1985/86	63.3	69.3	90.4	149.8	363.7	604.2	521.9	226.7	140.6	117.2	103.1	80.6	210.9
1986/87	88.2	160.1	201.0	260.7	510.2	593.5	324.6	168.5	124.0	86.6	86.7	75.3	223.3
1987/88	80.2	74.3	97.2	183.4	369.6	582.6	463.9	165.2	121.9	106.4	90.4	74.8	200.8
1988/89	64.2	85.4	106.7	220.1	414.3	287.2	416.3	163.4	109.6	98.2	84.8	67.9	176.5
1989/90	63.6	65.2	87.9	146.4	324.6	225.8	346.3	195.7	114.0	95.2	84.4	68.9	151.5
1990/91	64.2	59.9	96.2	292.9	580.5	415.6	358.2	152.9	133.3	120.1	85.2	69.6	202.4
MEAN	78.5	98.3	184.4	311.0	502.6	691.6	590.9	244.9	151.2	125.0	104.7	86.8	264.2

ST.: 2-030 LUKULU (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	260.1	280.9	349.4	587.2	1097.0	2124.4	1790.5	905.9	587.7	430.2	326.9	234.7	747.9
1960/61	205.7	252.8	375.4	563.4	1041.9	2122.1	2294.6	1290.1	735.0	521.5	426.5	360.0	849.2
1961/62	324.1	368.4	629.7	1222.3	1800.3	2294.0	2243.8	1430.6	859.9	588.7	479.3	404.5	1053.8
1962/63	366.4	391.9	828.0	1722.7	2182.1	2465.0	1900.6	1064.7	693.0	552.6	469.1	404.2	1086.7
1963/64	369.6	455.4	782.4	1060.4	1554.3	1655.5	1279.8	707.5	527.3	443.0	393.2	353.4	798.5
1964/65	317.0	355.3	460.6	927.6	1654.3	1810.3	1354.8	769.3	528.3	434.3	376.8	337.8	777.2
1965/66	319.8	322.4	477.4	646.3	1046.0	1958.7	1697.0	925.4	572.6	457.8	392.0	348.7	763.7
1966/67	313.3	331.4	367.1	503.5	993.6	1608.2	1886.5	1150.6	667.4	461.1	380.8	344.2	750.6
1967/68	412.5	436.3	730.6	2479.9	2229.6	2236.8	1816.2	1126.9	714.6	510.5	414.0	393.5	1125.1
1968/69	372.8	400.6	655.0	1110.9	2097.2	2604.2	2495.6	1260.4	782.2	613.9	518.2	446.5	1113.1
1969/70	438.8	515.7	791.4	1371.5	2214.9	2270.7	1356.5	850.0	604.2	495.3	435.5	378.8	976.9
1970/71	358.2	392.0	589.5	996.4	1700.4	1862.4	1218.0	885.5	586.1	481.5	420.3	374.4	822.1
1971/72	340.2	375.6	454.0	638.1	664.5	1015.9	1251.6	945.3	559.7	426.7	366.5	323.5	613.5
1972/73	313.6	336.1	385.2	587.8	731.8	1159.4	1064.4	673.0	430.7	359.5	313.9	277.5	552.7
1973/74	261.7	298.8	379.4	671.1	1289.2	1327.1	1478.9	899.1	532.0	408.3	344.6	309.2	683.3
1974/75	291.1	347.6	554.3	1456.6	1731.7	2124.4	1819.7	1056.9	692.6	542.0	458.8	401.2	956.4
1975/76	414.4	362.3	464.2	659.4	1398.1	2216.6	2290.1	1537.5	859.4	553.3	434.9	387.6	964.8
1976/77	434.8	433.6	549.7	800.1	1397.4	1700.3	1863.9	1163.3	689.1	542.5	458.0	392.4	868.8
1977/78	365.0	352.0	526.2	914.8	1175.2	1997.6	2569.9	1669.3	834.0	599.4	495.9	426.1	993.8
1978/79	378.1	519.5	782.8	1235.9	1716.8	2245.8	2296.7	1139.2	728.4	589.5	506.3	444.5	1048.6
1979/80	403.3	495.5	985.9	1784.1	1698.3	1920.9	1596.7	1046.5	672.1	543.9	470.3	412.8	1002.5
1980/81	361.1	403.9	541.1	674.2	1043.2	1617.9	1975.2	996.9	649.6	492.7	418.0	368.1	795.2
1981/82	328.8	332.1	412.2	651.8	738.3	1258.7	926.2	731.3	422.8	452.4	364.1	322.7	578.4
1982/83	310.2	378.9	698.2	782.6	1045.8	1056.6	1042.6	714.9	520.1	446.4	350.5	298.8	637.1
1983/84	280.5	301.6	353.4	591.4	1182.7	1445.1	1034.6	637.1	390.0	327.7	286.4	301.9	594.4
1984/85	294.0	325.9	411.7	550.8	887.6	1296.6	1455.4	816.9	490.0	380.5	322.1	284.6	626.3
1985/86	259.1	270.6	298.8	416.0	809.9	1316.2	1782.9	851.1	520.6	385.0	334.9	296.0	628.4
1986/87	307.5	445.5	663.1	839.8	1298.0	1588.0	1138.6	677.6	482.2	401.2	348.7	304.2	707.9
1987/88	387.0	411.1	436.5	485.2	955.4	1405.4	1396.1	810.6	506.5	396.5	436.4	421.9	670.7
1988/89	278.6	331.1	421.9	689.8	1135.3	2105.5	2253.7	1281.9	688.7	510.9	403.9	345.1	870.5
1989/90	332.2	328.4	333.4	464.4	814.9	752.3	931.4	749.4	467.8	372.6	327.6	289.6	513.7
1990/91	282.3	280.2	360.7	700.2	1619.3	1414.6	1184.8	777.3	498.4	342.2	305.1	273.5	669.9
MEAN	333.8	369.8	532.8	899.6	1342.0	1749.3	1646.5	985.7	609.2	470.7	399.4	351.9	807.6

ST.: 2-250 KALABO (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	12.7	10.2	10.7	15.3	88.1	194.7	108.3	79.1	61.8	46.4	30.3	18.9	56.4
1960/61	12.7	10.5	9.8	13.4	16.0	120.6	207.7	124.4	85.4	58.9	33.5	19.1	59.3
1961/62	12.3	10.4	14.2	21.5	150.8	350.6	248.9	128.8	81.9	54.0	31.0	19.4	93.6
1962/63	12.6	10.4	20.3	358.4	381.6	659.0	303.0	115.5	72.5	45.0	28.9	20.6	169.0
1963/64	15.8	17.0	47.6	73.3	128.2	113.1	74.4	52.1	35.4	24.6	18.7	14.7	51.2
1964/65	10.8	9.3	9.9	15.3	69.8	87.3	88.0	73.9	58.0	37.6	23.5	15.9	41.6
1965/66	11.0	9.5	11.5	15.7	56.7	439.7	221.1	112.8	80.6	54.4	32.8	20.9	88.9
1966/67	15.4	13.3	13.0	17.3	40.7	88.3	106.5	106.3	83.6	60.2	39.4	23.3	50.6
1967/68	14.8	12.6	16.7	137.8	310.5	308.0	253.2	131.6	84.3	58.7	34.8	22.8	115.5
1968/69	15.5	12.5	16.2	25.9	166.5	523.0	486.4	199.7	91.6	61.1	35.1	21.4	137.9
1969/70	16.3	25.5	57.5	209.0	383.5	303.3	124.5	77.7	53.6	33.4	22.0	14.8	110.1
1970/71	10.4	9.1	10.2	30.1	74.4	99.3	77.4	59.1	40.5	23.3	13.5	9.0	38.0
1971/72	6.2	5.1	5.1	8.4	29.9	78.0	192.4	83.8	59.2	40.9	22.5	12.5	45.3
1972/73	7.9	5.5	5.6	4.4	5.0	17.3	35.6	24.7	17.3	13.1	9.6	6.1	12.7
1973/74	4.0	3.7	4.7	43.0	252.2	174.0	192.8	87.8	72.1	49.0	22.0	12.2	76.5
1974/75	7.3	5.3	6.0	43.8	223.4	462.5	330.1	127.6	74.9	41.1	22.1	13.2	113.1
1975/76	7.8	5.1	4.9	9.2	165.5	516.0	416.3	171.5	84.5	52.4	30.1	17.5	123.4
1976/77	11.2	7.5	9.3	13.2	41.4	154.3	105.6	82.0	57.6	45.9	30.0	15.3	47.8
1977/78	8.2	5.6	9.4	22.1	264.3	542.9	447.7	204.5	90.3	61.1	33.6	18.8	142.4
1978/79	12.4	12.3	15.4	28.9	126.9	174.5	289.8	108.8	69.0	42.6	23.3	14.8	76.6
1979/80	9.8	11.3	21.4	73.3	139.7	301.2	159.4	80.6	53.6	33.2	18.3	11.8	76.1
1980/81	8.8	7.6	8.1	17.3	68.4	352.9	213.1	94.1	71.0	45.5	28.7	19.2	77.9
1981/82	13.9	11.3	10.8	10.4	13.0	54.4	90.0	62.7	47.8	28.7	23.9	19.6	32.2
1982/83	13.9	12.8	18.6	27.0	115.5	81.2	61.9	46.6	34.0	25.7	26.0	17.6	40.1
1983/84	12.9	11.4	11.4	11.4	39.4	79.4	83.5	70.4	51.6	37.7	25.0	16.7	37.6
1984/85	12.4	3.4	13.2	18.6	100.9	125.5	92.9	82.2	68.3	53.1	30.4	10.3	50.9
1985/86	13.6	10.7	9.6	10.2	14.0	53.8	194.4	95.0	69.6	46.9	28.9	18.9	47.1
1986/87	14.6	13.8	17.6	27.0	58.0	77.3	74.6	62.8	46.0	31.9	22.4	15.8	38.5
1987/88	11.8	9.1	10.8	25.6	26.0	125.9	281.9	96.9	76.4	54.6	34.7	21.3	64.6
1988/89	14.6	12.3	17.7	110.5	641.1	508.0	365.2	215.4	93.0	61.1	41.5	23.8	175.4
1989/90	15.7	12.4	10.6	12.8	20.3	72.4	83.7	69.6	48.9	31.4	20.2	15.0	34.4
1990/91	11.2	8.1	8.1	10.8	83.6	103.0	86.5	58.3	41.2	27.8	19.5	13.4	39.3
MEAN	11.83	10.15	14.25	45.65	134.23	229.42	190.53	99.58	64.24	43.17	26.76	16.70	73.88

