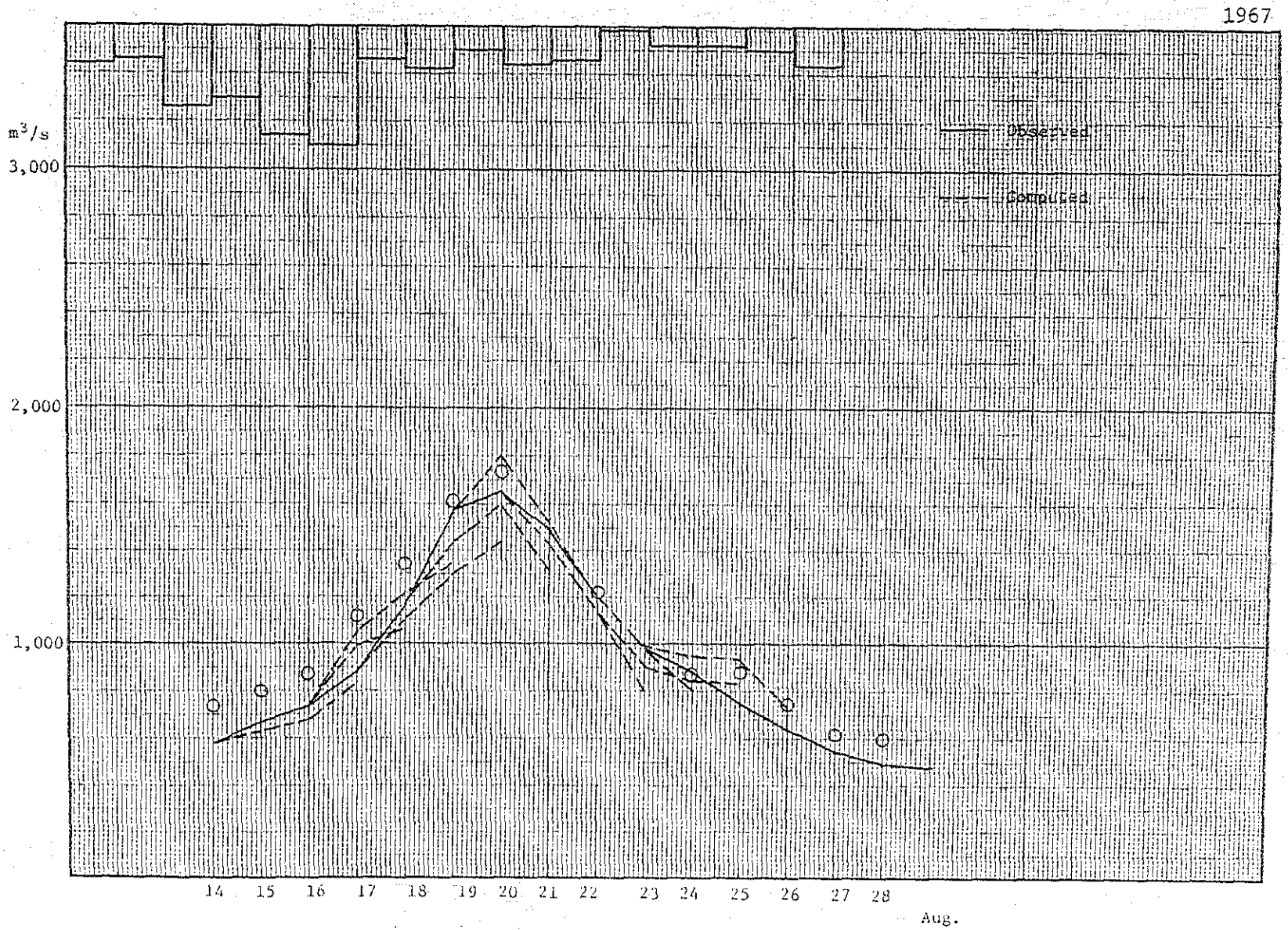
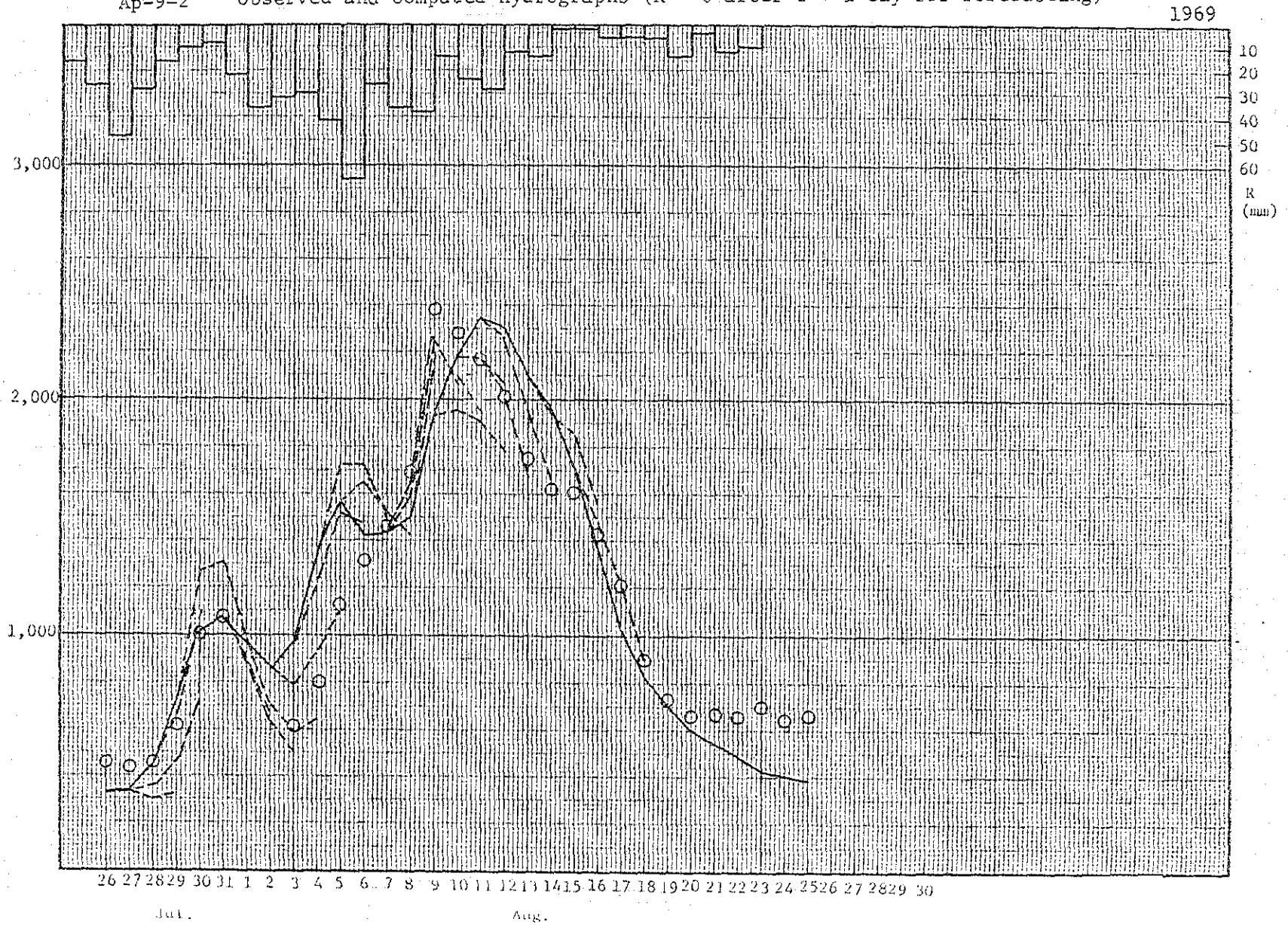
