

METEO-HYDROLOGICAL DATA

3. MONTHLY METEOROLOGICAL DATA

METEOROLOGICAL DATA

1. Morogoro Agromet. Station Altitude 506 m

(1) Mean Maximum Temperature (°C)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1971	30.1	30.3	31.0	28.3	27.7	27.1	20.5	27.5	29.5	30.7	33.3	-1.0	-1.0
1972	31.1	30.9	29.7	28.7	28.0	26.4	26.6	28.2	29.1	30.2	30.6	31.5	29.3
1973	30.5	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	31.8	31.8	-1.0	31.2	-1.0
1974	34.6	33.8	32.1	28.6	28.2	26.8	26.7	22.1	29.0	30.3	32.8	34.1	29.9
1975	31.7	34.4	31.1	28.9	28.0	27.1	27.2	27.3	28.6	33.7	33.0	32.3	30.3
1976	-1.0	32.9	31.2	29.5	28.2	27.2	27.5	28.0	29.5	31.6	33.6	33.8	-1.0
1977	-1.0	31.0	30.7	28.7	28.8	28.1	28.5	28.3	29.7	31.6	31.3	30.5	-1.0
1978	30.4	31.9	31.1	29.9	28.4	27.6	28.1	28.9	30.9	32.5	31.7	29.3	30.1
1979	32.2	30.9	30.6	29.4	28.1	26.9	27.2	28.0	29.9	31.8	32.8	31.7	30.0
1980	32.2	31.8	31.7	31.0	28.6	28.0	27.8	27.3	30.3	32.1	31.5	29.8	30.2
1981	32.4	31.1	31.8	29.5	28.1	27.4	26.9	29.5	29.7	31.4	30.4	31.8	30.0
1982	33.6	33.7	33.5	29.1	28.4	28.3	27.9	28.4	29.7	29.8	33.2	30.5	30.5
1983	31.5	33.4	33.4	30.8	29.3	28.0	28.4	28.0	30.2	31.3	33.5	32.7	30.9
1984	30.4	31.0	31.5	29.5	27.9	27.5	26.9	27.3	30.3	31.7	29.7	31.7	29.6
1985	32.9	30.7	32.6	29.7	28.8	28.1	27.7	28.2	30.3	31.3	31.5	32.8	30.4
1986	31.3	33.7	31.4	30.1	28.3	27.8	27.4	28.5	28.7	32.0	31.5	30.8	30.1
1987	30.3	32.1	32.4	30.5	28.9	28.4	28.1	28.8	30.5	31.5	32.4	33.8	30.6
1988	33.7	33.0	32.4	30.5	29.7	28.7	28.8	28.9	29.7	32.2	31.8	31.5	30.9
1989	29.3	31.2	31.4	29.1	28.3	27.3	27.2	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	31.7	32.1	31.6	29.5	28.4	27.6	27.2	27.8	29.9	31.5	32.0	31.8	30.1

(2) Mean Minimum Temperature (°C)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1971	20.7	20.3	22.0	20.8	17.9	14.7	15.7	14.4	16.5	16.8	19.5	20.7	18.3
1972	21.4	20.7	20.3	20.0	19.5	14.9	15.2	14.6	16.8	19.0	20.3	19.7	18.5
1973	21.2	21.1	21.4	20.4	18.7	15.4	14.0	15.9	17.8	17.8	-1.0	20.6	-1.0
1974	18.5	21.2	19.5	20.3	19.0	16.4	15.6	15.0	15.3	17.2	20.3	21.0	18.3
1975	20.0	21.9	21.1	23.2	18.8	15.9	13.8	15.5	16.3	17.2	15.6	21.1	18.4
1976	-1.0	20.7	21.7	20.4	18.1	15.6	13.9	14.9	16.6	18.2	19.4	22.5	-1.0
1977	-1.0	20.3	20.3	20.5	19.1	15.1	15.2	16.2	17.2	18.6	19.9	10.9	-1.0
1978	21.3	21.3	21.3	20.0	17.8	16.3	14.0	15.8	16.8	15.4	20.1	20.7	18.4
1979	21.9	20.8	20.8	21.9	18.5	16.7	15.0	15.1	16.3	18.2	19.6	21.3	18.8
1980	21.9	20.7	20.7	20.6	19.1	14.2	15.2	16.2	16.1	18.0	22.0	20.8	18.8
1981	20.9	22.9	20.7	20.7	18.5	15.1	14.2	15.7	16.5	18.5	20.4	21.0	18.8
1982	21.9	22.0	20.1	18.2	18.9	16.8	15.8	16.7	17.4	19.3	20.1	21.3	19.0
1983	21.4	21.7	21.7	21.7	19.5	16.9	15.9	16.2	16.9	18.5	20.8	21.7	19.4
1984	20.9	20.6	26.2	20.2	18.5	15.9	16.8	15.9	15.9	17.9	20.1	21.0	19.2
1985	21.0	20.6	20.3	20.3	18.2	19.2	15.2	14.1	16.6	17.8	19.6	21.3	18.7
1986	20.8	20.5	20.6	20.2	19.6	15.3	14.2	15.4	16.5	18.9	20.5	21.5	18.7
1987	20.9	21.1	21.6	21.0	19.2	15.3	15.7	17.2	17.7	19.1	20.4	22.1	19.3
1988	22.3	22.2	21.8	21.3	18.5	18.5	16.6	10.3	17.8	18.8	20.6	21.1	19.2
1989	20.8	21.3	20.4	20.6	19.4	16.4	15.4	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	21.0	21.2	21.2	20.6	18.8	16.0	15.1	15.3	16.7	18.1	20.0	20.6	18.7

(3) Mean Temperature (°C)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1971	25.4	25.3	26.5	24.6	22.8	20.9	18.1	21.0	23.0	23.8	26.4	-1.0	-1.0
1972	26.3	25.8	25.0	24.4	23.8	20.7	20.9	21.4	23.0	24.6	25.5	25.6	23.9
1973	25.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	24.8	24.8	-1.0	25.9	-1.0
1974	26.6	27.5	25.8	24.5	23.6	21.6	21.2	18.6	22.2	23.8	26.6	27.6	24.1
1975	25.9	28.2	26.1	26.1	23.4	21.5	20.5	21.4	22.5	25.5	24.3	26.7	24.3
1976	-1.0	26.8	26.5	25.0	23.2	21.4	20.7	21.5	23.1	24.9	26.5	28.2	-1.0
1977	-1.0	25.7	25.5	24.6	24.0	21.6	21.9	22.3	23.5	25.1	25.6	20.7	-1.0
1978	25.9	26.6	26.2	25.0	23.1	22.0	21.1	22.4	23.9	24.0	25.9	25.0	24.2
1979	27.1	25.9	25.7	25.7	23.3	21.8	21.1	21.6	23.1	25.0	26.2	26.5	24.4
1980	27.1	26.3	26.2	25.8	23.9	21.1	21.5	21.8	23.2	25.1	26.8	25.3	24.5
1981	26.7	27.0	26.3	25.1	23.3	21.3	20.6	22.6	23.1	25.0	25.4	26.4	24.4
1982	27.8	27.9	26.8	23.7	23.7	22.6	21.9	22.6	23.6	24.6	26.7	25.9	24.8
1983	26.5	27.6	27.6	26.3	24.4	22.5	22.2	22.1	23.6	24.9	27.2	27.2	25.1
1984	25.7	25.8	28.9	24.9	23.2	21.7	21.9	21.6	23.1	24.8	24.9	26.4	24.4
1985	27.0	25.7	26.5	25.0	23.5	23.7	21.5	21.2	23.5	24.6	25.6	27.1	24.5
1986	26.1	27.1	26.0	25.2	24.0	21.6	20.8	22.0	22.6	25.5	26.0	26.2	24.4
1987	25.6	26.6	27.0	25.8	24.1	21.9	21.9	23.0	24.1	25.3	26.4	28.0	25.0
1988	28.0	27.6	27.1	25.9	24.1	23.6	22.7	19.6	23.8	25.5	26.2	26.3	25.0
1989	25.1	26.3	25.9	24.9	23.9	21.9	21.3	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	26.4	26.6	26.4	25.1	23.6	21.8	21.2	21.5	23.3	24.8	26.0	26.2	24.4

METEOROLOGICAL DATA

1. Morogoro Agromet. Station Altitude 506 m

(4) Relativi Humidity (%)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1971	53.0	58.0	52.0	75.0	63.0	50.0	52.0	41.0	41.0	39.0	32.0	41.0	49.8
1972	50.0	56.0	65.0	70.0	66.0	57.0	53.0	44.0	44.0	51.0	53.0	53.0	55.2
1973	62.0	58.0	52.0	72.0	64.0	53.0	45.0	45.0	38.0	34.0	-1.0	50.0	-1.0
1974	45.0	40.0	41.0	73.0	87.0	64.0	59.0	46.0	42.0	43.0	36.0	36.0	51.0
1975	49.0	39.0	58.0	73.0	67.0	59.0	50.0	48.0	46.0	34.0	38.0	48.0	50.8
1976	-1.0	55.0	60.0	62.0	64.0	55.0	49.0	42.0	42.0	38.0	35.0	39.0	-1.0
1977	-1.0	55.0	63.0	70.0	62.0	53.0	46.0	46.0	43.0	41.0	50.0	59.0	-1.0
1978	55.0	53.0	61.0	64.0	58.0	54.0	46.0	41.0	38.2	37.0	52.0	56.0	51.3
1979	53.0	58.2	64.0	73.5	65.0	59.0	51.0	48.0	43.0	39.0	39.0	19.0	51.0
1980	53.0	53.0	59.0	62.0	65.0	49.0	46.0	45.0	41.0	40.0	53.0	62.0	52.3
1981	50.0	52.0	53.0	71.0	63.0	55.0	48.0	47.0	45.0	44.0	55.0	60.0	53.6
1982	46.0	47.0	49.0	54.0	67.0	57.0	54.0	44.0	51.0	56.0	40.0	62.5	52.3
1983	59.0	53.0	57.0	65.0	65.0	59.0	50.0	48.0	39.0	40.0	38.0	47.0	51.7
1984	60.0	57.0	57.0	67.0	63.0	57.0	57.0	51.0	41.0	44.0	57.0	57.0	55.7
1985	51.0	59.0	55.0	70.0	63.0	54.0	51.3	45.0	40.0	45.0	47.0	49.0	52.4
1986	59.0	46.0	65.0	68.0	70.0	57.0	50.0	46.0	43.0	45.0	55.0	65.0	55.8
1987	61.0	54.0	57.0	66.0	69.0	54.6	53.0	47.0	43.0	46.0	48.0	46.0	53.7
1988	47.1	49.0	53.0	63.0	88.8	55.0	50.0	46.0	45.0	40.0	75.0	54.0	55.5
1989	66.0	48.0	59.0	69.0	68.0	60.2	54.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	54.1	52.1	56.8	67.8	67.3	55.9	50.8	45.6	42.5	42.0	47.2	50.2	52.7

(5) Sunshine Dulation (hr/day)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1971	7.0	7.2	7.7	4.9	6.6	7.9	6.5	8.7	6.9	8.4	10.0	8.1	7.5
1972	8.3	5.4	6.3	5.6	5.8	6.0	5.6	7.7	7.6	7.4	6.4	7.4	6.6
1973	5.9	7.2	8.1	4.9	5.4	6.8	7.7	5.9	7.2	9.2	-1.0	8.6	-1.0
1974	7.5	9.2	9.1	4.3	7.0	6.3	5.3	7.8	7.0	7.9	8.5	9.1	7.4
1975	6.9	9.1	6.7	5.8	5.7	6.0	6.7	6.1	5.8	7.5	9.6	7.6	7.0
1976	-1.0	6.8	6.5	6.2	5.5	6.3	7.3	6.4	7.2	8.3	9.9	9.1	-1.0
1977	-1.0	10.6	7.2	4.0	6.2	6.5	7.8	6.1	6.8	7.7	7.2	7.0	-1.0
1978	6.8	8.1	5.7	6.8	6.7	5.3	6.5	7.0	8.3	8.7	7.2	5.3	6.9
1979	6.3	-1.0	6.1	4.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	6.7	-1.0
1980	6.3	7.4	6.5	6.4	5.3	7.8	4.4	4.9	6.5	7.5	7.6	7.9	6.5
1981	7.6	7.7	6.5	5.1	4.5	6.7	6.1	6.6	7.0	8.2	6.8	6.7	6.6
1982	8.9	7.7	7.7	5.4	5.0	5.8	6.7	7.2	5.1	6.5	9.3	7.5	6.9
1983	7.8	7.7	6.0	5.4	5.8	-1.0	6.7	5.2	7.7	7.3	4.3	7.1	-1.0
1984	6.1	8.6	7.7	4.5	5.9	5.9	4.8	4.1	7.2	7.6	6.8	7.5	6.4
1985	8.7	4.6	7.7	5.9	5.9	7.6	6.1	6.3	6.7	7.6	7.9	8.6	7.0
1986	6.2	9.2	5.3	6.2	4.1	7.4	6.7	7.2	6.5	9.1	7.6	7.6	6.9
1987	7.7	8.5	7.3	5.7	5.7	6.4	6.3	6.6	6.4	7.2	7.5	8.9	7.0
1988	8.0	8.5	6.8	6.4	6.7	6.1	6.1	5.9	-1.0	-1.0	-1.0	-1.0	-1.0
1989	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	7.3	7.9	6.9	5.4	5.8	6.6	6.3	6.5	6.9	7.9	7.8	7.7	6.9

(6) Solar Radiation (l/day)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1971	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1972	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1973	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1974	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1975	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1976	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1977	-1.0	18.5	14.8	11.6	12.0	12.2	12.6	11.1	13.8	15.1	15.7	16.0	-1.0
1978	15.4	19.0	14.8	14.1	11.4	12.9	12.3	12.8	-1.0	16.3	14.9	13.8	-1.0
1979	15.4	15.7	13.6	12.9	10.5	9.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1980	15.4	16.6	13.9	13.3	10.8	11.4	9.4	11.3	13.3	13.7	-1.0	9.5	-1.0
1981	12.7	16.0	3.7	-1.0	-1.0	-1.0	9.9	11.3	12.9	13.7	16.8	17.5	-1.0
1982	16.6	17.3	14.5	12.1	9.4	10.4	10.6	11.6	12.2	10.5	17.6	16.0	13.2
1983	18.6	19.3	17.8	14.0	13.2	12.0	14.2	13.0	17.6	17.3	20.5	17.0	16.2
1984	19.0	20.0	18.9	14.3	15.2	13.8	13.3	12.5	17.3	17.3	17.0	19.8	16.5
1985	19.7	15.5	19.0	14.6	14.5	14.9	13.4	14.2	16.1	16.0	17.3	19.0	16.2
1986	16.1	20.4	16.1	15.0	11.8	14.6	14.5	15.6	15.7	18.8	18.3	18.8	16.3
1987	19.2	19.9	19.0	15.4	14.4	14.8	14.0	14.5	15.8	17.3	17.6	20.1	16.8
1988	19.5	19.6	17.6	15.9	14.7	13.8	14.3	14.1	16.5	18.6	18.9	17.4	16.7
1989	13.8	20.9	17.5	14.0	13.0	14.1	14.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	16.8	18.4	15.5	13.9	12.6	12.8	12.7	12.9	15.1	15.9	17.5	16.8	15.1

METEOROLOGICAL DATA

1. Morogoro Agromet. Station Altitude 506 m

(7) Wind Velocity (m/s)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1971	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1972	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1973	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1974	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1975	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	2.1	2.2	2.8	3.3	3.4	-1.0
1976	-1.0	2.5	2.1	1.7	1.0	1.2	1.8	2.4	2.6	3.3	3.3	4.3	-1.0
1977	-1.0	2.4	1.7	0.9	1.0	1.1	1.9	2.1	2.4	2.7	2.5	2.7	-1.0
1978	2.6	-1.0	1.7	1.1	1.1	1.1	1.5	2.3	-1.0	2.8	2.2	2.2	-1.0
1979	2.3	1.4	1.2	1.0	0.9	1.0	1.2	1.7	-1.0	2.5	2.8	2.5	-1.0
1980	2.3	2.2	1.5	1.1	0.8	1.1	1.7	1.9	2.6	2.8	-1.0	2.5	-1.0
1981	2.7	2.8	2.1	1.0	0.9	1.0	1.4	1.8	2.2	2.3	1.7	2.4	1.9
1982	3.6	3.2	2.2	1.2	0.9	1.2	1.3	2.0	1.9	1.9	3.0	2.5	2.1
1983	2.3	2.3	1.3	1.0	0.9	0.9	1.3	1.5	2.3	2.4	3.3	3.1	1.9
1984	1.9	1.9	1.5	1.0	0.9	1.0	1.1	1.4	1.9	2.3	1.7	2.7	1.6
1985	2.9	1.9	1.8	0.9	0.9	1.1	1.2	2.0	2.2	2.5	2.6	2.7	1.9
1986	1.8	1.8	1.2	0.9	0.8	0.9	1.2	1.6	2.0	2.6	2.1	2.2	1.6
1987	2.5	2.2	1.6	0.9	0.9	0.9	1.2	0.8	2.1	2.2	2.5	3.3	1.8
1988	2.9	3.1	2.6	1.1	1.0	1.0	1.4	1.4	2.1	2.4	2.9	2.8	2.1
1989	2.0	1.8	1.5	0.9	0.8	0.8	1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	2.5	2.3	1.7	1.0	0.9	1.0	1.4	1.8	2.2	2.5	2.6	2.8	1.9

(8) Evaporation (mm/day)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1971	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1972	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1973	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1974	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1975	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	4.40	5.10	6.80	8.50	7.40	-1.00
1976	-1.00	6.60	5.30	-1.00	-1.00	-1.00	-1.00	-1.00	6.70	7.70	9.20	10.10	-1.00
1977	-1.00	8.20	5.00	4.80	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	5.50	-1.00
1978	5.60	7.30	6.00	4.70	3.50	3.10	4.00	5.60	6.50	7.50	6.90	4.50	5.43
1979	5.20	-1.00	2.50	4.30	2.90	2.80	2.80	3.50	4.90	5.70	6.90	5.40	-1.00
1980	5.20	5.60	4.50	5.50	3.90	4.20	3.60	4.00	5.90	6.70	-1.00	5.70	-1.00
1981	6.00	7.40	7.00	2.70	3.50	3.10	2.90	3.10	5.30	5.60	3.80	3.70	4.51
1982	7.70	6.90	7.80	4.70	3.10	3.10	3.00	4.40	4.80	4.50	7.00	4.30	5.11
1983	4.50	5.80	4.90	3.80	2.60	2.70	3.60	3.10	5.80	5.90	7.50	7.70	4.83
1984	4.30	5.90	5.70	3.10	3.10	2.80	3.20	2.40	5.90	6.10	5.30	6.40	4.52
1985	6.50	4.90	5.80	3.50	3.00	3.30	3.20	4.20	5.60	6.30	6.10	6.90	4.94
1986	4.90	6.50	4.30	3.10	2.90	2.90	3.40	4.50	5.00	6.90	5.90	5.30	4.63
1987	5.60	6.10	5.90	3.90	2.90	2.80	3.40	4.50	5.70	6.20	6.60	7.90	5.13
1988	7.20	8.80	7.10	4.10	3.40	3.20	4.30	4.70	5.50	7.10	7.00	5.70	5.68
1989	5.50	7.10	5.20	3.30	2.70	2.70	3.20	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MEAN	5.68	6.70	5.50	3.96	3.13	3.06	3.38	4.03	5.59	6.38	6.73	6.18	5.03

METEOROLOGICAL DATA

2. Kibaha Agromet. Station Altitude 150 m

(1) Mean Maximum Temperature (°C)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1975	31.9	32.9	32.0	29.1	29.7	27.8	28.3	28.9	28.4	30.0	32.2	-1.0	-1.0
1976	31.6	32.6	31.5	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1977	-1.0	31.2	30.9	29.3	28.7	28.9	-1.0	29.7	30.0	31.7	30.2	30.4	-1.0
1978	30.7	32.1	31.4	29.9	29.0	28.4	28.9	30.1	30.8	31.7	30.8	28.7	30.2
1979	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1980	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	29.8	30.0	-1.0
1981	31.2	29.5	31.6	31.2	29.0	29.1	28.8	29.1	30.0	31.0	31.8	29.6	30.2
1982	44.8	34.5	34.2	30.1	28.8	28.2	28.1	28.7	-1.0	-1.0	-1.0	30.7	-1.0
1983	30.7	35.1	32.9	31.6	31.2	29.0	29.2	29.4	29.6	29.8	-1.0	-1.0	-1.0
1984	33.3	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1985	-1.0	-1.0	-1.0	-1.0	28.1	-1.0	-1.0	28.1	29.6	30.3	30.8	-1.0	-1.0
1986	30.2	32.8	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	30.9	-1.0
1987	29.2	-1.0	32.6	31.5	29.4	29.5	30.5	29.4	30.6	31.4	32.4	-1.0	-1.0
1988	-1.0	33.3	32.9	30.7	30.1	28.4	29.3	29.6	30.3	31.9	31.7	30.5	-1.0
1989	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1990	-1.0	-1.0	-1.0	29.0	29.1	29.5	29.2	27.3	30.3	30.8	30.9	31.2	-1.0
1991	31.7	31.6	32.8	32.3	29.2	29.5	29.5	29.6	30.6	32.1	32.4	30.2	31.0
1992	32.0	32.1	32.3	30.1	29.3	28.6	28.2	30.6	28.9	30.6	29.5	29.9	30.2
MEAN	32.5	32.5	32.3	30.4	29.3	28.8	29.0	29.2	29.9	31.0	31.1	30.2	30.5

(2) Mean Minimum Temperature (°C)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1975	22.8	23.2	22.4	21.4	20.7	-1.0	17.1	17.5	18.3	18.7	20.2	-1.0	-1.0
1976	21.9	22.3	21.6	21.0	-1.0	18.4	17.8	17.4	17.9	19.1	20.2	22.3	-1.0
1977	22.3	22.3	22.2	21.7	20.8	18.6	-1.0	18.4	19.0	20.1	21.4	21.6	-1.0
1978	22.9	22.7	22.3	18.2	20.4	19.0	18.7	18.6	19.0	20.5	21.6	22.5	20.5
1979	22.3	23.2	22.5	22.1	-1.0	-1.0	18.6	18.1	19.1	20.4	-1.0	21.9	-1.0
1980	-1.0	22.7	23.7	-1.0	20.8	19.4	15.6	19.3	21.3	20.9	22.0	20.2	-1.0
1981	23.8	24.6	23.0	21.2	20.7	18.9	18.6	18.9	24.1	21.4	21.7	23.1	21.7
1982	23.5	45.8	22.9	22.2	21.1	20.3	25.0	18.9	-1.0	-1.0	-1.0	23.1	-1.0
1983	23.5	25.6	23.6	20.2	22.0	20.5	19.7	19.5	19.7	20.2	31.1	-1.0	-1.0
1984	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1985	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	18.8	-1.0	-1.0
1986	30.2	32.8	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	20.7	-1.0
1987	19.5	21.1	23.4	22.4	21.4	19.7	18.7	19.6	19.4	20.3	22.1	-1.0	-1.0
1988	-1.0	23.5	23.5	21.9	19.9	19.9	18.5	19.4	18.9	20.7	22.9	-1.0	-1.0
1989	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1990	-1.0	-1.0	-1.0	21.7	21.4	19.4	18.1	18.2	19.4	20.5	20.1	22.8	-1.0
1991	21.0	23.0	22.8	22.3	21.4	19.3	19.0	19.1	19.1	20.9	22.4	23.0	21.1
1992	23.2	23.3	22.9	22.0	21.0	19.5	18.7	18.0	18.9	19.3	20.9	21.5	34.5
MEAN	23.1	25.4	22.8	21.4	21.0	19.4	18.8	18.6	19.5	20.2	22.0	22.1	23.6

(3) Mean Temperature (°C)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1975	27.4	28.1	27.2	25.3	25.2	-1.0	22.7	23.2	23.4	24.4	26.2	-1.0	-1.0
1976	26.8	27.5	26.6	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1977	-1.0	26.8	26.6	25.5	24.8	23.8	-1.0	24.1	24.5	25.9	25.8	26.0	-1.0
1978	26.8	27.4	26.9	24.1	24.7	23.7	23.8	24.4	24.9	26.1	26.2	25.6	25.4
1979	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1980	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	25.9	25.1	-1.0
1981	27.5	27.1	27.3	26.2	24.9	24.0	23.7	24.0	27.1	26.2	26.8	26.4	25.9
1982	34.2	40.2	28.6	26.2	25.0	24.3	26.6	23.8	-1.0	-1.0	-1.0	26.9	-1.0
1983	27.1	30.4	28.3	25.9	26.6	24.8	24.5	24.5	24.7	25.0	21.9	-1.0	-1.0
1984	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1985	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	24.8	-1.0	-1.0
1986	14.5	14.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	25.8	-1.0
1987	24.4	-1.0	28.0	27.0	25.4	24.6	24.6	24.5	25.0	25.9	27.3	-1.0	-1.0
1988	-1.0	28.4	28.2	26.3	25.0	24.2	23.9	24.5	24.6	26.3	27.3	-1.0	-1.0
1989	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1990	-1.0	-1.0	-1.0	25.4	25.3	24.5	23.7	22.8	24.9	25.7	25.5	27.0	-1.0
1991	26.4	27.3	27.8	27.3	25.3	24.4	24.3	24.4	24.9	26.5	27.4	26.6	26.0
1992	27.6	27.7	27.6	26.1	25.2	24.1	23.5	24.3	23.9	25.0	25.2	25.7	32.3
MEAN	26.2	27.7	27.5	25.9	25.2	24.2	24.1	24.0	24.6	25.7	25.9	26.1	27.1

(4) Relative Humidity (%)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1975	54.0	48.0	66.0	82.0	70.0	63.0	51.0	45.0	54.0	56.0	54.0	-1.0	-1.0
1976	56.0	49.0	69.0	83.0	-1.0	64.0	59.0	51.0	58.0	60.0	49.0	51.0	-1.0
1977	57.0	56.0	-1.0	76.0	74.0	56.0	-1.0	52.0	55.2	51.5	70.0	69.0	-1.0
1978	63.0	61.0	70.0	78.0	71.0	62.0	53.0	48.0	50.0	52.0	70.0	70.0	62.3
1979	-1.0	70.0	72.0	80.0	-1.0	-1.0	56.0	55.0	50.0	57.0	-1.0	-1.0	-1.0
1980	56.6	65.0	70.0	70.5	66.0	57.7	15.5	57.7	56.2	49.0	67.0	68.3	58.3
1981	64.1	57.8	65.0	75.0	69.2	49.1	46.9	53.0	51.0	52.0	57.0	73.0	59.4
1982	49.9	47.6	60.0	76.8	66.5	76.5	61.9	57.8	-1.0	-1.0	-1.0	-1.0	-1.0
1983	66.0	87.0	66.0	-1.0	69.2	71.5	76.6	74.3	65.7	61.1	62.4	-1.0	-1.0
1984	63.6	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1985	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1986	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	85.2	-1.0
1987	62.6	56.2	63.2	67.2	71.2	66.2	56.2	58.2	52.2	55.2	58.2	-1.0	-1.0
1988	-1.0	55.2	56.0	54.0	65.0	65.0	51.0	54.0	55.0	54.0	60.0	64.0	-1.0
1989	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1990	-1.0	-1.0	-1.0	68.8	65.0	62.0	59.4	56.0	54.0	58.0	71.0	70.0	-1.0
1991	75.0	74.0	77.0	76.0	75.0	80.0	82.0	81.0	55.0	57.0	59.0	6.2	66.4
1992	58.0	58.0	58.0	70.0	70.0	69.9	-1.0	69.4	66.0	58.3	66.2	66.8	-1.0
MEAN	60.5	60.4	66.0	73.6	69.3	64.8	55.7	58.0	54.8	55.5	62.0	62.4	61.9

METEOROLOGICAL DATA

2. Kibaha Agromet. Station Altitude 150 m

(5) Sunshine Duration (hr/day)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1975	7.2	9.2	6.5	4.5	5.4	7.2	7.2	7.0	5.8	8.2	9.2	-1.0	-1.0
1976	8.9	8.2	4.3	5.0	-1.0	6.1	7.2	8.0	-1.0	-1.0	9.8	9.0	-1.0
1977	3.1	7.4	-1.0	5.0	5.7	8.1	-1.0	7.3	-1.0	8.9	6.6	5.1	-1.0
1978	7.1	6.7	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1979	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1980	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1981	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1982	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	6.5	-1.0
1983	7.4	10.5	5.1	4.0	4.5	5.5	7.3	5.1	7.0	7.7	9.2	-1.0	-1.0
1984	4.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1985	-1.0	-1.0	-1.0	-1.0	6.5	-1.0	-1.0	8.1	8.2	8.4	8.9	7.8	-1.0
1986	5.6	10.2	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	7.1	-1.0
1987	7.0	7.9	8.4	6.6	6.1	7.7	6.5	6.8	8.0	7.5	7.4	-1.0	-1.0
1988	-1.0	17.4	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1989	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1990	-1.0	-1.0	-1.0	4.9	7.5	6.8	6.7	6.3	7.0	7.6	6.9	7.7	-1.0
1991	6.8	8.7	6.9	7.7	4.7	6.7	6.1	6.1	6.5	7.5	8.2	4.9	6.7
1992	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	7.0	9.6	6.2	5.4	5.8	6.9	6.8	6.8	7.1	8.0	8.3	6.9	7.1

(6) Solar Radiation (l/day)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1975	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1976	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1977	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1978	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1979	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1980	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1981	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1982	-1.0	-1.0	-1.0	11.2	11.2	11.4	11.0	12.5	-1.0	-1.0	-1.0	13.9	-1.0
1983	13.3	18.7	11.6	12.4	11.3	16.2	14.1	13.3	16.2	16.1	19.1	-1.0	-1.0
1984	17.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1985	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1986	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	17.6	-1.0
1987	16.8	18.4	16.7	16.1	17.5	15.0	12.2	14.6	15.8	15.6	16.3	-1.0	-1.0
1988	-1.0	-1.0	16.7	15.9	15.6	13.1	13.5	12.3	14.4	17.2	15.3	16.2	-1.0
1989	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1990	-1.0	-1.0	-1.0	14.5	16.3	15.2	-1.0	12.4	14.5	16.5	16.6	17.8	-1.0
1991	15.7	18.9	15.7	18.0	13.4	15.5	13.3	14.0	17.1	18.7	17.9	14.9	16.1
1992	17.9	17.4	16.4	14.4	16.8	15.4	14.2	15.4	16.2	-1.0	17.3	15.7	-1.0
MEAN	16.1	16.3	15.4	14.6	14.6	14.5	13.0	13.5	15.7	16.8	17.1	16.0	15.5

(7) Wind Velocity (m/s)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1975	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1976	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1977	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	1.2	1.1	0.9	-1.0
1978	1.2	1.0	0.7	0.6	0.7	0.9	1.1	1.2	1.2	2.1	1.7	2.0	1.2
1979	1.4	1.8	1.4	1.2	-1.0	-1.0	1.6	1.6	1.9	-1.0	-1.0	-1.0	-1.0
1980	2.4	4.8	1.3	1.8	1.4	1.0	2.0	1.9	1.9	1.2	1.4	1.6	1.9
1981	1.3	1.8	1.5	1.0	1.3	1.4	1.7	1.5	1.5	1.8	1.4	1.0	1.4
1982	2.9	2.2	1.1	0.5	0.8	0.8	0.7	0.8	-1.0	-1.0	-1.0	1.0	-1.0
1983	1.1	1.3	0.5	0.6	0.8	0.8	1.0	1.5	1.4	1.5	1.7	-1.0	-1.0
1984	2.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1985	-1.0	-1.0	-1.0	-1.0	1.4	-1.0	-1.0	1.5	-1.0	1.6	1.5	1.2	-1.0
1986	1.4	1.6	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	1.5	-1.0
1987	1.9	2.0	1.6	1.3	1.4	1.5	1.6	1.7	1.7	1.9	1.9	-1.0	-1.0
1988	-1.0	1.6	1.4	0.9	1.1	0.9	1.4	1.5	1.6	1.6	1.4	1.2	-1.0
1989	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1990	-1.0	-1.0	-1.0	0.8	0.9	1.1	1.3	1.2	1.6	1.6	1.2	1.0	-1.0
1991	1.2	2.0	0.9	0.7	0.5	0.7	0.8	0.9	0.9	0.9	0.7	0.8	0.9
1992	1.1	0.8	0.6	0.3	0.3	0.2	1.0	0.5	0.6	0.6	0.6	0.4	0.6
MEAN	1.6	1.9	1.1	0.9	1.0	0.9	1.3	1.3	1.4	1.5	1.3	1.1	1.3

(8) Evaporation (mm/day)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1975	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1976	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1977	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	6.90	5.10	4.60	-1.00
1978	5.50	6.20	4.80	3.80	4.10	-1.00	-1.00	-1.00	6.60	6.70	5.10	4.60	-1.00
1979	4.10	4.70	4.60	3.90	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1980	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1981	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1982	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1983	-1.00	7.60	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1984	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1985	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	4.30	4.50	3.80	3.10	-1.00
1986	2.40	5.10	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1987	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1988	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1989	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1990	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1991	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
1992	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MEAN	4.00	5.90	4.70	3.85	4.10	-1.00	-1.00	-1.00	5.45	6.03	4.67	4.10	-1.00

METEOROLOGICAL DATA

3. Mikula Agromet. Station Altitude 80 m

(1) Mean Maximum Temperature (°C)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1970	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1971	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1972	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1973	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0

(2) Mean Minimum Temperature (°C)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1970	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1971	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1972	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1973	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0