ST.: 2-400 SENANGA (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	315.8	320.7	415.5	642.6	915.6	1863.6	2374.1	1783.9	1331.7	806.8	525.0	408.8	975.4
1960/61	334.7	344.4	436.3	626.8	951.1	1738.5	2648.2	2171.2	1598.3	1080.0	680.2	474.6	1090.4
1961/62	391.3	414.5	610.1	983.3	1729.7	2483.0	2704.3	2239.6	1609.9	1095.4	747.5	560.6	1297.4
1962/63	446.2	437.1	701.3	1495.4	2435.0	3115.9	2838.0	2087.4	1424.7	978.4	695.6	536.7	1432.6
1963/64	459.3	539.1	877.3	1173.7	1506.6	2043.2	2023.0	1625.2	1038.4	676.6	547.5	463.0	1081.1
1964/65	396.3	431.2	552.8	819.9	1266.3	2039.9	2082.5	1655.2	1095.9	688.6	527.6	447.4	1000.3
1965/66	402.3	385.6	554.1	758.4	1010.6	1851.8	2421.6	1833.0	1276.9	798.7	552.6	458.1	1025.3
1966/67	385.5	379.7	420.5	567.8	836.5	1285.8	2111.0	1915.5	1476.0	892.5	551.2	422.2	937.0
1967/68	343.9	420.1	650.1	1435.8	2440.4	2438.1	2589.4	1949.6	1367.8	933.5	648.8	491.7	1309.1
1968/69	398.8	389.6	605.8	920.0	1533.4	2910.5	3186.9	2254.4	1544.2	1079.3	755.6	543.2	1343.5
1969/70	481.5	577.3	757.4	1225.4	2169.7	2698.3	2327.9	1645.4	1147.2	763.6	570.4	462.9	1235.6
1970/71	388.1	409.6	654.4	901.0	1411.5	2203.5	2010.2	1539.2	1127.2	687.5	492.1	410.1	1019.5
1971/72	348.4	372.9	464.8	671.6	860.8	976.2	1473.8	1536.2	1182.2	642.9	454.2	359.8	778.7
1972/73	320.8	341.0	386.1	549.4	761.4	991.4	1286.6	1210.3	697.9	440.2	356.7	296.9	636.6
1973/74	266.6	298.7	387.5	609.0	1158.5	1781.0	1800.1	1781.7	1182.9	602.9	429.8	345.4	887.0
1974/75	284.1	301.7	457.0	859.8	1867.8	2361.0	2534.4	1883.9	1273.7	788.4	504.3	388.9	1125.4
1975/76	321.0	308.3	389.7	593.5	898.4	2184.5	2502.0	2314.7	1662.9	1036.1	612.6	441.9	1105.5
1976/77	437.7	463.5	507.9	714.5	1008.3	1693.3	2014.4	2029.6	1375.9	807.5	493.9	420.8	997.3
1977/78	360.5	337.2	462.4	766.2	1173.8	2059.4	2816.2	2486.9	1714.4	1068.3	593.9	438.7	1189.8
1978/79	372.4	683.0	700.4	985.7	1458.1	2149.0	2654.3	2158.2	1388.3	756.8	617.5	470.3	1199.5
1979/80	382.1	452.9	713.7	1214.6	1925.4	2160.0	1818.4	1874.7	1241.9	750.9	563.6	427.7	1127.1
1980/81	354.3	386.8	528.9	711.5	909.9	1677.5	2240.2	2023.0	820.1	715.2	496.0	391.2	937.9
1981/82	326.8	317.7	408.4	677.0	734.3	994.3	1438.2	1262.6	865.7	530.8	432.6	394.1	698.5
1982/83	305.3	360.0	583.2	775.6	930.9	1170.9	1204.9	1110.0	702.8	457.8	377.6	319.9	691.6
1983/84	277.4	311.3	386.1	571.2	852.6	1417.8	1603.8	1297.9	703.6	437.0	352.8	302.3	709.5
1984/85	445.3	365.8	466.2	603.0	841.0	1210.5	1641.0	1648.1	1091.4	569.2	416.4	346.0	803.6
1985/86	286.7	293.7	330.6	456.5	689.5	1035.5	1855.6	1689.7	1087.8	560.7	417.1	342.3	753.8
1986/87	332.5	465.2	690.5	889.7	1080.2	1623.2	1747.1	1431.2	873.2	537.1	424.8	346.9	870.1
1987/88	317.9	308.5	507.2	646.9	771.2	1182.2	1872.4	1638.2	1095.6	588.3	549.4	399.1	823.0
1988/89	307.3	350.9	437.7	665.0	1349.9	2129.5	2225.6	2209.0	1510.1	900.1	569.2	430.9	1090.4
1989/90	346.0	332.6	351.7	532.5	765.9	1001.1	1025.8	1143.6	929.6	522.4	389.6	320.3	638.4
1990/91	294.3	283.7	367.2	502.0	1171.5	1228.6	1680.0	1447.3	819.4	455.5	371.1	313.8	744.5
MEAN	357.2	387.0	523.8	798.3	1231.7	1803.1	2086.0	1777.4	1195.5	739.0	522.4	411.8	986.1

ST.: 4-050 RAGLAM FARM (32 Years)

MONTHLY DISCHARGE (m³/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	2.0	1.9	3.0	7.4	25.3	86.9	86.1	25.6	11.3	7.2	4.9	2.8	22.0
1960/61	1.9	2.0	5.1	23.7	64.3	91.9	92.7	49.8	20.8	11.7	7.4	4.1	31.3
1961/62	2.2	4.7	14.9	59.8	114.3	201.0	196.8	112.1	43.3	24.6	16.7	10.3	66.7
1962/63	5.4	4.2	42.2	101.2	134.4	149.6	112.5	50.8	24.8	17.9	12.8	7.7	55.3
1963/64	4.7	8.8	16.9	35.0	67.8	88.3	56.2	20.3	11.2	9.2	6.8	4.7	27.5
1964/65	2.8	3.5	6.4	22.2	51.7	61.2	48.6	19.1	9.6	8.0	5.4	3.5	20.2
1965/66	2.3	2.1	7.2	15.8	37.0	84.5	50.2	20.2	11.5	7.7	5.2	3.4	20.6
1966/67	2.2	1.9	2.9	7.0	20.4	67.3	142.6	48.8	19.5	12.4	9.0	6.1	28.3
1967/68	3.6	4.8	14.4	38.5	67.6	69.2	51.1	22.7	13.5	9.5	6.4	4.5	25.5
1968/69	2.7	2.4	12.8	61.0	159.3	174.5	169.9	98.0	33.4	19.8	14.5	9.2	63.1
1969/70	6.1	7.3	21.5	57.8	123.0	132.5	63.2	27.1	15.6	11.3	8.7	5.8	40.0
1970/71	3.8	5.6	31.8	102.9	164.1	201.5	124.3	54.3	25.5	17.4	12.4	8.2	62.7
1971/72	6.2	7.5	17.2	47.0	51.2	102.3	126.1	53.7	26.0	16.5	11.9	8.9	39.5
1972/73	4.5	4.4	5.6	10.7	19.2	26.5	22.8	12.1	6.1	4.3	3.5	2.8	10.2
1973/74	2.3	2.9	3.3	12.8	21.9	47.8	58.4	25.8	15.5	8.8	5.8	3.9	17.4
1974/75	2.4	2.2	6.7	24.3	28.1	96.9	112.6	42.0	22.0	11.4	7.7	4.6	30.1
1975/76	2.6	2.2	10.5	46.3	80.5	121.1	165.6	111.4	40.8	22.9	15.7	9.8	52.5
1976/77	4.0	3.6	9.0	29.4	67.3	150.9	129.6	53.4	25.4	14.2	10.2	6.3	41.9
1977/78	2.6	2.2	21.5	65.2	171.3	231.1	230.2	121.6	49.7	30.0	21.3	11.1	79.8
1978/79	5.2	13.1	37.0	69.3	127.5	193.0	214.5	111.1	47.0	29.8	21.6	12.2	73.4
1979/80	6.6	12.3	50.9	73.8	96.6	125.0	140.7	87.8	38.9	26.9	20.2	10.2	57.5
1980/81	5.9	4.8	11.9	29.6	53.7	102.7	110.0	44.3	24.0	13.6	9.6	6.2	34.7
1981/82	3.6	2.5	5.2	14.6	62.9	62.7	41.1	30.8	14.2	8.2	5.5	3.5	21.2
1982/83	2.9	4.4	27.1	42.4	100.9	83.7	41.8	23.2	10.9	6.6	4.7	3.0	29.3
1983/84	2.1	1.9	6.1	32.1	56.2	79.5	40.9	14.2	6.7	4.9	4.1	3.0	21.0
1984/85	2.4	2.9	12.9	28.5	69.9	74.6	86.4	42.8	19.4	11.7	7.5	4.5	30.3
1985/86	2.8	2.8	6.8	19.2	80.1	141.3	125.9	63.4	32.0	20.2	12.4	6.9	42.8
1986/87	4.6	9.6	17.5	38.0	101.6	114.6	80.0	35.8	18.4	11.9	8.9	5.4	37.2
1987/88	3.2	2.4	4.4	18.9	61.6	95.7	70.4	29.3	12.8	8.4	5.7	3.5	26.4
1988/89	2.3	3.0	6.7	26.7	62.2	67.5	89.9	40.2	17.2	9.5	6.5	3.7	28.0
1989/90	2.4	2.2	4.9	12.7	20.9	41.3	40.6	28.5	12.9	6.4	4.2	2.6	15.0
1990/91	2.0	1.8	3.0	14.2	57.5	65.8	58.0	27.5	11.8	6.9	4.9	3.0	21.4
MEAN	3.4	4.3	14.0	37.1	75.6	107.3	99.4	48.4	21.6	13.4	9.4	5.8	36.6