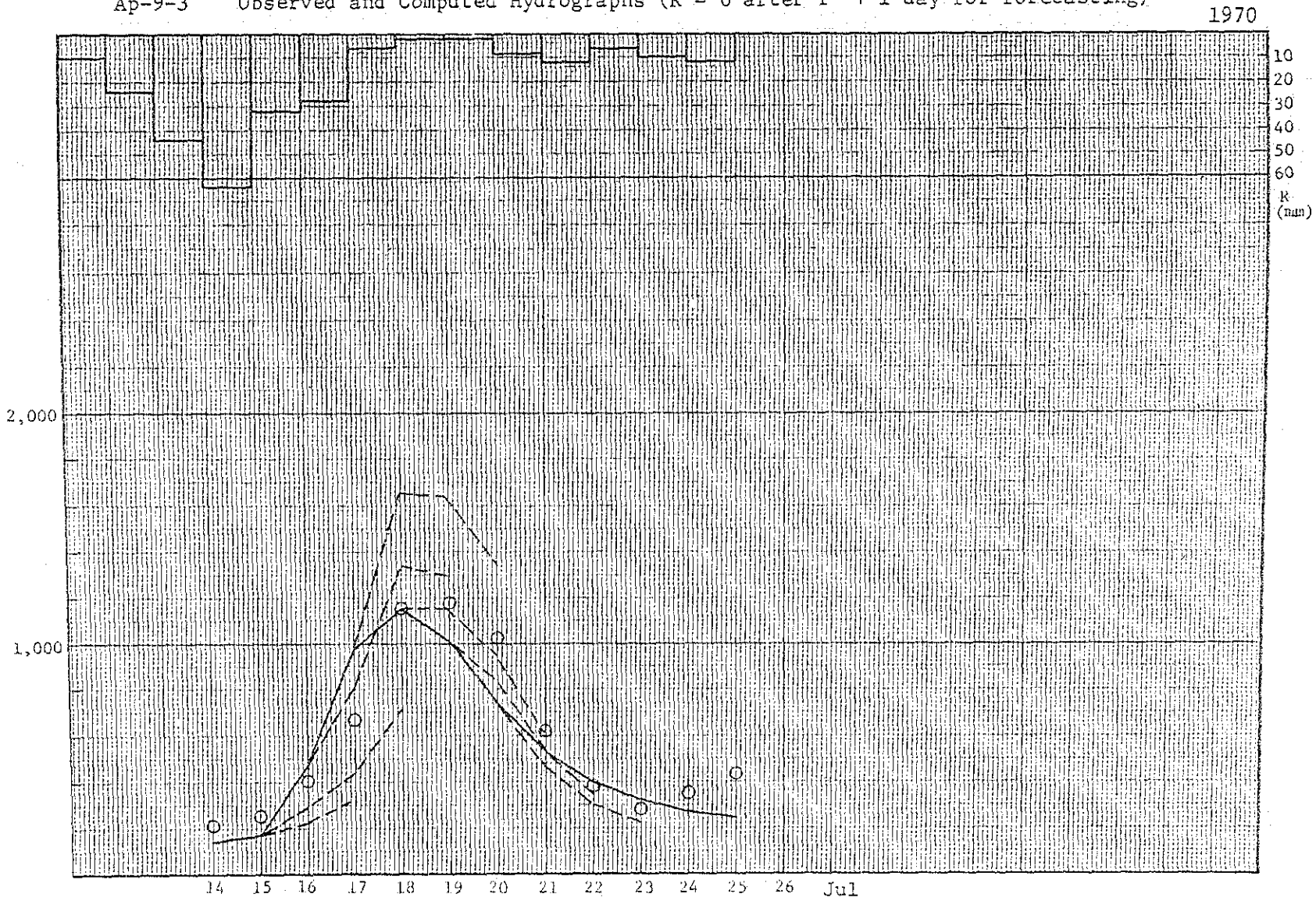
Ap-9-1 Observed and Computed Hydrographs (R = 0 after T + 1 day for forecasting)