(3) Mean Temperature (°C)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1970	28.0	28.3	28.3	27.1	26.2	26.3	25.2	26.2	24.9	27.1	28.5	28.9	27.1
1971	27.9	27.5	28.9	26.9	26.3	25.6	25.5	25.0	26.1	27.1	29.4	-1.0	-1.0
1972	28.2	28.3	28.6	26.6	26.0	23.9	24.4	25.1	26.6	27.4	27.6	28.2	26.7
1973	28.2	29.0	29.4	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	28.1	28.3	28.8	26.9	26.2	25.3	25.0	25.4	25.9	27.2	28.5	28.6	27.0

(4) Relative Humidity (%)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1970	81.0	82.6	81.7	81.8	78.7	71.7	73.6	70.9	75.7	66.8	64.2	70.7	75.0
1971	76.5	78.9	79.5	86.6	84.3	83.6	53.6	53.2	53.0	53.1	50.0	-1.0	-1.0
1972	56.5	56.7	-1.0	60.9	60.0	-1.0	51.8	50.1	51.2	-1.0	-1.0	-1.0	-1.0
1973	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	71.3	72.7	80.6	76.4	74.3	77.6	59.7	58.1	60.0	60.0	57.1	70.7	68.2

(5) Sunshine Duration (hr/day)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1970	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1971	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1972	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1973	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0

(6) Solar Radiation (l/day)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1970	13.7	16.4	17.3	15.2	14.3	14.0	12.0	13.4	15.5	16.9	16.1	16.3	15.1
1971	15.8	16.5	15.6	13.5	14.5	15.1	11.6	13.2	13.7	14.3	18.2	-1.0	-1.0
1972	16.5	14.6	15.9	13.0	13.1	14.5	12.6	13.1	15.3	16.0	16.3	17.2	14.8
1973	16.6	17.6	17.8	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	15.6	16.3	16.7	13.9	13.9	14.5	12.1	13.2	14.8	15.7	16.9	16.7	15.0

(7) Wind Velocity (m/s)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1970	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1971	-1.0	1.1	1.0	0.5	0.6	0.8	0.7	0.9	1.1	1.2	1.8	1.5	-1.0
1972	1.3	1.1	0.7	0.5	0.5	0.6	0.7	0.8	0.9	0.8	0.8	1.0	0.8
1973	1.1	0.8	0.8	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	1.2	1.0	0.8	0.5	0.6	0.7	0.7	0.9	1.0	1.0	1.3	1.3	0.9

(8) Evaporation (mm/day)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1970	4.91	4.35	5.70	4.33	3.98	4.94	4.53	4.94	4.20	5.79	7.45	5.95	5.09
1971	4.88	6.33	6.47	4.27	3.94	4.57	3.96	4.71	4.83	5.04	7.48	7.45	5.33
1972	7.00	4.94	4.86	4.30	3.61	5.29	3.25	3.44	5.00	5.33	4.71	7.60	4.94
1973	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
MEAN	5.60	5.21	5.68	4.30	3.84	4.93	3.91	4.36	4.68	5.39	6.55	7.00	5.12

METEOROLOGICAL DATA

4. JICA Experimental Farm Altitud 5.0 m

(1) Mean Maximum Temperature (°C)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1990	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	31.5	32.1	31.7	-1.0
1991	31.8	31.9	31.7	32.1	30.6	31.5	31.7	31.2	30.7	31.0	33.7	32.5	31.7
1992	32.3	30.0	31.1	27.3	30.6	24.4	21.5	24.4	30.8	31.5	31.4	31.6	28.9
1993	31.7	32.1	31.8	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	31.9	31.3	31.5	29.7	30.6	28.0	26.6	27.8	30.8	31.3	32.4	31.9	30.3

(2) Mean Minimum Temperature (°C)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1990	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	19.2	22.4	23.4	-1.0
1991	22.8	23.7	23.4	22.8	22.9	20.3	18.3	17.7	21.6	21.3	21.7	21.9	21.5
1992	21.3	20.4	22.3	20.3	22.2	17.3	15.9	15.7	16.3	18.0	20.1	21.7	19.3
1993	22.5	22.7	22.2	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	22.2	22.3	22.6	21.6	22.6	18.8	17.1	16.7	19.0	19.5	21.4	22.3	20.5

(3) Mean Temperature (°C)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1990	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	27.2	27.3	27.8	-1.0
1991	27.3	27.8	27.6	27.5	26.7	25.8	24.9	24.3	26.1	26.1	28.1	27.1	26.6
1992	26.8	25.2	26.7	22.1	26.4	19.9	18.4	19.8	23.5	24.5	26.1	26.8	23.9
1993	27.0	27.5	27.5	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	27.0	26.8	27.3	24.8	26.6	22.9	21.7	22.1	24.8	25.9	27.2	27.2	25.3

(4) Relative Humidity (%)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1990	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	89.8	76.9	72.7	-1.0
1991	68.6	66.3	64.5	61.6	46.0	44.0	37.2	33.5	35.9	58.7	48.0	48.6	51.1
1992	44.0	37.4	56.5	60.8	63.3	74.2	81.7	80.7	63.2	85.0	88.5	88.7	68.7
1993	88.0	89.0	87.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	66.9	64.2	69.3	61.2	54.7	59.1	59.5	57.1	49.6	77.8	71.1	70.0	63.4

(5) Sunshine Duration (hr/day)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1990	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	12.5	12.1	-1.0
1991	12.7	12.2	12.3	12.7	12.0	11.7	14.2	13.4	12.4	12.8	13.0	13.4	12.7
1992	12.7	12.6	12.2	12.1	12.4	12.0	12.4	12.5	12.6	12.6	12.7	12.7	12.5
1993	12.3	12.5	12.5	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	12.6	12.4	12.3	12.4	12.2	11.9	13.3	13.0	12.5	12.7	12.7	12.7	12.6

(6) Solar Radiation (l/day)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1990	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	13.9	14.1	-1.0
1991	14.6	17.6	14.6	13.8	8.8	11.1	11.3	12.7	14.3	15.1	15.3	12.2	13.4
1992	15.2	14.9	14.6	11.4	10.0	9.1	5.0	12.1	13.9	15.7	13.2	14.1	12.4
1993	14.5	16.3	14.5	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MEAN	14.8	16.3	14.6	12.6	9.4	10.1	8.2	12.4	14.1	15.4	14.1	13.4	12.9

(7) Wind Velocity (m/s)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1990	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1991	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1992	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1993	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
MEAN	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

(8) Evaporation (mm/day)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1990	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1991	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1992	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1993	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
MEAN	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

METEO-HYDROLOGICAL DATA

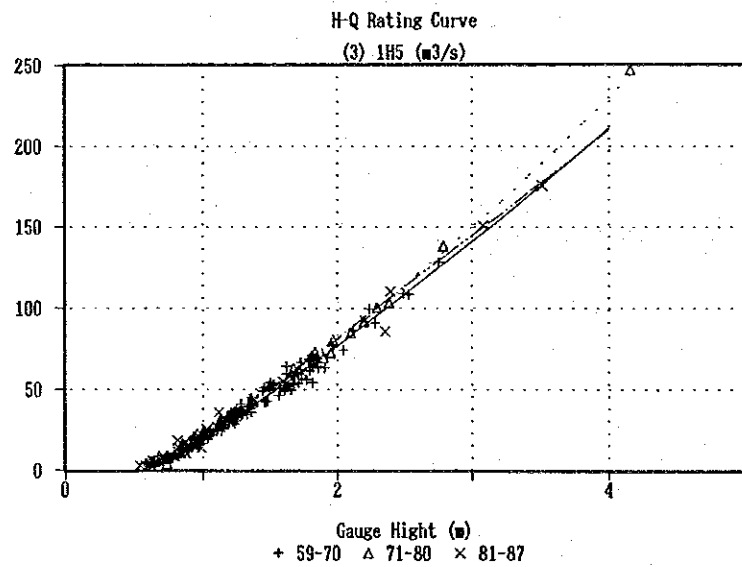
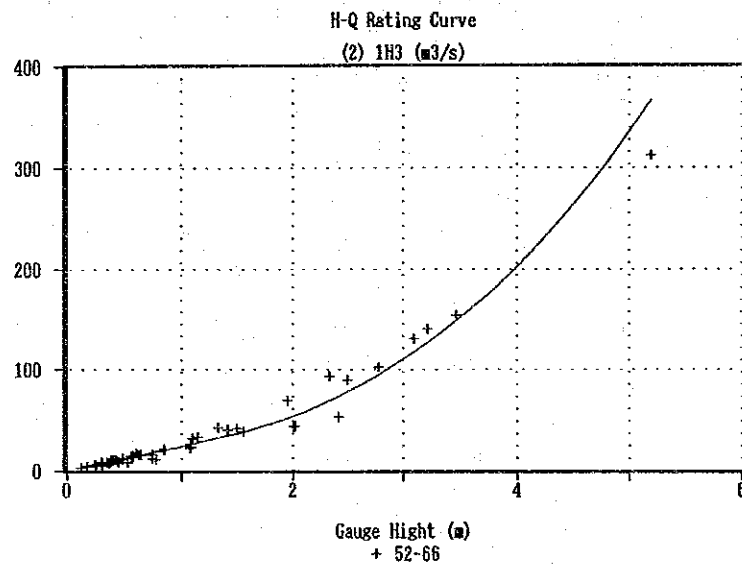
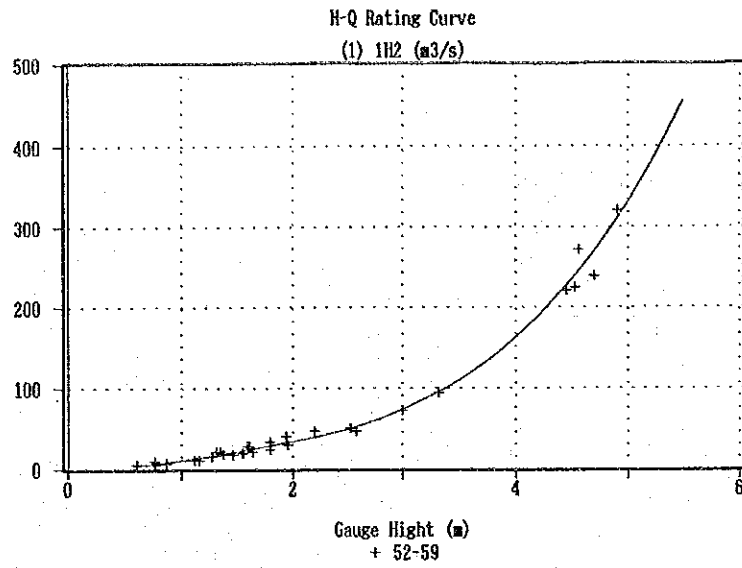
4. HYDROLOGICAL DATA

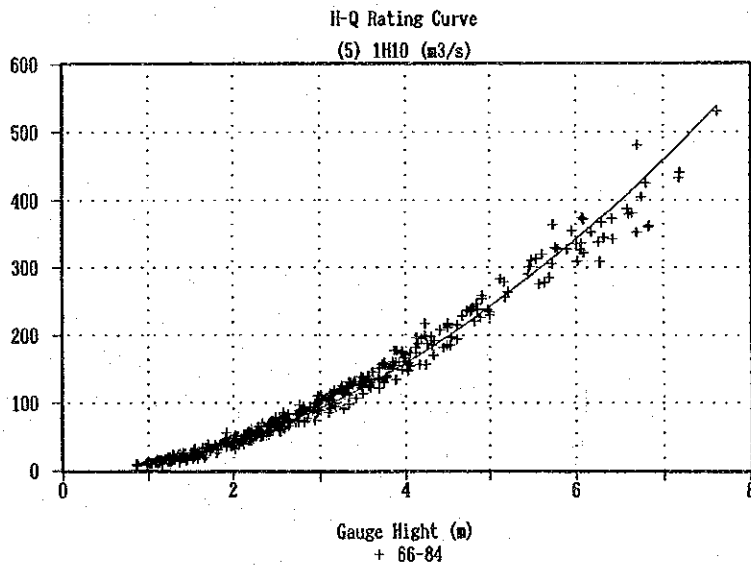
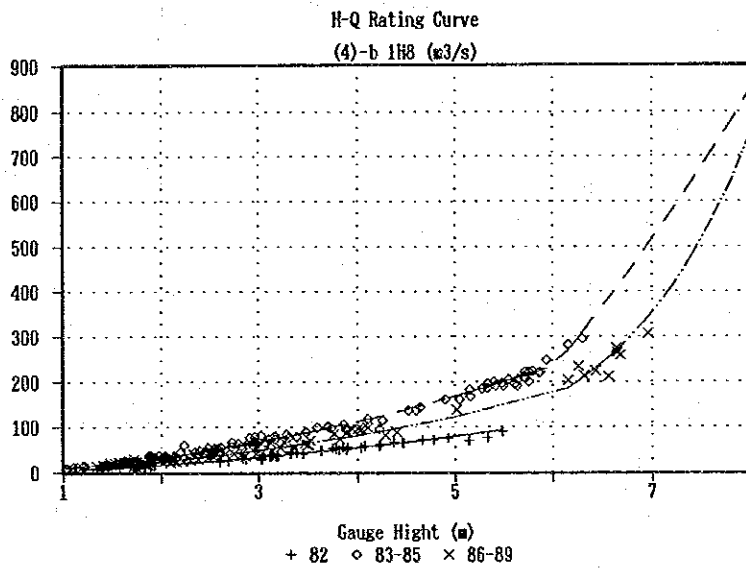
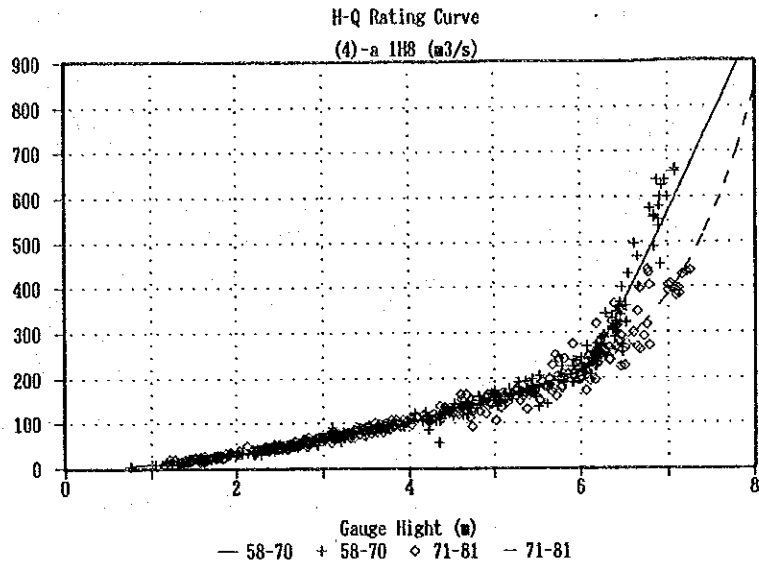
SUMMARY OF H-Q RATING CURVE COEFFICIENT

$Q=A \cdot H^B \cdot C$

STATION CODE	NAME OF STATION	AVAILABLE PERIOD	COEFFICIENT			L. W. L (m)	R (%)
			A	B	C		
1H2	Ruvu S. Estate	52-59	11.024	1.664		2.00	95.42
			1.030	3.543	23	6.00	97.46
1H3	Kidunda	52-66	24.124	1.035		1.60	96.17
			6.149	2.446	20	6.00	91.63
1H5	Kibungo	59-70	19.164	3.108		1.10	98.68
			40.621	1.254	-20	4.50	98.53
		71-80	23.063	3.497		1.10	96.86
			33.873	1.413	-10	4.50	99.80
		81-87	20.539	2.898		1.10	92.62
	51.788	1.107	-30	4.50	98.62		
1H8	Ruvu Bridge	58-70	8.228	1.815		6.11	99.08
			100.475	1.502	-1300	8.00	95.24
		71-81	9.064	1.766		6.11	98.81
			0.0000247	8.235	160	8.00	86.44
		82	5.017	1.717		6.11	99.64
		83-85	9.188	1.805		6.11	99.15
			25.034	1.951	-600	8.00	99.87
		86-89	6.728	1.797		6.11	88.52
0.00151	6.274		50	8.00	96.40		
1H10	Mikula	66-84	11.448	1.896		8.00	98.00
1HA1A	Utari Bridge	66-77	3.738	3.350		0.80	84.10
			3.624	1.614	-1	4.50	99.72
		80-85	7.776	2.948		0.80	97.67
			3.044	1.675	1.5	4.50	99.13
1HA5	Kilwa	53-60	3.355	2.243		1.50	95.34
			3.004	2.250		3.00	93.68
		61	2.398	2.662		1.50	99.44
			3.004	2.250		3.00	93.68
		62	0.565	6.812		1.50	98.73
			3.004	2.250		3.00	93.68
63-69	2.445	2.886		1.50	95.12		
	3.004	2.250		3.00	93.68		
1HA15	Mgera	68-73	4.166	1.489		1.50	98.46
			3.006	2.475		4.00	98.34
		74-77	2.462	2.798		1.50	96.91
			0.356	4.429	5	4.00	90.31
		78-79	1.636	2.884		1.50	95.09
			4.022	2.417	-5	4.00	97.52
		80-86	3.244	2.780		1.50	96.23
0.237	4.859		8	4.00	89.36		
87-92	0.697	2.409		1.50	91.73		
	2.873	2.769	-7	4.00	97.21		
1HB1	Kisaki	50-60.4	9.577	1.027		0.80	94.15
			31.974	0.633	-20	3.00	99.15
		60.5-63	7.263	1.451		0.80	77.17
			18.620	0.895	-10	3.00	97.61
1HB2	Mgeta	58-71.7	8.887	2.147		0.75	97.20
			7.954	3.685	2	1.50	98.84
		71.8-79	2.108	1.771		1.20	93.58
			3.869	2.362	-3	2.00	99.09
		80-90	13.981	2.960		0.75	98.92
	4.568	5.559	5		99.94		
1HC2	Mvuha	54-56	6.820	2.088		2.00	93.80
			7.885	1.881		3.50	99.89
		58-80	2.251	2.161		2.00	75.49
			7.961	1.861	-20	3.50	75.79
		81-84	5.026	2.826		2.00	95.06
	59.574	0.958	-80	3.50	99.84		

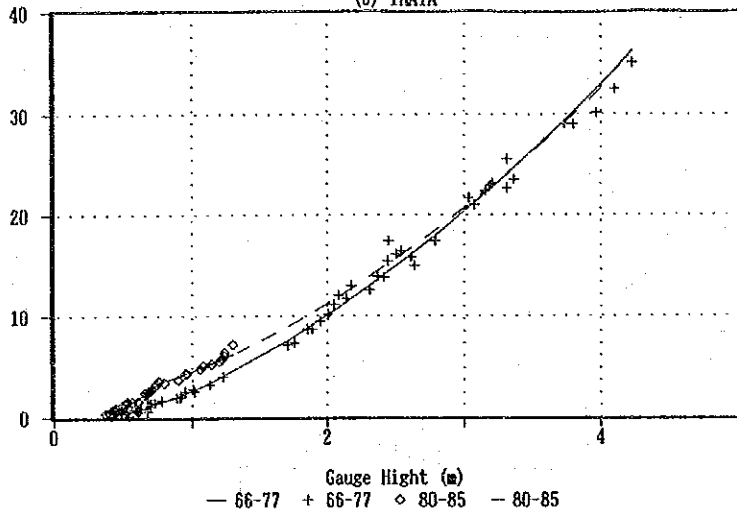
Note L. W. L. : Limit Water Level (m)
R : Correlation Coefficient (%)





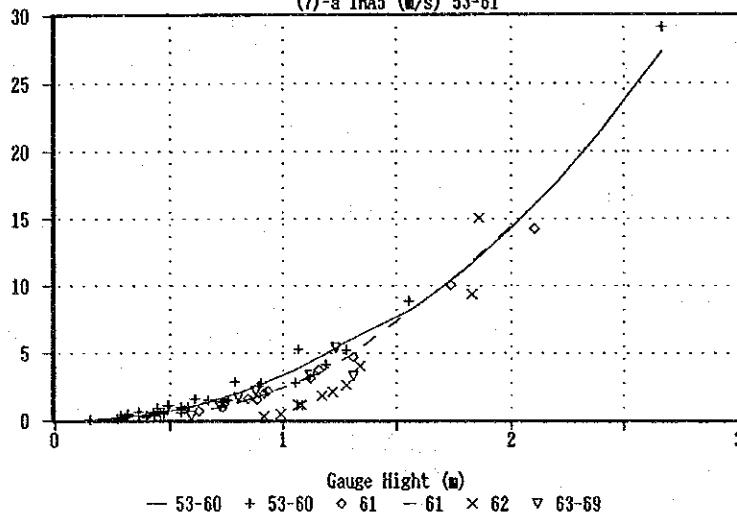
H-Q Rating Curve

(6) 1HA1A



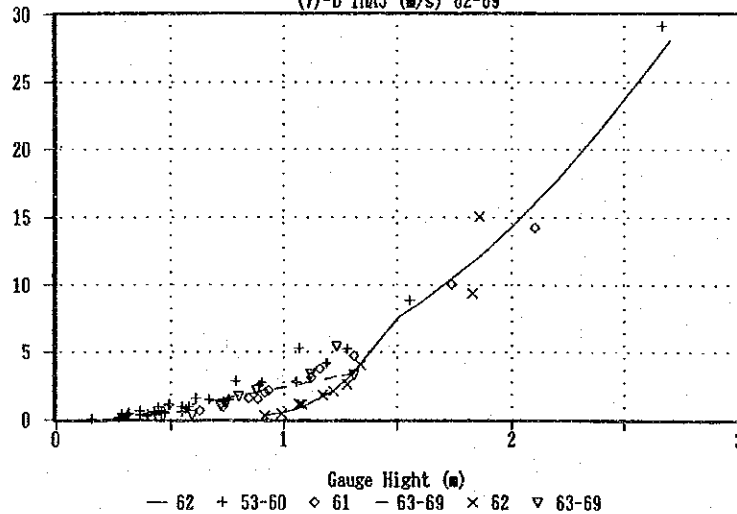
H-Q Rating Curve

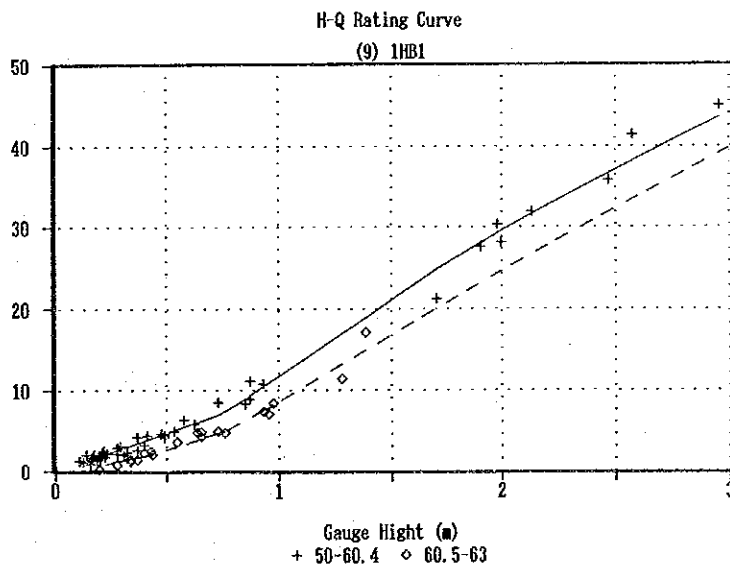
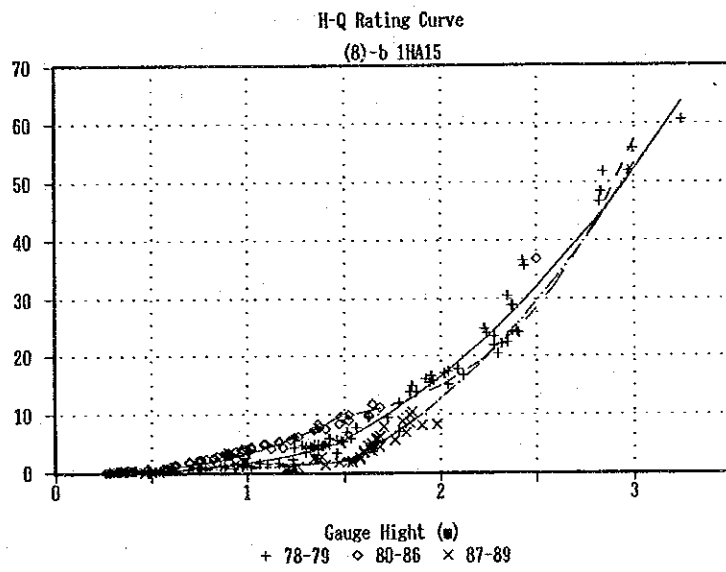
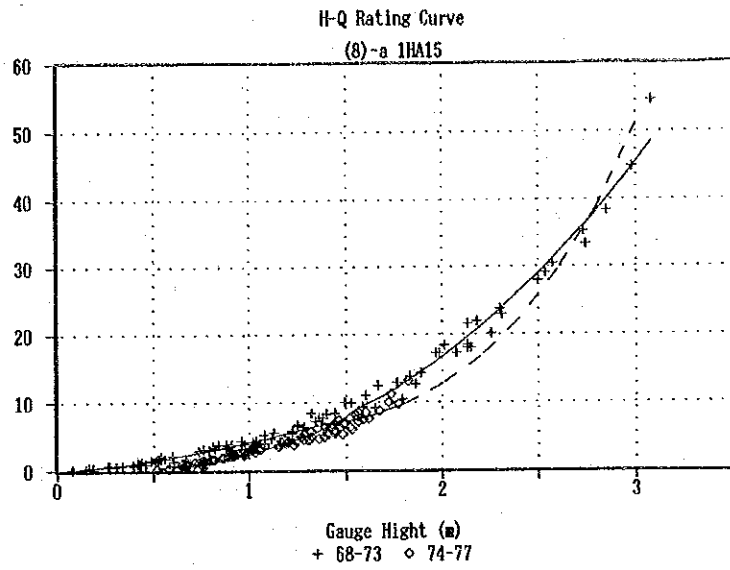
(7)-a 1HA5 (m/s) 53-61



H-Q Rating Curve

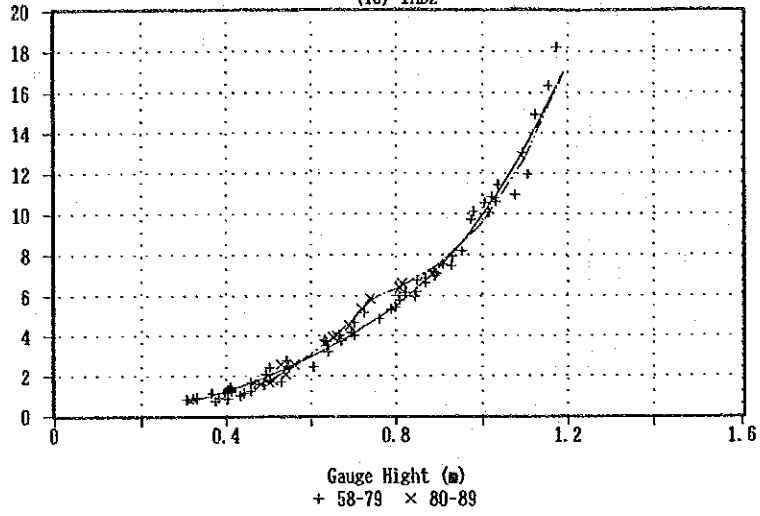
(7)-b 1HA5 (m/s) 62-69





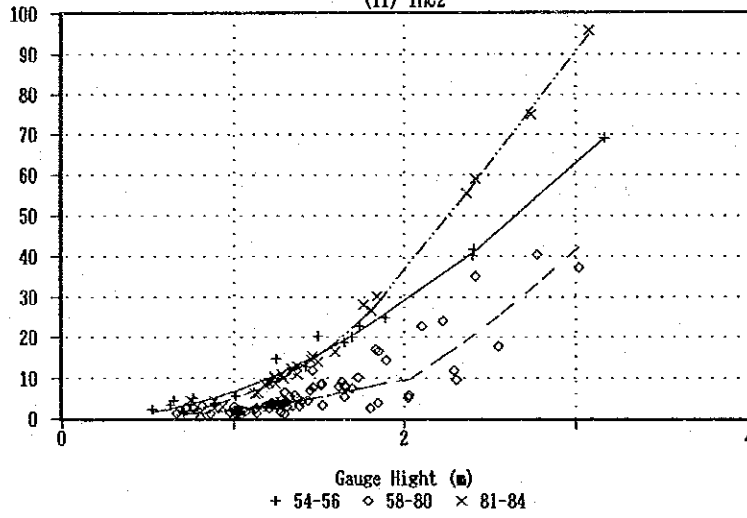
H-Q Rating Curve

(10) 1HB2



H-Q Rating Curve

(11) 1HC2



SUMMARY OF WATER LEVEL (m)

(1) 1H2

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1950	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.54	1.83	1.55	1.42	2.37	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	2.23	2.90	2.32	2.26	3.44	3.44
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.28	1.28	1.04	1.04	1.10	1.04
	MIS. D	31	28	31	30	31	30	31	0	0	0	0	0	0
1951	MEAN	1.56	2.74	2.25	4.10	4.33	2.74	2.05	1.32	0.98	1.09	2.95	3.32	2.45
	MAX.	2.04	3.99	3.23	4.51	4.51	3.78	2.74	1.48	1.16	2.29	4.48	4.02	4.51
	MIN.	1.26	1.37	1.74	2.53	3.93	2.19	1.49	1.13	0.82	0.70	1.34	2.47	0.70
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	MEAN	3.05	2.55	2.50	4.34	4.26	2.43	1.64	1.31	1.14	1.15	2.09	1.28	2.31
	MAX.	3.96	3.20	3.41	4.75	4.72	3.02	1.95	1.46	1.62	1.58	3.44	1.74	4.75
	MIN.	2.01	1.74	1.92	3.35	3.05	1.98	1.40	1.16	0.98	0.94	1.22	0.94	0.94
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	MEAN	1.26	0.83	1.20	3.48	4.65	3.10	1.76	1.39	1.53	1.41	1.51	1.52	1.98
	MAX.	1.65	1.16	3.05	4.59	4.79	4.36	2.10	1.62	1.92	1.77	2.44	2.96	4.79
	MIN.	0.88	0.70	0.67	2.44	4.42	2.13	1.45	1.25	1.22	1.19	1.07	1.04	0.67
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1954	MEAN	2.60	1.67	2.44	3.40	4.37	2.87	1.73	1.24	0.99	1.17	1.43	1.45	2.12
	MAX.	3.14	2.96	3.95	4.22	4.53	4.42	2.07	1.40	1.13	1.84	1.95	2.88	4.53
	MIN.	1.95	1.28	1.62	2.44	3.69	2.10	1.42	1.07	0.91	0.88	1.05	1.01	0.88
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	MEAN	0.97	3.03	2.38	4.40	4.81	4.25	2.75	1.92	1.31	1.12	1.73	1.84	2.53
	MAX.	1.98	4.18	4.02	4.77	4.92	4.80	3.47	2.65	1.49	1.75	2.57	3.17	4.92
	MIN.	0.76	1.37	1.54	2.59	4.68	3.34	2.16	1.47	1.16	0.89	1.14	1.08	0.76
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1956	MEAN	3.18	4.03	-1.00	4.59	4.57	3.46	2.09	-1.00	1.27	-1.00	1.65	0.93	-1.00
	MAX.	4.76	4.69	4.69	4.89	4.91	4.54	2.50	1.78	1.52	-1.00	3.00	2.29	4.91
	MIN.	2.00	2.83	3.15	3.40	3.96	2.54	1.80	1.55	1.13	-1.00	0.91	0.61	0.61
	MIS. D	0	0	16	0	0	0	0	14	0	31	0	0	0
1957	MEAN	2.17	3.28	2.79	4.45	4.89	3.24	2.27	1.70	1.52	1.71	2.52	3.55	2.83
	MAX.	4.15	4.82	4.42	4.82	5.15	4.48	2.58	2.62	3.20	3.00	3.57	4.30	5.15
	MIN.	1.52	1.68	1.62	4.18	4.57	2.59	2.04	1.22	1.25	1.25	1.80	2.65	1.22
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	MEAN	2.09	2.46	3.36	4.22	4.56	3.57	2.38	1.69	1.29	0.98	0.91	1.75	2.45
	MAX.	2.71	4.05	4.28	4.72	4.89	4.50	2.77	1.96	2.18	1.10	1.19	4.48	4.89
	MIN.	1.68	1.37	2.13	3.44	3.67	2.79	2.00	1.43	1.08	0.85	0.79	1.23	0.79
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	5	5
1959	MEAN	-1.00	-1.00	-1.00	-1.00	3.67	1.77	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	2.50	4.05	4.30	4.54	4.54	2.23	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	4.54
	MIN.	1.33	1.83	2.16	1.72	2.29	1.44	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.33
	MIS. D	9	11	13	7	2	0	31	31	30	31	30	31	226
TOTAL AVERAGE	MEAN	2.11	2.57	2.42	4.12	4.46	3.05	2.08	1.51	1.32	1.27	1.80	2.01	2.39
	MEAN MAX.	3.05	3.63	3.77	4.65	4.77	4.01	2.52	1.93	1.90	1.96	2.77	3.25	3.19
	MEAN MIN.	1.51	1.54	1.60	3.05	3.81	2.35	1.72	1.25	1.09	0.97	1.15	1.35	1.78
	DATA No.	8	8	7	8	9	9	8	8	9	8	9	9	7
	AB. MAX.	4.76	4.82	4.42	4.89	5.15	4.80	3.47	2.65	3.20	3.00	4.48	4.48	5.15
AB. MIN.	0.76	0.70	0.67	2.44	2.29	1.44	1.40	1.07	0.82	0.70	0.79	0.61	0.61	