ST.: 4-120 MWAMBASHI (32 Years)

MONTHLY DISCHARGE (m³/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	1.8	0.8	1.7	2.9	14.8	21.4	8.3	4.2	2.9	2.3	1.9	1.4	5.4
1960/61	1.1	1.0	2.5	5.5	17.2	19.4	13.4	6.4	4.0	3.1	2.4	1.7	6.5
1961/62	0.7	3.8	8.8	13.3	25.2	33.3	30.3	16.0	9.5	7.0	5.3	3.6	13.1
1962/63	2.3	2.8	10.0	23.6	26.9	24.6	15.2	9.1	6.8	5.4	4.1	2.9	11.2
1963/64	2.1	4.3	5.3	8.7	18.2	10.4	4.7	3.2	2.8	2.4	2.0	1.5	5.5
1964/65	1.2	1.5	2.8	11.8	11.9	11.5	6.1	3.2	2.6	2.3	1.9	1.5	4.8
1965/66	1.3	1.5	3.0	2.8	8.9	17.2	6.9	3.9	2.8	2.3	1.9	1.5	4.5
1966/67	1.1	0.9	1.6	4.7	7.8	15.5	10.7	4.2	2.9	2.3	2.1	1.6	4.6
1967/68	1.2	2.5	5.6	17.4	14.4	16.7	8.2	4.7	3.6	3.4	2.7	2.0	6.9
1968/69	1.4	1.5	8.5	19.0	29.0	25.6	20.0	11.1	6.9	5.7	4.4	3.0	11.3
1969/70	2.3	3.2	7.3	12.5	22.6	14.5	6.6	4.2	3.5	3.1	2.3	1.6	7.0
1970/71	1.4	2.7	13.5	25.3	24.4	25.2	12.2	6.3	4.8	4.0	2.9	2.1	10.4
1971/72	1.6	2.6	4.7	13.1	15.7	22.7	14.9	7.8	5.0	4.2	3.3	2.4	8.2
1972/73	1.7	1.5	2.8	4.9	6.0	9.2	5.3	2.5	2.0	1.8	1.6	1.2	3.4
1973/74	1.0	1.3	1.9	7.7	11.3	12.5	10.6	5.6	3.6	3.1	2.5	1.9	5.3
1974/75	1.3	1.3	7.5	19.8	17.5	27.5	16.4	8.1	5.4	4.1	3.4	2.5	9.6
1975/76	1.7	1.9	4.8	11.8	22.1	33.2	35.8	18.1	10.5	7.7	5.7	4.1	13.1
1976/77	3.1	3.0	7.3	11.7	14.4	26.4	13.6	6.4	4.5	3.6	2.9	1.8	8.2
1977/78	1.3	1.4	10.2	15.7	29.0	47.6	37.9	14.9	9.0	7.1	5.2	3.6	15.2
1978/79	2.5	3.8	15.4	17.7	22.8	30.5	27.3	11.2	7.5	5.8	4.2	2.8	12.6
1979/80	2.7	5.0	11.7	10.4	11.4	17.5	17.2	7.4	5.1	4.1	2.8	2.0	8.1
1980/81	1.7	1.8	3.9	6.1	11.0	66.9	9.9	5.8	3.8	2.9	2.4	1.8	9.8
1981/82	1.3	1.7	3.4	8.8	17.7	9.1	5.7	4.1	2.3	1.8	1.5	1.2	4.9
1982/83	1.2	2.3	6.1	9.2	22.9	11.6	6.8	3.5	2.3	2.1	1.7	1.2	5.9
1983/84	1.1	1.2	4.0	9.0	8.2	10.2	7.5	2.4	1.7	1.6	1.5	1.1	4.1
1984/85	0.9	1.6	16.3	20.6	24.8	16.7	11.7	7.1	4.5	3.2	2.4	2.0	9.3
1985/86	1.4	2.4	7.1	16.8	30.8	32.0	25.3	15.1	9.2	7.4	5.8	3.9	13.1
1986/87	3.7	7.8	7.6	11.6	20.2	15.2	9.5	4.8	3.2	2.7	2.1	1.5	7.5
1987/88	1.3	1.0	2.0	9.4	15.2	17.6	8.0	3.6	2.6	2.3	1.9	1.4	5.5
1988/89	1.0	1.5	3.3	8.4	17.9	11.6	13.3	4.6	2.9	2.7	2.3	1.6	5.9
1989/90	1.3	1.4	3.5	7.0	10.8	5.8	6.0	3.0	2.0	1.6	1.4	1.1	3.7
1990/91	0.9	0.9	1.8	11.6	14.9	13.8	8.9	3.6	2.1	1.8	1.7	1.4	5.3
MEAN	1.6	2.3	6.1	11.8	17.7	21.0	13.6	6.8	4.4	3.6	2.8	2.0	7.8

ST.: 4-130 SMITH'S BRIDGE (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	10.8	3.1	8.6	17.8	76.2	141.0	104.6	39.6	19.0	12.5	8.7	5.6	37.3
1960/61	3.9	4.4	14.9	47.0	133.5	159.0	136.5	77.0	38.3	23.5	15.3	9.2	55.2
1961/62	5.4	20.2	61.8	128.6	211.7	285.9	268.6	162.3	88.6	58.7	42.0	27.7	113.5
1962/63	16.0	17.6	91.1	189.6	215.8	215.8	159.9	93.7	57.7	42.7	31.5	20.8	96.0
1963/64	13.5	27.6	42.7	91.9	146.1	131.5	86.9	41.8	26.5	21.0	16.0	11.1	54.7
1964/65	7.3	10.1	19.3	70.8	116.0	126.1	87.6	41.3	23.9	18.6	13.4	8.7	45.3
1965/66	6.7	8.1	17.1	30.5	84.2	141.3	86.4	40.0	23.1	15.4	10.9	7.9	39.3
1966/67	40.8	42.0	58.0	196.5	285.5	274.6	255.6	107.1	94.0	76.1	62.4	49.5	128.5
1967/68	9.7	14.5	32.7	111.7	127.7	143.0	94.9	46.7	28.0	20.1	15.1	10.5	54.5
1968/69	6.3	6.9	57.1	150.0	268.2	266.7	233.2	156.3	79.4	51.3	36.8	22.6	111.2
1969/70	15.7	21.4	60.3	138.0	212.7	189.9	110.1	58.8	37.3	26.5	19.7	12.5	75.3
1970/71	8.9	21.5	101.3	208.4	239.8	267.6	177.8	103.7	60.8	44.7	32.5	21.8	107.4
1971/72	16.3	21.2	50.1	121.0	135.1	189.2	188.4	108.5	61.6	41.9	29.9	20.3	81.9
1972/73	14.7	13.7	20.1	39.2	65.2	82.8	57.7	29.1	17.2	13.2	10.8	8.2	31.0
1973/74	6.9	11.8	17.3	58.7	84.1	127.0	129.4	70.4	40.6	26.4	18.3	12.5	50.3
1974/75	7.9	8.7	43.7	123.8	107.1	224.1	190.1	98.0	53.3	34.5	24.6	16.4	77.7
1975/76	11.1	9.4	32.2	126.2	193.3	261.9	278.9	188.7	106.8	67.3	47.0	33.3	113.0
1976/77	21.2	23.5	51.0	105.4	162.3	255.4	202.5	113.1	63.4	44.2	34.9	24.1	91.7
1977/78	15.0	19.1	70.0	150.7	256.6	372.4	329.9	192.6	125.5	76.9	55.2	40.1	142.0
1978/79	30.2	42.4	102.1	157.4	203.7	270.4	283.7	164.2	97.2	66.7	49.7	34.7	125.2
1979/80	30.0	41.7	99.8	147.1	154.2	196.7	200.9	139.1	76.8	53.5	39.0	28.7	100.6
1980/81	21.9	16.9	41.2	90.4	132.2	193.7	163.2	92.8	53.8	36.2	27.6	19.1	74.1
1981/82	12.6	12.0	21.8	48.4	162.4	125.8	85.8	64.0	32.8	20.6	16.0	11.7	51.2
1982/83	11.5	17.9	74.5	103.6	213.8	165.4	107.1	56.8	32.7	22.9	17.3	12.1	69.6
1983/84	9.5	9.3	38.0	111.3	127.7	155.8	94.9	37.0	21.0	16.7	13.4	9.2	53.6
1984/85	7.3	12.1	92.2	127.2	200.8	179.1	162.0	103.4	63.4	34.3	23.4	16.0	85.1
1985/86	10.7	16.4	60.3	106.4	232.5	273.9	232.9	150.9	93.1	69.4	50.3	34.8	111.0
1986/87	31.3	47.4	59.1	110.9	203.4	193.7	148.4	87.6	39.8	29.1	22.9	16.3	82.5
1987/88	21.0	11.6	17.3	60.5	151.1	193.6	132.4	60.2	33.8	24.3	18.3	11.9	61.3
1988/89	8.5	27.6	24.4	85.3	178.7	160.6	179.7	92.9	44.3	37.5	32.9	28.7	75.1
1989/90	40.8	42.0	58.0	196.5	285.5	274.6	91.9	63.1	58.0	17.5	12.4	9.1	74.3
1990/91	7.3	6.8	13.2	87.5	152.3	164.4	130.8	67.4	33.3	22.0	16.3	10.9	74.3
MEAN	15.0	19.0	48.5	110.6	172.5	200.1	162.3	92.1	53.9	36.4	27.0	18.9	79.5