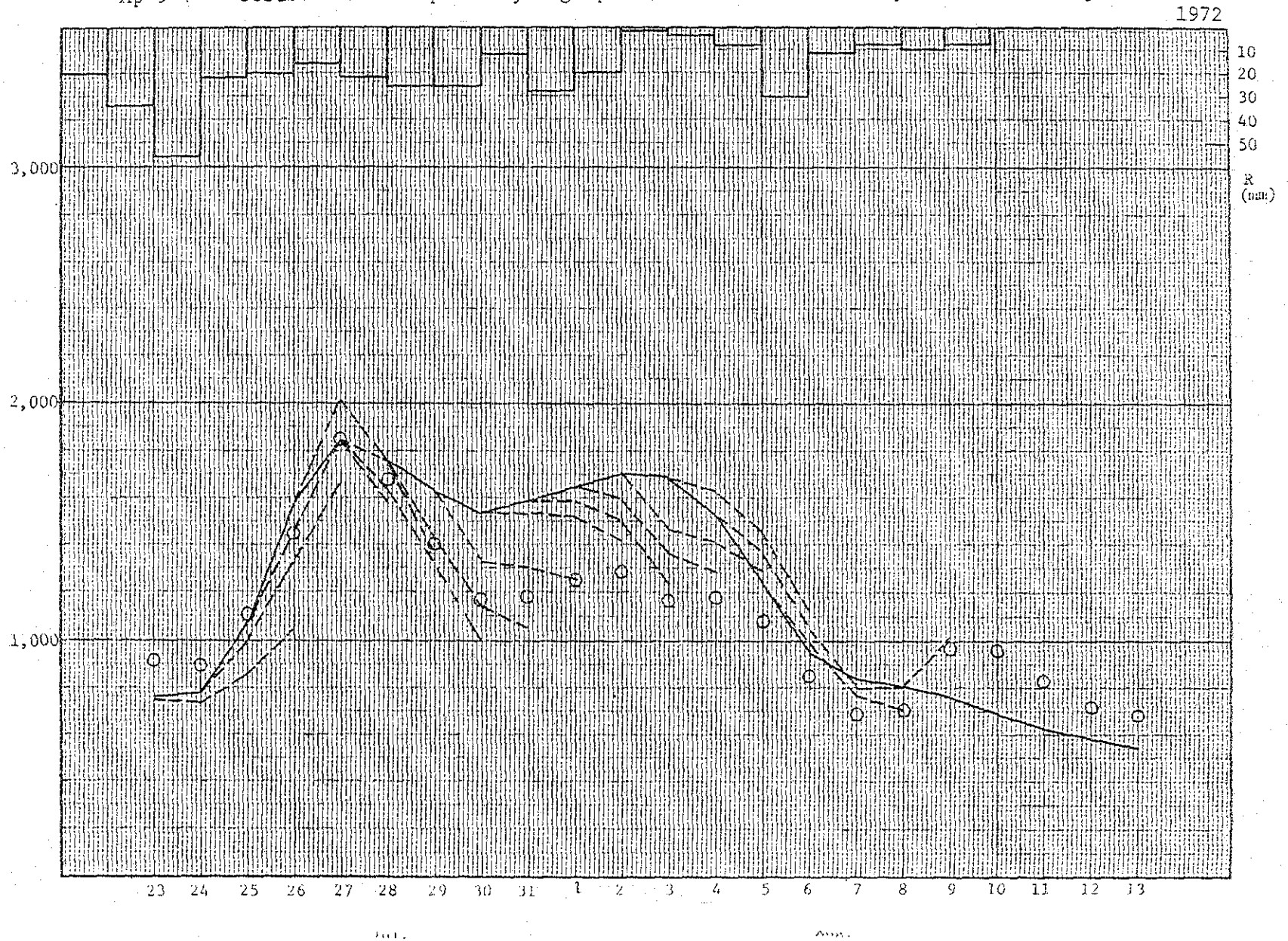
Ap-9-2 Observed and Computed Hydrographs (R = 0 after