SUMMARY OF WATER LEVEL (m)

(2) 1H3

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
1951	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.58	0.38	0.55	1.63	1.74	-1.00	
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.79	0.70	0.49	1.49	3.57	2.53	3.57	
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.70	0.49	0.27	0.24	0.58	1.13	0.24	
	MIS. D	31	28	31	30	31	30	25	0	0	0	0	0	0	206
1952	MEAN	1.46	1.45	1.30	3.08	3.14	1.10	0.67	0.50	0.43	0.42	1.07	0.44	1.25	
	MAX.	2.68	2.16	2.19	4.15	5.39	1.37	0.85	0.64	0.76	1.31	2.59	0.70	5.39	
	MIN.	0.82	0.76	0.88	1.95	1.40	0.88	0.55	0.37	0.27	0.24	0.55	0.27	0.24	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	MEAN	0.47	0.24	0.63	2.03	3.07	1.32	0.69	0.58	0.67	0.67	0.68	0.75	0.99	
	MAX.	0.88	0.43	2.35	2.95	4.51	2.38	0.94	0.85	1.13	1.07	1.46	1.92	4.51	
	MIN.	0.24	0.15	0.09	1.07	1.77	0.85	0.55	0.49	0.46	0.46	0.37	0.34	0.09	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1954	MEAN	1.28	0.80	1.39	1.77	2.80	1.21	0.58	0.47	0.33	0.48	0.64	0.66	1.04	
	MAX.	1.91	1.78	2.76	2.83	4.04	1.86	0.82	0.62	0.52	1.04	1.09	2.08	4.04	
	MIN.	0.81	0.46	0.69	1.13	1.98	0.84	0.52	0.40	0.27	0.27	0.30	0.33	0.27	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	MEAN	0.46	1.92	1.07	3.38	4.44	2.25	1.39	0.93	0.61	0.55	0.95	1.01	1.57	
	MAX.	1.40	3.03	2.39	4.30	6.16	3.41	1.93	1.48	0.84	1.43	2.21	1.98	6.16	
	MIN.	0.23	0.67	0.59	1.78	2.45	1.79	1.06	0.70	0.52	0.33	0.46	0.46	0.23	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1956	MEAN	1.68	2.29	2.30	4.14	3.05	1.67	0.98	0.66	0.48	0.36	0.80	0.60	1.58	
	MAX.	3.31	4.47	3.96	5.49	5.32	2.47	1.22	0.82	0.69	0.59	1.98	2.16	5.49	
	MIN.	0.94	1.31	1.51	1.95	1.98	1.22	0.79	0.53	0.39	0.27	0.34	0.27	0.27	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	MEAN	1.14	1.52	1.35	3.67	4.37	1.65	1.10	0.89	0.79	0.77	1.11	1.28	1.64	
	MAX.	3.57	3.81	2.23	5.62	5.75	2.22	1.28	1.22	2.51	1.36	1.69	3.35	5.75	
	MIN.	0.60	0.62	0.64	1.43	2.30	1.27	0.94	0.73	0.55	0.52	0.74	0.67	0.52	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	MEAN	0.78	1.25	1.96	3.48	3.24	1.78	1.00	0.71	0.51	0.38	0.43	0.93	1.37	
	MAX.	1.34	2.64	4.11	5.07	5.69	3.03	1.22	0.85	0.66	0.53	0.99	1.83	5.69	
	MIN.	0.54	0.46	0.77	1.75	1.84	1.22	0.81	0.61	0.43	0.30	0.24	0.53	0.24	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	MEAN	0.80	1.34	1.31	1.47	1.64	0.72	0.54	0.54	0.46	0.46	0.64	0.54	0.87	
	MAX.	1.61	3.02	2.72	2.90	2.37	0.91	0.91	1.39	0.81	1.01	1.62	1.21	3.02	
	MIN.	0.55	0.62	0.71	0.77	0.94	0.56	0.42	0.30	0.34	0.27	0.34	0.34	0.27	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	MEAN	1.27	0.77	2.05	4.33	2.09	1.30	0.88	0.57	0.40	0.43	0.38	0.16	1.22	
	MAX.	3.79	1.49	3.38	5.71	3.17	1.73	1.62	0.78	0.56	1.32	0.73	0.27	5.71	
	MIN.	0.24	0.49	0.72	2.32	1.28	1.06	0.66	0.44	0.30	0.26	0.26	0.11	0.11	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	MEAN	0.22	1.59	1.53	1.76	2.22	0.90	1.28	0.79	0.81	1.27	4.04	3.22	1.63	
	MAX.	0.71	2.84	2.28	3.91	3.30	1.20	2.35	1.12	1.92	2.57	5.79	6.21	6.21	
	MIN.	0.02	0.51	0.88	0.80	1.17	0.75	0.76	0.61	0.57	0.69	2.75	2.32	0.02	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	MEAN	4.37	2.16	3.37	3.09	3.18	1.48	1.08	1.15	0.99	0.69	0.91	1.29	1.98	
	MAX.	6.25	3.16	5.03	3.90	5.06	1.84	1.53	2.01	1.66	0.87	1.74	2.13	6.25	
	MIN.	2.44	1.69	2.37	2.07	1.87	1.19	0.87	0.82	0.77	0.56	0.57	0.66	0.56	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	MEAN	2.18	1.66	2.66	4.61	2.63	1.46	1.09	0.79	0.56	0.43	2.80	3.25	2.01	
	MAX.	3.52	2.07	4.16	5.26	4.40	1.93	1.42	1.13	0.66	0.56	6.84	5.14	6.84	
	MIN.	1.44	1.28	1.40	4.02	1.59	1.24	0.86	0.65	0.50	0.35	0.30	2.15	0.30	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	MEAN	2.85	1.89	2.69	5.00	2.69	1.87	1.44	1.27	1.08	1.24	0.96	0.92	1.99	
	MAX.	4.63	2.13	4.85	6.20	3.93	2.29	1.56	1.54	1.26	2.08	1.13	1.58	6.20	
	MIN.	2.15	1.60	1.70	3.51	2.09	1.57	1.34	1.16	0.97	0.93	0.82	0.81	0.81	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	MEAN	1.40	1.30	1.36	3.41	2.00	1.52	1.01	0.82	0.82	1.14	1.74	2.02	1.54	
	MAX.	2.67	2.06	2.39	4.73	3.57	2.55	1.13	0.96	1.71	1.93	3.04	2.80	4.73	
	MIN.	0.87	0.85	0.91	1.74	1.49	1.15	0.89	0.73	0.69	0.84	1.07	1.24	0.69	
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	MEAN	1.90	2.03	2.21	3.55	2.26	1.60	1.15	0.85	0.77	0.74	1.04	0.90	1.58	
	MAX.	3.71	2.87	3.49	5.36	2.97	2.18	1.53	1.12	1.31	1.54	1.63	1.19	5.36	
	MIN.	1.35	1.38	1.36	2.58	1.61	1.29	0.94	0.74	0.64	0.45	0.66	0.67	0.45	
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	MEAN	0.55	1.25	1.10	2.34	3.31	2.26	1.51	1.33	1.75	1.27	2.34	4.37	1.95	
	MAX.	0.68	2.19	2.12	3.70	4.66	3.92	2.27	2.47	2.76	2.38	5.52	6.54	6.54	
	MIN.	0.45	0.47	0.79	0.77	2.25	1.39	1.16	1.11	1.20	1.01	1.32	2.48	0.45	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	MEAN	2.75	1.83	3.34	5.95	3.68	2.87	1.90	-1.00	-1.00	1.60	2.09	2.24	-1.00	
	MAX.	3.49	2.43	5.56	6.52	5.63	3.88	2.26	1.66	1.88	1.78	3.61	3.85	6.52	
	MIN.	1.88	1.54	1.67	4.71	2.99	2.21	1.67	1.56	1.65	1.52	1.52	1.55	1.52	
	MIS. D	0	0	0	0	0	0	0	23	5	0	0	0	0	28
1969	MEAN	1.74	1.75	2.19	2.98	3.36	-1.00	1.72	1.61	-1.00	-1.00	-1.00	-1.00	-1.00	
	MAX.	2.01	1.98	3.54	4.98	5.49	2.27	1.95	2.00	-1.00	-1.00	-1.00	-1.00	5.49	
	MIN.	1.59	1.55	1.55	1.69	1.84	1.52	1.57	1.44	-1.00	-1.00	-1.00	-1.00	1.44	
	MIS. D	0	0	0	0	0	13	0	0	30	31	30	31	135	
TOTAL AVERAGE	MEAN	1.52	1.50	1.86	3.34	2.95	1.59	1.12	0.84	0.70	0.75	1.35	1.46	1.58	
	MEAN MAX.	2.68	2.48	3.31	4.64	4.52	2.30	1.49	1.21	1.19	1.38	2.62	2.64	2.54	
	MEAN MIN.	0.95	0.91	1.07	2.00	1.82	1.20	0.91	0.68	0.54	0.53	0.73	0.91	1.02	
	DATA No.	18	18	18	18	18	17	18	18	17	18	18	18	18	16
	AB. MAX.	6.25	4.47	5.56	6.52	6.16	3.92	2.35	2.47	2.76	2.57	6.84	6.54	6.84	
AB. MIN.	0.02	0.15	0.09	0.77	0.94	0.56	0.42	0.30	0.27	0.24	0.24	0.11	0.02		

SUMMARY OF WATER LEVEL (m)

(3) 1H5

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1952	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.98	0.67	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	2.19	1.80	1.19	2.19
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.37	0.70	0.43	0.37
	MIS. D	31	29	31	30	31	30	31	31	30	7	0	0	281
1953	MEAN	0.70	0.56	0.82	1.41	1.75	1.08	0.80	0.84	0.92	1.00	1.01	1.07	1.00
	MAX.	1.01	0.75	1.54	2.24	3.20	1.97	1.22	1.46	1.83	1.63	2.48	3.92	3.92
	MIN.	-0.61	0.47	0.47	0.79	1.23	0.82	0.68	0.67	0.70	0.71	0.71	0.67	0.47
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1954	MEAN	1.03	0.92	1.03	1.28	1.44	0.95	0.73	0.65	0.60	0.79	0.81	0.79	0.92
	MAX.	1.46	1.57	1.86	2.06	2.14	1.16	0.79	0.75	0.84	2.10	1.15	2.18	2.18
	MIN.	0.81	0.67	0.71	0.91	1.16	0.82	0.66	0.58	0.55	0.55	0.61	0.58	0.55
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	MEAN	0.63	0.95	0.77	1.35	1.63	1.13	0.96	0.79	0.67	0.66	0.88	0.97	0.95
	MAX.	1.02	1.57	1.02	1.82	2.34	1.37	1.30	1.15	0.88	1.29	1.52	1.80	2.34
	MIN.	0.52	0.66	0.64	0.94	1.11	0.98	0.82	0.70	0.61	0.55	0.61	0.64	0.52
	MIS. D	0	2	0	0	0	0	0	0	0	0	0	0	2
1956	MEAN	1.08	1.10	1.21	1.44	1.36	1.07	0.80	0.67	0.60	0.55	0.70	0.68	0.94
	MAX.	1.52	1.74	2.22	2.43	2.10	1.30	0.88	0.84	0.81	0.87	1.75	1.94	2.43
	MIN.	0.85	0.88	0.91	1.09	1.16	0.91	0.73	0.61	0.55	0.49	0.49	0.49	0.49
	MIS. D	1	0	0	0	0	0	0	0	0	0	0	0	1
1957	MEAN	0.81	0.93	0.77	1.46	1.52	0.90	0.76	0.74	0.68	0.68	0.78	0.87	0.91
	MAX.	1.23	1.48	1.20	4.62	2.71	1.05	0.85	1.11	1.51	1.01	1.02	1.20	4.62
	MIN.	0.64	0.76	0.61	0.78	1.07	0.78	0.71	0.64	0.58	0.55	0.61	0.70	0.55
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	MEAN	0.78	0.86	1.04	1.39	1.28	1.00	0.81	0.71	0.67	0.60	0.69	0.80	0.89
	MAX.	1.13	1.37	1.72	3.30	2.04	1.30	0.87	0.82	0.76	0.70	0.98	1.04	3.30
	MIN.	0.67	0.64	0.76	0.94	1.04	0.85	0.76	0.67	0.61	0.55	0.58	0.66	0.55
	MIS. D	0	0	0	1	0	0	0	0	0	0	0	0	1
1959	MEAN	0.81	0.81	0.84	1.01	1.04	0.75	0.68	0.70	0.66	0.75	0.78	0.74	0.80
	MAX.	1.23	1.02	1.11	2.61	1.65	0.82	0.82	1.10	1.00	1.51	1.34	0.95	2.61
	MIN.	0.61	0.67	0.70	0.67	0.82	0.70	0.61	0.58	0.58	0.58	0.64	0.64	0.58
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	MEAN	0.82	0.74	1.10	1.74	1.03	0.92	0.77	0.70	0.71	0.68	0.65	0.54	0.87
	MAX.	1.97	0.99	1.91	2.71	1.35	1.46	0.88	0.82	2.79	1.06	0.74	0.67	2.79
	MIN.	0.61	0.66	0.75	1.13	0.85	0.82	0.73	0.64	0.61	0.52	0.58	0.52	0.52
	MIS. D	1	0	0	0	0	0	0	0	0	0	0	0	1
1961	MEAN	0.55	0.88	0.92	1.00	0.96	0.77	0.97	0.79	0.87	1.06	2.03	1.19	1.00
	MAX.	0.73	1.34	1.19	2.30	1.23	0.96	1.55	0.91	1.60	1.93	4.04	1.42	4.04
	MIN.	0.49	0.55	0.73	0.68	0.82	0.70	0.73	0.71	0.70	0.79	1.30	1.05	0.49
	MIS. D	1	0	0	0	0	0	0	0	0	0	0	0	1
1962	MEAN	1.29	0.94	1.16	1.35	1.33	0.86	0.77	0.90	0.86	0.80	0.86	0.99	1.01
	MAX.	2.03	1.05	2.23	1.89	3.21	0.94	0.99	1.23	1.31	1.86	1.52	1.80	3.21
	MIN.	1.01	0.88	0.91	0.99	0.98	0.79	0.70	0.70	0.76	0.67	0.70	0.73	0.67
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	MEAN	1.24	0.98	1.19	1.61	1.04	0.87	0.77	0.70	0.63	0.57	1.52	1.16	1.02
	MAX.	2.49	1.17	2.18	2.63	1.60	1.33	0.90	0.84	0.68	0.61	3.92	1.58	3.92
	MIN.	0.94	0.87	0.88	1.16	0.88	0.79	0.70	0.64	0.61	0.55	0.52	0.91	0.52
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	MEAN	1.11	0.89	1.13	1.63	1.12	0.91	0.75	0.71	0.63	0.81	0.64	0.71	0.92
	MAX.	1.42	1.07	2.07	2.18	1.55	1.16	0.87	0.93	0.88	1.75	0.70	1.02	2.18
	MIN.	0.94	0.82	0.81	1.23	0.91	0.79	0.70	0.64	0.61	0.58	0.58	0.58	0.58
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	MEAN	0.74	0.71	0.80	1.54	1.07	0.88	0.73	0.65	0.69	0.93	1.17	1.16	0.92
	MAX.	1.07	0.91	1.23	2.62	2.74	1.13	0.98	0.79	1.21	2.41	2.23	1.65	2.74
	MIN.	0.58	0.58	0.61	0.94	0.84	0.77	0.67	0.61	0.59	0.70	0.86	0.92	0.58
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	MEAN	1.18	1.19	1.20	1.63	1.12	0.97	0.80	0.70	0.72	0.73	0.87	0.78	0.99
	MAX.	2.28	1.51	1.68	2.70	1.45	1.36	0.94	0.81	1.11	1.41	2.09	0.94	2.70
	MIN.	0.93	0.94	0.95	1.19	0.99	0.87	0.73	0.66	0.62	0.60	0.67	0.68	0.60
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	MEAN	0.62	0.88	0.75	1.07	1.33	1.11	0.98	0.90	1.15	0.91	1.28	1.87	1.07
	MAX.	0.68	1.66	1.04	1.50	2.17	1.74	1.79	1.30	2.11	1.13	2.69	3.44	3.44
	MIN.	0.56	0.59	0.65	0.65	1.02	0.87	0.80	0.80	0.88	0.80	0.92	1.21	0.56
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
1968	MEAN	1.15	0.93	1.11	-1.00	1.31	1.26	0.89	0.77	0.70	0.66	1.03	1.01	-1.00
	MAX.	1.65	1.36	1.48	2.59	1.58	2.13	1.07	0.82	0.94	0.93	1.75	1.50	2.59
	MIN.	0.94	0.82	0.88	1.98	1.16	0.99	0.82	0.73	0.66	0.61	0.63	0.80	0.61
	MIS. D	0	0	0	17	3	0	0	0	0	0	0	0	20
1969	MEAN	0.76	0.76	1.04	1.42	1.26	0.94	0.80	0.84	0.78	0.82	0.95	0.88	0.94
	MAX.	0.91	1.12	2.32	2.72	2.11	1.34	1.07	1.20	0.89	1.77	2.69	1.25	2.72
	MIN.	0.70	0.66	0.76	0.88	0.94	0.81	0.73	0.74	0.71	0.68	0.67	0.77	0.66
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	MEAN	0.92	1.08	1.11	1.45	1.01	0.80	0.70	0.65	0.76	0.68	0.61	1.16	0.91
	MAX.	1.31	1.53	1.92	2.92	1.20	0.94	0.73	0.77	1.65	1.04	0.75	3.42	3.42
	MIN.	0.76	0.82	0.93	1.16	0.87	0.73	0.68	0.61	0.61	0.61	0.34	0.56	0.34
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	MEAN	0.91	0.83	0.81	1.31	1.18	0.89	0.86	0.72	0.67	0.66	0.62	0.62	0.84
	MAX.	1.27	0.97	1.33	2.05	1.51	1.01	1.40	0.80	0.78	0.89	0.80	0.72	2.05
	MIN.	0.80	0.67	0.59	0.99	0.98	0.81	0.78	0.67	0.62	0.58	0.56	0.55	0.55
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	MEAN	0.92	0.68	0.88	1.31	1.43	0.94	0.79	0.69	0.80	0.95	1.13	1.10	0.97
	MAX.	1.32	1.17	1.38	2.02	2.34	1.16	1.07	1.08	1.41	1.32	1.77	1.38	2.34
	MIN.	0.68	0.59	0.64	0.85	1.08	0.81	0.72	0.63	0.62	0.70	0.85	0.90	0.59
	MIS. D	0	0	0	1	0	0	0	0	0	0	0	0	1
1973	MEAN	1.16	1.06	0.99	1.78	1.51	0.96	0.86	0.85	0.71	0.69	0.84	0.90	1.03
	MAX.	1.65	1.50	1.27	3.27	3.27	1.48	1.40	1.17	0.76	1.17	1.69	1.50	3.27
	MIN.	0.90	0.89	0.84	1.05	1.02	0.86	0.76	0.74	0.66	0.60	0.58	0.76	0.58
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0

SUMMARY OF WATER LEVEL (m)

(3) 1H5

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1974	MEAN	0.79	0.71	0.79	1.57	1.56	1.01	0.89	0.74	0.73	0.71	0.67	0.63	0.90
	MAX.	1.16	0.89	2.82	3.41	2.59	1.23	1.48	0.92	0.99	1.32	0.96	1.02	3.41
	MIN.	0.68	0.62	0.58	0.89	1.12	0.89	0.78	0.68	0.64	0.62	0.60	0.55	0.55
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	MEAN	0.74	0.58	0.81	1.20	1.19	0.90	0.82	0.69	0.73	0.77	0.66	0.84	0.83
	MAX.	1.10	0.85	1.28	1.80	2.30	1.08	1.08	0.78	1.05	1.28	0.80	1.68	2.30
	MIN.	0.62	0.51	0.58	0.94	0.94	0.82	0.72	0.64	0.61	0.64	0.60	0.60	0.51
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	MEAN	0.81	0.91	1.19	1.25	1.14	0.95	0.78	0.68	0.71	0.81	0.66	0.69	0.88
	MAX.	1.53	1.43	1.67	1.47	1.60	1.53	0.89	0.91	1.02	1.23	0.89	1.14	1.67
	MIN.	0.68	0.68	0.78	1.04	0.91	0.84	0.70	0.64	0.62	0.66	0.60	0.60	0.60
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	MEAN	0.93	0.79	0.85	1.09	1.00	0.79	0.68	0.65	0.77	0.76	1.00	1.42	0.89
	MAX.	2.53	1.26	1.16	1.80	1.89	0.92	0.80	0.91	1.84	1.09	1.73	3.03	3.03
	MIN.	0.67	0.68	0.68	0.83	0.84	0.70	0.62	0.60	0.56	0.64	0.70	0.86	0.56
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	MEAN	1.16	0.88	0.94	1.48	1.08	0.86	0.74	0.67	0.60	0.60	1.11	1.40	0.96
	MAX.	1.90	1.02	1.33	2.16	1.43	0.96	0.92	0.76	0.64	0.74	4.70	2.29	4.70
	MIN.	0.96	0.80	0.74	1.13	0.96	0.78	0.70	0.62	0.56	0.54	0.56	1.03	0.54
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	MEAN	1.12	1.19	1.48	2.16	1.51	1.16	0.85	0.76	0.78	0.77	0.83	0.86	1.12
	MAX.	1.39	2.17	2.39	3.80	2.67	1.98	1.07	0.88	1.41	1.29	1.45	1.51	3.80
	MIN.	0.99	0.98	0.98	1.36	1.18	0.90	0.78	0.71	0.67	0.64	0.65	0.66	0.64
	MIS. D	0	0	0	0	0	4	0	0	0	0	0	0	4
1980	MEAN	0.84	1.01	0.94	1.16	1.16	0.78	0.71	0.69	-1.00	0.59	0.77	1.30	-1.00
	MAX.	1.05	2.13	1.32	2.11	1.70	0.84	0.80	0.93	-1.00	0.92	1.28	3.59	3.59
	MIN.	0.76	0.83	0.80	0.87	0.94	0.74	0.66	0.64	-1.00	0.53	0.59	0.75	0.53
	MIS. D	0	0	1	0	0	0	1	30	0	0	0	0	33
1981	MEAN	0.89	0.88	0.83	1.35	1.41	0.92	0.82	0.74	0.74	0.75	0.74	0.99	0.92
	MAX.	1.25	1.15	1.11	2.68	3.30	1.19	1.13	1.19	0.94	1.08	0.98	1.32	3.30
	MIN.	0.79	0.76	0.70	0.85	1.00	0.71	0.72	0.68	0.66	0.62	0.66	0.77	0.62
	MIS. D	0	0	0	0	0	0	1	0	0	1	0	1	3
1982	MEAN	0.92	0.70	0.79	1.14	1.19	0.84	0.91	0.87	0.79	1.61	1.20	-1.00	-1.00
	MAX.	1.61	0.84	1.76	2.04	2.09	0.99	1.74	1.78	1.16	4.56	2.60	-1.00	4.56
	MIN.	0.74	0.64	0.60	0.81	0.90	0.78	0.74	0.71	0.70	0.96	0.90	-1.00	0.60
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	3.00	2.00	1.00	3.00	5.00	31.00	45.00
1983	MEAN	-1.00	-1.00	1.23	-1.00	1.44	1.66	1.75	1.33	0.79	0.70	0.71	-1.00	-1.00
	MAX.	-1.00	-1.00	1.88	2.17	2.97	2.72	2.01	1.88	1.37	1.45	1.28	1.10	2.97
	MIN.	-1.00	-1.00	0.87	0.81	0.95	1.00	1.00	0.90	0.54	0.48	0.42	0.52	0.42
	MIS. D	31.00	28.00	3.00	15.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	16.00	94.00
1984	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.76	0.69	0.63	0.74	1.37	1.22	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.96	0.73	0.77	1.25	2.24	1.97	2.24
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.71	0.64	0.58	0.58	0.86	0.82	0.58
	MIS. D	31	29	31	30	31	30	0	0	0	2	1	0	185
1985	MEAN	1.17	0.82	0.80	1.15	1.22	0.76	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	2.18	0.95	1.26	1.55	1.87	0.84	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	2.18
	MIN.	0.82	0.75	0.66	0.90	0.86	0.72	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.66
	MIS. D	0	0	0	3	0	0	31	31	30	31	30	31	187
1986	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.59	0.90	1.19	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.56	0.92	1.63	2.01
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.52	0.50	0.62	0.83
	MIS. D	31	28	31	30	31	30	31	31	17	0	0	0	260
1987	MEAN	1.21	0.79	0.83	0.91	1.17	0.79	0.72	0.69	0.61	0.69	0.79	0.73	0.83
	MAX.	3.96	0.98	1.21	1.74	1.97	1.69	1.64	1.62	1.55	1.04	1.97	0.99	3.96
	MIN.	0.84	0.71	0.72	0.70	0.88	0.68	0.62	0.61	0.53	0.56	0.60	0.62	0.53
	MIS. D	0	1	0	0	0	0	2	3	0	0	2	1	9
1988	MEAN	-1.00	0.69	0.69	1.00	0.76	0.91	0.71	-1.00	0.77	0.68	-1.00	-1.00	-1.00
	MAX.	-1.00	1.11	1.01	1.37	0.91	1.98	1.64	-1.00	2.10	1.62	-1.00	-1.00	2.10
	MIN.	-1.00	0.57	0.58	0.80	0.68	0.73	0.60	-1.00	0.62	0.58	-1.00	-1.00	0.57
	MIS. D	31.00	0.00	2.00	0.00	2.00	0.00	0.00	31.00	0.00	0.00	30.00	31.00	127.00
1989	MEAN	1.07	0.75	0.79	1.11	1.09	0.90	0.69	0.63	0.59	0.71	-1.00	0.83	-1.00
	MAX.	1.85	0.89	0.97	1.73	1.35	1.30	0.91	0.73	0.64	1.33	-1.00	1.14	1.85
	MIN.	0.66	0.64	0.62	0.77	0.94	0.59	0.62	0.58	0.54	0.56	-1.00	0.68	0.54
	MIS. D	0.00	0.00	0.00	2.00	0.00	2.00	0.00	0.00	0.00	0.00	30.00	0.00	34.00
1990	MEAN	0.81	0.81	0.99	1.22	0.83	0.74	0.61	0.59	0.60	0.56	1.10	0.76	0.80
	MAX.	1.56	1.27	1.63	2.46	0.97	1.07	0.79	0.88	1.28	0.69	2.77	1.20	2.77
	MIN.	0.70	0.68	0.77	0.95	0.73	0.64	0.56	0.54	0.52	0.50	0.50	0.65	0.50
	MIS. D	0	0	0	3	0	0	0	0	0	0	0	0	3
1991	MEAN	0.81	0.74	0.62	0.88	-1.00	-1.00	0.70	0.60	-1.00	0.56	-1.00	0.85	-1.00
	MAX.	1.24	1.20	0.92	1.99	-1.00	-1.00	1.33	0.84	-1.00	0.76	-1.00	1.33	1.99
	MIN.	0.63	0.60	0.53	0.60	-1.00	-1.00	0.60	0.56	-1.00	0.50	-1.00	0.58	0.50
	MIS. D	0	0	5	0	31	30	0	0	30	0	30	0	126
1992	MEAN	0.60	0.63	-1.00	-1.00	-1.00	0.82	0.66	0.58	0.54	-1.00	-1.00	-1.00	-1.00
	MAX.	0.89	0.89	0.98	-1.00	1.75	1.25	0.78	0.67	0.81	-1.00	-1.00	-1.00	1.75
	MIN.	0.52	0.52	0.50	-1.00	0.62	0.72	0.60	0.54	0.50	-1.00	-1.00	-1.00	0.50
	MIS. D	1	0	20	30	10	4	0	0	0	31	30	31	157
TOTAL AVERAGE	MEAN	0.92	0.85	0.95	1.34	1.24	0.94	0.81	0.74	0.72	0.75	0.92	0.96	0.93
	MEAN MAX.	1.52	1.24	1.56	2.36	2.03	1.32	1.11	1.00	1.20	1.34	1.80	1.69	1.51
	MEAN MIN.	0.74	0.70	0.73	0.93	0.97	0.80	0.71	0.66	0.62	0.61	0.65	0.72	0.74
	DATA No.	36.00	37.00	37.00	35.00	36.00	37.00	38.00	37.00	36.00	38.00	38.00	36.00	29.00
	AB. MAX.	3.96	2.17	2.82	4.62	3.30	2.72	2.01	1.86	2.79	4.56	4.70	3.92	4.70
AB. MIN.	0.49	0.47	0.47	0.60	0.68	0.59	0.56	0.54	0.50	0.48	0.34	0.43	0.34	

SUMMARY OF WATER LEVEL (m)

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YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1958	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	3.01	3.01
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.28	1.28
	MIS. D	31	28	31	30	31	30	31	31	30	31	30	12	346
1959	MEAN	1.61	2.18	2.55	2.48	3.64	1.69	1.31	1.23	1.23	1.09	1.09	1.37	1.79
	MAX.	2.20	3.44	3.69	4.04	4.90	2.09	1.57	2.01	1.51	1.52	1.64	1.95	4.90
	MIN.	1.30	1.60	1.66	1.69	2.13	1.40	1.12	1.01	0.98	0.97	0.96	1.05	0.96
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	MEAN	2.01	1.94	3.03	5.63	4.81	2.57	1.89	1.41	1.12	0.96	1.06	0.71	2.26
	MAX.	4.30	3.76	4.32	6.59	6.44	2.91	2.24	1.61	1.22	1.19	1.63	0.82	6.59
	MIN.	0.84	1.34	1.39	4.05	2.78	2.26	1.55	1.22	1.01	0.84	0.84	0.64	0.64
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	MEAN	0.70	2.78	2.87	2.51	4.62	2.06	2.38	1.90	1.48	2.56	6.57	6.12	3.05
	MAX.	1.04	4.31	3.56	4.54	5.54	2.64	3.52	2.70	1.61	5.19	6.91	6.39	6.91
	MIN.	0.57	1.08	2.04	1.80	2.72	1.77	1.76	1.46	1.40	1.60	6.08	5.50	0.57
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	MEAN	6.29	3.68	5.27	5.00	5.21	2.70	1.96	1.92	1.86	1.41	1.53	2.04	3.24
	MAX.	6.93	4.60	6.24	6.22	6.21	3.38	2.36	2.48	2.23	1.62	2.19	2.82	6.93
	MIN.	4.92	3.04	3.86	3.60	3.44	2.24	1.69	1.61	1.49	1.29	1.24	1.35	1.24
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	MEAN	3.29	2.86	3.62	6.37	4.90	2.68	2.19	1.63	1.27	1.02	3.08	4.93	3.15
	MAX.	4.43	3.13	5.90	6.99	6.47	3.08	2.88	1.94	1.40	1.13	6.88	6.84	6.99
	MIN.	2.44	2.58	2.42	5.93	3.16	2.36	1.79	1.37	1.13	0.93	0.90	3.08	0.90
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	MEAN	4.48	2.62	4.00	6.45	4.32	2.68	1.91	1.57	1.34	1.49	1.24	1.03	2.76
	MAX.	6.02	3.16	6.15	6.80	6.11	3.12	2.16	1.72	1.64	2.62	1.64	1.16	6.80
	MIN.	3.18	2.15	2.58	6.10	3.12	2.19	1.75	1.43	1.21	1.09	1.01	0.95	0.95
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	MEAN	1.84	1.58	1.58	4.64	3.21	2.59	1.56	1.25	1.20	1.54	2.37	2.84	2.18
	MAX.	3.16	2.45	2.77	6.26	5.93	4.24	1.78	1.38	1.88	2.27	3.35	3.43	6.26
	MIN.	1.21	1.09	1.19	2.47	2.34	1.81	1.38	1.14	1.03	1.11	1.55	2.22	1.03
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	MEAN	2.79	3.27	3.08	5.85	4.15	2.68	2.04	1.56	1.38	1.30	1.68	1.58	2.60
	MAX.	3.94	3.85	5.12	6.46	5.21	3.24	2.59	1.78	1.82	2.10	2.23	2.01	6.46
	MIN.	2.13	2.47	2.24	4.99	3.12	2.30	1.72	1.39	1.24	1.11	1.29	1.30	1.11
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	MEAN	1.11	1.73	1.77	3.46	5.69	4.22	2.51	2.35	2.78	2.25	3.36	5.86	3.10
	MAX.	1.45	2.46	2.71	6.29	6.28	6.03	3.23	3.14	3.66	3.11	4.90	6.77	6.77
	MIN.	0.95	0.94	1.38	1.35	4.29	2.60	2.19	2.04	2.02	1.87	2.23	4.33	0.94
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	MEAN	4.47	2.61	4.33	6.73	5.47	4.44	2.62	1.94	1.61	1.34	2.51	4.04	3.51
	MAX.	6.37	3.25	6.42	7.07	6.68	5.95	3.32	2.31	1.75	1.49	5.46	6.18	7.07
	MIN.	2.93	2.25	2.62	6.39	4.26	3.10	2.23	1.75	1.45	1.24	1.22	2.22	1.22
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	MEAN	1.78	2.14	2.65	4.11	5.24	2.55	1.87	1.63	1.47	1.37	1.66	1.72	2.35
	MAX.	2.17	3.82	4.93	5.83	6.45	3.15	2.44	1.84	1.79	1.92	2.64	2.16	6.45
	MIN.	1.54	1.45	1.61	2.59	2.97	2.09	1.61	1.48	1.28	1.19	1.13	1.42	1.13
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	MEAN	2.25	3.98	3.99	4.75	3.05	1.99	1.58	1.32	1.53	1.30	1.07	2.01	2.39
	MAX.	3.30	4.71	5.22	5.36	4.82	2.33	1.75	1.44	2.22	1.54	1.21	3.51	5.36
	MIN.	1.40	3.22	2.87	3.66	2.37	1.76	1.44	1.24	1.24	1.19	0.95	0.94	0.94
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	MEAN	2.29	2.12	1.67	4.40	4.01	2.31	1.97	1.58	1.31	1.23	1.14	1.30	2.11
	MAX.	3.32	2.60	2.62	6.34	6.37	2.90	2.40	1.82	1.41	1.54	1.36	2.01	6.37
	MIN.	1.67	1.72	1.41	2.77	3.02	2.05	1.77	1.40	1.20	1.10	1.03	1.00	1.00
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	MEAN	2.30	1.46	1.99	4.65	6.37	3.55	1.89	1.40	1.54	1.75	2.39	2.63	2.66
	MAX.	3.45	1.68	3.06	6.71	6.72	6.25	2.16	1.63	2.31	2.46	3.28	3.38	6.72
	MIN.	1.38	1.31	1.42	2.72	5.66	2.19	1.65	1.23	1.23	1.25	1.64	1.84	1.23
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	MEAN	3.73	3.03	3.19	5.02	5.82	2.71	1.94	1.75	1.36	1.22	1.45	1.82	2.75
	MAX.	5.36	3.86	5.04	6.17	7.23	3.31	2.24	2.18	1.62	1.64	2.87	2.62	7.23
	MIN.	2.12	2.30	2.26	2.99	3.36	2.28	1.72	1.62	1.20	1.01	0.91	1.57	0.91
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	MEAN	1.49	1.49	1.26	3.43	5.81	2.84	2.06	1.49	1.27	1.21	1.08	0.93	2.03
	MAX.	1.92	2.46	2.40	5.42	7.59	3.95	2.38	1.69	1.46	1.89	1.25	1.11	7.59
	MIN.	1.19	1.10	0.93	2.13	3.62	2.21	1.71	1.30	1.12	1.01	0.94	0.86	0.86
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	MEAN	1.48	1.00	2.17	4.66	4.64	2.89	1.92	1.41	1.31	1.33	1.10	1.64	2.13
	MAX.	2.21	1.26	3.64	6.12	5.55	5.49	2.26	1.58	1.72	1.89	1.25	2.73	6.12
	MIN.	0.84	0.81	0.81	2.01	3.43	2.23	1.59	1.25	1.17	1.06	1.00	1.04	0.81
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	MEAN	1.76	2.04	2.83	4.07	4.45	2.50	1.82	1.40	1.19	1.45	1.10	1.15	2.15
	MAX.	2.96	3.00	4.50	5.35	6.10	3.06	2.17	1.58	1.41	1.94	1.38	1.44	6.10
	MIN.	1.38	1.30	1.69	2.99	2.80	2.22	1.60	1.23	1.08	1.17	0.97	0.94	0.94
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	MEAN	2.01	1.98	2.33	3.03	3.46	2.21	1.47	1.24	1.52	1.52	2.20	3.27	2.19
	MAX.	3.05	2.60	3.64	4.97	5.65	3.40	1.65	1.45	3.45	2.02	3.55	5.38	5.65
	MIN.	1.23	1.40	1.66	2.38	2.26	1.67	1.32	1.12	1.01	1.22	1.32	2.05	1.01
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0