ST.: 4-200 NPATAMATO (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	7.1	8.4	23.6	42.3	136.1	200.5	118.3	47.7	26.2	19.2	14.4	10.5	54.5
1960/61	8.4	10.3	23.5	65.4	187.4	259.2	192.0	87.7	46.5	31.1	22.0	14.9	79.0
1961/62	10.7	32.2	92.5	173.6	346.6	420.2	395.0	217.1	105.6	70.9	51.7	34.8	162.6
1962/63	21.9	28.7	131.9	314.0	371.1	361.7	220.6	118.0	73.2	56.0	41.6	28.4	147.3
1963/64	19.9	36.8	67.7	114.5	269.5	181.2	97.6	51.0	34.8	28.4	22.6	16.9	78.4
1964/65	13.7	21.0	35.4	131.3	167.1	160.6	97.4	47.6	31.4	25.8	20.2	15.2	63.9
1965/66	13.2	18.4	37.2	45.4	124.4	207.7	94.7	47.4	30.6	22.6	17.4	13.8	56.1
1966/67	11.2	12.2	22.1	51.3	95.5	195.1	208.9	90.5	43.0	29.4	22.9	17.7	66.6
1967/68	15.8	25.8	44.7	135.5	154.5	168.3	93.9	49.7	33.1	21.0	21.6	16.8	65.5
1968/69	12.6	16.6	66.8	215.9	423.7	387.2	342.9	180.9	90.5	61.4	45.9	30.6	156.2
1969/70	23.0	28.5	74.1	167.1	278.0	207.9	105.6	58.2	40.1	30.7	24.2	17.0	87.9
1970/71	13.4	26.6	118.6	288.0	356.7	347.7	191.5	99.2	61.0	46.5	34.9	25.3	134.1
1971/72	19.9	25.6	56.8	130.2	145.5	218.6	194.5	106.6	59.9	44.0	32.7	23.7	88.2
1972/73	18.0	19.3	28.4	40.3	72.0	92.9	53.0	30.3	20.2	17.2	14.6	12.2	34.9
1973/74	12.2	21.6	30.1	78.8	168.4	201.1	163.6	81.9	47.7	33.8	24.6	17.4	73.4
1974/75	12.1	12.6	59.3	183.0	152.4	294.2	229.4	102.3	57.9	40.3	30.4	22.0	99.7
1975/76	15.7	15.7	40.8	130.6	227.4	337.0	381.0	208.4	105.5	69.6	49.9	36.5	134.9
1976/77	25.5	26.3	44.9	98.6	187.3	353.0	225.9	106.7	61.0	44.4	35.0	24.5	102.8
1977/78	16.8	17.8	89.4	205.8	383.7	462.9	422.2	223.2	122.9	83.9	59.3	42.9	177.6
1978/79	31.0	45.3	129.2	189.9	247.4	385.4	365.1	223.0	189.2	75.4	58.6	44.1	165.3
1979/80	37.0	45.0	140.9	168.1	190.8	276.0	254.8	145.6	81.9	59.8	44.9	31.6	123.0
1980/81	32.0	29.1	57.5	138.8	223.8	331.2	197.3	119.8	68.1	49.6	37.2	27.2	109.3
1981/82	19.2	18.1	32.2	65.6	177.6	131.3	83.3	63.8	36.8	26.5	22.2	18.2	57.9
1982/83	18.8	23.7	79.9	106.4	255.0	168.3	98.0	57.2	37.3	30.4	24.3	18.2	76.5
1983/84	15.0	15.1	41.9	126.4	128.9	167.0	96.8	40.9	29.5	24.4	19.9	15.5	60.1
1984/85	13.9	20.9	132.4	199.5	343.0	256.4	205.2	111.6	62.4	43.9	34.1	27.5	120.9
1985/86	23.0	30.5	81.8	170.2	440.8	469.9	391.3	225.4	117.1	75.1	54.4	37.6	176.4
1986/87	32.3	50.1	60.4	81.2	166.4	202.8	153.6	67.8	46.4	37.4	30.9	26.5	79.6
1987/88	23.9	20.4	24.3	74.6	157.3	212.5	220.2	67.4	43.6	35.1	30.5	26.6	78.0
1988/89	22.4	23.2	33.2	142.5	220.6	210.8	193.9	69.0	59.0	45.8	36.2	27.7	90.4
1989/90	8.8	6.3	19.8	97.1	162.4	127.8	96.6	49.0	31.9	21.0	14.8	12.0	54.1
1990/91	10.7	10.0	26.6	144.5	245.6	191.7	143.5	70.4	39.7	27.3	21.2	15.0	78.9
MEAN	18.1	23.3	60.9	134.9	225.2	255.9	197.7	102.0	60.4	41.7	31.7	23.4	97.9

ST.: 4-280 MACHIYA FERRY (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	6.2	8.1	31.7	60.9	204.8	307.0	179.2	69.3	35.9	25.0	17.5	11.4	79.7
1960/61	8.2	11.1	31.7	96.8	286.6	398.5	293.8	131.5	67.4	43.5	29.2	18.3	118.0
1961/62	11.8	45.1	139.0	265.3	534.4	648.9	609.6	332.9	159.4	105.4	75.5	49.2	248.0
1962/63	33.7	37.3	182.8	479.7	582.0	649.2	427.0	208.8	116.4	87.7	64.8	45.0	242.9
1963/64	31.7	47.7	104.1	179.0	398.3	350.3	161.3	75.4	52.7	44.1	36.4	27.5	125.7
1964/65	19.7	24.0	44.6	215.5	286.9	258.5	148.1	67.7	46.5	38.8	31.6	24.0	100.5
1965/66	18.7	20.7	44.3	58.1	171.2	293.8	153.0	70.0	46.2	36.0	27.3	21.2	80.0
1966/67	15.7	14.2	22.9	65.4	124.5	275.5	304.5	137.5	58.3	41.3	33.7	25.6	93.3
1967/68	19.8	28.3	54.5	149.7	255.3	224.6	136.0	68.8	46.0	38.9	31.8	24.7	89.9
1968/69	17.7	17.2	75.4	281.0	593.0	613.3	600.8	327.6	141.9	91.7	72.3	50.5	240.2
1969/70	34.6	44.6	107.1	281.1	377.9	349.7	161.0	83.1	55.4	43.7	35.7	25.8	133.3
1970/71	21.0	32.6	150.8	351.5	501.3	515.7	355.6	150.2	85.7	65.0	50.0	37.4	193.1
1971/72	29.7	35.5	68.7	182.0	197.1	297.5	294.3	159.5	81.1	59.8	45.9	35.0	123.8
1972/73	26.4	23.9	31.0	51.1	89.6	141.2	72.2	41.2	28.1	23.9	20.9	17.4	47.2
1973/74	15.0	20.5	31.4	112.3	269.0	353.1	263.7	123.4	70.6	47.2	36.7	27.6	114.2
1974/75	19.5	16.8	73.3	288.0	240.9	389.2	382.0	155.9	78.5	55.8	43.5	32.8	148.0
1975/76	23.3	19.2	40.2	158.3	278.3	426.4	599.4	392.9	165.3	98.7	70.5	51.9	193.7
1976/77	37.1	35.7	58.3	123.0	248.1	471.1	405.4	168.6	84.9	63.1	51.0	36.7	148.6
1977/78	26.5	26.2	116.3	300.3	632.6	743.7	779.8	449.9	210.4	130.1	91.7	62.9	297.5
1978/79	42.6	60.1	173.9	333.8	354.3	568.4	646.7	355.0	163.5	109.5	81.5	57.4	245.6
1979/80	45.5	58.9	202.1	270.5	311.0	415.5	417.4	285.1	129.2	90.9	72.5	51.4	195.8
1980/81	40.6	40.9	71.4	195.9	312.0	547.7	391.3	204.8	105.4	76.6	59.8	43.7	174.2
1981/82	33.7	30.0	43.2	87.3	250.9	250.1	121.5	95.2	59.5	43.4	35.9	28.8	90.0
1982/83	26.0	30.9	89.0	105.7	308.7	289.8	144.4	82.3	54.2	42.8	35.6	28.8	103.2
1983/84	22.4	21.2	39.0	157.8	152.1	236.9	151.1	57.8	36.8	30.5	25.7	20.7	79.3
1984/85	17.7	24.3	131.6	301.3	467.7	434.5	354.0	176.3	89.2	62.1	46.2	34.0	178.2
1985/86	24.6	28.9	74.7	193.1	410.5	484.1	487.3	311.3	139.2	87.6	66.0	46.6	196.2
1986/87	37.8	67.3	84.6	119.1	260.9	321.4	239.6	96.7	61.2	46.2	35.4	28.1	116.5
1987/88	23.8	17.9	24.4	108.1	245.7	337.6	350.4	96.2	56.5	42.3	34.7	28.3	113.8
1988/89	21.3	22.5	39.3	221.1	351.0	334.7	306.7	98.8	82.2	60.2	44.3	30.1	134.4
1989/90	22.9	21.4	49.8	129.3	193.4	148.1	116.1	81.3	47.0	31.3	26.5	21.9	74.1
1990/91	12.7	12.3	25.7	140.6	341.5	261.9	227.5	98.4	52.5	38.8	32.4	25.8	105.8
MEAN	24.6	29.5	76.8	189.5	319.7	385.6	321.3	164.2	84.6	59.4	45.7	33.5	144.5