T + 1 day for forecasting)



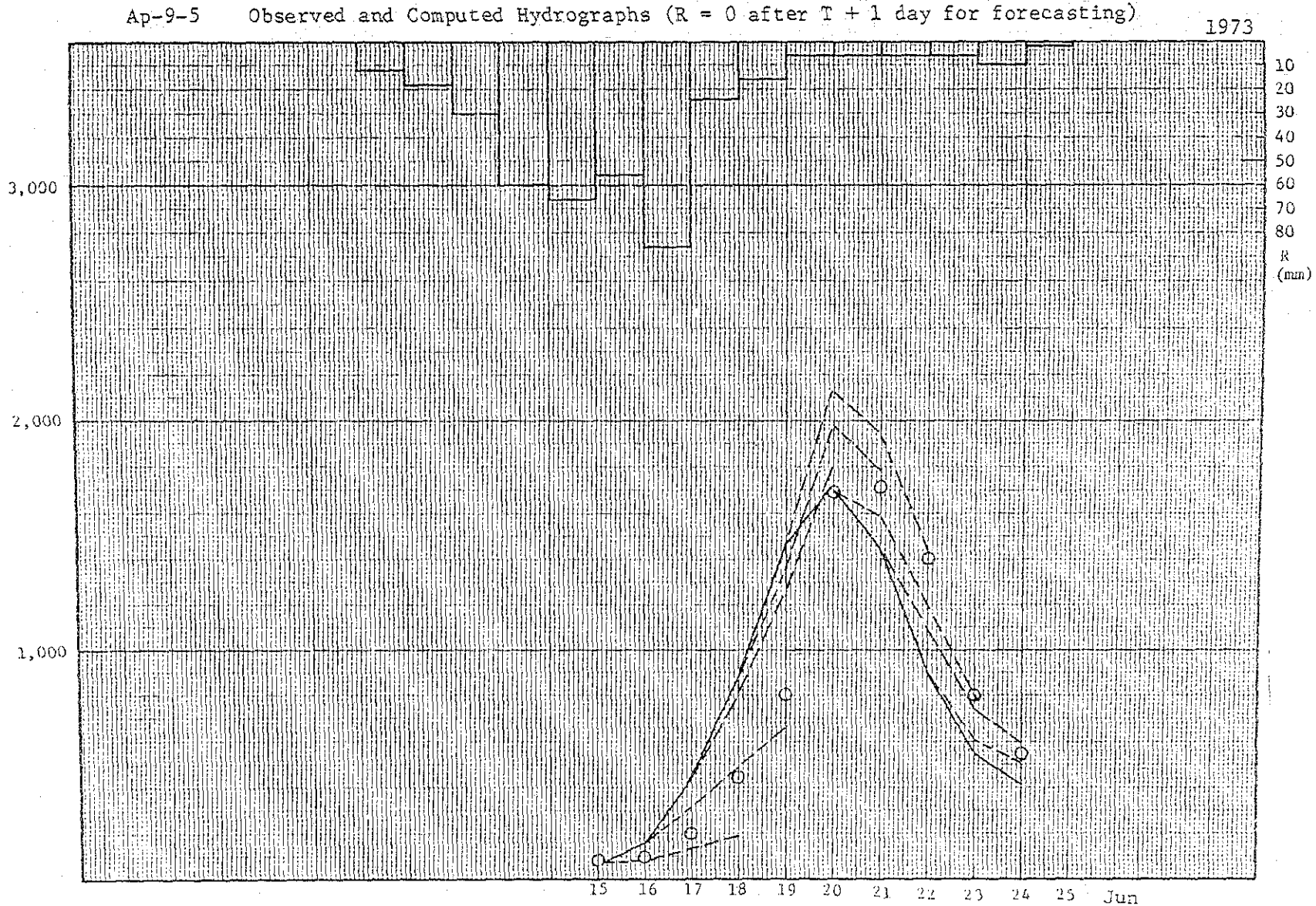
Ap-9-3 Observed and Computed