SUMMARY OF WATER LEVEL (m)

(4) 1H8

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
1978	MEAN	-1.00	2.28	3.05	5.77	3.74	2.25	-1.00	-1.00	1.02	0.88	2.05	5.90	-1.00	
	MAX.	6.03	2.98	6.27	6.31	6.02	2.67	1.95	1.33	1.16	1.08	5.99	7.16	7.16	
	MIN.	4.06	1.93	1.79	4.55	2.71	1.91	1.65	1.17	0.93	0.80	0.79	4.80	0.79	
	MIS. D	21	1	0	0	0	0	18	21	0	0	0	0	61	
1979	MEAN	-1.00	-1.00	5.22	7.00	6.02	4.42	2.52	1.87	1.66	1.41	1.54	-1.00	-1.00	
	MAX.	-1.00	-1.00	6.59	7.95	7.78	5.76	2.95	2.09	2.10	1.85	2.65	-1.00	7.95	
	MIN.	-1.00	-1.00	3.53	6.42	4.71	2.97	2.07	1.66	1.34	1.16	1.14	-1.00	1.14	
	MIS. D	31	28	0	0	0	0	0	0	0	0	0	0	31	
1980	MEAN	1.94	2.59	2.30	3.10	4.48	2.33	1.70	1.45	1.23	1.02	1.96	3.14	2.27	
	MAX.	2.57	3.68	2.84	4.32	5.72	3.11	1.88	1.58	1.39	1.14	3.45	4.78	5.72	
	MIN.	1.63	1.97	1.87	2.04	3.13	1.89	1.54	1.36	1.10	0.94	1.02	1.63	0.94	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	
1981	MEAN	2.09	2.23	1.90	3.93	-1.00	2.57	1.82	1.51	1.45	1.22	1.33	2.18	-1.00	
	MAX.	2.56	2.84	3.63	5.35	-1.00	3.24	2.04	1.66	1.71	1.71	1.60	3.07	5.35	
	MIN.	1.73	1.80	1.40	2.34	-1.00	2.09	1.61	1.42	1.23	1.01	1.14	1.10	1.01	
	MIS. D	0	0	0	0	31	0	0	0	0	0	0	0	31	
1982	MEAN	1.97	1.29	1.48	3.10	3.83	2.01	1.97	-1.00	-1.00	-1.00	3.93	3.96	-1.00	
	MAX.	3.09	1.54	1.92	4.48	5.64	2.52	2.84	-1.00	-1.00	-1.00	5.62	5.02	5.64	
	MIN.	1.43	1.16	1.14	1.36	2.48	1.80	1.58	-1.00	-1.00	-1.00	1.69	2.89	1.14	
	MIS. D	0	0	0	0	0	0	0	31	30	31	0	0	92	
1983	MEAN	4.03	2.13	2.38	4.01	5.45	3.80	2.24	1.98	1.55	1.38	1.29	1.40	2.64	
	MAX.	6.14	2.44	3.66	4.64	5.79	5.73	2.61	2.54	2.34	1.97	1.44	4.32	6.14	
	MIN.	2.49	1.91	1.72	2.70	4.28	2.51	1.92	1.66	1.33	1.20	1.20	0.96	0.96	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	
1984	MEAN	3.02	2.25	2.02	3.26	6.89	4.48	2.07	-1.00	-1.00	-1.00	4.95	3.19	-1.00	
	MAX.	4.95	3.03	2.83	5.22	7.36	7.40	2.28	-1.00	-1.00	-1.00	6.59	4.78	7.40	
	MIN.	1.62	1.88	1.44	2.38	6.02	2.40	1.78	-1.00	-1.00	1.14	2.27	2.53	1.14	
	MIS. D	0	0	0	0	0	0	0	31	30	15	0	1	77	
1985	MEAN	3.46	2.10	2.04	5.10	5.04	2.17	1.78	1.34	1.18	1.12	1.79	2.32	2.46	
	MAX.	4.78	2.97	2.79	6.32	6.51	2.73	2.15	1.51	1.41	1.37	2.70	3.22	6.51	
	MIN.	2.26	1.45	1.44	2.71	2.80	1.83	1.49	1.23	1.05	1.00	1.20	1.51	1.00	
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0	
1986	MEAN	2.23	-1.00	2.19	5.46	4.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
	MAX.	3.37	2.61	3.87	6.93	6.24	6.29	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	6.93	
	MIN.	1.74	1.62	1.48	3.80	3.02	3.02	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.48	
	MIS. D	0	11	0	0	0	15	31	31	30	31	30	31	210	
1987	MEAN	-1.00	2.17	-1.00	-1.00	-1.00	-1.00	1.67	1.53	1.21	1.37	1.41	1.78	-1.00	
	MAX.	4.71	2.66	2.89	2.98	5.90	3.44	1.83	1.86	1.36	1.74	1.87	2.35	5.90	
	MIN.	2.77	1.70	1.70	2.14	4.05	2.01	1.55	1.37	1.08	1.06	1.12	1.45	1.06	
	MIS. D	22	0	6	5	7	11	3	0	0	0	0	0	54	
1988	MEAN	1.52	1.70	1.88	3.92	2.40	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
	MAX.	1.76	2.13	3.62	5.13	3.51	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	5.13	
	MIN.	1.33	1.32	1.40	3.32	1.92	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.32	
	MIS. D	0.00	0.00	0.00	0.00	0.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	214.00	
1989	MEAN	4.95	2.50	1.96	4.21	5.36	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
	MAX.	6.14	4.36	2.69	6.33	6.40	5.60	-1.00	-1.00	-1.00	-1.00	-1.00	2.77	6.40	
	MIN.	3.14	1.91	1.70	2.50	4.33	3.00	-1.00	-1.00	-1.00	-1.00	-1.00	2.02	1.70	
	MIS. D	2.00	0.00	0.00	0.00	0.00	17.00	31.00	31.00	30.00	31.00	30.00	19.00	191.00	
1990	MEAN	-1.00	-1.00	-1.00	6.09	-1.00	1.40	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
	MAX.	5.32	3.72	7.04	7.41	-1.00	1.92	-1.00	-1.00	-1.00	-1.00	5.66	2.97	7.41	
	MIN.	2.17	2.04	4.49	4.92	-1.00	1.05	-1.00	-1.00	-1.00	-1.00	1.12	2.02	1.05	
	MIS. D	8	7	12	0	31	0	31	31	30	31	7	4	192	
1991	MEAN	1.99	2.24	1.64	-1.00	3.91	2.43	1.80	1.53	1.29	1.26	-1.00	-1.00	-1.00	
	MAX.	2.67	3.25	2.15	-1.00	5.12	3.40	2.00	1.79	1.38	1.93	-1.00	-1.00	5.12	
	MIN.	1.68	1.66	1.44	-1.00	3.54	2.03	1.62	1.36	1.24	1.13	-1.00	-1.00	1.13	
	MIS. D	1	0	0	30	0	0	1	0	0	0	0	30	31	
1992	MEAN	1.74	1.64	-1.00	-1.00	5.42	-1.00	1.88	1.48	1.29	1.13	1.88	3.24	-1.00	
	MAX.	2.40	1.99	-1.00	-1.00	6.51	-1.00	2.12	1.63	1.38	1.29	3.99	4.30	6.51	
	MIN.	1.33	1.30	-1.00	-1.00	3.38	-1.00	1.67	1.38	1.22	1.02	1.00	2.42	1.00	
	MIS. D	0	0	31	30	1	30	0	1	0	0	0	0	93	
1993	MEAN	3.79	3.77	3.94	4.95	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
	MAX.	4.28	4.74	4.50	7.64	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	7.64	
	MIN.	3.30	3.16	3.37	3.42	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	3.16	
	MIS. D	0	0	0	0	31	30	31	31	30	31	30	31	245	
TOTAL AVERAGE	MEAN	2.59	2.29	2.69	4.60	4.69	2.75	1.94	1.58	1.42	1.36	2.06	2.65	2.55	
	MEAN MAX.	3.62	3.09	4.04	5.99	6.09	3.76	2.34	1.89	1.80	1.90	3.16	3.63	3.44	
	MEAN MIN.	1.84	1.76	1.87	3.28	3.33	2.11	1.67	1.40	1.21	1.13	1.37	1.91	1.91	
	DATA No.	31.00	32.00	32.00	32.00	31.00	29.00	29.00	27.00	28.00	28.00	29.00	28.00	22.00	
	AB. MAX.	6.93	4.74	6.59	7.95	7.78	7.40	3.52	3.14	3.66	5.19	6.91	7.16	7.95	
AB. MIN.	0.57	0.81	0.81	1.35	1.92	1.05	1.12	1.01	0.93	0.80	0.79	0.64	0.57		

SUMMARY OF WATER LEVEL (m)

(5) 1H10

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1966	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.05	1.05	1.38	1.20	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.01	1.75	2.12	2.75	1.52	2.75
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.96	0.87	0.81	0.95	0.98	0.81
	MIS. D	31	28	31	30	31	30	31	22	0	0	0	0	234
1967	MEAN	0.85	1.62	1.44	2.63	3.61	2.59	1.88	1.69	2.13	1.64	2.77	4.79	2.31
	MAX.	1.00	2.37	2.48	3.90	5.20	4.41	2.96	2.91	3.15	2.65	6.71	8.01	8.01
	MIN.	0.75	0.84	1.12	1.09	2.52	1.74	1.50	1.34	1.59	1.37	1.68	2.85	0.75
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	MEAN	2.99	2.07	3.77	-1.00	3.58	2.90	1.83	-1.00	1.22	1.04	1.90	2.27	-1.00
	MAX.	3.84	2.84	6.38	5.65	5.94	4.10	2.21	1.58	1.48	1.40	3.74	4.01	6.38
	MIN.	2.11	1.75	1.91	5.37	2.86	2.17	1.60	1.32	1.07	0.94	0.95	1.49	0.94
	MIS. D	0	0	0	24	1	0	0	10	0	0	0	1	36
1969	MEAN	1.33	1.45	2.32	2.64	3.89	1.88	1.41	1.34	1.21	1.18	1.49	1.45	1.80
	MAX.	1.73	2.29	4.09	4.09	6.74	2.50	1.98	1.76	1.55	2.16	2.95	2.09	6.74
	MIN.	1.17	1.12	1.43	1.90	2.06	1.54	1.22	1.15	1.06	0.98	0.94	1.15	0.94
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	MEAN	2.24	3.27	3.00	3.43	2.14	1.42	1.12	0.93	1.24	0.99	0.83	1.91	1.87
	MAX.	4.71	4.48	4.41	4.55	2.79	1.65	1.25	1.03	2.25	1.48	0.99	4.00	4.71
	MIN.	1.18	2.48	1.97	2.50	1.67	1.26	1.04	0.88	0.90	0.86	0.73	0.76	0.73
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	MEAN	1.07	0.49	-1.00	3.51	2.56	1.67	1.52	1.16	1.00	1.01	0.93	1.12	-1.00
	MAX.	2.34	0.61	0.51	5.83	3.40	1.97	2.16	1.43	1.20	1.59	1.19	2.56	5.83
	MIN.	0.40	0.39	0.35	0.76	2.02	1.43	1.32	1.02	0.92	0.86	0.82	0.78	0.35
	MIS. D	0	0	16	0	0	0	0	0	0	0	0	0	16
1972	MEAN	1.89	1.22	1.76	4.14	4.39	2.19	1.49	1.18	1.36	1.61	2.00	2.14	2.12
	MAX.	3.23	1.47	3.20	6.25	5.95	3.22	1.81	1.55	2.35	2.47	2.95	2.63	6.25
	MIN.	1.17	1.04	1.13	1.83	3.15	1.64	1.30	1.03	1.02	1.08	1.33	1.72	1.02
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	MEAN	2.83	2.55	2.33	4.20	4.41	1.98	1.50	-1.00	1.04	0.94	1.25	1.48	-1.00
	MAX.	4.88	4.10	3.39	6.70	8.39	2.51	2.04	-1.00	1.17	1.35	2.67	2.49	8.39
	MIN.	2.00	1.79	1.77	2.44	2.34	1.70	1.32	-1.00	0.92	0.78	0.70	1.12	0.70
	MIS. D	0	0	0	0	0	0	0	31	0	0	0	0	31
1974	MEAN	1.28	1.15	1.18	3.14	4.36	2.09	1.62	1.23	0.99	1.00	0.82	0.80	1.63
	MAX.	2.24	2.01	2.54	6.04	8.81	2.88	2.14	1.45	1.14	1.92	1.07	0.94	8.81
	MIN.	0.93	0.84	0.72	1.71	2.57	1.72	1.36	1.02	0.90	0.82	0.74	0.68	0.68
	MIS. D	0	0	0	0	2	0	0	0	0	0	0	0	2
1975	MEAN	1.29	0.78	1.73	2.97	3.32	2.01	1.55	1.13	1.20	1.21	1.01	1.50	1.65
	MAX.	2.32	1.10	2.64	3.93	4.51	2.70	1.91	1.30	1.78	1.99	1.22	2.72	4.51
	MIN.	0.68	0.66	0.66	2.22	2.29	1.67	1.30	1.03	1.00	0.92	0.92	0.92	0.66
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	MEAN	1.55	1.89	2.73	3.11	2.88	-1.00	-1.00	-1.00	-1.00	1.27	1.01	1.07	-1.00
	MAX.	3.31	2.73	4.09	4.12	4.11	-1.00	-1.00	-1.00	-1.00	1.93	1.10	1.69	4.12
	MIN.	1.13	1.26	1.54	2.26	1.95	-1.00	-1.00	-1.00	-1.00	0.93	0.90	0.86	0.86
	MIS. D	0	0	0	0	0	30	31	31	30	0	0	0	122
1977	MEAN	1.68	1.59	1.81	2.66	2.33	1.64	1.22	1.06	1.38	1.19	1.87	2.63	1.75
	MAX.	3.39	2.48	2.59	4.65	3.31	2.24	1.41	1.46	3.44	1.46	3.01	5.72	5.72
	MIN.	0.98	1.11	1.35	1.84	1.71	1.33	1.06	0.94	0.82	1.03	1.42	1.88	0.82
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	1	1
1978	MEAN	-1.00	1.77	2.46	3.53	2.45	1.70	1.31	1.08	0.90	0.85	2.20	3.85	-1.00
	MAX.	-1.00	2.16	4.63	4.29	3.31	1.97	1.50	1.22	0.96	1.01	5.74	5.68	5.74
	MIN.	-1.00	1.56	1.42	2.85	2.00	1.51	1.16	0.96	0.80	0.70	0.80	2.75	0.70
	MIS. D	31	0	0	0	1	0	0	0	0	0	0	0	32
1979	MEAN	2.74	3.97	4.51	7.52	-1.00	-1.00	-1.00	1.42	1.36	1.25	1.43	1.58	-1.00
	MAX.	3.35	5.85	7.23	9.86	7.97	-1.00	-1.00	1.56	1.75	1.87	2.63	2.57	9.86
	MIN.	2.39	2.77	2.50	4.53	7.17	-1.00	-1.00	1.31	1.08	1.01	0.98	1.02	0.98
	MIS. D	0	0	0	0	26	30	31	3	0	0	0	0	90
1980	MEAN	1.80	2.26	-1.00	-1.00	-1.00	1.80	1.35	1.22	1.06	0.93	1.55	3.19	-1.00
	MAX.	3.34	3.62	-1.00	-1.00	-1.00	2.40	1.50	1.56	1.21	1.64	3.51	5.84	5.84
	MIN.	1.33	1.63	-1.00	-1.00	-1.00	1.48	1.23	1.09	0.94	0.80	1.00	1.28	0.80
	MIS. D	0.00	0.00	31.00	30.00	31.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.00
1981	MEAN	2.15	1.94	1.71	3.13	2.53	1.93	1.43	1.24	1.22	1.15	1.09	1.93	1.79
	MAX.	2.82	2.68	2.96	4.85	3.03	2.70	1.69	1.56	1.73	1.72	1.49	2.88	4.85
	MIN.	1.63	1.45	1.21	1.77	1.85	1.57	1.23	1.12	0.99	0.92	0.88	0.98	0.88
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	MEAN	1.66	1.12	1.25	2.21	2.54	1.57	1.23	1.40	-1.00	-1.00	-1.00	2.51	-1.00
	MAX.	2.81	1.25	1.71	2.84	4.27	1.82	1.44	2.05	-1.00	-1.00	-1.00	3.53	4.27
	MIN.	1.20	0.96	0.75	1.41	1.66	1.41	1.10	1.14	-1.00	-1.00	-1.00	1.85	0.75
	MIS. D	0	0	0	0	0	0	1	0	30	31	30	0	92
1983	MEAN	3.12	1.70	1.45	2.45	3.31	2.13	-1.00	-1.00	1.31	-1.00	-1.00	-1.00	-1.00
	MAX.	5.40	2.05	1.65	3.87	3.79	2.58	-1.00	-1.00	2.58	-1.00	-1.00	-1.00	5.40
	MIN.	1.99	1.50	1.23	1.39	2.60	1.75	-1.00	-1.00	1.14	-1.00	-1.00	-1.00	1.14
	MIS. D	0	0	0	0	0	0	31	31	0	31	30	31	154
1984	MEAN	1.52	1.40	1.38	-1.00	-1.00	-1.00	1.50	1.33	1.11	1.26	3.02	2.67	-1.00
	MAX.	1.77	1.46	1.97	5.92	5.95	-1.00	1.95	1.45	1.31	2.43	4.98	3.51	5.95
	MIN.	1.40	1.32	1.15	4.17	4.14	-1.00	1.40	1.18	0.96	0.70	1.79	1.71	0.70
	MIS. D	1	0	3	11	8	30	1	0	0	1	0	0	55
1985	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.55	1.22	0.92	0.85	1.26	-1.00	-1.00
	MAX.	4.13	1.71	1.71	4.71	3.64	-1.00	1.74	1.38	1.06	1.69	1.67	3.25	4.71
	MIN.	2.05	1.61	1.39	3.16	3.03	-1.00	1.40	1.07	0.75	0.65	1.10	1.20	0.65
	MIS. D	4	15	10	7	14	30	0	0	0	1	0	5	86

SUMMARY OF WATER LEVEL (m)

(5) 1110

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1986	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.38	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	3.34	1.75	1.86	5.26	3.64	3.12	1.54	1.49	1.42	1.39	3.55	3.78	5.26
	MIN.	1.52	1.52	1.55	1.80	1.64	1.48	1.22	1.12	1.04	1.02	1.22	3.02	1.02
	MIS. D	16	10	10	11	18	12	3	6	8	8	13	20	135
1987	MEAN	-1.00	1.52	-1.00	1.59	-1.00	1.58	-1.00	1.27	1.19	1.31	-1.00	-1.00	-1.00
	MAX.	3.86	1.61	1.75	1.78	3.61	1.75	1.40	1.34	1.26	1.59	1.70	1.70	3.86
	MIN.	1.50	1.43	1.55	1.37	1.64	1.42	1.27	1.20	1.13	1.12	1.13	1.28	1.12
	MIS. D	11	0	16	1	9	0	11	0	0	0	7	5	60
1988	MEAN	1.49	1.52	1.93	-1.00	-1.00	-1.00	1.42	1.25	1.45	-1.00	1.50	1.46	-1.00
	MAX.	1.77	1.84	3.35	3.39	3.32	3.21	1.66	1.51	1.66	-1.00	1.94	1.75	3.39
	MIN.	1.24	1.20	1.42	3.01	1.40	1.41	1.30	1.13	1.32	-1.00	1.20	1.24	1.13
	MIS. D	3	1	2	7	8	9	0	2	3	31	3	2	71
1989	MEAN	1.48	1.43	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.53	-1.00	-1.00
	MAX.	1.74	1.63	-1.00	-1.00	-1.00	3.53	3.34	-1.00	-1.00	-1.00	3.34	-1.00	3.53
	MIN.	1.32	1.26	-1.00	-1.00	-1.00	3.02	1.32	-1.00	-1.00	-1.00	1.11	-1.00	1.11
	MIS. D	0	0	31	30	31	6	7	31	30	31	2	31	230
1990	MEAN	1.52	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.29	1.36	-1.00	-1.00	-1.00
	MAX.	1.71	1.97	5.78	7.25	3.66	-1.00	-1.00	1.52	1.67	1.70	-1.00	1.82	7.25
	MIN.	1.17	1.48	1.59	3.22	3.06	-1.00	-1.00	1.23	1.13	1.13	-1.00	1.02	1.02
	MIS. D	0	18	14	14	18	30	31	6	3	2	30	8	174
1991	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.24	1.29	-1.00	-1.00	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	1.65	-1.00	-1.00	1.47	1.56	1.65	1.95	-1.00	1.95
	MIN.	-1.00	-1.00	-1.00	-1.00	1.11	-1.00	-1.00	1.27	1.17	1.11	0.75	-1.00	0.75
	MIS. D	31	28	31	30	20	30	31	7	1	2	12	31	254
TOTAL AVERAGE	MEAN	1.83	1.75	2.17	3.31	3.22	1.94	1.46	1.24	1.22	1.16	1.54	2.08	1.91
	MEAN MAX.	2.89	2.41	3.49	4.83	4.90	2.59	1.83	1.56	1.73	1.80	2.78	3.38	2.85
	MEAN MIN.	1.31	1.35	1.37	1.99	2.22	1.58	1.28	1.10	1.02	0.93	1.05	1.37	1.38
	DATA No.	20	21	17	16	15	16	18	17	22	21	20	19	8
	AB. MAX.	5.40	5.85	7.23	9.86	8.81	4.41	2.96	2.91	3.44	2.65	6.71	8.01	9.86
AB. MIN.	0.40	0.39	0.66	0.76	1.66	1.26	1.04	0.88	0.75	0.65	0.70	0.68	0.39	

SUMMARY OF WATER LEVEL (m)

(6) 1HA1A

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1950	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.41	0.34	0.17	0.31	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.37	0.98	0.52	0.32	0.52	0.98
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.34	0.12	0.06	0.06	0.03	0.03
	MIS. D	31	28	31	30	31	30	31	21	0	0	0	0	233
1951	MEAN	0.32	0.56	0.53	1.51	2.40	0.93	0.69	0.41	0.22	0.10	0.85	1.12	0.81
	MAX.	0.81	1.04	0.88	3.17	3.72	1.43	0.88	0.50	0.32	0.15	1.95	1.62	3.72
	MIN.	0.09	0.26	0.34	0.93	1.49	0.70	0.52	0.32	0.15	0.02	0.14	0.82	0.02
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	MEAN	1.26	0.64	0.51	1.59	2.05	0.82	0.50	0.38	0.26	0.36	0.50	0.33	0.77
	MAX.	2.13	1.04	0.68	3.64	3.51	0.95	0.64	0.41	0.35	0.73	0.90	0.59	3.64
	MIN.	0.61	0.47	0.37	0.91	0.96	0.66	0.40	0.30	0.20	0.25	0.25	0.13	0.13
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	MEAN	0.28	-1.00	-1.00	1.11	2.71	1.24	0.56	0.46	0.52	0.34	0.22	0.11	-1.00
	MAX.	0.60	0.13	1.49	2.85	4.19	1.97	0.75	0.59	0.90	0.46	0.40	0.37	4.19
	MIN.	0.15	0.02	1.01	0.49	1.92	0.70	0.44	0.35	0.38	0.26	0.10	0.03	0.02
	MIS. D	0	23	28	0	0	0	0	0	0	0	0	0	51
1954	MEAN	0.69	0.47	0.65	1.14	2.66	1.34	0.85	0.58	0.32	0.62	0.57	0.25	0.85
	MAX.	1.48	1.37	1.14	2.10	3.12	1.99	1.04	0.72	0.44	4.28	0.98	0.37	4.28
	MIN.	0.37	0.19	0.30	0.40	1.95	1.02	0.72	0.45	0.21	0.03	0.41	0.05	0.03
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	MEAN	-1.00	2.00	0.86	2.03	-1.00	-1.00	1.26	0.83	0.54	0.41	0.58	0.67	-1.00
	MAX.	0.32	3.63	1.97	3.22	4.13	-1.00	1.49	1.06	0.64	0.58	0.85	1.48	4.13
	MIN.	0.31	0.90	0.40	0.59	2.10	-1.00	1.01	0.65	0.46	0.29	0.27	0.38	0.27
	MIS. D	29	4	0	0	20	30	3	0	0	0	0	0	86
1956	MEAN	1.34	1.39	1.39	2.74	2.69	1.56	0.92	0.62	0.44	0.33	0.37	-1.00	-1.00
	MAX.	3.46	2.22	1.80	4.16	4.16	1.97	1.20	0.75	0.50	0.44	0.68	0.28	4.16
	MIN.	0.75	0.85	1.10	1.26	1.97	1.18	0.73	0.50	0.39	0.21	0.14	0.05	0.05
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	21	21
1957	MEAN	0.54	1.45	0.96	1.69	3.34	1.38	0.86	0.71	0.47	0.69	0.78	0.83	-1.00
	MAX.	1.81	3.32	3.06	2.88	4.54	1.93	1.03	0.88	0.58	1.19	1.07	1.34	4.54
	MIN.	0.18	0.59	0.46	1.04	2.02	1.04	0.66	0.58	0.38	0.47	0.59	0.70	0.18
	MIS. D	5	0	0	0	0	0	0	0	0	0	0	0	5
1958	MEAN	0.54	0.66	1.08	1.70	2.40	1.36	0.78	0.56	0.44	0.25	-1.00	-1.00	-1.00
	MAX.	0.86	1.28	2.13	3.32	3.81	2.00	0.96	0.68	0.61	0.37	-1.00	1.92	3.81
	MIN.	0.34	0.30	0.57	1.03	1.32	0.98	0.62	0.49	0.34	0.02	-1.00	0.37	0.02
	MIS. D	0	0	0	0	0	0	0	0	0	1	30	18	49
1959	MEAN	0.72	1.14	1.33	0.98	1.69	0.66	0.50	0.43	0.64	0.43	-1.00	0.46	-1.00
	MAX.	1.97	2.59	3.44	2.35	2.99	0.91	0.61	1.16	1.05	0.56	-1.00	2.90	3.44
	MIN.	0.33	0.63	0.59	0.53	0.97	0.51	0.40	0.30	0.45	0.35	-1.00	0.04	0.04
	MIS. D	0	0	0	0	0	0	0	0	0	0	30	0	30
1960	MEAN	0.87	0.60	0.76	3.40	2.17	1.22	0.78	0.52	0.36	0.27	0.31	-1.00	-1.00
	MAX.	2.06	1.14	1.30	5.18	3.19	1.48	1.17	0.59	0.41	0.58	0.53	-1.00	5.18
	MIN.	0.03	0.34	0.33	1.31	1.33	1.02	0.58	0.41	0.32	0.18	0.12	-1.00	0.03
	MIS. D	2	0	0	0	0	0	0	0	0	0	0	31	33
1961	MEAN	-1.00	-1.00	0.66	0.83	1.74	0.70	1.17	0.97	0.57	1.03	3.91	3.24	-1.00
	MAX.	-1.00	3.35	0.96	2.39	2.61	0.99	2.45	1.71	0.64	2.42	5.23	5.88	5.88
	MIN.	-1.00	0.30	0.43	0.40	1.04	0.55	0.64	0.61	0.47	0.58	2.66	2.39	0.30
	MIS. D	31	10	0	0	0	0	0	0	0	0	0	0	41
1962	MEAN	3.86	1.37	1.84	1.55	1.81	0.85	0.71	0.70	0.66	0.42	0.37	0.31	1.21
	MAX.	5.47	1.86	3.81	2.39	2.82	1.11	0.89	0.92	0.75	0.59	0.58	1.01	5.47
	MIN.	1.97	1.10	1.19	0.91	1.16	0.69	0.63	0.57	0.55	0.30	0.29	0.18	0.18
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	MEAN	1.09	0.85	1.27	3.27	1.90	1.07	0.90	0.62	0.43	0.31	1.98	2.29	-1.00
	MAX.	1.89	1.08	2.39	5.23	3.27	1.45	1.42	0.84	0.49	0.37	5.11	3.70	5.23
	MIN.	0.69	0.67	0.68	1.37	1.20	0.86	0.68	0.49	0.37	0.23	0.15	1.16	0.15
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	1	1
1964	MEAN	1.50	0.70	1.35	4.15	1.88	1.14	0.72	0.51	0.33	0.33	0.29	-1.00	-1.00
	MAX.	3.20	0.85	2.83	5.22	2.70	1.40	0.86	0.64	0.48	0.76	0.61	0.08	5.22
	MIN.	0.85	0.58	0.71	2.58	1.43	0.88	0.64	0.41	0.24	0.15	0.09	0.03	0.03
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.00	21.00
1965	MEAN	0.66	0.37	0.26	2.25	1.16	1.20	0.49	0.35	0.22	0.55	1.07	0.92	0.79
	MAX.	1.81	0.87	0.62	3.73	1.92	2.38	0.65	0.45	0.33	1.13	1.52	1.37	3.73
	MIN.	0.18	0.12	0.13	0.58	0.79	0.66	0.30	0.24	0.18	0.25	0.75	0.75	0.12
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	MEAN	-1.00	1.44	1.39	2.79	2.03	1.38	1.02	0.75	0.64	0.58	0.65	0.71	-1.00
	MAX.	0.92	1.94	2.46	4.24	2.96	1.62	1.33	0.88	0.73	0.70	0.78	0.88	4.24
	MIN.	0.85	0.85	1.04	2.03	1.55	1.11	0.82	0.67	0.59	0.52	0.52	0.55	0.52
	MIS. D	27	0	0	0	0	0	0	0	0	0	0	0	27
1967	MEAN	0.46	-1.00	0.56	2.33	3.29	2.16	1.34	1.41	1.81	1.44	1.61	2.47	-1.00
	MAX.	0.58	0.59	2.82	5.19	5.06	3.26	1.94	1.96	2.60	2.27	2.21	3.43	5.19
	MIN.	0.24	0.43	0.34	0.37	1.97	1.24	1.08	1.11	1.16	1.16	1.14	1.90	0.24
	MIS. D	5	15	0	0	0	0	0	0	0	0	0	0	20
1968	MEAN	1.55	0.96	2.33	4.99	2.64	2.30	1.37	0.94	0.72	0.57	0.51	1.48	1.70
	MAX.	1.98	1.19	5.89	5.86	4.50	3.37	1.81	1.10	0.82	0.67	0.76	2.38	5.89
	MIN.	1.27	0.80	0.88	3.12	2.03	1.77	1.10	0.82	0.64	0.41	0.27	0.88	0.27
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	MEAN	0.63	0.95	1.22	2.04	2.72	0.91	0.81	0.81	0.76	0.68	1.19	0.72	1.12
	MAX.	0.94	1.49	1.92	3.70	5.06	1.40	0.98	0.99	1.02	0.79	1.86	1.08	5.06
	MIN.	0.43	0.58	0.73	1.26	1.44	0.67	0.69	0.65	0.62	0.58	0.70	0.55	0.43
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0

SUMMARY OF WATER LEVEL (m).