ST.: 4-350 CHILENGA (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	8.7	11.3	42.2	80.3	268.8	402.5	235.2	91.4	47.6	33.3	23.6	15.5	105.0
1960/61	11.4	15.3	42.1	127.3	375.8	522.2	385.2	172.8	88.8	57.5	38.9	24.6	155.2
1961/62	16.1	59.7	182.7	347.9	700.2	850.1	798.7	436.4	209.3	138.6	99.5	65.0	325.3
1962/63	44.8	49.5	240.0	628.5	762.5	850.5	559.6	274.0	153.0	115.4	85.4	59.6	318.6
1963/64	42.1	53.1	137.0	235.0	519.1	459.2	211.8	99.3	69.6	58.4	48.4	36.6	165.0
1964/65	25.3	26.7	47.8	221.3	416.7	406.8	240.6	107.2	61.3	46.9	37.3	29.2	138.9
1965/66	23.3	23.8	50.4	78.4	185.0	348.4	282.9	112.4	57.9	41.1	31.8	25.6	105.1
1966/67	19.6	17.6	23.8	67.5	140.9	297.6	442.5	254.6	85.0	52.4	38.9	29.7	122.5
1967/68	23.2	29.2	66.4	141.8	304.7	274.7	227.2	110.0	57.3	45.3	35.8	27.8	112.0
1968/69	21.2	20.3	76.4	333.3	676.7	814.7	839.9	547.0	237.2	141.1	100.7	65.8	322.9
1969/70	42.5	56.2	103.3	371.4	472.4	505.6	267.4	133.9	79.4	57.6	43.9	32.0	180.5
1970/71	26.1	33.1	147.5	368.0	609.8	651.9	537.0	239.0	124.3	90.1	63.8	44.9	244.6
1971/72	33.6	38.5	76.2	220.8	249.4	339.5	421.8	250.6	121.6	81.8	58.7	41.4	161.2
1972/73	30.6	27.5	33.4	63.9	99.3	187.1	113.5	54.9	31.8	27.1	23.8	20.6	59.5
1973/74	18.2	22.5	36.6	137.2	332.7	559.1	410.9	194.8	103.0	64.9	41.5	24.8	162.2
1974/75	16.4	22.1	74.0	345.4	368.5	514.1	558.7	246.3	96.5	60.4	42.0	29.6	197.8
1975/76	22.0	17.9	34.3	143.1	281.8	541.0	759.1	624.3	270.2	133.8	88.2	57.1	247.7
1976/77	37.7	38.7	66.0	141.3	269.3	586.8	616.4	295.9	130.3	87.8	66.2	45.4	198.5
1977/78	30.4	31.5	117.0	337.4	719.6	935.0	1057.2	738.9	352.4	196.8	142.4	95.4	396.2
1978/79	60.4	77.5	172.3	401.2	443.3	708.2	869.7	593.0	261.1	169.1	124.2	82.5	330.2
1979/80	58.5	70.4	202.3	361.1	399.9	564.6	600.4	466.2	204.5	136.6	102.4	69.3	269.7
1980/81	46.9	50.0	75.4	196.5	357.7	721.3	635.6	330.7	169.3	112.7	84.0	58.6	236.5
1981/82	40.5	33.7	54.8	96.5	269.3	419.6	202.7	145.6	84.3	54.7	42.7	32.9	123.1
1982/83	28.6	34.9	104.5	139.1	304.3	416.2	225.6	115.5	63.5	45.8	37.8	30.0	128.8
1983/84	23.8	22.7	39.6	180.3	185.6	273.8	262.4	115.5	53.2	39.6	32.0	24.7	104.4
1984/85	20.6	25.3	100.3	328.6	523.7	582.4	512.3	266.8	117.5	83.9	59.2	41.9	221.9
1985/86	28.2	30.8	66.5	196.1	387.8	592.8	641.0	513.9	209.8	122.8	86.9	56.2	244.4
1986/87	41.3	72.0	111.3	156.5	301.5	412.8	282.2	141.1	70.5	53.5	43.3	32.2	143.2
1987/88	24.8	20.2	36.7	75.4	275.0	457.6	479.8	166.2	70.7	51.6	43.7	37.7	144.9
1988/89	28.6	25.2	42.9	126.6	376.3	497.8	419.6	256.3	105.7	66.4	49.4	34.7	169.1
1989/90	26.1	24.1	49.7	139.3	217.5	256.1	157.0	113.8	60.6	37.8	28.3	22.8	94.4
1990/91	18.9	16.6	26.0	133.3	336.3	336.6	291.7	149.8	70.4	46.5	36.8	26.0	124.1
MEAN	29.4	34.6	83.7	216.3	379.1	509.0	454.6	261.2	122.4	79.7	58.8	41.3	189.2

ST.: 4-450 LUBUNGU (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	13.0	10.9	25.6	93.3	162.0	352.6	360.5	159.9	58.3	40.7	30.5	20.9	110.7
1960/61	14.2	14.0	21.9	80.0	259.1	560.9	573.6	387.7	155.4	83.5	58.1	39.9	187.4
1961/62	24.8	33.9	109.3	254.1	544.3	703.2	883.2	687.5	432.6	211.8	140.3	95.6	343.4
1962/63	60.4	52.3	242.2	625.7	888.2	1054.6	848.3	536.9	253.5	175.6	131.0	90.9	413.8
1963/64	62.4	75.5	162.6	237.4	509.6	584.4	377.1	150.2	93.0	76.3	62.6	46.3	203.1
1964/65	31.5	30.4	57.0	229.1	431.9	404.0	273.8	120.5	72.0	56.9	46.7	35.2	149.1
1965/66	24.2	24.9	54.6	86.1	184.9	348.5	288.9	126.6	69.4	50.5	38.8	29.1	110.5
1966/67	19.2	14.3	23.2	70.1	150.5	298.0	399.7	279.8	95.8	60.5	46.3	34.9	124.4
1967/68	24.3	30.5	65.0	123.7	273.4	283.0	234.7	117.9	63.7	51.4	41.7	31.6	111.8
1968/69	21.3	17.3	63.9	324.5	634.8	882.2	956.7	641.2	347.4	186.0	134.9	95.9	358.9
1969/70	67.2	77.8	152.6	426.2	540.0	496.5	334.9	157.6	95.4	73.1	57.2	41.0	210.0
1970/71	29.0	33.2	134.2	375.4	587.4	603.0	536.1	315.9	136.1	95.3	73.5	53.4	247.7
1971/72	37.8	41.7	78.0	248.6	273.9	329.0	389.6	284.1	127.6	85.0	64.8	48.0	167.3
1972/73	34.6	29.1	33.3	64.9	95.2	180.4	119.5	69.4	38.2	31.4	25.7	19.5	61.8
1973/74	14.8	20.4	42.2	158.7	413.0	490.3	438.3	229.7	118.1	76.3	56.7	40.4	174.9
1974/75	25.3	20.0	106.9	417.2	437.0	567.2	487.7	320.9	128.6	85.7	64.5	48.4	225.8
1975/76	33.0	23.3	52.4	182.6	371.0	536.0	721.1	599.9	373.5	170.9	113.7	79.7	271.4
1976/77	57.5	48.1	67.3	136.6	253.1	464.8	533.6	363.0	145.6	95.1	74.1	54.1	191.1
1977/78	35.3	28.1	112.7	338.0	673.7	916.0	1034.2	726.4	34.4	14.3	7.0	104.1	335.3
1978/79	70.2	86.7	178.4	399.2	478.3	678.6	890.0	668.4	369.5	200.9	144.5	99.3	355.3
1979/80	68.2	79.0	212.6	377.3	439.2	525.2	551.7	497.2	253.2	148.0	112.3	79.4	278.6
1980/81	56.4	59.4	76.6	214.6	434.3	722.3	673.5	453.9	218.2	146.0	103.3	72.5	269.3
1981/82	49.0	38.8	61.1	98.5	280.2	397.5	222.8	149.7	91.6	63.1	49.6	38.5	128.4
1982/83	29.7	38.1	99.8	138.7	256.9	363.9	255.3	121.2	71.0	51.3	42.4	33.3	125.1
1983/84	34.9	27.8	44.7	160.5	208.3	274.9	275.0	129.2	60.7	47.2	36.8	35.7	111.3
1984/85	31.8	36.3	108.8	282.2	493.4	496.4	478.7	269.8	143.0	90.6	65.4	47.8	212.0
1985/86	31.9	41.7	76.1	201.4	367.5	585.0	506.6	472.4	269.9	134.3	94.4	65.9	237.3
1986/87	48.7	74.3	187.8	163.2	303.4	411.0	294.2	150.7	78.2	59.3	49.9	37.5	148.2
1987/88	27.7	25.6	38.8	80.8	273.2	417.4	409.6	178.7	82.4	57.4	43.5	32.9	139.0
1988/89	25.0	22.2	39.5	109.1	364.5	475.4	374.2	277.6	113.7	72.3	57.2	39.9	164.2
1989/90	27.8	34.6	56.8	122.2	222.2	210.2	161.4	116.5	67.9	43.1	31.2	23.2	93.1
1990/91	19.2	18.5	24.0	115.4	290.3	325.5	240.2	141.6	74.5	52.9	38.5	26.0	113.9
MEAN	35.9	37.8	85.3	216.7	378.0	498.1	472.6	309.4	148.1	90.2	66.8	51.3	199.2