Hydrographs (R = 0 after T + 1 day for forecasting)



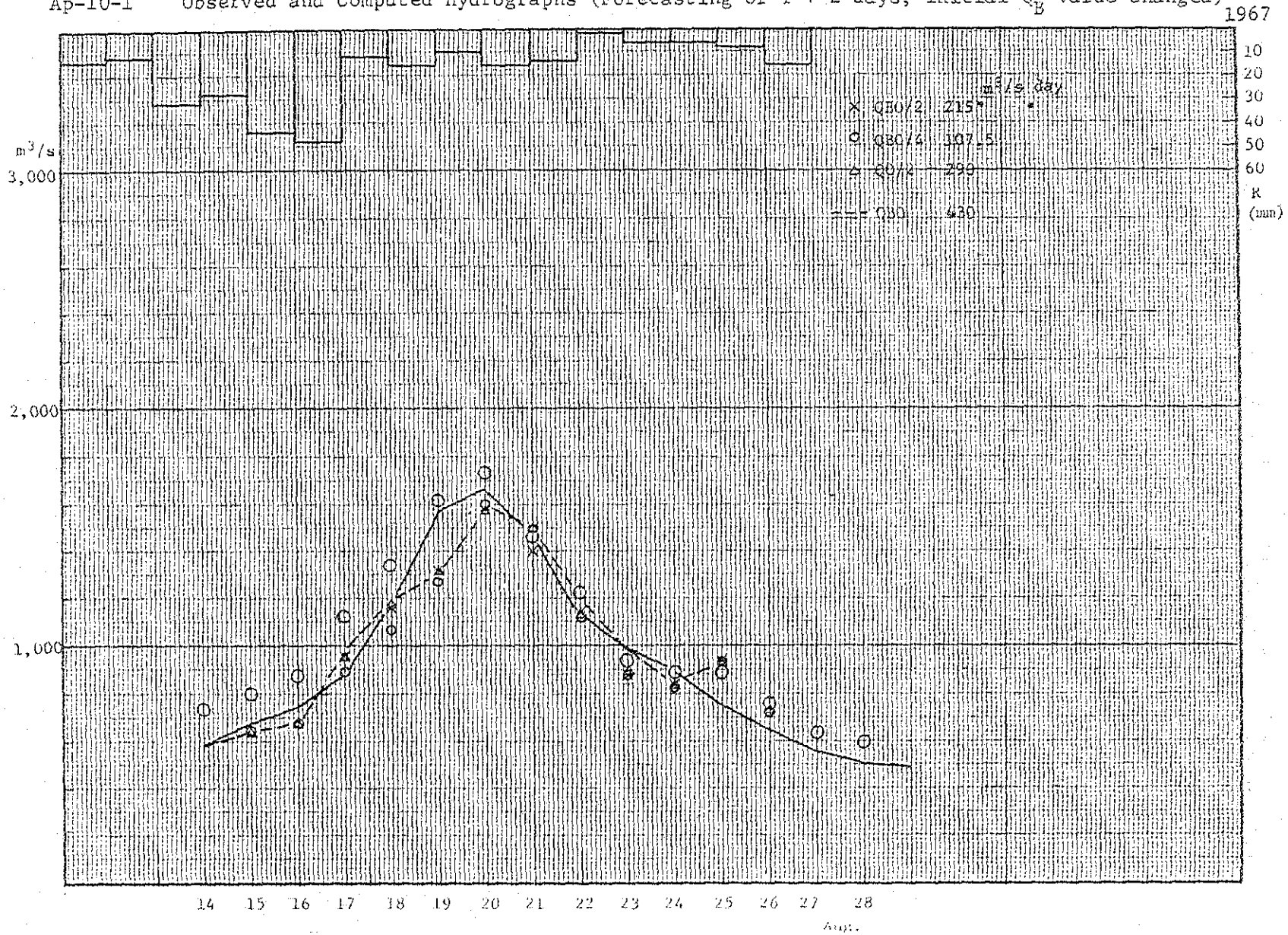