(6) 1HA1A

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1970	MEAN	0.98	1.53	1.48	2.23	1.48	0.90	0.64	0.49	0.65	0.56	0.65	-1.00	-1.00
	MAX.	2.16	2.33	3.15	3.17	2.18	1.16	0.73	0.55	1.05	0.72	0.68	0.98	3.17
	MIN.	0.51	1.07	1.04	1.68	1.17	0.73	0.55	0.46	0.46	0.46	0.58	0.58	0.46
	MIS. D	0	0	0	0	0	0	0	1	0	0	0	24	25
1971	MEAN	1.17	1.38	0.61	1.82	2.00	1.00	1.02	0.58	0.54	0.39	-1.00	-1.00	-1.00
	MAX.	2.91	2.26	0.75	3.54	3.30	1.46	1.27	0.79	0.56	0.44	0.32	-1.00	3.54
	MIN.	0.60	0.49	0.54	0.70	1.48	0.78	0.85	0.43	0.50	0.34	0.20	-1.00	0.20
	MIS. D	0	0	0	0	0	0	1	0	0	0	25	31	57
1972	MEAN	-1.00	0.45	0.83	2.03	3.94	1.71	0.89	0.66	0.70	0.88	1.22	1.06	-1.00
	MAX.	-1.00	0.59	1.96	3.75	5.11	3.67	1.03	0.80	1.04	1.12	1.70	1.31	5.11
	MIN.	-1.00	0.36	0.44	0.61	1.94	1.05	0.80	0.58	0.58	0.62	0.80	0.85	0.36
	MIS. D	31	0	0	0	0	0	0	0	0	0	0	0	31
1973	MEAN	2.01	-1.00	0.99	2.54	3.27	1.27	0.96	-1.00	-1.00	0.50	-1.00	0.68	-1.00
	MAX.	4.20	1.60	1.77	5.05	5.83	1.59	1.24	-1.00	0.72	0.60	0.38	0.98	5.83
	MIN.	1.04	0.99	0.76	0.94	1.62	1.06	0.73	-1.00	0.60	0.39	0.09	0.50	0.09
	MIS. D	0	12	0	0	0	0	0	31	15	0	17	0	75
1974	MEAN	0.50	-1.00	-1.00	-1.00	2.60	1.13	0.82	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	0.67	0.44	0.72	-1.00	4.94	1.81	0.94	-1.00	-1.00	-1.00	-1.00	-1.00	4.94
	MIN.	0.42	0.32	0.33	-1.00	1.36	0.74	0.71	-1.00	-1.00	-1.00	-1.00	-1.00	0.32
	MIS. D	0	14	21	30	0	0	0	31	30	31	30	31	218
1975	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.43	0.35	-1.00	-1.00	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.53	0.48	0.32	0.94	0.94
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.35	0.25	0.24	0.40	0.24
	MIS. D	31	28	31	30	31	30	31	31	0	0	22	14	279
1976	MEAN	0.61	0.46	0.43	0.90	1.48	0.91	0.63	-1.00	0.51	0.32	-1.00	-1.00	-1.00
	MAX.	2.03	0.61	0.73	2.25	2.59	1.59	0.81	0.54	0.99	0.39	0.27	-1.00	2.59
	MIN.	0.28	0.38	0.24	0.53	0.97	0.52	0.54	0.46	0.36	0.24	0.23	-1.00	0.23
	MIS. D	0	0	3	0	0	0	0	16	0	5	21	31	76
1977	MEAN	0.70	0.93	0.85	1.07	1.34	-1.00	0.47	0.40	0.38	0.50	0.78	1.23	-1.00
	MAX.	1.65	1.38	1.31	1.87	2.27	-1.00	0.65	0.48	1.01	0.78	0.98	3.02	3.02
	MIN.	0.27	0.48	0.51	0.65	0.79	-1.00	0.41	0.34	0.20	0.36	0.41	0.52	0.20
	MIS. D	4	0	0	0	0	30	0	0	0	0	0	0	34
1978	MEAN	1.63	0.83	1.29	2.44	-1.00	0.89	0.57	0.43	-1.00	-1.00	-1.00	2.36	-1.00
	MAX.	2.90	1.53	3.94	3.47	1.76	1.22	0.87	0.50	0.36	-1.00	3.04	3.84	3.94
	MIN.	1.13	0.54	0.54	1.28	1.16	0.63	0.47	0.37	0.27	-1.00	0.22	1.44	0.22
	MIS. D	0	0	0	0	15	0	0	0	15	31	17	0	78
1979	MEAN	1.39	2.27	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	2.12	4.43	4.98	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	4.98
	MIN.	1.04	1.08	1.08	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.04
	MIS. D	0	0	6	30	31	30	31	31	30	31	30	31	281
1980	MEAN	-1.00	-1.00	-1.00	0.79	1.65	0.51	0.42	0.35	0.30	-1.00	-1.00	1.00	-1.00
	MAX.	-1.00	-1.00	0.54	1.30	2.88	0.98	0.49	0.40	0.35	-1.00	1.07	2.32	2.88
	MIN.	-1.00	-1.00	0.41	0.44	0.95	0.42	0.36	0.32	0.22	-1.00	0.49	0.48	0.22
	MIS. D	31.00	29.00	15.00	0.00	0.00	0.00	1.00	0.00	0.00	31.00	16.00	0.00	123.00
1981	MEAN	0.46	-1.00	-1.00	1.58	2.11	0.80	0.51	0.41	0.40	-1.00	0.40	0.95	-1.00
	MAX.	0.66	0.46	0.75	3.10	5.22	1.06	0.58	0.46	0.49	0.64	0.56	2.23	5.22
	MIN.	0.30	0.35	0.20	0.71	1.07	0.58	0.42	0.38	0.32	0.24	0.24	0.48	0.20
	MIS. D	0.00	13.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	41.00
1982	MEAN	0.49	0.36	-1.00	0.78	1.35	0.63	0.76	0.64	0.40	-1.00	-1.00	-1.00	-1.00
	MAX.	0.77	0.69	0.61	1.95	2.80	0.84	1.49	0.87	0.46	0.54	-1.00	-1.00	2.80
	MIN.	0.34	0.26	0.28	0.28	0.63	0.54	0.54	0.42	0.35	0.44	-1.00	-1.00	0.26
	MIS. D	0	5	20	1	0	0	0	0	0	27	30	31	114
1983	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIS. D	31	28	31	30	31	30	31	31	30	31	30	31	365
1984	MEAN	0.86	0.71	-1.00	-1.00	-1.00	1.07	0.73	0.56	0.40	-1.00	1.36	0.89	-1.00
	MAX.	1.76	1.01	-1.00	-1.00	2.33	1.43	0.90	0.64	0.46	0.34	4.03	1.85	4.03
	MIN.	0.43	0.55	-1.00	-1.00	1.45	0.80	0.64	0.46	0.35	0.30	0.30	0.55	0.30
	MIS. D	0	0	31	30	15	0	0	0	0	16	0	0	92
1985	MEAN	0.50	0.54	0.52	1.35	2.47	0.69	0.61	0.45	-1.00	-1.00	-1.00	0.47	-1.00
	MAX.	0.70	0.73	0.82	3.32	4.50	0.98	0.77	0.52	0.43	-1.00	-1.00	0.65	4.50
	MIN.	0.39	0.38	0.38	0.46	1.06	0.57	0.52	0.40	0.40	-1.00	-1.00	0.29	0.29
	MIS. D	0	0	5	0	0	0	0	0	20	31	30	2	88
1986	MEAN	-1.00	0.52	0.51	2.57	-1.00	-1.00	0.61	-1.00	-1.00	-1.00	-1.00	1.13	-1.00
	MAX.	1.05	0.74	0.69	5.40	1.36	-1.00	1.01	0.52	-1.00	-1.00	1.38	1.68	5.40
	MIN.	0.40	0.42	0.42	0.60	0.92	-1.00	0.43	0.48	-1.00	-1.00	0.34	0.73	0.34
	MIS. D	10.00	0.00	0.00	0.00	6.00	30.00	0.00	16.00	30.00	31.00	21.00	0.00	144.00
1987	MEAN	-1.00	0.51	-1.00	-1.00	-1.00	0.66	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	1.52	0.68	0.61	0.66	1.74	0.86	0.57	-1.00	-1.00	-1.00	-1.00	-1.00	1.74
	MIN.	0.63	0.44	0.43	0.40	0.42	0.56	0.46	-1.00	-1.00	-1.00	-1.00	-1.00	0.40
	MIS. D	10.00	4.00	19.00	7.00	15.00	0.00	17.00	31.00	30.00	31.00	30.00	31.00	225.00
1988	MEAN	-1.00	-1.00	-1.00	1.11	0.75	0.47	0.48	-1.00	0.53	-1.00	-1.00	0.56	-1.00
	MAX.	0.68	1.17	1.86	1.48	1.17	0.58	0.54	0.40	0.64	0.40	0.77	0.74	1.86
	MIN.	0.42	0.42	0.42	0.58	0.44	0.40	0.40	0.40	0.42	0.40	0.41	0.42	0.40
	MIS. D	24	21	8	0	0	0	0	30	4	28	6	0	121
1989	MEAN	1.31	0.74	0.50	-1.00	-1.00	-1.00	0.59	-1.00	0.42	0.47	0.50	0.58	-1.00
	MAX.	1.78	0.99	0.59	1.98	1.98	-1.00	0.78	0.42	0.46	0.62	0.64	0.90	1.98
	MIN.	0.79	0.52	0.40	0.46	1.50	-1.00	0.40	0.38	0.40	0.34	0.38	0.41	0.34
	MIS. D	5	0	0	14	9	30	1	10	0	1	0	0	70

SUMMARY OF WATER LEVEL (m)

(6) 1HA1A

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1990	MEAN	0.46	0.58	-1.00	-1.00	-1.00	-1.00	0.54	0.45	0.47	0.57	-1.00	-1.00	-1.00
	MAX.	0.54	1.84	3.46	-1.00	-1.00	0.98	0.64	0.50	0.54	0.62	-1.00	0.88	3.46
	MIN.	0.40	0.32	2.00	-1.00	-1.00	0.68	0.47	0.42	0.42	0.52	-1.00	0.66	0.32
	MIS. D	0	0	16	30	31	11	0	1	0	0	30	15	134
1991	MEAN	0.67	0.63	0.50	-1.00	-1.00	0.84	0.61	0.47	0.47	-1.00	-1.00	-1.00	-1.00
	MAX.	0.74	0.70	0.61	0.95	-1.00	0.98	0.72	0.50	0.54	0.54	0.52	0.64	0.98
	MIN.	0.59	0.56	0.46	0.44	-1.00	0.72	0.50	0.44	0.42	0.38	0.30	0.54	0.30
	MIS. D	0.00	1.00	1.00	15.00	31.00	4.00	0.00	0.00	0.00	6.00	22.00	16.00	96.00
1992	MEAN	-1.00	0.57	0.45	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	1.88	1.20	0.74	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.88
	MIN.	0.72	0.46	0.40	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.40
	MIS. D	19.00	0.00	2.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	296.00
TOTAL AVERAGE	MEAN	0.97	0.89	0.93	1.98	2.19	1.08	0.76	0.60	0.51	0.50	0.87	1.00	1.02
	MEAN MAX.	1.83	1.52	1.91	3.45	3.56	1.57	1.01	0.77	0.70	0.87	1.45	1.79	1.70
	MEAN MIN.	0.55	0.55	0.56	0.95	1.33	0.80	0.61	0.48	0.40	0.34	0.47	0.64	0.64
	DATA No.	31.00	32.00	30.00	32.00	30.00	33.00	37.00	31.00	34.00	29.00	24.00	27.00	7.00
	AB. MAX.	5.47	4.43	5.89	5.86	5.83	3.67	2.45	1.98	2.60	4.28	5.23	5.88	5.89
AB. MIN.	0.03	0.12	0.13	0.28	0.44	0.40	0.30	0.24	0.12	0.02	0.06	0.03	0.02	

SUMMARY OF WATER LEVEL (m)

(7) 1HA5

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1953	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.34	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.52	1.07	1.07
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.22	0.16	0.16
	MIS. D	31	28	31	30	31	30	31	31	30	31	11	2	317
1954	MEAN	0.78	0.52	0.65	1.23	1.94	0.85	0.51	0.38	0.28	0.47	0.27	0.18	0.68
	MAX.	2.29	1.48	1.56	1.93	2.48	1.34	0.59	0.44	0.40	3.44	0.43	0.41	3.44
	MIN.	0.46	0.27	0.35	0.65	1.35	0.59	0.41	0.32	0.20	0.15	0.18	0.09	0.09
	MIS. D	0	0	0	0	0	0	1	0	0	0	0	0	1
1955	MEAN	-1.00	1.00	0.52	1.37	1.91	1.20	0.78	0.51	0.34	0.30	0.50	0.55	-1.00
	MAX.	0.09	1.62	1.04	2.30	2.71	2.00	1.02	0.75	0.40	0.47	0.87	1.26	2.71
	MIN.	0.05	0.34	0.34	0.43	1.19	0.93	0.58	0.40	0.27	0.12	0.27	0.30	0.05
	MIS. D	21	2	0	0	0	0	0	0	0	0	0	0	23
1956	MEAN	0.86	0.99	1.01	1.66	1.81	0.99	0.58	0.41	0.41	0.25	0.31	-1.00	-1.00
	MAX.	1.32	1.94	1.52	2.48	3.43	1.36	0.73	0.49	0.47	0.58	0.66	0.43	3.43
	MIN.	0.49	0.53	0.73	0.73	1.23	0.73	0.49	0.34	0.30	0.12	0.14	0.06	0.06
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	8	8
1957	MEAN	0.51	0.73	0.46	1.29	2.05	0.81	0.52	0.44	0.39	0.57	0.64	0.67	0.76
	MAX.	2.01	1.77	1.08	2.27	3.46	1.14	0.61	0.59	1.11	0.90	0.85	0.78	3.46
	MIN.	0.21	0.30	0.30	0.59	1.20	0.61	0.46	0.34	0.30	0.46	0.52	0.55	0.21
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	MEAN	0.49	0.61	0.82	1.42	1.57	1.02	0.60	0.47	0.40	0.25	-1.00	0.50	-1.00
	MAX.	0.66	1.51	1.80	2.77	2.91	1.58	0.73	0.66	0.46	0.38	0.15	1.95	2.91
	MIN.	0.34	0.30	0.37	0.78	0.85	0.75	0.49	0.40	0.34	0.15	0.03	0.24	0.03
	MIS. D	0	0	0	0	0	0	0	0	0	0	15	5	20
1959	MEAN	0.51	0.75	0.82	0.81	1.20	0.57	0.49	0.53	0.57	0.45	0.41	0.43	0.63
	MAX.	1.74	2.58	2.28	1.71	1.66	0.73	0.65	1.30	0.84	0.70	0.55	0.61	2.58
	MIN.	0.24	0.37	0.40	0.41	0.76	0.46	0.40	0.37	0.43	0.40	0.27	0.27	0.24
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	MEAN	0.80	0.51	0.84	2.46	1.43	0.97	0.69	0.48	0.39	0.31	0.39	-1.00	-1.00
	MAX.	1.72	0.76	1.46	3.47	1.98	1.22	1.31	0.67	0.44	0.38	0.73	0.21	3.47
	MIN.	0.24	0.40	0.40	1.52	0.94	0.82	0.52	0.40	0.34	0.24	0.24	0.03	0.03
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	11	11
1961	MEAN	-1.00	-1.00	0.71	0.89	1.33	0.77	1.26	0.92	0.73	1.18	2.54	1.94	-1.00
	MAX.	-1.00	3.34	0.90	2.35	1.83	0.91	2.18	1.34	0.91	1.75	3.55	2.51	3.55
	MIN.	-1.00	0.44	0.52	0.52	0.91	0.67	0.84	0.73	0.67	0.78	1.92	1.55	0.44
	MIS. D	31	8	0	0	0	0	0	0	0	0	0	0	39
1962	MEAN	2.32	1.36	1.38	1.46	1.63	1.21	1.10	1.11	1.06	0.97	0.96	0.97	1.30
	MAX.	3.51	1.54	1.72	1.89	2.16	1.31	1.23	1.25	1.16	1.04	1.11	1.31	3.51
	MIN.	1.58	1.28	1.25	1.19	1.33	1.13	1.04	1.01	0.98	0.91	0.91	0.85	0.85
	MIS. D	0	0	0	0	0	0	0	0	1	0	0	0	1
1963	MEAN	1.31	1.15	1.35	2.15	-1.00	1.19	1.13	0.91	-0.81	0.55	1.45	1.86	-1.00
	MAX.	1.80	1.22	1.89	2.83	-1.00	1.48	1.52	1.10	0.87	0.77	2.80	2.35	2.83
	MIN.	1.08	1.07	1.07	1.39	-1.00	1.10	0.98	0.77	0.74	0.32	0.52	1.34	0.32
	MIS. D	0	0	0	0	31	0	0	0	0	1	0	0	32
1964	MEAN	1.51	0.97	1.42	2.49	1.48	1.08	0.85	0.71	0.64	0.68	0.59	0.48	1.07
	MAX.	2.19	1.10	2.07	2.87	1.97	1.23	0.94	0.79	0.78	1.16	0.75	0.55	2.87
	MIN.	1.10	0.85	0.98	2.00	1.19	0.94	0.79	0.67	0.59	0.49	0.49	0.40	0.40
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	MEAN	0.91	0.73	0.68	1.77	1.10	1.12	0.70	0.61	0.56	0.84	1.13	1.08	0.94
	MAX.	1.91	1.22	1.02	2.87	1.84	2.09	0.79	0.67	0.68	1.39	1.55	1.65	2.87
	MIN.	0.61	0.58	0.52	0.79	0.88	0.81	0.64	0.58	0.52	0.58	0.85	0.88	0.52
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	MEAN	0.97	1.36	1.24	1.90	1.23	0.75	0.53	0.37	0.28	0.22	0.31	0.66	0.81
	MAX.	1.30	1.86	2.23	3.02	1.66	0.93	0.82	0.49	0.43	0.53	0.50	0.82	3.02
	MIN.	0.79	1.01	0.98	1.46	0.79	0.58	0.40	0.30	0.21	0.15	0.21	0.55	0.15
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	MEAN	0.46	0.47	0.45	1.47	1.88	1.53	1.13	1.19	1.49	1.17	1.34	1.71	1.19
	MAX.	0.55	0.69	0.70	3.23	2.73	2.29	1.71	1.94	2.21	1.98	1.94	2.50	3.23
	MIN.	0.40	0.37	0.34	0.27	1.30	1.04	0.91	0.91	1.07	0.94	1.01	1.25	0.27
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	MEAN	1.17	0.81	1.47	2.68	1.53	1.47	1.05	0.84	0.73	0.63	0.90	1.19	1.21
	MAX.	1.40	1.19	3.26	3.66	1.95	1.86	1.33	0.94	0.79	0.70	1.58	1.69	3.66
	MIN.	0.88	0.70	0.76	2.01	1.34	1.16	0.94	0.79	0.67	0.61	0.55	0.81	0.55
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	MEAN	0.68	0.85	1.04	1.57	1.63	1.04	0.88	0.93	0.79	0.76	0.82	0.69	0.97
	MAX.	0.79	1.20	1.45	2.13	2.65	1.28	1.16	1.05	0.91	1.04	1.23	0.91	2.65
	MIN.	0.61	0.61	0.73	1.10	1.05	0.88	0.79	0.79	0.70	0.64	0.61	0.52	0.52
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	MEAN	0.93	1.33	1.13	1.61	1.15	0.74	0.56	0.46	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	1.78	2.46	2.10	2.27	1.42	0.94	0.65	0.52	-1.00	-1.00	-1.00	-1.00	2.46
	MIN.	0.49	0.85	0.84	1.27	0.95	0.64	0.50	0.43	-1.00	-1.00	-1.00	-1.00	0.43
	MIS. D	0	0	0	0	0	0	0	0	30	31	30	31	122
TOTAL AVERAGE	MEAN	0.95	0.88	0.94	1.66	1.55	1.02	0.79	0.66	0.62	0.60	0.84	0.89	0.95
	MEAN MAX.	1.66	1.51	1.65	2.59	2.30	1.39	1.06	0.88	0.80	1.08	1.27	1.36	1.46
	MEAN MIN.	0.64	0.61	0.84	1.01	1.08	0.81	0.66	0.56	0.52	0.44	0.58	0.65	0.68
	DATA No.	15	16	17	17	16	17	17	17	16	16	15	15	10
	AB. MAX.	3.51	2.58	3.26	3.66	3.46	2.29	2.18	1.94	2.21	3.44	3.55	2.51	3.66
AB. MIN.	0.21	0.27	0.30	0.27	0.76	0.46	0.40	0.30	0.20	0.12	0.14	0.09	0.09	

SUMMARY OF WATER LEVEL (m)

(8) 1HA15

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1968	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.94	1.27	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.67	1.91	2.12	2.12
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.52	0.47	0.74	0.47
	MIS. D	31	29	31	30	31	30	31	31	31	30	13	0	0
1969	MEAN	0.55	0.80	1.08	1.71	1.91	0.92	0.63	0.67	0.53	0.54	0.67	0.55	0.88
	MAX.	0.70	1.34	1.60	2.54	3.53	1.37	0.96	0.89	0.74	0.89	1.24	0.79	3.53
	MIN.	0.47	0.49	0.64	1.06	0.97	0.65	0.49	0.54	0.43	0.37	0.40	0.34	0.34
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	1	0
1970	MEAN	0.79	1.31	1.12	1.73	1.18	0.60	0.37	0.25	0.47	-1.00	0.12	-1.00	-1.00
	MAX.	1.87	2.68	2.26	2.51	1.52	0.85	0.45	0.30	1.07	0.50	0.23	1.24	2.68
	MIN.	0.28	0.77	0.76	1.35	0.88	0.45	0.30	0.21	0.21	0.24	0.03	0.09	0.03
	MIS. D	0	0	0	0	0	0	0	0	0	16	4	6	26
1971	MEAN	0.92	0.85	0.33	1.34	1.38	0.77	0.69	0.36	0.20	0.09	-1.00	-1.00	-1.00
	MAX.	2.05	2.05	0.79	2.47	1.85	1.05	1.14	0.53	0.29	0.18	0.07	-1.00	2.47
	MIN.	0.30	0.40	0.19	0.62	0.78	0.62	0.51	0.24	0.11	0.02	0.01	-1.00	0.01
	MIS. D	0	0	0	0	0	0	0	0	0	0	18	31	49
1972	MEAN	0.55	0.20	0.68	1.49	2.09	1.10	0.58	0.33	0.36	-1.00	0.99	0.82	-1.00
	MAX.	1.99	0.76	2.04	2.74	2.93	2.03	0.69	0.50	0.68	-1.00	1.46	1.33	2.93
	MIN.	0.16	0.08	0.25	0.39	1.35	0.64	0.50	0.25	0.25	-1.00	0.49	0.61	0.08
	MIS. D	4	0	0	0	0	0	0	0	0	31	0	0	35
1973	MEAN	1.36	0.96	0.69	1.65	2.07	0.84	-1.00	0.43	0.28	0.64	-1.00	0.43	-1.00
	MAX.	3.29	1.35	1.39	3.35	4.00	1.05	0.70	0.54	0.37	1.23	1.00	1.01	4.00
	MIN.	0.58	0.63	0.44	0.64	1.03	0.70	0.41	0.37	0.20	0.23	0.50	0.25	0.20
	MIS. D	0	0	0	0	0	0	16	0	0	0	15	0	31
1974	MEAN	0.19	-1.00	-1.00	1.37	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	0.32	1.75	0.17	3.60	-1.00	-1.00	-1.00	0.36	0.33	-1.00	-1.00	-1.00	3.60
	MIN.	0.12	0.25	0.01	0.10	-1.00	-1.00	-1.00	0.28	0.23	-1.00	-1.00	-1.00	0.01
	MIS. D	0	19	7	0	31	30	31	15	15	31	30	31	240
1975	MEAN	-1.00	0.97	1.12	1.51	-1.00	1.16	0.81	0.64	0.65	0.51	0.48	0.30	-1.00
	MAX.	1.30	1.20	1.64	1.95	2.31	1.65	0.94	0.70	0.97	0.59	0.66	0.96	2.31
	MIN.	0.45	0.69	0.70	0.74	1.22	0.99	0.70	0.60	0.48	0.48	0.23	0.02	0.02
	MIS. D	11	0	0	2	11	0	0	0	0	0	0	0	24
1976	MEAN	-1.00	0.63	0.59	1.12	1.50	1.13	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	-1.00	1.33	1.32	1.74	1.96	1.81	1.01	-1.00	-1.00	-1.00	0.59	0.55	1.96
	MIN.	-1.00	0.50	0.24	0.71	1.05	0.88	0.00	-1.00	-1.00	-1.00	0.51	0.52	0.00
	MIS. D	31	0	0	0	0	0	26	31	30	31	23	25	197
1977	MEAN	1.04	1.14	0.95	1.28	1.37	-1.00	0.78	0.62	-1.00	0.95	1.46	1.64	-1.00
	MAX.	1.87	1.84	2.05	1.97	2.14	1.59	0.94	0.77	1.77	1.45	2.22	2.47	2.47
	MIN.	0.53	0.50	0.56	0.98	0.92	0.99	0.70	0.54	0.50	0.72	1.27	1.20	0.50
	MIS. D	0	0	0	0	0	17	0	0	11	0	0	0	28
1978	MEAN	1.58	1.13	1.26	2.02	1.72	1.21	0.87	0.69	-1.00	0.40	-1.00	2.03	-1.00
	MAX.	1.97	1.93	2.01	2.47	2.55	1.45	1.03	0.77	-1.00	0.45	-1.00	3.37	3.37
	MIN.	1.30	0.86	0.94	1.35	1.41	1.04	0.78	0.62	-1.00	0.35	-1.00	1.56	0.35
	MIS. D	0	0	1	1	0	0	0	1	30	2	30	0	65
1979	MEAN	1.52	1.81	2.02	2.60	-1.00	-1.00	-1.00	0.76	0.65	-1.00	-1.00	-1.00	-1.00
	MAX.	1.95	2.54	3.64	3.41	-1.00	-1.00	0.99	0.90	0.78	0.82	0.94	0.97	3.64
	MIN.	1.24	1.48	1.23	1.86	-1.00	-1.00	0.90	0.64	0.50	0.50	0.50	0.50	0.50
	MIS. D	0	0	0	0	31	30	23	0	0	18	13	17	132
1980	MEAN	-1.00	0.65	0.64	-1.00	-1.00	0.74	-1.00	-1.00	-1.00	-1.00	-1.00	0.92	-1.00
	MAX.	0.94	0.99	0.99	1.38	1.95	1.05	0.57	0.53	-1.00	-1.00	0.92	1.25	1.95
	MIN.	0.50	0.50	0.50	1.00	1.13	0.57	0.50	0.50	-1.00	-1.00	0.57	0.54	0.50
	MIS. D	12	2	5	16	16	0	12	26	30	31	17	1	168
1981	MEAN	-1.00	-1.00	-1.00	1.53	1.67	0.89	0.61	0.52	-1.00	0.46	0.48	0.85	-1.00
	MAX.	0.99	0.68	1.32	1.92	3.76	1.14	0.67	0.59	0.61	0.83	1.09	1.28	3.76
	MIN.	0.50	0.50	0.56	1.07	1.06	0.68	0.54	0.50	0.50	0.29	0.30	0.45	0.29
	MIS. D	13	9	24	0	0	0	0	2	12	2	0	2	64
1982	MEAN	-1.00	0.38	0.32	-1.00	-1.00	-1.00	-1.00	-1.00	0.49	1.58	1.27	-1.00	-1.00
	MAX.	0.62	0.49	1.00	1.37	1.96	-1.00	1.51	1.07	0.59	3.58	1.98	1.97	3.58
	MIN.	0.42	0.26	0.08	0.38	1.00	-1.00	1.01	0.56	0.43	0.48	0.65	1.24	0.08
	MIS. D	16.00	0.00	3.00	9.00	10.00	30.00	24.00	23.00	0.00	0.00	0.00	17.00	132.00
1983	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	1.69	-1.00	-1.00	-1.00	-1.00	-1.00	0.23	-1.00
	MAX.	1.40	-1.00	1.18	1.39	2.26	1.81	-1.00	-1.00	-1.00	-1.00	0.37	1.02	2.26
	MIN.	1.01	-1.00	1.08	1.00	1.15	1.00	-1.00	-1.00	-1.00	-1.00	0.16	0.12	0.12
	MIS. D	23.00	28.00	28.00	15.00	2.00	6.00	31.00	31.00	30.00	31.00	17.00	0.00	242.00
1984	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	1.06	-1.00	0.61	0.46	0.23	1.46	0.91	-1.00
	MAX.	1.52	-1.00	-1.00	-1.00	1.63	1.30	0.99	0.71	0.53	0.34	2.64	1.79	2.64
	MIN.	0.50	-1.00	-1.00	-1.00	1.08	0.91	0.78	0.54	0.38	0.10	0.92	0.47	0.10
	MIS. D	16	29	31	30	17	0	16	0	0	0	1	0	140
1985	MEAN	-1.00	0.90	-1.00	1.02	1.82	0.85	-1.00	-1.00	-1.00	-1.00	-1.00	0.67	-1.00
	MAX.	0.71	1.36	1.08	1.61	3.37	1.05	-1.00	-1.00	-1.00	-1.00	0.64	0.81	3.37
	MIN.	0.29	0.72	0.76	0.60	1.09	0.72	-1.00	-1.00	-1.00	-1.00	0.62	0.52	0.29
	MIS. D	6	0	25	0	0	5	31	31	30	31	25	0	184
1986	MEAN	0.87	0.67	-1.00	1.86	1.61	1.48	0.64	-1.00	-1.00	0.43	-1.00	-1.00	-1.00
	MAX.	1.78	0.88	0.99	3.40	3.21	1.81	0.87	0.72	0.58	0.58	0.96	0.99	3.40
	MIN.	0.46	0.50	0.50	1.01	1.13	0.90	0.54	0.50	0.50	0.30	0.50	0.88	0.30
	MIS. D	0	0	25	1	1	4	0	9	23	0	13	23	99
1987	MEAN	-1.00	0.67	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.47	-1.00
	MAX.	3.36	0.78	-1.00	0.93	-1.00	1.00	-1.00	-1.00	-1.00	-1.00	0.61	0.70	3.36
	MIN.	0.90	0.58	-1.00	0.53	-1.00	0.60	-1.00	-1.00	-1.00	-1.00	0.26	0.20	0.20
	MIS. D	23	0	31	11	31	12	31	31	30	31	16	0	247

SUMMARY OF WATER LEVEL (m)

(8) 1HA15

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1988	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	-1.00	0.76	0.64	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.76
	MIN.	-1.00	0.30	0.22	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.22
	MIS. D	31	9	11	30	31	30	31	31	30	31	30	31	326
1989	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIS. D	31	28	31	30	31	30	31	31	30	31	30	31	365
1990	MEAN	-1.00	-1.00	2.22	2.44	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	-1.00	0.85	3.46	3.78	2.13	-1.00	-1.00	-1.00	1.19	1.36	1.97	0.31	3.78
	MIN.	-1.00	0.16	2.00	2.00	2.00	-1.00	-1.00	-1.00	1.04	1.02	1.69	0.17	0.16
	MIS. D	31	14	0	0	16	30	31	31	18	10	24	16	221
1991	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.67	0.22	0.45	-1.00	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.88	0.24	1.47	3.57	3.57
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.57	0.20	0.18	0.40	0.18
	MIS. D	31	28	31	30	31	30	31	31	0	0	0	6	249
1992	MEAN	-1.00	-1.00	-1.00	-1.00	1.79	-1.00	0.86	-1.00	-1.00	0.23	0.80	0.78	-1.00
	MAX.	1.63	-1.00	-1.00	-1.00	2.78	1.27	1.00	-1.00	-1.00	0.27	3.24	1.29	3.24
	MIN.	0.60	-1.00	-1.00	-1.00	1.29	0.66	0.76	-1.00	-1.00	0.18	0.09	0.44	0.09
	MIS. D	18	29	31	30	0	14	0	31	30	0	0	0	183
TOTAL AVERAGE	MEAN	0.94	0.87	1.01	1.64	1.68	0.98	0.68	0.54	0.48	0.53	0.84	0.85	0.92
	MEAN MAX.	1.78	1.43	1.86	2.63	2.76	1.35	0.87	0.65	0.69	0.89	1.65	1.44	1.50
	MEAN MIN.	0.54	0.60	0.65	0.96	1.08	0.75	0.58	0.46	0.35	0.31	0.46	0.53	0.61
	DATA No.	10	15	13	15	13	13	10	11	10	12	11	14	1
	AB. MAX.	3.29	2.68	3.64	3.78	4.00	2.03	1.14	0.90	1.07	3.58	3.24	3.37	4.00
AB. MIN.	0.12	0.08	0.08	0.10	0.78	0.45	0.30	0.21	0.11	0.02	0.03	0.02	0.02	

SUMMARY OF WATER LEVEL (m)