ST.: 4-560 CHIFUMPA PONTOON (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	19.4	20.3	30.3	50.1	133.1	256.3	98.5	48.2	37.7	33.0	28.9	24.4	65.0
1960/61	21.4	25.3	32.9	81.8	233.1	471.3	286.9	90.7	57.3	48.3	39.8	31.9	118.4
1961/62	25.6	34.9	90.5	136.5	423.9	558.8	632.9	170.0	97.1	76.0	60.9	45.1	196.0
1962/63	32.5	39.6	281.2	504.6	528.7	634.1	205.7	105.8	80.5	68.9	55.2	42.2	214.9
1963/64	32.3	48.8	97.5	116.7	312.3	156.1	76.5	49.0	42.7	38.7	32.6	26.6	85.8
1964/65	21.4	23.8	38.3	98.5	210.8	112.6	57.8	36.3	32.3	29.5	26.9	22.5	59.2
1965/66	20.1	22.2	42.4	42.4	92.1	133.1	94.1	39.3	32.4	29.8	27.0	23.1	49.8
1966/67	19.2	19.2	23.1	34.2	98.5	160.8	139.7	54.7	38.4	33.8	30.9	25.9	56.5
1967/68	21.4	27.8	44.9	89.1	109.0	133.0	65.0	46.6	37.8	38.2	33.7	27.7	56.2
1968/69	23.0	26.3	87.2	270.2	638.0	761.1	672.9	136.5	90.0	73.6	59.2	45.1	240.3
1969/70	37.4	49.1	119.7	203.6	459.5	257.4	124.6	80.6	60.2	51.4	42.0	31.5	126.4
1970/71	26.7	33.8	85.1	198.0	214.0	218.8	121.6	74.7	56.9	50.2	41.3	34.0	96.3
1971/72	26.6	33.3	43.3	85.9	65.5	132.7	105.0	60.8	42.1	36.7	31.5	26.9	57.5
1972/73	21.5	20.1	24.1	41.1	45.4	49.8	28.2	19.8	17.3	17.6	16.3	14.4	26.3
1973/74	13.1	15.2	21.4	52.3	104.0	130.7	65.8	36.1	27.9	25.2	22.2	18.7	44.4
1974/75	14.8	14.7	46.7	158.2	170.8	225.5	136.2	55.3	41.5	34.8	30.0	24.6	79.4
1975/76	19.1	16.8	36.1	110.6	139.1	304.8	329.3	123.5	67.9	55.5	45.2	35.2	106.9
1976/77	30.3	27.1	40.3	87.6	106.8	258.7	159.1	73.8	51.7	43.9	38.1	29.1	78.9
1977/78	27.0	20.8	86.1	213.1	401.8	706.7	838.5	292.8	132.2	93.6	71.3	54.1	244.8
1978/79	40.5	63.9	122.0	201.2	227.1	318.6	415.2	245.0	118.5	95.8	75.4	55.7	164.9
1979/80	48.5	64.9	157.3	164.1	231.6	270.5	260.6	235.7	124.2	76.1	59.5	44.4	144.8
1980/81	37.4	37.3	58.8	93.6	169.8	570.5	199.9	106.9	72.4	61.9	51.3	40.3	125.0
1981/82	30.5	27.4	33.6	61.0	151.7	97.3	62.6	48.5	36.7	33.4	48.9	38.5	55.8
1982/83	22.9	27.5	72.6	52.8	102.9	56.8	45.2	37.2	30.2	26.9	27.9	23.4	43.9
1983/84	22.3	22.9	85.9	81.8	79.1	99.6	67.4	38.2	31.7	29.9	26.6	22.1	50.6
1984/85	19.3	21.1	49.6	117.6	200.5	201.7	194.7	112.8	63.0	42.4	32.5	25.6	90.1
1985/86	21.0	25.0	39.1	90.5	158.5	247.7	215.5	201.5	118.6	63.0	46.6	35.0	105.2
1986/87	27.8	39.6	48.6	83.1	183.7	145.4	143.0	77.4	44.2	37.6	34.2	26.6	74.3
1987/88	23.7	21.2	36.8	84.0	177.5	373.4	147.2	60.1	46.5	38.8	33.3	28.0	89.2
1988/89	24.1	29.8	26.5	72.0	195.2	119.7	183.3	55.8	42.6	37.8	32.9	27.2	70.6
1989/90	23.6	23.4	32.7	49.8	109.9	78.7	136.8	61.3	41.6	35.2	31.4	26.2	54.2
1990/91	23.4	20.5	28.3	89.1	220.7	146.3	102.6	51.9	39.4	34.3	30.4	25.7	67.7
MEAN	25.6	29.5	64.5	119.2	209.2	262.1	200.4	91.5	57.9	46.6	39.5	31.3	98.1

ST. : 4-669 KAFUE HOOK BRIDGE (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	54.2	50.9	73.3	176.2	280.5	569.9	582.0	277.4	123.0	96.2	80.7	66.1	202.5
1960/61	56.0	55.7	67.7	155.9	427.6	886.4	905.7	623.4	270.4	161.2	122.7	95.1	319.0
1961/62	72.0	85.9	200.5	420.4	861.2	1102.6	1376.0	1078.6	691.5	356.2	247.6	179.7	556.0
1962/63	126.1	113.8	402.3	984.8	1383.6	1636.3	1322.9	850.0	428.6	301.1	233.5	172.5	663.0
1963/64	129.2	149.1	281.3	395.1	808.6	922.1	607.3	262.5	175.6	150.3	129.5	104.8	342.9
1964/65	82.3	80.6	120.9	382.4	690.5	648.1	450.3	217.5	143.8	120.9	105.3	87.8	260.9
1965/66	71.2	72.3	117.3	165.1	315.2	563.8	473.2	226.7	139.8	111.1	93.3	78.5	202.3
1966/67	63.5	56.1	69.6	140.8	263.1	487.1	641.5	459.4	179.9	126.4	104.8	87.4	223.3
1967/68	71.3	80.8	133.2	222.3	449.7	464.3	391.0	213.4	131.1	112.5	97.8	82.5	204.2
1968/69	66.7	60.6	131.5	527.4	998.7	1374.5	1487.7	1008.5	562.1	317.0	239.3	180.1	579.5
1969/70	136.5	152.6	266.2	681.8	854.6	788.6	543.1	273.8	179.3	145.4	121.3	96.7	353.3
1970/71	78.5	84.8	238.2	604.7	926.6	950.4	848.7	514.2	241.1	179.1	146.0	115.6	410.7
1971/72	91.7	97.7	152.8	412.0	451.7	534.1	626.2	465.9	228.3	163.5	132.8	107.3	288.7
1972/73	87.0	78.6	84.9	132.9	179.0	308.4	215.9	139.8	92.4	82.1	73.5	64.0	128.2
1973/74	40.8	49.8	105.3	323.8	1012.3	760.2	568.1	302.1	173.9	124.8	99.6	76.6	303.1
1974/75	54.3	46.4	207.4	790.5	672.2	997.6	713.5	425.6	193.2	135.3	109.0	87.5	369.4
1975/76	65.4	53.2	105.6	351.0	806.6	1021.0	1253.1	852.5	502.3	249.6	178.1	136.2	464.6
1976/77	109.0	94.3	123.3	229.3	374.9	712.3	732.0	468.5	220.7	157.9	131.4	101.2	287.9
1977/78	73.1	59.7	200.4	746.8	1301.7	2025.2	2273.1	1445.2	862.6	463.5	310.2	221.1	831.9
1978/79	155.4	200.0	326.5	580.6	729.6	1210.8	1583.5	927.5	526.9	314.4	238.9	175.0	580.7
1979/80	133.9	157.7	381.0	548.4	720.6	961.6	805.3	645.0	361.1	233.9	187.5	141.7	439.8
1980/81	108.5	119.3	157.9	372.2	819.6	1442.9	1039.3	626.9	317.7	218.1	174.7	136.3	461.1
1981/82	103.4	86.0	116.8	187.8	534.8	567.0	372.9	229.6	154.4	119.8	100.6	84.5	221.5
1982/83	71.6	85.7	200.8	227.0	396.3	456.4	333.6	180.6	118.7	96.1	82.3	69.3	193.2
1983/84	71.6	86.8	202.8	226.4	396.3	456.6	333.1	180.6	109.3	83.9	71.4	59.3	189.8
1984/85	47.6	56.0	136.7	383.0	823.0	648.1	649.7	444.3	200.1	139.5	108.4	85.8	310.1
1985/86	60.9	62.0	98.3	281.4	565.0	698.7	724.2	621.6	346.3	183.5	140.3	107.0	324.1
1986/87	88.0	122.5	162.8	192.1	461.0	499.4	374.6	205.9	129.0	106.5	95.1	73.6	209.2
1987/88	59.1	44.2	88.3	176.0	421.5	799.1	629.3	307.6	145.3	109.8	91.8	71.6	245.3
1988/89	56.4	58.7	84.7	184.9	609.5	495.1	501.2	329.3	178.6	117.1	94.5	95.0	233.7
1989/90	37.9	47.0	74.2	190.9	428.6	315.8	337.1	197.0	122.7	85.1	68.2	53.2	163.1
1990/91	41.1	33.5	74.2	285.8	479.8	477.4	391.3	218.6	132.8	90.3	76.1	60.0	196.7
MEAN	80.1	83.8	162.1	365.0	638.9	805.7	752.7	475.6	262.0	170.3	133.9	104.8	336.2