(9) 1HB1

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1953	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.20	0.24	0.30	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.27	0.57	0.77	0.77
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.15	0.12	0.14	0.12
	MIS. D	31	28	31	30	31	30	31	31	30	0	0	0	273
1954	MEAN	0.62	0.30	0.46	-1.00	1.06	0.48	0.27	0.18	0.12	0.11	0.28	0.18	-1.00
	MAX.	1.77	0.73	1.16	-1.00	2.77	0.67	0.34	0.21	0.12	0.12	0.64	0.50	2.77
	MIN.	0.34	0.16	0.27	-1.00	0.65	0.34	0.21	0.12	0.09	0.09	0.12	0.11	0.09
	MIS. D	0	0	0	30	0	0	0	0	0	0	0	0	30
1955	MEAN	0.28	0.96	0.49	1.41	1.57	0.85	0.51	0.33	0.25	0.21	0.34	0.39	0.63
	MAX.	0.93	1.94	1.20	2.61	3.35	1.37	0.75	0.40	0.27	0.37	1.16	0.74	3.35
	MIN.	0.03	0.27	0.27	0.81	0.98	0.68	0.43	0.27	0.24	0.13	0.12	0.17	0.03
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1956	MEAN	0.96	0.93	1.00	1.78	1.29	0.62	0.41	0.28	0.23	0.17	0.29	0.35	0.69
	MAX.	2.23	2.12	1.98	2.67	2.94	0.78	0.49	0.34	0.29	0.24	0.88	1.52	2.94
	MIN.	0.41	0.61	0.59	1.07	0.79	0.50	0.34	0.24	0.18	0.14	0.15	0.12	0.12
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	MEAN	0.59	0.47	0.54	1.46	1.59	0.69	0.43	0.32	0.36	0.30	0.42	0.51	0.64
	MAX.	2.41	1.37	1.34	2.71	3.02	0.91	0.52	0.44	1.87	0.44	0.70	1.05	3.02
	MIN.	0.27	0.24	0.24	0.55	0.90	0.52	0.37	0.27	0.21	0.21	0.27	0.27	0.21
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	MEAN	0.35	0.54	1.19	1.52	1.18	0.67	0.46	0.36	0.29	0.22	0.25	0.53	0.63
	MAX.	0.71	1.43	2.29	3.34	2.45	0.88	0.55	0.40	0.38	0.24	0.53	1.49	3.34
	MIN.	0.24	0.21	0.37	0.82	0.76	0.55	0.40	0.34	0.24	0.18	0.18	0.27	0.18
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	MEAN	0.42	0.55	0.69	0.69	0.57	0.38	0.30	0.32	0.23	0.19	0.22	0.27	0.40
	MAX.	0.82	1.05	1.40	1.74	0.84	1.10	0.55	0.88	0.32	0.34	0.40	0.53	1.74
	MIN.	0.27	0.30	0.40	0.40	0.40	0.27	0.24	0.20	0.18	0.15	0.15	0.18	0.15
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	MEAN	0.56	0.40	0.95	1.81	1.15	0.70	0.59	0.47	0.39	0.41	0.35	0.27	0.67
	MAX.	2.04	0.66	1.69	2.62	1.98	0.82	0.75	0.52	0.44	0.84	0.49	0.30	2.62
	MIN.	0.15	0.27	0.55	1.10	0.78	0.61	0.52	0.43	0.37	0.30	0.30	0.24	0.15
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	MEAN	0.32	1.17	0.96	1.31	1.32	0.73	0.79	0.58	0.53	0.79	1.85	1.51	0.99
	MAX.	0.79	2.29	1.89	3.75	2.29	0.88	1.40	0.67	0.87	1.33	2.90	2.44	3.75
	MIN.	0.21	0.62	0.67	0.66	0.90	0.62	0.61	0.52	0.49	0.49	1.40	1.23	0.21
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	MEAN	1.45	1.19	1.15	1.06	0.74	0.52	0.48	0.44	0.43	0.41	0.40	0.39	0.72
	MAX.	2.77	1.45	1.49	1.49	1.45	0.55	0.56	0.49	0.43	0.43	0.43	0.56	2.77
	MIN.	1.13	1.10	0.93	0.91	0.55	0.52	0.43	0.43	0.43	0.40	0.40	0.32	0.32
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	MEAN	0.53	0.39	0.63	1.11	0.40	0.29	0.27	0.24	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	1.49	0.93	1.92	3.11	0.88	0.43	0.34	0.24	-1.00	-1.00	-1.00	-1.00	3.11
	MIN.	0.30	0.27	0.30	0.49	0.30	0.27	0.24	0.24	-1.00	-1.00	-1.00	-1.00	0.24
	MIS. D	0	0	0	0	0	0	0	0	30	31	30	31	122
TOTAL AVERAGE	MEAN	0.61	0.69	0.81	1.35	1.09	0.59	0.45	0.35	0.31	0.30	0.47	0.47	0.62
	MEAN MAX.	1.60	1.40	1.62	2.67	2.20	0.84	0.62	0.46	0.56	0.46	0.87	0.99	1.19
	MEAN MIN.	0.34	0.41	0.46	0.76	0.70	0.49	0.38	0.31	0.27	0.22	0.32	0.31	0.41
	DATA No.	10	10	10	9	10	10	10	10	10	9	10	10	8
	AB. MAX.	2.77	2.29	2.29	3.75	3.35	1.37	1.40	0.88	1.87	1.33	2.90	2.44	3.75
AB. MIN.	0.03	0.16	0.24	0.40	0.30	0.27	0.21	0.12	0.09	0.09	0.12	0.11	0.03	

SUMMARY OF WATER LEVEL (m)

(10) 1HB2

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1959	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.46	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.59	0.59
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.40	0.40
	MIS. D	31	28	31	30	31	30	31	31	30	31	30	0	334
1960	MEAN	0.57	0.44	0.65	0.85	0.59	0.50	0.43	0.39	0.35	0.41	0.36	0.31	0.49
	MAX.	1.45	0.52	0.93	1.04	0.67	0.55	0.49	0.43	0.37	0.62	0.43	0.34	1.45
	MIN.	0.37	0.40	0.46	0.64	0.52	0.49	0.43	0.35	0.34	0.34	0.34	0.30	0.30
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	MEAN	0.32	0.59	0.57	0.66	0.60	0.47	0.44	0.39	0.41	0.66	1.15	0.72	0.58
	MAX.	0.38	1.02	0.76	1.10	0.70	0.55	0.58	0.43	0.69	1.50	1.48	1.16	1.50
	MIN.	0.29	0.34	0.46	0.43	0.52	0.43	0.40	0.37	0.37	0.43	0.81	0.61	0.29
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	MEAN	-1.00	-1.00	-1.00	0.64	0.62	0.51	0.46	0.49	0.45	0.45	0.47	-1.00	-1.00
	MAX.	1.50	-1.00	0.66	0.78	0.70	0.55	0.49	0.67	0.64	0.90	0.82	1.04	1.50
	MIN.	1.01	-1.00	0.52	0.55	0.52	0.49	0.43	0.43	0.43	0.41	0.40	0.40	0.40
	MIS. D	27	28	6	0	0	0	0	0	0	0	0	0	12
1963	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	0.49	0.41	0.37	0.32	0.30	0.56	0.55	-1.00
	MAX.	1.10	-1.00	-1.00	-1.00	-1.00	0.59	0.44	0.40	0.40	0.34	0.94	0.84	1.10
	MIN.	0.58	-1.00	-1.00	-1.00	-1.00	0.44	0.40	0.37	0.30	0.27	0.27	0.41	0.27
	MIS. D	18	28	31	30	31	0	0	0	0	0	0	0	138
1964	MEAN	0.60	0.50	0.56	0.87	0.59	0.47	0.40	0.36	0.33	0.37	0.31	0.36	0.48
	MAX.	0.79	0.56	1.10	1.48	0.72	0.55	0.43	0.44	0.35	0.56	0.44	0.78	1.48
	MIN.	0.50	0.44	0.40	0.72	0.49	0.43	0.37	0.34	0.30	0.30	0.29	0.30	0.29
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	MEAN	0.44	0.41	0.42	0.76	0.56	0.46	0.40	0.38	0.39	0.47	0.64	0.59	0.49
	MAX.	0.70	0.58	0.66	1.01	0.87	0.53	0.43	0.46	0.69	0.84	1.26	0.67	1.26
	MIN.	0.37	0.37	0.37	0.58	0.44	0.43	0.40	0.37	0.34	0.41	0.40	0.52	0.34
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	MEAN	0.60	0.81	0.71	0.90	0.67	0.53	0.44	0.38	0.37	0.42	0.42	0.42	0.55
	MAX.	1.23	1.01	0.98	1.22	0.70	0.62	0.49	0.43	0.37	0.84	0.64	0.58	1.23
	MIN.	0.46	0.61	0.58	0.72	0.58	0.49	0.40	0.37	0.37	0.34	0.34	0.35	0.34
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	MEAN	0.33	0.43	0.39	0.59	0.72	0.61	0.50	0.46	0.63	0.55	0.69	0.63	0.54
	MAX.	0.37	0.61	0.49	0.91	0.88	0.73	0.69	0.70	1.08	0.85	1.01	0.73	1.08
	MIN.	0.30	0.34	0.34	0.35	0.61	0.52	0.46	0.37	0.46	0.49	0.58	0.58	0.30
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	MEAN	0.55	0.51	0.67	0.94	0.71	0.64	0.47	0.40	0.36	0.33	0.52	0.54	0.55
	MAX.	0.62	0.90	1.02	1.11	0.87	0.84	0.52	0.49	0.37	0.46	1.01	0.75	1.11
	MIN.	0.49	0.44	0.52	0.78	0.61	0.52	0.43	0.37	0.34	0.30	0.30	0.44	0.30
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	MEAN	0.43	0.43	0.59	0.73	0.77	0.51	0.42	0.35	0.32	0.33	0.43	0.43	0.48
	MAX.	0.59	0.79	0.81	1.07	1.58	0.58	0.46	0.43	0.47	0.44	1.13	0.96	1.58
	MIN.	0.38	0.38	0.50	0.56	0.58	0.46	0.40	0.30	0.30	0.27	0.27	0.35	0.27
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	MEAN	0.49	0.63	0.63	0.73	0.60	0.47	0.40	0.35	0.44	0.38	0.37	0.68	0.51
	MAX.	0.81	1.07	0.84	1.33	0.69	0.52	0.43	0.37	0.85	0.56	0.59	1.33	1.33
	MIN.	0.40	0.49	0.52	0.56	0.52	0.43	0.37	0.34	0.34	0.34	0.34	0.35	0.34
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	MEAN	0.67	0.64	0.58	0.75	0.68	-1.00	0.58	0.55	0.53	0.51	0.48	0.57	-1.00
	MAX.	0.94	0.87	0.84	0.87	0.73	0.62	0.66	0.55	0.56	0.55	0.55	0.75	0.94
	MIN.	0.64	0.58	0.55	0.67	0.64	0.58	0.55	0.52	0.52	0.50	0.40	0.50	0.40
	MIS. D	0	0	0	0	0	15	0	0	0	0	0	0	15
1972	MEAN	-1.00	0.36	0.48	0.65	0.69	0.56	0.45	0.40	0.44	0.53	0.61	0.57	-1.00
	MAX.	-1.00	1.10	0.60	0.85	1.10	0.70	0.50	0.45	0.75	0.75	0.85	0.70	1.10
	MIN.	-1.00	0.30	0.40	0.50	0.40	0.50	0.40	0.40	0.30	0.40	0.50	0.50	0.30
	MIS. D	31	0	0	0	0	0	0	0	0	0	0	0	31
1973	MEAN	0.70	0.55	0.50	0.75	0.82	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.61	-1.00
	MAX.	1.80	0.70	0.50	1.05	1.35	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.75	1.80
	MIN.	0.60	0.50	0.50	0.50	0.60	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.60	0.50
	MIS. D	0.00	0.00	0.00	0.00	0.00	30.00	31.00	31.00	30.00	31.00	30.00	30.00	183.00
1974	MEAN	0.60	0.54	0.56	0.70	0.71	0.60	0.60	0.55	0.50	0.50	0.53	0.52	0.58
	MAX.	0.65	0.60	1.00	0.90	0.85	0.60	0.60	0.60	0.60	0.50	0.75	0.75	1.00
	MIN.	0.60	0.50	0.50	0.55	0.60	0.60	0.60	0.50	0.50	0.50	0.50	0.50	0.50
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	MEAN	0.60	0.53	0.62	0.77	0.72	0.65	0.60	0.60	-1.00	0.58	0.57	0.57	-1.00
	MAX.	0.90	0.65	0.80	0.95	1.00	0.70	0.60	0.60	0.60	0.60	0.65	0.70	1.00
	MIN.	0.50	0.50	0.50	0.60	0.70	0.60	0.60	0.60	0.60	0.50	0.50	0.50	0.50
	MIS. D	0	0	0	0	0	0	0	0	18	0	0	0	18
1976	MEAN	0.51	0.50	0.61	0.75	0.69	0.50	0.42	0.40	0.41	0.40	0.40	0.41	0.50
	MAX.	0.60	0.60	1.25	1.00	0.90	0.50	0.50	0.40	0.60	0.40	0.40	0.70	1.25
	MIN.	0.50	0.50	0.50	0.60	0.55	0.50	0.40	0.40	0.40	0.40	0.30	0.40	0.30
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	MEAN	0.51	0.46	0.45	0.54	0.52	0.40	0.33	0.30	0.39	0.36	0.64	0.77	0.47
	MAX.	1.00	0.75	0.60	0.70	0.75	0.50	0.40	0.30	1.15	0.85	1.25	1.20	1.25
	MIN.	0.40	0.40	0.40	0.40	0.40	0.40	0.30	0.30	0.30	0.30	0.40	0.50	0.30
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	MEAN	0.68	0.58	0.59	0.80	0.60	0.45	0.40	0.30	0.30	0.29	0.52	0.88	-1.00
	MAX.	0.80	0.60	0.90	1.05	0.75	0.50	0.40	0.35	0.30	0.30	1.50	1.50	1.50
	MIN.	0.60	0.50	0.30	0.60	0.50	0.40	0.35	0.30	0.30	0.20	0.30	0.60	0.20
	MIS. D	0	0	0	0	1	0	0	0	0	0	0	0	1

SUMMARY OF WATER LEVEL (m)

(10) 1HB2

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1979	MEAN	0.63	0.68	0.77	1.01	0.80	0.70	0.56	0.50	0.48	0.45	0.46	0.49	0.63
	MAX.	0.80	0.95	1.20	1.25	1.25	0.95	0.60	0.50	0.60	0.70	0.90	1.00	1.25
	MIN.	0.60	0.60	0.60	0.70	0.70	0.60	0.50	0.50	0.40	0.40	0.40	0.40	0.40
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	MEAN	0.55	0.60	0.58	0.62	0.71	0.54	0.50	0.46	0.44	0.41	0.48	0.55	0.54
	MAX.	1.05	1.15	0.90	1.15	1.00	0.60	0.50	0.50	0.50	0.50	0.90	1.40	1.40
	MIN.	0.50	0.50	0.50	0.50	0.55	0.50	0.50	0.40	0.40	0.40	0.40	0.40	0.40
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	MEAN	0.40	0.38	0.38	0.49	0.62	0.38	0.30	0.30	0.27	0.26	0.28	0.51	0.38
	MAX.	0.50	0.45	0.55	0.80	1.40	0.40	0.35	0.30	0.30	0.40	0.45	0.80	1.40
	MIN.	0.30	0.30	0.30	0.40	0.40	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	MEAN	0.54	0.44	0.47	0.66	0.61	0.44	0.40	0.22	0.23	0.65	0.56	0.74	0.50
	MAX.	0.90	0.55	0.60	1.25	0.85	0.50	0.40	0.30	0.70	1.45	1.25	1.15	1.45
	MIN.	0.50	0.40	0.40	0.50	0.50	0.40	0.40	0.20	0.20	0.35	0.40	0.60	0.20
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	MEAN	0.57	0.48	0.44	0.50	0.63	0.51	0.42	0.40	0.40	0.34	-1.00	-1.00	-1.00
	MAX.	0.85	0.50	0.55	0.60	0.75	0.60	0.50	0.40	0.45	0.40	-1.00	-1.00	0.85
	MIN.	0.50	0.40	0.40	0.50	0.50	0.50	0.40	0.40	0.40	0.30	-1.00	-1.00	0.30
	MIS. D	0	0	0	0	0	0	0	0	0	0	30	31	61
1984	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIS. D	31	28	31	30	31	30	31	31	30	31	30	31	366
1985	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIS. D	31	28	31	30	31	30	31	31	30	31	30	31	365
1986	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIS. D	31	28	31	30	31	30	31	31	30	31	30	31	365
1987	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIS. D	31	28	31	30	31	30	31	31	30	31	30	31	365
1988	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MIS. D	31	29	31	30	31	30	31	31	30	31	30	31	366
1989	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.76
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.40
	MIS. D	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	30.00	11.00
1990	MEAN	0.45	0.52	0.71	0.72	0.51	0.36	-1.00	-1.00	0.34	0.23	0.52	0.37	-1.00
	MAX.	0.59	0.86	0.92	0.94	0.92	0.41	0.32	-1.00	0.88	0.39	1.14	0.45	1.14
	MIN.	0.42	0.38	0.60	0.58	0.40	0.32	0.25	-1.00	0.25	0.20	0.20	0.30	0.20
	MIS. D	0.00	0.00	0.00	0.00	0.00	0.00	16.00	31.00	0.00	0.00	0.00	1.00	48.00
1991	MEAN	0.33	0.30	0.34	0.63	0.48	0.35	0.28	0.27	0.19	0.19	0.21	0.43	-1.00
	MAX.	0.56	0.47	1.33	1.12	0.95	0.40	0.34	0.74	0.21	0.32	0.28	0.96	1.33
	MIN.	0.28	0.26	0.25	0.46	0.40	0.30	0.26	0.21	0.19	0.18	0.18	0.27	0.18
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	MEAN	0.37	0.39	-1.00	0.69	-1.00	0.42	0.30	0.25	0.23	0.18	0.28	-1.00	-1.00
	MAX.	1.37	1.27	1.11	1.33	-1.00	0.56	0.34	0.29	0.29	0.22	0.72	1.08	1.37
	MIN.	0.24	0.24	0.40	0.40	-1.00	0.34	0.26	0.22	0.22	0.16	0.16	0.28	0.16
	MIS. D	0	0	15	0	31	0	0	0	0	0	0	16	62
TOTAL AVERAGE	MEAN	0.52	0.51	0.55	0.72	0.65	0.50	0.44	0.39	0.38	0.41	0.50	0.55	0.51
	MEAN MAX.	0.84	0.76	0.84	1.03	0.92	0.58	0.46	0.46	0.57	0.62	0.85	0.86	0.73
	MEAN MIN.	0.45	0.43	0.45	0.55	0.53	0.45	0.41	0.37	0.34	0.34	0.37	0.44	0.43
	DATA No.	24	25	24	26	25	25	25	25	25	25	25	25	16
	AB. MAX.	1.80	1.27	1.33	1.48	1.58	0.95	0.69	0.74	1.15	1.50	1.50	1.50	1.80
AB. MIN.	0.24	0.24	0.25	0.35	0.40	0.30	0.26	0.20	0.19	0.16	0.16	0.27	0.16	

SUMMARY OF WATER LEVEL (m)

(11) 1HC2

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1954	MEAN	-1.00	-1.00	-1.00	1.25	1.38	0.78	0.59	0.52	0.48	0.56	0.73	0.60	-1.00
	MAX.	-1.00	-1.00	2.45	2.53	2.24	1.05	0.67	0.82	0.76	1.16	1.98	1.49	2.53
	MIN.	-1.00	-1.00	0.58	0.84	1.02	0.64	0.52	0.46	0.43	0.43	0.43	0.40	0.40
	MIS. D	31	28	10	0	0	0	0	0	0	0	0	0	0
1955	MEAN	0.64	1.25	0.77	2.17	1.99	1.25	0.97	0.82	0.67	0.82	0.98	0.99	1.11
	MAX.	2.47	4.08	1.11	4.43	3.49	2.01	1.65	1.52	0.71	2.94	2.29	2.16	4.43
	MIN.	0.37	0.66	0.61	1.19	1.23	1.01	0.82	0.70	0.61	0.55	0.67	0.64	0.37
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1956	MEAN	1.07	1.20	1.49	1.86	1.57	1.23	0.89	0.76	0.71	-1.00	0.89	0.84	-1.00
	MAX.	1.66	2.47	3.52	3.22	2.39	1.63	1.01	0.82	0.76	-1.00	3.75	2.73	3.75
	MIN.	0.82	0.90	0.94	1.17	1.33	1.01	0.85	0.73	0.67	-1.00	0.61	0.58	0.58
	MIS. D	0	0	0	0	0	0	0	0	0	31	0	0	0
1957	MEAN	0.97	1.09	1.30	2.55	2.44	1.25	1.11	1.14	1.15	1.06	1.53	1.57	1.43
	MAX.	1.74	2.82	4.75	5.62	5.06	1.48	1.28	2.96	3.89	1.62	5.38	6.78	6.78
	MIN.	0.70	0.70	0.76	1.20	1.40	1.10	1.04	0.98	0.88	0.88	1.02	0.99	0.70
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	MEAN	1.26	1.85	2.63	2.96	2.19	1.85	1.32	1.24	1.16	1.10	1.64	1.55	1.73
	MAX.	6.02	4.48	7.15	7.24	3.66	4.30	1.83	1.39	1.43	1.51	4.30	2.90	7.24
	MIN.	0.91	0.91	1.22	1.04	1.55	1.34	1.13	1.16	1.08	0.96	0.98	1.16	0.91
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1959	MEAN	1.79	1.45	1.73	1.91	2.00	1.20	1.14	1.16	1.08	1.19	1.18	1.15	1.42
	MAX.	4.13	2.15	4.18	4.15	3.75	1.31	1.48	1.97	1.42	2.58	1.66	1.48	4.18
	MIN.	1.22	1.28	1.16	1.34	1.31	1.13	1.07	1.01	1.01	1.01	1.04	1.04	1.01
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	MEAN	1.33	1.29	1.72	2.63	1.56	1.42	1.21	1.16	1.04	1.25	1.05	1.01	1.39
	MAX.	3.63	2.15	3.66	3.83	2.41	2.38	1.63	1.78	1.28	3.81	1.40	1.42	3.83
	MIN.	1.01	1.07	1.20	1.46	1.28	1.22	1.10	1.04	0.98	0.98	0.96	0.93	0.93
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	MEAN	1.23	1.70	1.95	1.86	1.72	1.37	1.87	1.37	1.59	2.02	2.35	2.13	1.76
	MAX.	2.87	3.84	3.66	5.23	3.31	2.47	5.04	4.71	3.54	5.90	7.41	3.29	7.41
	MIN.	0.88	0.98	1.30	1.23	1.39	1.16	1.37	1.13	1.25	1.19	1.48	1.78	0.88
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	MEAN	2.42	1.88	2.50	2.56	2.27	-1.00	1.53	1.63	1.49	1.49	2.33	2.14	-1.00
	MAX.	3.70	4.43	4.35	4.77	6.18	2.85	2.59	2.53	2.37	3.15	5.36	3.35	6.18
	MIN.	1.65	1.55	1.83	1.92	1.62	1.58	1.32	1.28	1.34	1.34	1.45	1.37	1.28
	MIS. D	0	0	0	0	0	12	0	0	0	0	0	2	14
1963	MEAN	2.38	2.05	2.60	2.35	1.87	1.57	1.40	1.29	1.19	1.16	3.14	-1.00	-1.00
	MAX.	4.46	2.44	4.52	3.41	2.38	2.71	1.57	1.49	1.23	1.45	6.61	4.47	6.61
	MIN.	1.58	1.68	1.65	1.86	1.55	1.43	1.31	1.23	1.16	1.13	1.07	3.08	1.07
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	8	8
1964	MEAN	-1.00	-1.00	2.74	2.97	2.31	2.10	1.94	1.94	1.90	2.20	1.77	1.86	-1.00
	MAX.	6.86	4.10	4.94	5.06	2.82	2.56	2.07	2.36	2.53	3.87	1.83	2.90	6.86
	MIN.	2.56	2.19	2.19	2.44	2.07	2.01	1.92	1.86	1.83	1.80	1.74	1.75	1.74
	MIS. D	11	8	0	0	0	0	0	0	0	0	0	0	0
1965	MEAN	2.01	2.16	2.14	2.90	2.04	1.88	1.76	-1.00	2.01	2.10	2.24	2.69	-1.00
	MAX.	3.08	3.09	3.38	4.05	2.86	2.23	1.97	1.95	3.54	4.91	4.05	5.09	5.09
	MIN.	1.74	1.74	1.80	2.12	1.58	1.74	1.71	1.68	1.68	1.71	1.72	1.65	1.58
	MIS. D	0	0	0	0	0	0	0	10	5	0	0	0	0
1966	MEAN	2.44	2.41	2.75	2.84	2.36	1.96	-1.00	-1.00	-1.00	-1.00	1.89	-1.00	-1.00
	MAX.	4.31	4.16	4.89	5.20	2.90	2.85	2.01	1.39	3.00	3.41	2.96	3.08	5.20
	MIN.	1.83	1.74	1.83	2.06	1.83	1.71	1.31	1.05	0.91	1.49	1.45	1.46	0.91
	MIS. D	0	0	0	0	0	0	7	21	8	16	0	19	71
1967	MEAN	-1.00	-1.00	1.55	1.97	2.12	1.71	1.54	1.50	1.73	1.43	1.89	2.37	-1.00
	MAX.	-1.00	1.80	2.01	2.51	3.43	2.29	2.33	2.55	2.94	1.89	3.98	4.77	4.77
	MIN.	-1.00	1.55	1.40	1.39	1.68	1.46	1.40	1.34	1.37	1.31	1.46	1.74	1.31
	MIS. D	31	23	0	0	0	0	0	0	0	0	0	0	0
1968	MEAN	1.95	-1.00	2.04	-1.00	-1.00	-1.00	-1.00	1.43	1.36	1.33	1.77	1.92	-1.00
	MAX.	2.44	2.26	3.55	3.72	3.57	3.42	1.62	1.58	1.75	1.63	3.32	3.67	3.72
	MIN.	1.62	1.53	1.52	3.08	3.05	3.05	1.22	1.38	1.31	1.26	1.28	1.42	1.22
	MIS. D	0.00	6.00	5.00	22.00	17.00	23.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	MEAN	1.42	1.45	1.87	1.99	1.77	-1.00	-1.00	-1.00	-1.00	1.28	-1.00	-1.00	-1.00
	MAX.	1.75	1.69	4.74	3.69	2.71	1.76	1.71	2.31	1.69	2.46	3.60	4.54	4.74
	MIN.	1.32	1.28	1.38	1.53	1.52	1.55	1.53	1.53	1.20	0.98	1.14	1.18	0.98
	MIS. D	0.00	0.00	0.00	0.00	2.00	22.00	24.00	21.00	10.00	10.00	0.00	7.00	15.00
1970	MEAN	-1.00	2.10	1.90	1.92	1.44	1.23	1.13	1.06	1.24	1.07	1.02	1.83	-1.00
	MAX.	3.28	2.78	2.87	3.26	1.67	1.31	1.16	1.09	1.76	1.53	1.92	3.28	3.28
	MIN.	1.31	1.66	1.54	1.51	1.31	1.16	1.09	1.05	1.01	0.97	0.93	0.91	0.91
	MIS. D	10	0	0	0	0	0	0	0	0	0	0	0	0
1971	MEAN	1.21	1.18	1.27	1.95	1.67	1.19	1.26	1.02	0.93	1.06	1.02	0.97	1.23
	MAX.	1.75	1.61	1.77	3.74	2.03	1.34	1.88	1.11	1.01	2.50	1.43	1.39	3.74
	MIN.	1.01	1.06	1.07	1.40	1.35	1.11	1.08	0.94	0.91	0.85	0.90	0.88	0.85
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	MEAN	1.24	0.98	1.04	1.31	1.61	1.17	1.02	0.94	1.07	1.18	1.47	1.44	1.21
	MAX.	3.07	1.10	1.88	2.11	3.20	1.31	1.28	1.43	2.16	2.00	2.57	2.34	3.20
	MIN.	1.02	0.91	0.95	1.04	1.10	1.04	0.96	0.83	0.86	0.83	0.96	0.99	0.83
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	MEAN	1.44	1.42	1.48	1.98	1.62	1.02	0.91	0.99	0.74	0.73	1.05	1.42	1.23
	MAX.	2.11	2.19	2.73	3.86	2.25	1.18	1.24	1.17	0.83	1.17	2.91	2.55	3.86
	MIN.	1.09	0.98	1.01	1.60	1.06	0.94	0.84	0.82	0.67	0.55	0.60	0.97	0.55
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	MEAN	1.16	0.92	1.10	1.89	-1.00	-1.00	-1.00	-1.00	1.05	1.01	1.03	0.96	-1.00
	MAX.	3.09	1.89	2.32	3.66	5.64	-1.00	-1.00	1.05	1.44	1.25	1.74	1.23	5.64
	MIN.	0.81	0.66	0.66	1.14	2.11	-1.00	-1.00	0.94	0.90	0.89	0.93	0.92	0.66
	MIS. D	0	0	0	0	12	30	31	15	0	0	0	0	0

SUMMARY OF WATER LEVEL (m)

(11) 1HC2

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1975	MEAN	1.27	0.94	1.58	2.03	1.62	1.09	1.02	-1.00	0.92	1.19	0.97	1.17	-1.00
	MAX.	2.65	1.07	2.30	3.31	2.76	1.21	1.18	0.93	1.18	2.35	1.19	3.27	3.31
	MIN.	0.98	0.87	0.98	1.44	1.17	0.97	0.93	0.85	0.67	0.71	0.85	0.72	0.67
	MIS. D	0	0	0	0	0	0	0	16	0	0	0	0	16
1976	MEAN	1.04	-1.00	-1.00	1.89	1.51	1.54	1.22	0.42	-1.00	1.63	1.02	1.03	-1.00
	MAX.	2.05	3.74	3.17	2.76	1.75	1.97	1.65	0.74	1.27	2.56	1.17	1.84	3.74
	MIN.	0.76	0.90	2.01	1.59	1.30	1.14	1.02	0.38	1.00	1.10	0.95	0.91	0.38
	MIS. D	0	13	21	4	0	0	0	0	11	0	0	0	49
1977	MEAN	1.34	1.12	1.25	1.63	1.58	1.02	0.98	0.97	1.35	1.02	1.36	-1.00	-1.00
	MAX.	2.19	1.67	1.58	3.68	2.14	1.15	1.15	1.14	4.11	1.21	2.19	4.14	4.14
	MIN.	0.94	0.93	0.97	1.27	1.37	0.95	0.90	0.89	0.87	0.94	0.92	1.02	0.87
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	6	6
1978	MEAN	-1.00	1.33	1.74	1.73	1.24	0.82	0.95	0.90	0.80	0.80	1.09	2.03	-1.00
	MAX.	-1.00	1.98	3.64	2.38	1.58	1.08	1.17	1.14	0.86	0.87	3.12	3.92	3.92
	MIN.	-1.00	1.02	1.20	1.41	0.96	0.50	0.85	0.79	0.75	0.75	0.39	1.57	0.39
	MIS. D	31	0	0	0	0	0	0	0	0	0	0	0	31
1979	MEAN	1.59	2.02	2.10	3.31	-1.00	-1.00	-1.00	-1.00	1.30	1.36	1.64	1.62	-1.00
	MAX.	2.22	3.95	5.11	6.32	4.26	-1.00	-1.00	1.33	1.95	2.24	2.88	2.05	6.32
	MIN.	1.20	1.41	1.38	1.72	4.02	-1.00	-1.00	1.21	1.03	0.98	1.07	1.07	0.98
	MIS. D	0	0	0	4	29	30	31	19	0	0	0	0	113
1980	MEAN	1.73	1.71	1.61	2.23	1.75	1.19	0.97	0.98	1.00	0.97	1.27	1.62	1.42
	MAX.	2.51	3.62	3.32	4.50	2.71	1.51	1.14	1.21	1.24	1.19	2.01	3.49	4.50
	MIN.	1.26	1.39	1.33	1.61	1.41	0.99	0.91	0.86	0.84	0.91	0.86	1.00	0.84
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	2	2
1981	MEAN	1.22	1.62	-1.00	1.85	-1.00	-1.00	1.02	1.37	1.37	0.89	1.08	1.51	-1.00
	MAX.	1.58	2.00	1.46	4.62	1.38	2.06	1.21	2.11	1.83	1.75	1.71	4.51	4.62
	MIN.	1.03	1.34	0.96	1.42	1.13	1.09	0.94	0.93	0.83	0.67	0.84	1.03	0.67
	MIS. D	1	0	16	5	15	15	0	0	0	0	0	0	52
1982	MEAN	1.38	0.84	1.08	1.54	-1.00	0.92	1.05	0.95	1.09	1.72	1.73	1.49	-1.00
	MAX.	5.04	1.00	1.66	3.02	1.87	1.11	1.89	1.61	1.94	4.60	2.98	3.25	5.04
	MIN.	0.92	0.80	0.78	1.12	1.08	0.76	0.76	0.69	0.92	1.12	1.27	1.02	0.69
	MIS. D	0	0	0	1	9	0	0	0	0	0	0	0	10
1983	MEAN	1.37	0.99	1.40	1.82	1.59	0.95	1.10	0.93	1.00	0.83	0.80	0.79	1.14
	MAX.	1.75	1.16	2.15	2.53	2.08	1.25	2.17	1.75	2.21	1.18	1.26	2.13	2.53
	MIN.	1.02	0.80	0.81	1.17	1.13	0.73	0.52	0.39	0.34	0.44	0.41	0.45	0.34
	MIS. D	0	0	0	0	0	0	0	2	0	0	0	0	2
1984	MEAN	1.34	1.41	0.91	2.49	1.46	0.85	0.78	0.53	0.51	0.95	1.33	1.19	-1.15
	MAX.	4.78	1.98	1.85	6.22	5.10	1.36	1.40	0.60	0.67	1.78	2.59	1.94	6.22
	MIN.	0.66	0.94	0.35	1.61	0.57	0.58	0.58	0.49	0.46	0.46	0.64	0.58	0.35
	MIS. D	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00
1985	MEAN	1.07	0.70	0.95	1.41	1.02	-1.00	0.65	0.51	0.55	1.08	1.07	0.83	-1.00
	MAX.	1.93	1.21	2.05	2.78	2.34	0.65	1.76	1.00	1.07	2.16	2.15	2.37	2.78
	MIN.	0.64	0.58	0.53	0.66	0.66	0.51	0.41	0.45	0.40	0.31	0.44	0.39	0.31
	MIS. D	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
1986	MEAN	0.94	0.64	0.86	1.36	1.15	0.60	0.35	0.39	0.23	0.51	0.79	0.88	0.73
	MAX.	2.83	1.50	1.91	4.75	2.17	1.06	0.43	1.17	0.27	1.22	1.75	1.47	4.75
	MIN.	0.37	0.26	0.28	0.82	0.63	0.44	0.28	0.24	0.20	0.23	0.40	0.35	0.20
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	MEAN	1.02	0.75	0.88	1.07	-1.00	-1.00	-1.00	-1.00	0.22	0.93	0.90	0.80	-1.00
	MAX.	2.66	1.46	1.63	3.01	4.30	-1.00	-1.00	0.36	0.26	1.53	2.30	1.39	4.30
	MIN.	0.54	0.45	0.63	0.39	1.57	-1.00	-1.00	0.28	0.18	0.25	0.21	0.34	0.18
	MIS. D	5	0	0	0	25	30	31	22	0	0	0	0	113
1988	MEAN	0.83	0.60	0.78	1.30	0.46	0.61	0.43	0.37	0.34	0.29	0.56	0.57	0.59
	MAX.	1.43	1.95	2.36	2.11	1.01	1.08	0.58	0.93	2.02	1.17	1.63	1.67	2.36
	MIN.	0.30	0.24	0.34	0.49	0.30	0.33	0.34	0.15	0.17	0.13	0.15	0.34	0.13
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	MEAN	0.75	0.36	0.58	1.00	0.83	0.35	0.15	0.55	0.21	0.41	0.27	0.49	0.50
	MAX.	2.62	0.59	1.40	2.51	1.67	0.85	0.23	1.18	0.95	1.48	0.83	1.73	2.62
	MIN.	0.35	0.17	0.13	0.49	0.49	0.15	0.09	0.11	0.08	0.09	0.10	0.18	0.08
	MIS. D	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	MEAN	0.59	0.56	1.08	-1.00	-1.00	-1.00	-1.00	0.29	0.42	-1.00	0.75	0.60	-1.00
	MAX.	1.93	1.11	1.86	2.07	0.84	0.84	0.48	0.90	0.90	0.56	2.85	1.80	2.85
	MIN.	0.33	0.24	0.47	0.62	0.41	0.20	0.22	0.10	0.08	0.08	0.14	0.15	0.08
	MIS. D	0.00	0.00	0.00	9.00	15.00	15.00	11.00	0.00	1.00	6.00	3.00	1.00	61.00
1991	MEAN	0.66	0.34	0.42	1.09	0.94	-1.00	0.32	-1.00	-1.00	-1.00	0.20	0.46	-1.00
	MAX.	1.36	0.64	1.71	3.42	1.93	0.44	1.17	0.41	0.11	-1.00	0.55	0.95	3.42
	MIN.	0.34	0.24	0.20	0.59	0.46	0.30	0.16	0.19	0.06	-1.00	0.01	0.21	0.01
	MIS. D	1.00	3.00	3.00	3.00	0.00	15.00	0.00	13.00	15.00	31.00	3.00	2.00	89.00
1992	MEAN	0.29	0.37	-1.00	-1.00	-1.00	-1.00	0.14	0.06	-1.00	-1.00	-1.00	0.58	-1.00
	MAX.	0.70	0.80	0.83	0.85	-1.00	0.81	0.36	0.56	0.67	0.04	1.77	0.88	1.77
	MIN.	0.06	0.10	0.10	0.33	-1.00	0.19	0.06	0.02	0.01	0.01	0.02	0.17	0.01
	MIS. D	0	0	9	9	31	19	0	0	9	26	14	5	122
TOTAL AVERAGE	MEAN	1.31	1.26	1.54	1.99	1.65	1.22	1.02	0.94	0.99	1.14	1.30	1.29	1.30
	MEAN MAX.	2.72	2.21	3.04	3.88	2.77	1.72	1.50	1.53	1.67	2.19	2.70	2.61	2.38
	MEAN MIN.	0.92	0.93	1.04	1.31	1.21	1.03	0.88	0.79	0.82	0.84	0.85	0.87	0.96
	DATA No.	34	34	35	36	31	28	32	31	34	34	37	35	15
	AB. MAX.	6.02	4.48	7.15	7.24	6.18	4.30	5.04	4.71	4.11	5.90	7.41	6.78	7.41
AB. MIN.	0.06	0.10	0.13	0.39	0.30	0.15	0.06	0.02	0.08	0.09	0.01	0.15	0.01	

SUMMARY OF RIVER DISCHARGE (m³/s)

(1) 1H2

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1950	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	22.90	31.34	23.31	20.25	49.33	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	40.51	67.52	43.20	41.37	105.33	105.33
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	16.63	16.63	11.70	11.70	12.87	11.70
1951	MEAN	23.27	77.22	44.23	183.70	209.90	63.88	36.64	17.59	10.67	13.71	104.40	100.40	73.59
	MAX.	35.92	161.99	88.64	237.15	237.15	137.41	59.76	21.27	14.08	42.27	232.06	165.78	237.15
	MIN.	16.30	18.65	27.64	50.59	154.61	39.67	21.49	13.47	7.97	6.10	17.97	48.31	6.10
1952	MEAN	85.86	55.77	52.03	213.68	209.38	48.53	25.24	17.36	13.81	14.09	40.23	16.91	66.02
	MAX.	158.26	86.47	102.78	281.05	275.24	74.53	33.52	20.77	24.49	23.73	105.33	27.64	281.05
	MIN.	35.25	27.64	32.65	97.84	76.40	34.40	19.35	14.08	10.58	10.03	15.33	10.03	10.03
1953	MEAN	16.60	8.23	16.96	124.64	262.34	96.98	28.37	19.22	22.66	19.58	22.33	23.70	55.40
	MAX.	25.26	14.08	76.40	250.24	286.96	212.60	37.34	24.49	32.65	28.45	47.22	70.93	286.96
	MIN.	8.98	6.10	5.67	47.22	222.16	38.09	20.41	15.98	15.33	14.70	12.28	11.70	5.67
1954	MEAN	55.30	26.96	54.07	111.29	215.87	76.64	27.51	15.83	10.89	14.60	20.37	21.37	54.44
	MAX.	82.29	70.93	156.43	192.29	239.72	222.16	36.62	19.35	13.47	30.53	33.52	66.70	239.72
	MIN.	33.52	16.63	24.49	47.22	127.90	37.34	19.70	12.28	9.50	8.98	11.99	11.13	8.98
1955	MEAN	10.99	94.18	54.28	235.15	292.78	203.89	62.85	32.63	17.26	13.47	28.22	34.05	89.60
	MAX.	34.40	185.88	165.78	283.99	314.76	289.95	107.94	55.60	21.49	27.89	52.16	84.35	314.76
	MIN.	7.01	18.65	22.60	53.02	266.70	96.64	38.87	20.98	14.08	9.13	13.77	12.45	7.01
1956	MEAN	119.27	179.38	-1.00	260.53	252.20	120.34	37.22	-1.00	16.49	-1.00	27.46	10.45	-1.00
	MAX.	282.81	268.39	269.52	307.15	311.57	242.32	49.43	28.70	22.23	-1.00	73.25	42.27	311.57
	MIN.	34.84	64.29	83.32	101.52	158.26	50.95	29.28	22.97	13.47	-1.00	9.50	4.84	4.84
1957	MEAN	44.17	132.78	80.61	227.58	308.09	98.25	42.35	27.31	23.47	28.46	56.54	126.04	99.34
	MAX.	181.71	292.97	222.16	292.97	365.66	232.06	52.40	54.29	86.47	73.61	116.13	203.37	365.66
	MIN.	22.23	26.05	24.49	185.88	247.57	53.02	35.92	15.33	15.98	15.98	29.28	55.60	15.33
1958	MEAN	37.45	63.82	109.43	199.65	251.66	126.85	46.29	26.49	17.24	10.62	9.46	35.52	78.46
	MAX.	58.33	169.65	201.11	275.24	308.41	234.59	61.23	33.78	39.27	12.99	14.76	232.06	308.41
	MIN.	26.05	18.65	38.09	105.33	126.38	61.98	34.84	20.05	12.51	8.47	7.49	15.65	7.49
1959	MEAN	-1.00	-1.00	-1.00	-1.00	146.08	28.56	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	49.43	169.65	203.37	242.32	242.32	40.51	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	242.32
	MIN.	17.76	30.11	38.87	27.24	42.27	20.34	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	17.76
TOTAL AVERAGE	MEAN	49.11	79.79	58.80	194.53	239.37	95.99	38.31	22.42	18.20	17.23	36.58	46.62	74.75
	MEAN MAX.	107.37	156.29	144.76	265.01	286.86	187.35	54.78	33.76	35.74	35.33	79.53	110.94	124.81
	MEAN MIN.	23.02	24.58	25.09	86.08	158.03	48.05	27.48	16.10	12.89	10.64	14.37	20.29	38.88
	DATA No.	8.00	8.00	7.00	8.00	9.00	9.00	8.00	8.00	9.00	8.00	9.00	9.00	7.00
	AB. MAX.	282.81	292.97	222.16	307.15	365.66	289.95	107.94	55.60	86.47	73.61	232.06	232.06	365.66
AB. MIN.	7.01	6.10	5.67	47.22	42.27	20.34	19.35	12.28	7.97	6.10	7.49	4.84	4.84	

SUMMARY OF RIVER DISCHARGE (m³/s)

(2) 1H3

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
1951	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	13.63	8.86	13.07	49.68	45.93	-1.00	
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	18.96	16.63	11.47	36.54	157.90	79.54	157.90	
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	16.63	11.47	6.32	5.60	13.70	27.32	5.60	
1952	MEAN	37.17	36.46	32.00	125.00	153.98	26.69	15.97	11.74	10.00	9.93	26.98	10.41	41.32	
	MAX.	88.70	60.64	62.05	219.26	399.61	33.46	20.47	15.20	18.21	31.92	83.11	16.63	399.61	
	MIN.	19.72	18.21	21.23	51.52	34.15	21.23	12.96	8.52	6.32	5.60	12.96	6.32	5.60	
1953	MEAN	11.09	5.61	15.55	60.23	123.11	33.52	16.55	13.68	15.86	15.92	16.29	18.01	28.95	
	MAX.	21.23	9.99	69.56	106.74	265.05	71.14	22.75	20.47	27.32	25.79	35.77	50.33	265.05	
	MIN.	5.60	3.44	2.03	25.79	44.78	20.47	12.96	11.47	10.73	10.73	8.52	7.78	2.03	
1954	MEAN	31.52	19.29	37.31	47.28	99.56	29.52	16.11	11.05	7.58	11.35	15.30	15.83	28.59	
	MAX.	49.75	45.30	93.57	98.64	206.95	48.03	19.72	14.75	12.21	25.03	26.40	57.09	206.95	
	MIN.	19.34	10.73	16.33	27.32	52.74	20.10	12.21	9.25	6.32	6.32	6.91	7.56	6.32	
1955	MEAN	10.75	55.23	26.52	149.48	280.57	67.11	34.02	22.36	14.57	12.92	23.23	24.81	60.13	
	MAX.	34.15	112.32	71.63	237.66	544.45	143.92	50.69	36.08	20.10	35.00	62.77	52.74	544.45	
	MIN.	5.23	15.95	14.08	45.30	75.25	45.62	25.57	16.63	12.14	7.64	10.73	10.73	5.23	
1956	MEAN	47.55	75.59	75.08	231.01	134.68	42.97	23.55	15.66	11.40	8.31	19.50	14.66	58.04	
	MAX.	134.66	259.01	198.44	415.55	386.63	76.09	29.62	19.72	16.33	14.08	52.74	60.36	415.55	
	MIN.	22.60	31.92	36.93	51.52	52.74	29.62	18.89	12.44	9.10	6.32	7.78	6.32	6.32	
1957	MEAN	31.39	46.33	34.57	224.90	271.05	41.90	26.54	21.51	19.62	18.32	27.00	34.61	66.51	
	MAX.	157.90	182.11	63.49	440.18	462.81	63.06	31.15	29.62	78.67	33.07	42.25	138.58	462.81	
	MIN.	14.30	14.75	15.20	34.85	67.23	30.92	22.52	17.45	12.96	12.21	17.68	15.95	12.21	
1958	MEAN	18.73	32.55	61.32	177.61	161.55	48.97	24.21	16.90	12.11	8.97	10.05	22.53	49.63	
	MAX.	32.69	85.87	215.69	345.91	453.10	112.32	29.62	20.47	15.57	12.59	23.81	46.92	453.10	
	MIN.	12.81	10.73	18.43	44.05	47.47	29.62	19.34	14.45	9.99	7.05	5.60	12.59	5.60	
1959	MEAN	19.25	34.78	33.21	39.36	42.89	17.14	12.82	12.76	10.91	10.81	15.14	12.76	21.73	
	MAX.	39.69	111.64	91.21	102.84	70.82	21.99	21.99	33.84	19.34	24.27	39.87	29.46	111.64	
	MIN.	12.96	14.75	16.85	18.51	22.60	13.18	9.77	7.05	7.78	6.32	7.78	8.00	6.32	
1960	MEAN	39.80	18.53	59.59	261.61	63.15	31.78	21.11	13.39	9.32	10.15	8.93	3.60	44.87	
	MAX.	180.53	36.39	141.23	455.95	123.38	43.54	40.15	18.73	13.18	32.23	17.53	6.32	455.95	
	MIN.	5.45	11.47	17.08	68.00	31.23	25.64	15.57	10.36	7.05	6.03	5.96	2.38	2.38	
1961	MEAN	5.02	42.40	39.44	60.38	70.44	21.73	32.40	18.93	19.49	32.61	222.41	143.43	58.95	
	MAX.	16.85	98.85	66.16	192.78	134.15	29.08	69.56	27.17	50.33	81.85	471.48	555.31	555.31	
	MIN.	0.45	11.99	21.08	19.11	28.32	17.83	18.13	14.45	13.48	16.33	93.17	68.00	0.45	
1962	MEAN	277.06	62.18	149.08	123.96	145.62	36.40	26.04	28.19	24.01	16.41	22.07	32.43	79.05	
	MAX.	563.70	122.89	339.71	191.14	344.47	47.25	37.47	53.99	41.09	21.00	43.75	59.25	563.70	
	MIN.	74.25	42.34	70.82	56.30	48.60	28.93	20.85	19.72	18.51	13.33	13.55	15.72	13.33	
1963	MEAN	66.74	41.86	104.41	280.89	98.19	36.01	26.34	18.94	13.34	9.97	185.25	143.20	85.31	
	MAX.	153.61	56.56	221.06	376.44	250.33	50.69	34.77	27.32	15.57	13.33	699.04	357.54	699.04	
	MIN.	35.23	31.15	34.15	205.23	39.09	30.08	20.70	15.42	11.69	8.08	7.05	59.94	7.05	
1964	MEAN	105.61	49.38	107.07	347.84	93.30	49.23	35.28	30.97	26.11	30.50	23.11	22.21	76.49	
	MAX.	281.56	59.25	312.02	554.02	194.43	66.77	38.17	37.78	30.69	57.09	27.47	38.78	554.02	
	MIN.	59.94	39.42	42.64	152.20	57.22	38.40	32.69	28.01	23.43	22.37	19.64	19.34	19.34	
1965	MEAN	36.39	32.23	34.69	156.47	57.00	38.70	24.33	19.61	19.71	27.88	47.66	56.75	45.85	
	MAX.	87.75	55.91	71.63	295.67	158.18	80.78	27.47	23.05	42.74	50.81	113.00	96.18	295.67	
	MIN.	20.93	20.40	21.99	43.75	36.39	27.86	21.31	17.45	16.55	20.02	25.79	30.23	16.55	
1966	MEAN	54.68	57.13	71.25	169.01	67.41	39.95	27.95	20.46	18.43	17.71	25.13	21.58	49.01	
	MAX.	172.15	100.73	151.08	394.39	108.28	61.48	37.39	27.24	32.00	37.78	40.34	28.78	394.39	
	MIN.	32.84	33.69	33.07	82.75	39.69	31.38	22.52	17.75	15.20	10.51	15.57	15.87	10.51	
1967	MEAN	13.03	31.07	26.97	83.24	145.06	73.86	38.03	33.17	47.37	31.55	96.30	281.72	75.48	
	MAX.	16.18	61.91	58.57	170.62	285.79	193.77	65.86	75.28	93.37	71.14	422.03	627.42	627.42	
	MIN.	10.43	10.95	18.96	18.28	64.52	34.00	28.01	26.79	29.23	24.50	32.23	76.60	10.43	
1968	MEAN	97.25	48.32	161.92	508.65	179.35	106.26	49.83	-1.00	-1.00	39.51	62.96	69.08	-1.00	
	MAX.	150.80	74.08	428.03	623.96	441.85	189.51	64.96	41.28	48.94	45.09	161.67	186.27	623.96	
	MIN.	48.94	37.70	41.57	292.21	109.39	62.77	41.57	38.17	40.80	37.32	37.32	37.93	37.32	
1969	MEAN	43.92	44.33	66.86	123.43	174.25	-1.00	43.23	40.02	-1.00	-1.00	-1.00	-1.00	-1.00	
	MAX.	53.86	52.74	155.89	332.65	415.55	65.71	51.52	53.36	-1.00	-1.00	-1.00	-1.00	415.55	
	MIN.	39.09	37.86	38.01	42.25	47.47	37.32	38.47	35.23	-1.00	-1.00	-1.00	-1.00	35.23	
TOTAL AVERAGE	MEAN	52.61	40.74	63.16	176.13	131.17	43.63	27.46	20.17	16.98	18.10	49.83	54.09	57.84	
	MEAN MAX.	124.21	88.12	156.17	308.58	291.44	78.40	38.52	30.65	31.66	36.03	140.05	138.19	121.84	
	MEAN MIN.	24.45	22.08	26.69	71.05	49.94	29.86	21.89	16.33	12.75	12.57	19.00	23.81	27.54	
	DATA No.	18.00	18.00	18.00	18.00	18.00	17.00	18.00	18.00	17.00	18.00	18.00	18.00	16.00	
	AB. MAX.	563.70	259.01	428.03	623.96	544.45	193.77	69.56	76.26	93.37	81.85	699.04	627.42	699.04	
AB. MIN.	0.45	3.44	2.03	18.28	22.60	13.18	9.77	7.05	6.32	5.60	5.60	2.38	0.45		

SUMMARY OF RIVER DISCHARGE (m³/s)

(3) 185

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1952	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	19.88	7.11	-1.00
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	88.60	64.91	30.53	88.60
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.87	6.33	1.39	0.87
1953	MEAN	6.75	3.46	13.49	43.00	62.81	24.20	10.48	12.90	16.49	20.30	21.29	25.69	21.84
	MAX.	19.77	7.84	49.82	91.72	154.76	75.09	32.13	45.30	66.69	54.98	106.93	205.43	205.43
	MIN.	4.12	1.83	1.83	9.21	32.67	10.34	5.78	5.52	6.33	6.61	6.61	5.52	1.83
1954	MEAN	21.10	16.62	22.21	35.14	44.48	16.99	7.28	4.96	4.05	12.48	11.06	11.35	17.32
	MAX.	45.30	51.53	68.48	80.57	85.50	28.93	9.21	7.84	11.15	83.03	28.41	87.98	87.98
	MIN.	9.96	5.52	6.61	14.30	28.93	10.34	5.27	3.53	2.99	2.99	4.12	3.53	2.99
1955	MEAN	5.05	17.49	8.96	39.47	55.22	27.09	17.32	9.67	5.70	6.02	14.85	19.31	18.83
	MAX.	20.38	51.53	20.38	66.10	98.01	40.29	36.45	28.41	12.88	35.91	48.69	64.91	98.01
	MIN.	2.51	5.27	4.79	15.81	26.30	18.00	10.34	6.33	4.12	2.99	4.12	4.79	2.51
1956	MEAN	24.41	25.03	31.40	44.72	40.08	23.34	9.54	5.65	4.08	3.23	9.14	8.90	19.05
	MAX.	48.69	61.38	90.47	103.73	83.03	36.45	12.88	11.15	9.96	12.43	61.97	73.28	103.73
	MIN.	11.56	12.88	14.30	25.05	28.93	14.30	7.21	4.12	2.99	2.09	2.09	2.09	2.09
1957	MEAN	10.80	16.18	9.45	46.79	49.00	14.02	8.20	8.00	6.65	6.39	9.36	13.20	16.47
	MAX.	32.67	46.43	31.06	257.03	121.87	22.30	11.56	26.30	48.12	19.77	20.38	31.06	257.03
	MIN.	4.79	8.17	4.12	8.85	23.65	8.17	6.61	4.79	3.53	2.99	4.12	6.33	2.99
1958	MEAN	9.37	13.51	22.12	42.29	35.33	19.80	10.18	6.66	5.64	3.96	6.45	10.20	15.37
	MAX.	27.35	40.29	60.21	161.64	79.35	36.45	12.43	10.34	8.17	6.33	18.00	21.65	161.64
	MIN.	5.52	4.79	8.17	15.81	21.65	11.56	8.17	5.52	4.12	2.99	3.53	5.27	2.99
1959	MEAN	11.28	10.48	11.85	21.56	21.81	7.96	5.78	7.05	5.65	9.15	9.93	7.77	10.85
	MAX.	32.67	20.38	26.30	115.34	56.13	10.34	10.34	25.77	19.16	48.12	38.64	16.34	115.34
	MIN.	4.12	5.52	6.33	5.52	10.34	6.33	4.12	3.53	3.53	3.53	4.79	4.79	3.53
1960	MEAN	12.08	7.82	25.29	62.41	21.46	15.07	8.75	6.47	8.91	6.48	5.00	2.91	15.21
	MAX.	75.09	18.57	71.47	121.87	39.19	45.30	12.88	10.34	127.15	22.97	7.52	5.52	127.15
	MIN.	4.12	5.27	7.84	27.35	11.56	10.34	7.21	4.79	4.12	2.51	3.53	2.51	2.51
1961	MEAN	3.24	14.11	15.68	20.91	17.63	8.84	18.64	9.16	13.65	22.92	79.69	30.38	21.24
	MAX.	7.21	38.64	30.53	95.49	32.67	16.88	50.39	14.30	53.25	72.68	214.12	43.07	214.12
	MIN.	2.09	2.99	7.21	5.78	10.34	6.33	7.21	6.61	6.33	9.21	36.45	22.30	2.09
1962	MEAN	35.80	15.76	28.70	38.95	38.39	12.26	8.68	14.80	12.29	10.49	13.10	19.74	20.80
	MAX.	78.74	22.30	91.09	70.27	155.45	15.81	18.57	32.67	37.00	68.48	48.69	64.91	155.45
	MIN.	19.77	12.88	14.30	18.57	18.00	9.21	6.33	6.33	8.17	5.52	6.33	7.21	5.52
1963	MEAN	32.92	18.14	30.02	54.39	22.02	12.61	8.62	6.47	4.65	3.42	53.87	28.64	22.93
	MAX.	107.58	29.46	87.98	116.64	53.25	38.09	13.81	11.15	5.78	4.12	205.43	52.10	205.43
	MIN.	15.81	12.43	12.88	28.93	12.88	9.21	6.33	4.79	4.12	2.99	2.51	14.30	2.51
1964	MEAN	25.65	13.52	27.24	55.39	26.37	14.63	7.84	6.94	4.77	12.17	4.86	7.44	17.24
	MAX.	43.07	23.65	81.19	87.98	50.39	28.93	12.43	15.29	12.88	61.97	6.33	20.38	87.98
	MIN.	15.81	10.34	9.96	32.67	14.30	9.21	6.33	4.79	4.12	3.53	3.53	3.53	3.53
1965	MEAN	8.33	6.97	10.98	50.56	23.86	13.38	7.33	5.18	6.84	16.83	29.22	28.65	17.35
	MAX.	23.65	14.30	32.67	115.99	123.85	27.35	18.00	9.21	31.59	102.46	91.09	56.13	123.85
	MIN.	3.53	3.53	4.12	15.81	11.15	8.51	5.52	4.12	3.72	6.33	11.99	14.79	3.53
1966	MEAN	29.54	30.19	30.86	55.51	26.36	17.57	9.83	6.46	7.55	8.09	13.73	8.94	20.27
	MAX.	94.23	48.12	57.87	121.22	44.74	39.74	15.81	9.96	26.30	42.51	82.42	15.81	121.22
	MIN.	15.29	15.81	16.34	30.53	18.57	12.43	7.21	5.27	4.34	3.92	5.52	5.78	3.92
1967	MEAN	4.38	14.27	8.14	23.92	38.12	25.57	18.52	14.51	27.88	14.74	35.76	70.17	24.68
	MAX.	5.78	56.71	21.65	47.55	87.36	61.38	64.32	36.45	83.65	27.35	120.56	171.36	171.36
	MIN.	3.16	3.72	5.02	5.02	20.38	12.43	9.58	9.58	12.88	9.58	14.79	31.59	3.16
1968	MEAN	27.96	15.47	25.81	-1.00	37.05	34.45	13.51	8.44	6.49	5.57	22.43	20.24	-1.00
	MAX.	56.13	39.74	46.43	114.04	52.10	84.88	23.65	10.34	15.81	15.29	61.97	47.55	114.04
	MIN.	15.81	10.34	12.88	75.70	28.93	18.57	10.34	7.21	5.27	4.12	4.56	9.58	4.12
1969	MEAN	8.30	8.64	22.18	43.71	34.12	16.19	9.99	11.54	8.86	11.48	18.14	13.21	17.22
	MAX.	14.30	26.83	96.75	122.53	83.65	38.64	23.65	31.06	13.34	63.14	120.56	33.74	122.53
	MIN.	6.33	5.27	8.17	12.88	15.81	9.96	7.21	7.52	6.61	5.78	5.52	8.51	5.27
1970	MEAN	15.36	23.95	25.58	45.30	20.35	9.78	6.41	5.05	9.31	6.07	4.22	30.24	16.74
	MAX.	37.00	49.25	72.08	135.80	31.06	15.81	7.21	8.51	56.13	21.65	7.84	169.96	169.96
	MIN.	8.17	10.34	15.29	28.93	12.43	7.21	5.78	4.12	4.12	4.12	0.67	3.16	0.67
1971	MEAN	17.15	12.53	11.78	40.44	33.52	15.28	14.30	7.26	5.62	5.79	4.65	4.45	14.39
	MAX.	37.49	20.73	40.69	83.43	50.65	23.88	44.50	10.57	9.67	15.34	10.57	7.31	83.43
	MIN.	10.57	5.68	3.64	22.27	21.49	11.04	9.67	5.68	4.33	3.43	3.04	2.85	2.85
1972	MEAN	18.19	6.57	15.68	39.69	46.48	18.99	10.43	6.85	11.91	19.53	29.75	28.84	21.10
	MAX.	40.15	32.29	43.40	81.50	102.64	32.19	29.22	30.19	45.05	40.15	65.92	43.40	102.64
	MIN.	5.99	3.64	4.84	13.06	29.26	11.04	7.31	4.58	4.33	6.62	13.06	15.95	3.64
1973	MEAN	32.08	26.63	21.96	68.59	53.83	19.99	13.87	13.34	7.12	7.12	14.79	16.80	24.63
	MAX.	58.75	50.08	37.49	170.77	170.77	48.95	44.50	32.29	8.83	32.29	61.11	50.08	170.77
	MIN.	15.95	15.34	12.53	27.35	24.72	13.61	8.83	8.05	5.39	3.86	3.43	8.83	3.43
1974	MEAN	10.99	7.23	13.42	56.44	54.83	22.97	15.41	8.41	8.31	7.60	5.91	5.11	18.08
	MAX.	31.78	15.34	136.64	181.80	120.02	35.39	48.95	17.23	22.27	40.15	19.99	24.72	181.80
	MIN.	5.99	4.33	3.43	15.34	29.76	15.34	9.67	5.99	4.84	4.33	3.86	2.85	2.85
1975	MEAN	8.76	3.70	12.43	34.30	34.28	16.53	11.93	6.37	8.39	10.29	5.62	13.91	13.93
	MAX.	32.19	13.06	38.02	67.74	99.93	30.19	30.19	9.67	27.35	38.02	10.57	60.52	99.93
	MIN.	4.33	2.19	3.43	18.58	18.58	11.52	7.31	4.84	4.09	4.84	3.86	3.86	2.19
1976	MEAN	12.12	17.31	33.14	36.86	31.01	19.39	9.74	6.28	7.64	12.11	5.59	7.30	16.53
	MAX.	51.79	46.16	59.93	48.39	55.82	51.79	15.34	16.58	24.72	35.39	15.34	30.76	59.93
	MIN.	5.99	5.99	9.67	26.45	16.58	12.53	6.62	4.84	4.33	5.39	3.86	3.86	3.86
1977	MEAN	18.48	10.82	14.19	27.48	22.80	10.18	6.22	5.19	12.18	9.62	22.01	47.45	17.26
	MAX.	115.78	36.96	31.78	67.74	73.29	17.23	10.57	16.58	70.20	31.18	63.50	152.30	152.30
	MIN.	5.68	5.99	5.99	12.02	12.53	6.62	4.33	3.86	3.04	4.84	6.62	13.61	3.04
1978	MEAN	32.52	14.90	19.06	49.45	27.74	13.66	8.16	5.62	3.88	3.95	32.51	45.23	21.40
	MAX.	73.92	24.72	40.69	90.59	46.16	19.99	17.23	8.83	4.84	8.05	291.86	99.26	291.86
	MIN.	19.99	10.57	8.05	30.26	19.99	9.67	6.62	4.33	3.04	2.67	3.04	25.58	2.67

SUMMARY OF RIVER DISCHARGE (m³/s)

(3) 1H5

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
1979	MEAN	30.26	33.85	50.28	92.53	51.44	32.00	13.08	8.90	10.54	10.77	13.14	14.97	30.02	
	MAX.	43.95	91.25	106.06	213.52	125.73	78.95	29.22	14.75	45.05	38.55	47.27	50.65	213.52	
	MIN.	22.27	21.49	21.49	42.31	32.80	15.95	9.67	6.96	5.68	4.84	5.11	5.39	4.84	
1980	MEAN	12.67	22.83	18.70	32.07	31.77	9.61	6.90	6.60	-1.00	3.97	10.87	41.11	-1.00	
	MAX.	27.35	88.63	40.15	87.32	61.71	12.53	10.57	17.89	-1.00	17.23	38.02	196.27	196.27	
	MIN.	8.83	12.02	10.57	14.17	18.58	8.05	5.39	4.84	-1.00	2.50	3.64	8.43	2.50	
1981	MEAN	15.11	14.70	12.56	42.28	46.27	16.54	11.96	9.09	8.75	9.74	8.81	20.73	18.09	
	MAX.	36.30	30.46	28.13	124.27	164.25	32.79	29.29	32.79	17.17	25.67	19.37	40.43	164.25	
	MIN.	10.37	9.27	7.31	12.82	20.54	7.61	7.93	6.72	6.16	5.14	6.16	9.63	5.14	
1982	MEAN	17.43	7.34	11.48	29.59	32.71	12.46	16.56	14.66	11.29	58.68	32.82	-1.00	-1.00	
	MAX.	57.75	12.39	66.84	84.04	87.14	19.95	65.63	68.06	31.04	247.88	119.18	-1.00	247.88	
	MIN.	8.58	5.64	4.67	11.15	15.14	10.00	8.58	7.61	7.31	18.25	15.14	-1.00	4.67	
1983	MEAN	-1.00	-1.00	35.18	-1.00	47.74	60.83	66.14	40.98	11.54	8.72	9.00	-1.00	-1.00	
	MAX.	-1.00	-1.00	74.18	92.12	142.86	126.82	82.19	72.95	43.39	48.15	38.07	27.07	142.86	
	MIN.	-1.00	-1.00	13.72	11.15	17.70	20.54	20.54	15.14	3.44	2.45	1.66	3.09	1.66	
1984	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	9.53	7.00	5.40	9.93	43.64	34.74	
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	18.25	8.25	9.63	36.30	96.49	79.72	96.49	
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	7.61	5.64	4.24	4.24	13.27	11.56	4.24	
1985	MEAN	31.63	11.65	11.55	30.26	34.54	9.45	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
	MAX.	92.74	17.70	36.89	54.13	73.57	12.39	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	92.74	
	MIN.	11.56	8.92	6.16	15.14	13.27	7.93	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	6.16	
1986	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	4.90	17.19	32.84	
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	3.83	16.13	58.96	82.19	82.19	
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	3.09	2.76	5.14	11.97	2.76	
1987	MEAN	33.87	10.54	12.55	17.28	31.19	11.12	9.71	8.01	5.80	7.72	12.92	8.41	14.26	
	MAX.	207.70	19.37	33.96	65.63	79.72	62.59	59.56	58.35	54.13	23.01	79.72	19.95	207.70	
	MIN.	12.39	7.61	7.93	7.31	14.18	6.72	5.14	4.90	3.26	3.83	4.67	5.14	3.26	
1988	MEAN	-1.00	7.45	7.53	21.04	9.35	16.82	8.51	-1.00	11.28	7.89	-1.00	-1.00	-1.00	
	MAX.	-1.00	28.13	21.14	43.39	15.63	80.33	59.56	-1.00	87.76	58.35	-1.00	-1.00	87.76	
	MIN.	-1.00	4.03	4.24	10.76	6.72	8.25	4.67	-1.00	5.14	4.24	-1.00	-1.00	4.03	
1989	MEAN	25.80	9.12	10.70	28.07	26.30	16.52	7.31	5.52	4.44	8.93	-1.00	12.89	-1.00	
	MAX.	72.14	14.49	18.62	64.82	42.00	39.25	15.46	8.36	5.64	40.82	-1.00	29.87	72.14	
	MIN.	6.16	5.64	5.14	9.51	17.17	4.38	5.14	4.24	3.44	3.83	-1.00	6.72	3.44	
1990	MEAN	11.88	12.17	20.75	34.22	12.17	9.19	5.01	4.53	5.47	3.83	29.91	9.67	13.00	
	MAX.	54.74	37.67	58.96	110.31	18.99	24.76	10.25	14.18	38.07	6.91	129.80	33.37	129.80	
	MIN.	7.31	6.72	9.51	17.52	8.14	5.64	3.83	3.44	3.09	2.76	2.76	5.81	2.76	
1991	MEAN	12.23	9.15	5.39	16.55	-1.00	-1.00	8.32	4.87	-1.00	3.93	-1.00	15.26	-1.00	
	MAX.	35.72	33.37	16.13	80.75	-1.00	-1.00	40.82	12.39	-1.00	9.27	-1.00	40.82	80.75	
	MIN.	5.47	4.67	3.32	4.67	-1.00	-1.00	4.67	3.83	-1.00	2.76	-1.00	4.24	2.76	
1992	MEAN	4.89	6.26	-1.00	-1.00	-1.00	12.49	6.34	4.17	3.56	-1.00	-1.00	-1.00	-1.00	
	MAX.	14.81	14.81	19.37	-1.00	66.44	36.11	10.00	6.53	11.02	-1.00	-1.00	-1.00	66.44	
	MIN.	3.09	3.09	2.76	-1.00	5.08	7.93	4.67	3.44	2.76	-1.00	-1.00	-1.00	2.76	
TOTAL AVERAGE	MEAN	17.76	13.95	19.18	40.68	34.55	17.71	11.74	8.74	8.40	10.27	18.83	20.11	18.49	
	MEAN MAX.	51.52	34.45	53.14	103.76	82.31	39.16	27.82	21.64	33.19	41.37	70.00	62.59	51.75	
	MEAN MIN.	8.97	7.56	8.26	17.48	19.00	10.45	7.23	5.61	4.70	4.62	6.37	8.42	9.08	
	DATA No.	36.00	37.00	37.00	35.00	36.00	37.00	38.00	37.00	36.00	38.00	36.00	36.00	36.00	29.00
	AB. MAX.	207.70	91.25	136.64	257.03	170.77	126.82	82.19	72.95	127.15	247.88	291.86	205.43	291.86	
AB. MIN.	2.09	1.83	1.83	4.67	6.72	4.38	3.83	3.44	2.76	2.09	0.67	1.39	0.67		