ST.: 4-941 KALEYA DAM SITE (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	0.18	0.17	1.02	0.56	0.55	0.29	0.21	0.20	0.18	0.17	0.16	0.13	0.32
1960/61	0.12	0.14	0.14	0.68	0.23	0.18	0.16	0.13	0.13	0.14	0.13	0.12	0.19
1961/62	0.10	0.21	0.20	0.27	0.52	0.20	0.18	0.17	0.17	0.17	0.15	0.14	0.21
1962/63	0.12	0.23	1.19	0.45	0.77	0.57	0.31	0.27	0.27	0.25	0.23	0.21	0.41
1963/64	0.18	0.17	0.49	0.23	0.27	0.19	0.14	0.13	0.14	0.16	0.14	0.12	0.20
1964/65	0.11	0.11	1.15	1.26	0.96	0.20	0.15	0.13	0.13	0.14	0.12	0.11	0.38
1965/66	0.11	0.37	0.11	0.11	0.94	0.24	0.12	0.11	0.11	0.12	0.12	0.11	0.21
1966/67	0.10	0.10	0.28	0.45	0.15	0.13	0.11	0.12	0.10	0.11	0.09	0.09	0.15
1967/68	0.07	0.17	0.14	0.44	0.17	0.22	0.20	0.20	0.20	0.20	0.21	0.20	0.20
1968/69	0.02	0.23	0.30	1.02	0.21	0.14	0.11	0.10	0.11	0.11	0.12	0.11	0.22
1969/70	0.09	0.05	0.37	0.15	0.26	0.11	0.11	0.11	0.12	0.13	0.14	0.12	0.15
1970/71	0.08	0.22	0.16	0.35	0.42	0.11	0.07	0.20	0.21	0.20	0.20	0.28	0.21
1971/72	0.26	0.43	0.43	0.82	0.91	0.39	0.38	0.32	0.32	0.32	0.30	0.30	0.43
1972/73	0.25	0.19	0.19	0.34	0.52	0.22	0.15	0.14	0.15	0.16	0.16	0.12	0.22
1973/74	0.05	0.09	0.26	0.19	0.42	0.57	0.22	0.21	0.20	0.23	0.23	0.22	0.24
1974/75	0.21	0.20	0.26	0.40	0.41	0.24	0.18	0.18	0.20	0.21	0.20	0.17	0.24
1975/76	0.16	0.16	0.16	0.28	0.38	0.34	0.63	0.27	0.25	0.12	0.24	0.22	0.27
1976/77	0.22	0.31	0.18	0.25	0.24	0.18	0.15	0.14	0.14	0.14	0.15	0.15	0.19
1977/78	0.13	0.12	0.41	0.87	0.38	0.50	0.36	0.26	0.23	0.22	0.21	0.19	0.32
1978/79	0.17	0.16	0.52	0.33	0.32	0.56	0.36	0.29	0.27	0.24	0.22	0.20	0.30
1979/80	0.18	0.21	0.29	0.24	0.22	0.24	0.21	0.19	0.19	0.20	0.19	0.17	0.21
1980/81	0.16	0.17	0.17	0.23	1.14	0.87	0.49	0.41	0.36	0.35	0.32	0.27	0.41
1981/82	0.21	0.21	0.44	0.32	0.62	0.29	0.23	0.22	0.22	0.23	0.23	0.21	0.29
1982/83	0.22	0.31	0.18	0.27	0.24	0.18	0.15	0.14	0.14	0.14	0.15	0.15	0.19
1983/84	0.14	0.13	0.16	0.18	0.20	0.16	0.13	0.12	0.13	0.12	0.12	0.10	0.14
1984/85	0.03	0.06	0.58	0.49	0.43	0.18	0.12	0.13	0.13	0.13	0.12	0.12	0.21
1985/86	0.10	0.39	0.62	0.29	0.51	0.18	0.20	0.16	0.12	0.15	0.14	0.12	0.25
1986/87	0.13	0.20	0.28	0.41	0.19	0.21	0.20	0.19	0.19	0.19	0.20	0.20	0.22
1987/88	0.20	0.20	0.20	0.20	0.22	0.25	0.20	0.34	0.34	0.34	0.34	0.34	0.26
1988/89	0.20	0.20	0.28	0.56	2.14	0.05	0.02	0.01	0.01	0.01	0.02	0.03	0.30
1989/90	0.12	0.13	0.12	0.12	0.15	0.13	0.13	0.12	0.11	0.11	0.10	0.10	0.12
1990/91	0.09	0.10	0.10	0.09	0.12	0.10	0.07	0.09	0.09	0.09	0.09	0.09	0.09
MEAN	0.14	0.19	0.36	0.40	0.47	0.26	0.20	0.18	0.18	0.18	0.17	0.16	0.24

ST.: 4-958 URUAFF FARM (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	0.47	0.47	0.57	0.34	0.77	0.48	0.47	0.47	0.47	0.47	0.47	0.47	0.49
1960/61	0.47	0.47	0.47	1.67	0.53	0.56	0.48	0.47	0.47	0.47	0.47	0.47	0.58
1961/62	0.47	0.47	0.47	0.47	0.19	0.34	0.48	0.48	0.47	0.47	0.47	0.47	0.44
1962/63	0.47	0.47	4.51	0.63	1.74	0.18	0.02	0.23	0.48	0.48	0.47	0.47	0.85
1963/64	0.47	0.47	0.46	1.44	1.21	0.01	0.02	0.17	0.02	0.03	0.02	0.02	0.36
1964/65	0.47	0.47	1.17	2.24	0.35	0.19	0.47	0.47	0.47	0.47	0.47	0.47	0.64
1965/66	0.47	0.48	0.52	0.43	1.67	0.27	0.47	0.47	0.47	0.47	0.47	0.47	0.56
1966/67	0.47	0.47	0.58	1.38	0.25	0.18	0.35	0.04	0.03	0.03	0.02	0.02	0.32
1967/68	0.03	0.11	0.09	0.09	0.17	0.08	0.04	0.02	0.02	0.02	0.07	0.04	0.06
1968/69	0.00	0.16	0.14	0.68	0.71	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.17
1969/70	0.04	0.02	0.76	0.10	0.08	0.03	0.01	0.03	0.05	0.00	0.00	0.47	0.13
1970/71	0.03	0.29	0.17	0.88	0.39	0.15	0.07	0.20	0.00	0.00	0.00	0.00	0.18
1971/72	0.48	0.48	0.47	0.98	1.55	0.35	0.05	0.04	0.00	0.00	0.00	0.00	0.37
1972/73	0.02	0.13	0.44	0.09	3.68	0.05	0.02	0.03	0.10	0.01	0.01	0.07	0.39
1973/74	0.01	0.01	0.69	1.60	6.08	1.52	0.03	0.02	0.00	0.00	0.03	0.02	0.84
1974/75	0.09	1.20	1.20	0.65	0.34	0.04	0.00	0.01	0.00	0.00	0.00	0.03	0.30
1975/76	0.05	1.05	0.02	0.00	0.05	1.03	3.61	0.00	0.00	0.00	0.04	0.04	0.49
1976/77	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.03	0.02	0.02	0.01
1977/78	0.08	0.05	1.48	3.46	0.97	0.55	0.29	0.04	0.01	0.00	0.00	0.00	0.58
1978/79	0.00	0.00	0.82	0.01	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.07
1979/80	0.47	0.16	0.37	0.04	0.38	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.12
1980/81	0.03	0.02	0.08	1.13	4.50	2.60	0.03	0.01	0.00	0.00	0.00	0.00	0.70
1981/82	0.00	0.02	0.00	0.21	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1982/83	0.05	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1983/84	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1984/85	0.00	0.00	0.02	0.02	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1985/86	0.00	0.00	0.13	1.12	0.05	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.11
1986/87	0.03	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1987/88	0.01	0.01	0.01	0.11	0.06	0.61	0.01	0.00	0.00	0.00	0.00	0.00	0.07
1988/89	0.00	0.00	0.00	0.27	8.85	0.54	0.49	0.00	0.00	0.00	0.00	0.00	0.85
1989/90	0.00	0.00	0.23	0.74	0.44	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.12
1990/91	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
MEAN	0.16	0.24	0.50	0.66	1.10	0.32	0.23	0.10	0.10	0.09	0.10	0.11	0.31

ST.: 5-030 EXCHANGE FARM (32 Years)

MONTHLY DISCHARGE (m3/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	0.02	0.02	1.02	0.39	0.39	0.11	0.03	0.04	0.03	0.03	0.02	0.02	0.18
1960/61	0.04	0.06	0.04	0.46	0.55	0.69	0.16	0.05	0.04	0.04	0.03	0.02	0.18
1961/62	0.02	0.03	0.06	0.36	0.78	0.84	0.21	0.11	0.08	0.07	0.05	0.03	0.22
1962/63	0.02	0.08	1.35	0.36	2.04	1.13	0.21	0.12	0.11	0.09	0.06	0.04	0.47
1963/64	0.02	0.02	0.18	0.38	0.53	0.11	0.02	0.02	0.02	0.03	0.02	0.02	0.11
1964/65	0.01	0.02	0.23	0.76	0.48	0.16	0.05	0.02	0.03	0.03	0.03	0.03	0.15
1965/66	0.02	0.30	0.03	0.06	0.38	0.14	0.03	0.02	0.02	0.02	0.02	0.01	0.09
1966/67	0.05	0.05	0.20	0.48	0.29	0.27	0.07	0.05	0.03	0.03	0.02	0.02	0.13
1967/68	0.03	0.11	0.08	0.09	0.51	0.08	0.04	0.02	0.02	0.02	0.07	0.04	0.09
1968/69	0.02	0.16	0.22	0.15	0.08	0.19	0.07	0.02	0.01	0.01	0.01	0.05	0.08
1969/70	0.04	0.03	0.53	0.20	0.12	0.03	0.01	0.03	0.05	0.01	0.06	0.06	0.10
1970/71	0.03	0.18	0.16	0.35	0.42	0.11	0.07	0.20	0.21	0.20	0.20	0.28	0.20
1971/72	0.13	0.19	0.05	0.61	0.56	0.14	0.08	0.04	0.04	0.04	0.03	0.02	0.16
1972/73	0.02	0.13	0.04	0.07	0.06	0.07	0.02	0.03	0.10	0.01	0.01	0.07	0.05
1973/74	0.03	0.06	0.05	0.18	0.65	0.70	0.12	0.08	0.05	0.04	0.03	0.02	0.17
1974/75	0.09	0.15	0.42	0.77	1.28	0.47	0.14	0.07	0.07	0.06	0.05	0.03	0.30
1975/76	0.05	0.10	0.07	0.16	0.34	1.49	0.71	0.21	0.14	0.09	0.06	0.04	0.29
1976/77	0.03	0.04	0.09	0.05	0.13	0.39	0.08	0.03	0.03	0.03	0.02	0.02	0.08
1977/78	0.08	0.07	0.27	1.37	1.67	1.79	1.06	0.32	0.21	0.15	0.09	0.07	0.60
1978/79	0.04	0.05	1.46	0.23	0.51	0.64	0.13	0.07	0.06	0.17	0.04	0.03	0.28
1979/80	0.03	0.14	1.28	0.59	1.15	1.51	0.44	0.14	0.10	0.09	0.07	0.04	0.46
1980/81	0.03	0.03	0.10	0.43	3.06	1.14	0.37	0.28	0.12	0.09	0.07	0.04	0.48
1981/82	0.02	0.02	0.34	1.09	1.36	0.19	0.09	0.06	0.05	0.04	0.03	0.02	0.28
1982/83	0.04	0.02	0.05	0.45	0.20	0.04	0.02	0.01	0.01	0.01	0.01	0.05	0.08
1983/84	0.08	0.08	0.10	0.11	0.05	0.01	0.01	0.07	0.07	0.07	0.07	0.05	0.06
1984/85	0.03	0.03	0.46	0.08	0.93	0.07	0.03	0.02	0.02	0.02	0.02	0.01	0.14
1985/86	0.01	0.30	0.21	0.61	0.59	0.77	0.81	0.20	0.13	0.10	0.08	0.05	0.32
1986/87	0.04	0.03	0.23	0.56	0.13	0.05	0.02	0.01	0.01	0.01	0.02	0.02	0.10
1987/88	0.13	0.13	0.05	0.03	0.09	0.15	0.02	0.26	0.26	0.26	0.26	0.26	0.16
1988/89	0.14	0.13	0.20	0.59	5.03	1.61	0.45	0.18	0.12	0.09	0.06	0.04	0.72
1989/90	0.01	0.01	0.01	0.58	1.18	0.19	0.08	0.08	0.05	0.04	0.04	0.02	0.19
1990/91	0.01	0.01	0.03	0.63	0.44	0.26	0.12	0.07	0.05	0.05	0.05	0.03	0.15
MEAN	0.04	0.09	0.30	0.41	0.81	0.49	0.18	0.09	0.07	0.06	0.05	0.05	0.22