SUMMARY OF RIVER DISCHARGE (m³/s)

(4)-a 1H8 without Culvert

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
1958	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	60.91	60.91	
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	12.88	12.88	
1959	MEAN	19.83	35.34	46.98	45.73	89.55	21.58	13.49	12.38	12.22	9.72	9.83	14.89	27.62	
	MAX.	34.44	77.65	88.18	103.67	146.98	31.30	18.62	29.10	17.42	17.55	20.19	27.67	146.98	
	MIN.	13.33	19.28	20.60	21.36	32.56	15.07	10.13	8.32	7.92	7.82	7.69	9.06	7.69	
1960	MEAN	37.62	28.92	64.93	250.20	164.13	45.84	26.46	15.52	10.05	7.65	9.41	4.41	55.32	
	MAX.	116.05	90.84	116.95	405.96	347.05	57.32	35.66	19.51	11.79	11.26	19.99	5.78	405.96	
	MIN.	5.93	14.02	14.96	104.09	52.63	36.19	18.26	11.79	8.32	5.97	5.97	3.66	3.66	
1961	MEAN	4.38	58.12	56.85	46.88	136.09	31.00	41.39	27.09	16.72	49.91	398.55	244.84	92.60	
	MAX.	8.87	116.65	82.46	128.28	184.07	47.91	80.67	49.93	19.51	163.66	533.12	328.34	533.12	
	MIN.	2.99	9.45	29.99	24.02	50.65	23.29	22.85	16.41	15.07	19.38	217.69	181.51	2.99	
1962	MEAN	323.47	88.44	174.97	158.92	173.38	50.51	28.02	27.39	25.64	15.36	18.09	31.11	93.30	
	MAX.	540.40	131.11	272.66	265.74	261.14	74.93	39.07	42.81	35.13	19.78	34.09	54.10	540.40	
	MIN.	148.31	61.75	95.44	84.26	77.65	35.48	21.43	19.51	17.04	13.11	12.22	14.25	12.22	
1963	MEAN	73.44	55.53	91.46	328.92	171.36	49.42	34.59	20.10	12.74	8.51	125.62	195.45	97.25	
	MAX.	122.71	65.40	206.33	564.77	361.12	63.56	56.13	27.51	15.07	10.23	518.57	505.27	564.77	
	MIN.	41.68	46.11	40.92	207.88	66.56	39.16	23.58	14.66	10.23	7.21	6.78	63.22	6.78	
1964	MEAN	128.74	47.93	107.41	352.03	121.52	49.60	26.82	18.77	14.11	18.03	12.36	8.66	75.30	
	MAX.	213.94	66.33	238.18	487.18	224.47	65.05	33.41	22.07	20.12	47.31	20.19	10.69	487.18	
	MIN.	67.03	32.98	46.07	219.28	64.71	34.27	22.71	15.76	11.58	9.54	8.45	7.51	7.51	
1965	MEAN	26.63	19.80	19.69	149.91	72.34	48.78	18.41	12.41	11.73	18.43	41.24	55.21	41.15	
	MAX.	66.33	41.77	52.42	280.74	208.27	113.23	23.51	14.75	25.89	36.46	73.95	77.15	280.74	
	MIN.	11.58	9.59	11.37	42.53	38.43	24.17	14.75	10.44	8.64	9.98	18.26	35.05	8.64	
1966	MEAN	54.82	71.47	67.13	237.21	110.17	49.67	30.29	18.57	14.83	13.59	21.46	19.12	58.68	
	MAX.	99.03	95.17	159.67	355.25	164.53	69.56	46.21	23.43	24.39	31.55	35.22	29.10	355.25	
	MIN.	32.39	42.62	35.66	152.08	65.05	37.21	21.96	14.87	12.22	9.91	13.02	13.16	9.91	
1967	MEAN	10.11	23.68	23.99	101.17	217.61	118.61	44.24	39.30	53.98	36.42	77.03	259.05	84.22	
	MAX.	16.11	42.05	50.19	289.99	286.52	214.53	69.02	65.52	86.60	64.59	147.31	477.56	477.56	
	MIN.	7.51	7.42	14.78	14.28	115.46	46.61	34.27	29.99	29.58	25.66	35.22	117.70	7.42	
1968	MEAN	133.18	47.57	134.52	460.46	225.61	127.66	47.70	27.54	19.48	14.06	54.18	115.25	117.12	
	MAX.	321.34	69.85	341.19	596.60	442.83	209.34	72.49	37.71	22.64	16.95	179.05	247.92	596.60	
	MIN.	57.76	35.92	47.31	327.17	114.12	64.14	35.13	22.71	16.17	12.11	11.74	34.87	11.74	
1969	MEAN	23.70	34.94	51.82	111.27	219.30	45.76	25.74	20.02	16.74	14.76	21.93	22.34	50.84	
	MAX.	33.66	93.67	148.81	201.62	351.73	65.86	41.63	24.84	23.73	26.93	47.86	33.41	351.73	
	MIN.	18.03	16.17	19.58	46.21	59.35	31.30	19.48	16.73	12.85	11.37	10.23	15.59	10.23	
1970	MEAN	38.04	101.98	104.01	140.44	63.98	28.89	18.97	13.61	18.03	13.35	9.39	33.67	48.25	
	MAX.	71.89	137.24	165.32	173.55	143.18	38.21	22.82	15.92	34.87	18.03	11.63	80.42	173.55	
	MIN.	15.07	68.79	55.70	86.60	39.53	22.85	16.01	12.19	12.14	11.21	7.55	7.42	7.42	
1971	MEAN	40.14	34.68	22.78	133.63	113.05	40.04	30.04	20.49	14.67	13.15	11.50	15.07	40.72	
	MAX.	75.27	49.01	49.51	259.43	263.37	59.44	42.55	26.10	16.63	19.32	15.60	30.97	263.37	
	MIN.	22.42	23.50	16.53	54.81	63.66	32.21	24.73	16.32	12.42	10.73	9.55	9.06	9.06	
1972	MEAN	41.39	17.77	31.57	160.03	266.89	94.97	27.87	16.55	19.87	24.89	43.63	50.57	66.45	
	MAX.	80.91	22.58	65.24	318.96	319.85	248.20	35.31	21.57	39.74	44.53	73.98	78.03	319.85	
	MIN.	16.03	14.56	16.75	52.98	193.37	36.33	21.86	13.01	13.09	13.52	21.71	26.64	13.01	
1973	MEAN	96.00	65.26	73.43	163.26	267.49	53.13	29.40	24.37	15.69	12.92	19.67	26.36	70.71	
	MAX.	175.70	98.57	157.75	239.08	454.78	74.96	37.77	35.97	21.15	21.82	58.29	49.77	454.78	
	MIN.	34.13	39.60	38.22	62.74	77.04	38.77	23.67	21.15	12.58	9.31	7.74	20.14	7.74	
1974	MEAN	18.68	19.17	14.44	83.19	244.43	58.90	32.53	18.42	13.82	12.90	10.49	8.02	44.82	
	MAX.	28.56	44.29	42.39	179.37	597.61	102.58	41.92	22.78	17.58	27.90	13.35	10.90	597.61	
	MIN.	12.32	10.73	7.97	34.46	87.72	36.78	23.38	14.31	11.07	9.23	8.13	6.94	6.94	
1975	MEAN	19.06	9.17	39.55	142.82	138.52	61.87	28.81	16.63	14.68	15.23	10.78	22.70	43.44	
	MAX.	36.78	13.63	88.79	234.34	186.74	183.48	38.11	20.33	23.62	27.90	13.44	53.42	234.34	
	MIN.	6.66	6.25	6.25	31.11	79.95	37.37	20.56	13.44	11.87	10.05	9.06	9.71	6.25	
1976	MEAN	25.64	33.20	60.43	110.39	131.52	45.88	28.35	16.48	12.37	17.64	10.87	11.78	41.89	
	MAX.	61.44	63.10	128.89	175.01	220.69	65.35	35.61	20.22	16.63	29.22	15.91	17.15	220.69	
	MIN.	16.01	14.31	22.90	62.73	55.69	36.93	20.68	13.07	10.38	11.96	8.59	8.13	8.13	
1977	MEAN	32.06	30.93	42.48	66.21	87.16	38.04	17.96	13.36	22.09	19.19	38.22	76.99	40.46	
	MAX.	64.97	48.84	88.58	153.64	192.73	78.71	21.83	17.47	80.56	31.38	84.95	176.75	192.73	
	MIN.	13.07	16.42	22.07	41.92	38.11	22.42	14.70	11.07	9.23	12.88	14.70	32.21	9.23	
1978	MEAN	-1.00	39.26	76.15	206.65	97.02	38.22	-1.00	-1.00	9.46	7.31	45.17	227.11	-1.00	
	MAX.	216.24	62.36	250.75	255.62	215.60	51.36	29.35	15.00	11.69	10.30	214.02	430.71	430.71	
	MIN.	104.89	28.95	25.35	131.69	52.73	28.43	21.95	11.87	7.97	6.04	5.98	144.73	5.98	
1979	MEAN	-1.00	-1.00	178.61	419.17	275.13	129.35	46.65	27.40	22.30	16.94	20.24	-1.00	-1.00	
	MAX.	-1.00	-1.00	296.72	800.92	694.53	199.72	61.26	33.19	33.61	26.87	50.69	-1.00	800.92	
	MIN.	-1.00	-1.00	84.11	270.25	139.98	61.99	32.63	22.19	15.20	11.69	11.42	-1.00	11.42	
1980	MEAN	29.63	50.12	39.94	69.68	131.53	40.76	23.22	17.56	13.21	9.35	32.04	70.96	44.02	
	MAX.	48.02	90.52	57.28	119.91	197.28	67.06	27.64	20.33	16.11	11.42	80.77	143.67	197.28	
	MIN.	21.48	30.02	27.38	31.93	67.82	27.90	19.32	15.60	10.73	8.13	9.31	21.48	8.13	
1981	MEAN	33.72	37.86	29.85	105.37	-1.00	48.51	26.20	18.87	17.55	13.09	15.04	37.41	-1.00	
	MAX.	47.52	57.28	88.36	175.30	-1.00	72.29	31.79	22.19	23.26	23.38	20.79	65.54	175.30	
	MIN.	23.74	25.60	16.42	40.53	-1.00	33.19	20.91	16.84	12.97	9.23	11.42	10.73	9.23	
1982	MEAN	16.61	7.84	10.07	36.60	52.31	16.81	16.39	-1.00	-1.00	-1.00	57.47	54.73	-1.00	
	MAX.	34.82	10.47	15.38	65.89	97.84	24.53	30.03	-1.00	-1.00	-1.00	97.25	80.11	97.14	
	MIN.	9.27	6.47	6.28	8.51	23.78	13.70	11.01	-1.00	-1.00	-1.00	12.35	30.95	6.28	
1983	MEAN	121.11	36.15	45.57	113.85	196.48	108.72	39.49	31.98	20.68	16.66	14.52	19.56	63.95	
	MAX.	264.07	45.95	95.51	146.27	218.54	214.47	51.89	49.23	42.45	31.23	17.63	128.56	264.07	
	MIN.	47.66	29.54	24.45	54.98	126.68	48.18	29.68	22.93	15.27	12.77	12.77	8.54	8.54	
1984	MEAN	73.16	40.53	33.88	79.34	486.57	214.53	34.19	-1.00	-1.00	-1.00	185.03	77.11	-1.00	
	MAX.	164.70	67.72	60.05	180.95	630.67	643.75	40.66	-1.00	-1.00	-1.00	27.07	391.95	154.63	643.75
	MIN.	21.94	28.57	17.74	43.93	234.46	44.60	26.01	-1.00	-1.00	-1.00	11.64	49.06	11.64	

SUMMARY OF RIVER DISCHARGE (m³/s)

(4)-a 1H8 without Culvert

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1985	MEAN	90.32	36.00	34.36	189.60	207.15	37.61	26.00	15.68	12.40	11.38	27.63	43.15	61.08
	MAX.	154.63	65.52	58.53	314.19	368.59	56.09	36.42	19.33	17.08	16.22	55.16	75.80	368.59
	MIN.	40.02	17.97	17.74	55.53	58.91	27.34	18.76	13.25	9.95	9.19	12.77	19.21	9.19
1986	MEAN	29.43	-1.00	29.80	173.72	85.10	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	59.71	37.72	76.57	334.81	197.50	205.07	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	334.81
	MIN.	18.20	16.01	13.53	74.09	49.03	49.03	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	13.53
1987	MEAN	-1.00	27.50	-1.00	-1.00	-1.00	-1.00	16.97	14.48	9.56	12.02	12.66	19.27	-1.00
	MAX.	108.88	39.03	45.31	47.87	163.36	61.96	19.93	20.52	11.69	18.20	20.72	31.24	163.36
	MIN.	41.98	17.46	17.46	26.40	82.90	23.49	14.79	11.85	7.73	7.47	8.25	13.12	7.47
1988	MEAN	14.26	17.61	22.18	79.51	33.27	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	18.58	26.18	67.91	127.06	64.24	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	127.06
	MIN.	11.23	11.08	12.32	58.13	21.63	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	11.08
1989	MEAN	121.76	36.01	23.00	96.22	142.03	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	183.28	94.86	39.83	211.36	222.89	148.74	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	222.89
	MIN.	52.59	21.52	17.46	34.79	93.69	48.45	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	48.45
1990	MEAN	-1.00	-1.00	-1.00	242.31	-1.00	12.50	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	135.64	71.32	364.38	483.54	-1.00	21.73	-1.00	-1.00	-1.00	-1.00	-1.00	151.61	483.54
	MIN.	27.07	24.23	100.00	117.86	-1.00	7.34	-1.00	-1.00	-1.00	-1.00	-1.00	8.25	7.34
1991	MEAN	23.63	29.76	16.54	-1.00	78.30	33.83	19.30	14.50	10.64	10.36	-1.00	-1.00	-1.00
	MAX.	39.30	55.95	26.63	-1.00	126.61	60.67	23.38	19.16	12.00	21.93	-1.00	-1.00	126.61
	MIN.	17.09	16.73	12.88	-1.00	65.23	24.01	16.01	11.69	9.83	8.31	-1.00	-1.00	8.31
1992	MEAN	18.68	16.63	-1.00	-1.00	148.19	-1.00	21.00	13.69	10.63	8.35	26.04	57.36	-1.00
	MAX.	32.45	23.17	-1.00	-1.00	242.40	-1.00	25.96	16.19	12.00	10.63	80.88	92.53	242.40
	MIN.	11.23	10.78	-1.00	-1.00	60.03	-1.00	16.91	12.00	9.62	6.97	6.73	32.93	6.73
1993	MEAN	73.83	74.03	79.50	175.37	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	91.75	110.23	100.40	575.18	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	575.18
	MIN.	57.50	53.19	59.71	61.31	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	53.19
TOTAL AVERAGE	MEAN	57.74	39.79	57.75	163.44	159.60	60.03	28.27	19.75	16.64	15.76	47.59	65.06	60.95
	MEAN MAX.	106.69	66.16	118.04	287.63	278.53	112.94	39.36	27.32	26.18	29.88	101.61	124.90	109.94
	MEAN MIN.	28.20	24.60	28.08	82.94	76.33	33.35	21.25	15.63	12.20	10.74	19.50	33.81	32.22
	DATA No.	31.00	32.00	32.00	32.00	31.00	29.00	29.00	27.00	28.00	28.00	29.00	28.00	22.00
	AB. MAX.	540.40	137.24	341.19	800.92	694.53	643.75	80.67	65.52	86.60	163.66	533.12	505.27	800.92
AB. MIN.	2.99	6.25	6.25	8.51	21.63	7.34	10.13	8.32	7.73	5.97	5.97	3.66	2.99	

SUMMARY OF RIVER DISCHARGE (m³/s)

(4)-b 1H8 With Culvert

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
1958	MEAN	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	
	MAX.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	60.91	60.91	
	MIN.	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	12.88	12.88	
1959	MEAN	19.83	35.34	46.98	45.73	89.55	21.58	13.49	12.38	12.22	9.72	9.83	14.89	27.62	
	MAX.	34.44	77.65	88.18	103.67	146.98	31.30	18.62	29.10	17.42	17.55	20.19	27.67	146.98	
	MIN.	13.33	19.28	20.60	21.36	32.56	15.07	10.13	8.32	7.92	7.82	7.69	9.06	7.69	
1960	MEAN	37.62	28.92	64.93	281.81	172.56	45.84	26.46	15.52	10.05	7.65	9.41	4.41	58.62	
	MAX.	116.05	90.84	116.95	488.76	406.32	57.32	35.66	19.51	11.79	11.26	19.99	5.78	488.76	
	MIN.	5.93	14.02	14.96	104.09	52.63	36.19	18.26	11.79	8.32	5.97	5.97	3.66	3.66	
1961	MEAN	4.38	58.12	56.85	46.88	136.09	31.00	41.39	27.09	16.72	49.91	478.11	261.93	100.59	
	MAX.	8.87	116.65	82.46	128.28	184.07	47.91	80.67	49.93	19.51	163.66	665.78	380.09	665.78	
	MIN.	2.99	9.45	29.99	24.02	50.65	23.29	22.85	16.41	15.07	19.38	221.45	181.51	2.99	
1962	MEAN	373.97	88.44	178.26	161.37	177.60	50.51	28.02	27.39	25.64	15.36	18.09	31.11	98.43	
	MAX.	675.89	131.11	301.82	292.09	285.60	74.93	39.07	42.81	35.13	19.78	34.09	54.10	675.89	
	MIN.	148.31	61.75	95.44	84.26	77.65	35.48	21.43	19.51	17.04	13.11	12.22	14.25	12.22	
1963	MEAN	73.44	55.53	91.46	380.04	182.35	49.42	34.59	20.10	12.74	8.51	144.37	216.88	105.75	
	MAX.	122.71	65.40	206.33	709.67	426.04	63.56	55.13	27.51	15.07	10.23	645.59	627.11	709.67	
	MIN.	41.68	46.11	40.92	207.88	66.56	39.16	23.58	14.66	10.23	7.21	6.78	63.22	6.78	
1964	MEAN	128.74	47.93	107.97	413.06	121.83	49.60	26.82	18.77	14.11	18.03	12.36	8.66	80.38	
	MAX.	213.94	66.33	253.24	601.97	233.87	65.05	33.41	22.07	20.12	47.31	20.19	10.69	601.97	
	MIN.	67.03	32.98	46.07	226.80	64.71	34.27	22.71	15.76	11.58	9.54	8.45	7.51	7.51	
1965	MEAN	26.63	19.80	19.69	155.91	72.34	48.78	18.41	12.41	11.73	18.43	41.24	55.21	41.65	
	MAX.	66.33	41.77	52.42	313.20	208.27	113.23	23.51	14.75	25.89	36.46	73.95	77.15	313.20	
	MIN.	11.58	9.59	11.37	42.53	38.43	24.17	14.75	10.44	8.64	9.98	18.26	35.05	8.64	
1966	MEAN	54.82	71.47	67.13	256.92	110.17	49.67	30.20	18.57	14.83	13.59	21.46	19.12	60.30	
	MAX.	99.03	95.17	159.67	417.82	164.53	69.56	46.21	23.43	24.39	31.55	35.22	29.10	417.82	
	MIN.	32.39	42.62	35.66	152.08	65.05	37.21	21.96	14.87	12.22	9.91	13.02	13.16	9.91	
1967	MEAN	10.11	23.68	23.99	106.22	233.12	118.61	44.24	39.30	53.98	36.42	77.03	288.90	88.48	
	MAX.	16.11	42.05	50.19	326.21	321.33	214.53	69.02	65.52	86.60	64.59	147.31	588.58	588.58	
	MIN.	7.51	7.42	14.78	14.28	115.46	46.61	34.27	29.99	29.58	25.66	35.22	117.70	7.42	
1968	MEAN	136.24	47.57	140.12	564.46	249.37	127.66	47.70	27.54	19.46	14.06	54.18	117.26	128.56	
	MAX.	370.27	69.85	398.12	753.73	540.21	209.34	72.49	37.71	22.64	16.95	179.05	266.98	753.73	
	MIN.	57.76	35.92	47.31	378.45	114.12	64.14	35.13	22.71	16.17	12.11	11.74	34.87	11.74	
1969	MEAN	23.70	34.94	51.82	111.27	245.13	45.76	25.74	20.02	16.74	14.76	21.93	22.34	53.04	
	MAX.	33.66	93.67	148.81	201.62	412.89	65.86	41.63	24.84	23.73	26.93	47.86	33.41	412.89	
	MIN.	18.03	16.17	19.58	46.21	59.35	31.30	19.48	16.73	12.85	11.37	10.23	15.59	10.23	
1970	MEAN	38.04	101.98	104.01	140.44	63.98	28.89	18.97	13.61	18.03	13.35	9.39	33.67	46.25	
	MAX.	71.89	137.24	165.32	173.55	143.18	38.21	22.82	15.92	34.87	18.03	11.63	80.42	173.55	
	MIN.	15.07	68.79	55.70	86.60	39.53	22.85	16.01	12.19	12.14	11.21	7.55	7.42	7.42	
1971	MEAN	40.14	34.68	22.78	137.56	118.71	40.04	30.04	20.49	14.67	13.15	11.50	15.07	41.52	
	MAX.	75.27	49.01	49.51	303.68	312.25	59.44	42.55	26.10	16.63	19.32	15.60	30.97	312.25	
	MIN.	22.42	23.50	16.53	54.81	63.66	32.21	24.73	16.32	12.42	10.73	9.55	9.06	9.06	
1972	MEAN	41.39	17.77	31.57	185.41	320.35	98.06	27.87	16.55	19.87	24.89	43.63	50.57	73.31	
	MAX.	80.91	22.58	65.24	420.57	422.17	278.31	35.31	21.57	39.74	44.53	73.98	78.03	422.17	
	MIN.	16.03	14.56	16.75	52.98	193.37	36.33	21.86	13.01	13.09	13.52	21.71	26.64	13.01	
1973	MEAN	96.00	65.26	73.43	165.52	344.38	53.13	29.40	24.37	15.69	12.92	19.67	26.36	77.42	
	MAX.	175.70	98.57	157.75	256.49	637.07	74.96	37.77	35.97	21.15	21.82	58.29	49.77	637.07	
	MIN.	34.13	39.60	38.22	62.74	77.04	36.77	23.67	21.15	12.58	9.31	7.74	20.14	7.74	
1974	MEAN	18.68	19.17	14.44	83.19	293.29	58.90	32.53	18.42	13.82	12.90	10.49	8.02	48.97	
	MAX.	28.56	44.29	42.39	179.37	834.78	102.58	41.92	22.78	17.58	27.90	13.35	10.90	834.78	
	MIN.	12.32	10.73	7.97	34.46	87.72	36.78	23.38	14.31	11.07	9.23	8.13	6.94	6.94	
1975	MEAN	19.06	9.17	39.55	143.17	138.52	61.87	28.81	16.63	14.68	15.23	10.78	22.70	43.47	
	MAX.	36.78	13.63	88.79	244.63	186.74	183.48	38.11	26.33	23.62	27.90	13.44	53.42	244.63	
	MIN.	6.66	6.25	6.25	31.11	79.95	37.37	20.56	13.44	11.87	10.05	9.06	9.71	6.25	
1976	MEAN	25.64	33.20	60.43	110.39	131.73	45.88	26.35	16.48	12.37	17.64	10.87	11.78	41.91	
	MAX.	61.44	63.10	128.89	175.01	227.12	65.35	35.61	20.22	16.63	29.22	15.91	17.15	227.12	
	MIN.	16.01	14.31	22.90	62.73	55.69	36.93	20.68	13.07	10.38	11.96	8.59	8.13	8.13	
1977	MEAN	32.06	30.93	42.48	66.21	87.16	38.04	17.96	13.36	22.09	19.19	38.22	76.99	40.46	
	MAX.	64.97	48.84	88.58	153.64	192.73	78.71	21.83	17.47	80.56	31.38	84.95	176.75	192.73	
	MIN.	13.07	16.42	22.07	41.92	38.11	22.42	14.70	11.07	9.23	12.88	14.70	32.21	9.23	
1978	MEAN	-1.00	39.26	77.31	215.21	97.02	38.22	-1.00	-1.00	9.46	7.31	45.17	254.33	-1.00	
	MAX.	216.24	62.36	284.19	295.24	215.60	51.36	29.35	15.00	11.69	10.30	214.02	601.52	601.52	
	MIN.	104.89	28.95	25.35	131.69	52.73	28.43	21.95	11.87	7.97	6.04	5.98	144.73	5.98	
1979	MEAN	-1.00	-1.00	189.89	564.51	342.14	129.35	46.65	27.40	22.30	16.94	20.24	-1.00	-1.00	
	MAX.	-1.00	-1.00	379.55	1093.66	960.51	199.72	61.26	33.19	33.61	26.87	50.69	-1.00	1093.66	
	MIN.	-1.00	-1.00	84.11	326.84	139.98	61.99	32.63	22.19	15.20	11.69	11.42	-1.00	11.42	
1980	MEAN	29.63	50.12	39.94	69.68	131.53	40.76	23.22	17.56	13.21	9.35	32.04	70.96	44.02	
	MAX.	48.02	90.52	57.28	119.91	197.28	67.06	27.64	20.33	16.11	11.42	80.77	143.67	197.28	
	MIN.	21.48	30.02	27.38	31.93	67.82	27.90	19.32	15.60	10.73	8.13	9.31	21.48	8.13	
1981	MEAN	33.72	37.86	29.85	105.37	-1.00	48.51	26.20	18.87	17.55	13.09	15.04	37.41	-1.00	
	MAX.	47.52	57.28	88.36	175.30	-1.00	72.29	31.79	22.19	23.26	23.38	20.79	65.54	175.30	
	MIN.	23.74	25.60	16.42	40.53	-1.00	33.19	20.91	16.84	12.97	9.23	11.42	10.73	9.23	
1982	MEAN	16.61	7.84	10.07	36.60	52.31	16.81	16.39	-1.00	-1.00	-1.00	57.47	54.73	-1.00	
	MAX.	34.82	10.47	15.38	65.89	97.84	24.53	30.03	-1.00	-1.00	-1.00	97.25	80.11	97.84	
	MIN.	9.27	6.47	6.28	8.51	23.78	13.70	11.01	-1.00	-1.00	-1.00	12.35	30.95	6.28	
1983	MEAN	121.88	36.15	45.57	113.85	196.48	108.72	39.49	31.98	20.66	16.66	14.52	19.56	64.02	
	MAX.	277.45	45.95	95.51	146.27	218.54	214.47	51.89	49.23	42.45	31.23	17.63	128.56	277.45	
	MIN.	47.66	29.54	24.45	54.98	126.68	48.18	29.88	22.93	15.27	12.77	12.77	8.54	8.54	
1984	MEAN	73.16	40.53	33.88	79.34	615.73	256.25	34.19	-1.00	-1.00	-1.00	193.89	77.11	-1.00	
	MAX.	164.70	67.72	60.05	180.95	832.34	851.60	40.66	-1.00	-1.00	-1.00	27.07	474.78	154.63	851.60
	MIN.	21.94	28.57	17.74	43.93	234.46	44.60	26.01	-1.00	-1.00	-1.00	11.64	49.06	11.64	

SUMMARY OF RIVER DISCHARGE (m³/s)

(4)-b 1H8 With Culvert

YEAR	ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1985	MEAN	90.32	36.00	34.36	197.10	227.22	37.61	26.00	15.68	12.40	11.38	27.63	43.15	63.40
	MAX.	154.63	65.52	58.53	355.35	439.07	56.09	36.42	19.33	17.08	16.22	55.16	75.80	439.07
	MIN.	40.02	17.97	17.74	55.53	58.91	27.34	18.76	13.25	9.95	9.19	12.77	19.21	9.19
1986	MEAN	29.43	-1.00	29.80	210.00	86.03	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	59.71	37.72	76.57	470.12	226.31	241.60	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	470.12
	MIN.	18.20	16.01	13.53	74.09	49.03	49.03	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	13.53
1987	MEAN	-1.00	27.50	-1.00	-1.00	-1.00	-1.00	16.97	14.46	9.56	12.02	12.66	19.27	-1.00
	MAX.	108.98	39.03	45.31	47.87	163.36	61.96	19.93	20.52	11.69	18.20	20.72	31.24	163.36
	MIN.	41.98	17.46	17.46	26.40	82.90	23.49	14.78	11.85	7.73	7.47	8.25	13.12	7.47
1988	MEAN	14.26	17.61	22.18	79.51	33.27	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	18.58	26.18	67.91	127.06	64.24	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	127.06
	MIN.	11.23	11.08	12.32	58.13	21.63	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	11.08
1989	MEAN	122.22	36.01	23.00	98.79	147.21	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	196.66	94.86	39.83	254.07	276.40	148.74	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	276.40
	MIN.	52.59	21.52	17.46	34.79	93.69	48.45	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	17.46
1990	MEAN	-1.00	-1.00	-1.00	310.73	-1.00	12.50	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	135.64	71.32	516.67	692.93	-1.00	21.73	-1.00	-1.00	-1.00	-1.00	151.61	47.58	692.93
	MIN.	27.07	24.23	100.00	117.86	-1.00	7.34	-1.00	-1.00	-1.00	-1.00	8.25	23.80	7.34
1991	MEAN	23.63	29.76	16.54	-1.00	78.30	33.83	19.30	14.50	10.64	10.36	-1.00	-1.00	-1.00
	MAX.	39.30	55.95	26.63	-1.00	126.61	60.67	23.38	19.16	12.00	21.93	-1.00	-1.00	126.61
	MIN.	17.09	16.73	12.88	-1.00	65.23	24.01	16.01	11.69	9.83	8.31	-1.00	-1.00	8.31
1992	MEAN	18.68	16.63	-1.00	-1.00	156.37	-1.00	21.00	13.69	10.63	8.35	26.04	57.36	-1.00
	MAX.	32.45	23.17	-1.00	-1.00	312.88	-1.00	25.96	16.19	12.00	10.63	80.88	92.53	312.88
	MIN.	11.23	10.78	-1.00	-1.00	60.03	-1.00	16.91	12.00	9.62	6.97	6.73	32.93	6.73
1993	MEAN	73.83	74.03	79.50	220.27	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	MAX.	91.75	110.23	100.40	820.08	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	820.08
	MIN.	57.50	53.19	59.71	61.31	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	53.19
TOTAL AVERAGE	MEAN	59.51	39.79	58.43	183.02	175.89	61.58	28.27	19.75	16.64	15.76	51.28	68.55	64.87
	MEAN MAX.	113.50	66.16	124.84	345.02	330.77	121.14	39.36	27.32	26.18	29.88	113.42	141.85	123.29
	MEAN MIN.	28.20	24.60	28.08	86.55	76.33	33.35	21.25	15.63	12.20	10.74	19.63	33.81	32.53
	DATA No.	31.00	32.00	32.00	32.00	31.00	29.00	29.00	27.00	28.00	28.00	29.00	28.00	22.00
	AB. MAX.	675.89	137.24	398.12	1093.66	960.51	851.60	80.67	65.52	86.60	163.66	665.78	627.11	1093.66
AB. MIN.	2.99	6.25	6.25	8.51	21.63	7.34	10.13	8.32	7.73	5.97	5.97	3.66	2.99	