ST.: 5-940 LUANGWA BRIDGE (32 Years)

MONTHLY DISCHARGE (m³/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1959/60	0.5	0.4	244.4	398.4	766.4	1410.9	405.6	165.5	94.3	63.1	41.9	24.0	301.3
1960/61	11.5	11.6	57.7	636.7	1215.9	1845.9	713.0	268.2	142.3	103.2	72.7	48.6	427.3
1961/62	27.1	80.4	731.0	2856.8	3835.8	3048.7	1645.3	545.4	265.4	169.0	114.6	79.8	1116.6
1962/63	49.2	60.9	718.1	1548.7	2623.2	3086.7	1250.8	464.0	271.0	197.1	139.5	94.1	875.3
1963/64	61.2	112.5	337.2	1852.7	3035.4	1080.9	469.2	225.0	151.8	115.2	92.5	67.4	633.4
1964/65	49.9	40.8	136.9	1453.9	2283.4	1338.4	705.7	265.4	189.7	140.9	108.5	82.1	566.3
1965/66	61.0	55.8	157.6	451.7	1133.7	1206.3	260.5	148.3	103.3	62.6	39.6	21.9	308.5
1966/67	14.6	12.7	187.8	551.2	775.9	1385.6	894.3	283.7	161.8	124.3	100.2	77.8	380.8
1967/68	58.8	61.2	255.3	683.8	1084.0	1347.3	418.3	248.0	168.7	138.6	108.9	84.3	388.1
1968/69	67.1	69.1	204.8	924.0	1885.4	1809.0	1321.6	478.6	266.0	182.3	146.9	122.3	623.1
1969/70	52.9	53.5	540.1	1007.3	1975.6	896.5	442.0	225.5	156.0	120.0	94.5	78.5	470.2
1970/71	67.2	78.6	942.1	1672.3	3009.3	2003.9	639.4	319.1	198.4	147.9	115.0	88.3	773.5
1971/72	67.6	82.9	241.1	802.2	670.7	1092.0	514.4	280.4	177.5	138.1	115.8	97.2	356.7
1972/73	80.2	80.2	139.2	347.5	795.3	1100.8	541.0	279.6	183.5	138.6	111.4	82.9	323.4
1973/74	58.5	60.4	293.9	1125.3	2866.1	2862.2	1892.9	559.0	263.4	170.6	115.2	67.1	861.2
1974/75	8.3	10.5	374.4	1053.1	999.4	2130.2	839.9	409.6	169.4	11.8	2.7	0.5	500.8
1975/76	2.8	5.2	298.0	992.4	2017.0	3297.4	2162.3	694.3	376.6	122.9	7.5	1.3	831.5
1976/77	1.1	4.9	192.5	963.8	1088.8	1997.0	916.2	558.1	15.4	77.8	101.4	77.5	499.6
1977/78	56.6	52.3	310.7	1877.3	3218.6	5092.0	1903.0	512.3	262.5	171.0	90.7	39.7	1132.2
1978/79	18.8	21.3	1045.6	1038.1	1112.2	2400.9	1355.1	1009.6	1168.7	418.0	306.9	211.5	842.2
1979/80	70.5	85.1	579.7	640.9	1188.5	2231.6	1885.6	881.0	461.0	315.3	216.5	109.0	722.1
1980/81	73.7	61.6	449.3	788.2	2290.5	1840.4	496.0	338.5	159.1	114.5	83.3	62.4	563.1
1981/82	45.8	34.2	55.2	772.1	2176.4	933.2	365.4	232.0	108.6	75.0	50.5	37.1	407.1
1982/83	27.0	39.4	321.4	549.4	1959.3	729.1	331.8	149.8	89.4	68.4	49.1	38.4	362.7
1983/84	27.0	20.7	209.9	911.5	1025.9	995.9	399.7	186.2	122.7	93.7	67.0	49.4	342.5
1984/85	43.4	82.1	660.2	1332.6	3044.0	1457.8	957.3	335.4	213.9	150.0	116.1	85.9	706.6
1985/86	64.9	106.9	358.6	3346.5	2829.1	1883.4	1506.9	573.0	318.3	243.7	189.3	123.9	962.1
1986/87	99.3	116.0	665.2	1247.5	1237.0	921.0	539.9	251.5	180.9	148.0	127.4	100.3	469.5
1987/88	83.7	71.9	200.9	797.3	2465.0	1896.2	744.3	268.3	171.5	124.6	92.0	70.9	582.2
1988/89	53.6	51.2	134.7	1152.7	3297.5	2435.9	1756.5	469.0	263.0	172.5	120.9	58.5	830.5
1989/90	0.3	21.1	1159.2	4080.1	3728.0	4578.6	2152.9	1032.7	186.9	145.4	107.3	66.5	1505.4
1990/91	45.9	52.0	77.3	981.2	1138.7	597.8	783.3	298.1	184.6	132.8	113.9	65.9	372.6
MEAN	45.3	53.2	383.8	1238.7	1961.6	1904.2	975.3	404.8	226.4	143.7	105.0	72.3	626.2

ST.: 1-150 ZAMBEZI PUMP HOUSE (12 YEARS)

MONTHLY DISCHARGE (m³/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1979/80	98.3	141.5	634.8	2062.6	1747.4	2187.8	1847.8	1039.0	419.1	223.3	159.0	114.3	889.6
1980/81	91.0	119.6	187.7	278.8	1034.1	1464.5	2331.7	675.2	289.3	177.6	128.4	96.8	572.9
1981/82	75.3	79.5	120.2	230.4	461.5	1185.3	813.3	469.8	245.7	166.3	119.9	89.6	338.1
1982/83	78.3	106.0	256.8	361.8	589.3	641.2	552.3	317.4	179.8	126.2	92.3	68.2	280.8
1983/84	56.9	71.7	115.2	366.3	1431.8	1752.8	1050.4	433.9	74.0	125.6	87.7	66.2	469.4
1984/85	58.0	80.5	144.0	274.5	614.8	1471.3	1567.9	632.2	266.8	156.2	102.7	72.7	453.5
1985/86	57.9	64.1	80.8	166.9	558.1	1452.1	2311.1	624.4	241.4	148.6	103.6	74.0	490.3
1986/87	77.7	170.1	437.5	660.4	1238.1	1923.6	1193.5	502.4	268.8	174.6	120.7	87.5	571.2
1987/88	82.9	72.9	110.2	191.9	798.0	1536.2	1250.4	607.5	263.6	164.1	110.1	90.4	439.8
1988/89	70.4	104.3	183.9	614.7	1354.5	2041.0	2945.2	1429.0	503.6	266.6	168.1	115.1	816.4
1989/90	97.3	92.8	111.4	235.6	504.0	390.7	730.8	550.1	253.9	162.8	119.4	83.9	277.7
1990/91	71.5	70.9	133.1	484.6	2004.5	1437.4	1145.3	457.3	209.0	130.3	89.9	74.3	525.7
MEAN	76.3	97.8	209.6	494.0	1028.0	1457.0	1478.3	644.9	267.9	168.5	116.8	86.1	510.4

ST.: 1-650 KABOMPO BOMA (12 YEAR)

MONTHLY DISCHARGE (m³/s)

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1979/80	100.5	159.4	394.5	407.4	446.2	533.1	524.8	308.9	206.3	171.5	154.6	112.2	293.3
1980/81	94.2	115.6	221.7	279.2	399.8	613.6	604.2	271.7	156.4	50.1	30.7	44.7	240.2
1981/82	103.2	79.1	33.5	86.7	164.6	233.8	125.9	66.7	135.7	113.3	93.8	75.2	109.3
1982/83	78.2	104.1	240.7	232.0	327.0	309.5	429.5	233.8	154.6	117.9	100.4	79.6	200.6
1983/84	69.3	77.8	126.7	210.1	202.9	258.1	186.9	103.1	79.1	68.0	58.1	48.7	124.1
1984/85	52.9	65.9	93.1	153.5	289.0	339.2	412.0	101.6	79.3	99.5	83.8	66.7	153.0
1985/86	52.1	61.1	82.9	157.5	302.1	472.3	403.7	214.9	143.5	111.1	94.6	74.0	180.8
1986/87	83.8	169.0	213.4	216.5	532.8	629.8	357.9	233.8	159.5	119.3	105.1	90.0	242.6
1987/88	80.6	76.0	111.4	166.1	319.7	373.2	396.4	154.2	299.7	256.3	160.3	100.6	207.9
1988/89	72.3	95.6	147.3	208.2	293.4	242.2	298.0	161.3	103.7	86.8	72.3	55.6	153.1
1989/90	49.8	52.0	84.8	154.5	303.4	199.3	322.8	190.9	111.4	84.0	71.1	55.0	139.9
1990/91	51.4	45.6	91.0	229.9	415.1	399.8	330.1	146.6	108.3	95.2	84.1	64.3	171.8
MEAN	74.0	91.8	153.4	208.5	333.0	383.7	366.0	182.3	144.8	114.4	92.4	72.2	184.7