Ap-9-4 Observed and Computed Hydrographs (R = 0 after T + 1 day for forecasting)



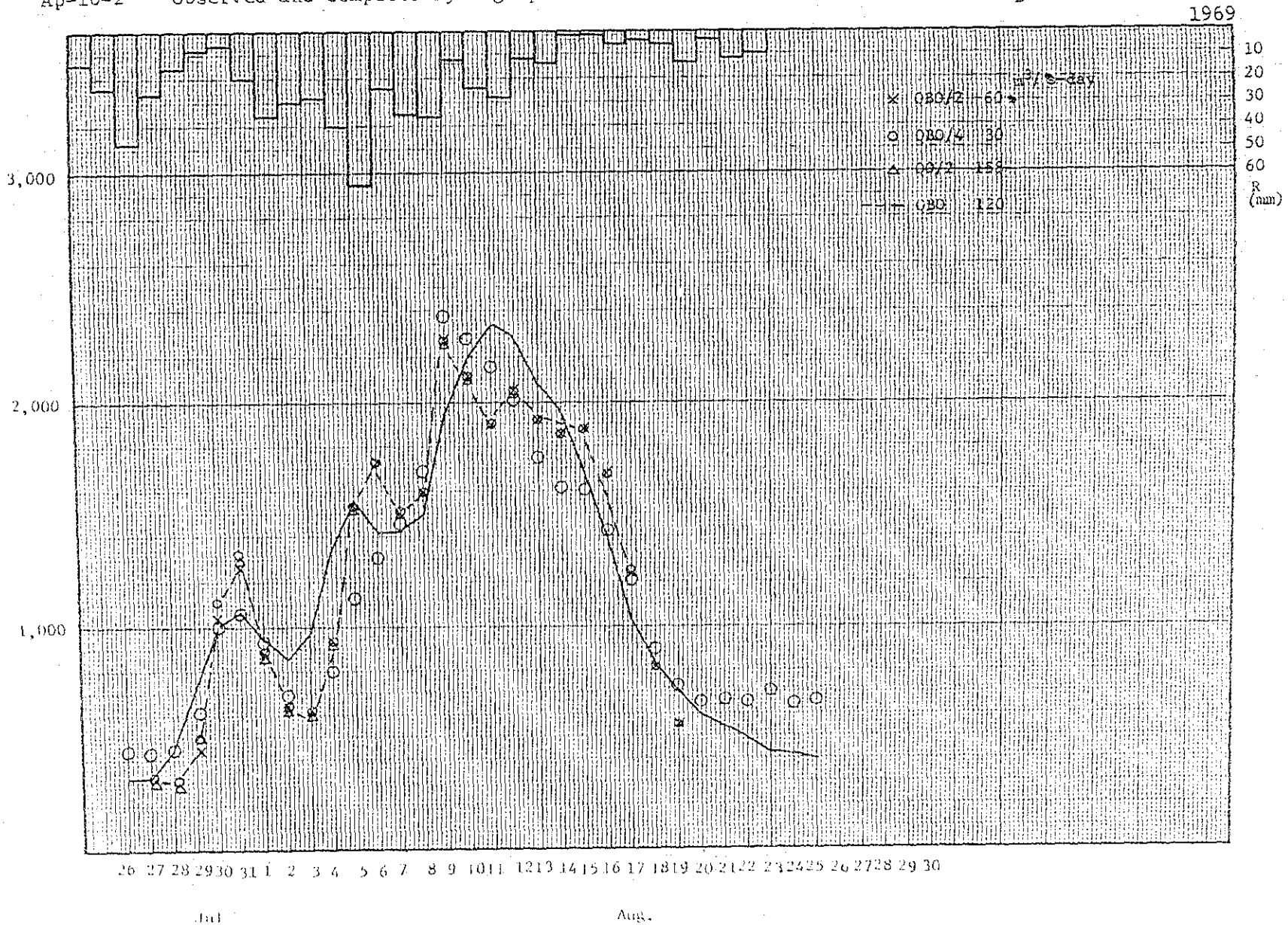
Ap-9-5 Observed and Computed Hydrographs (R = 0 after T + 1 day for forecasting)



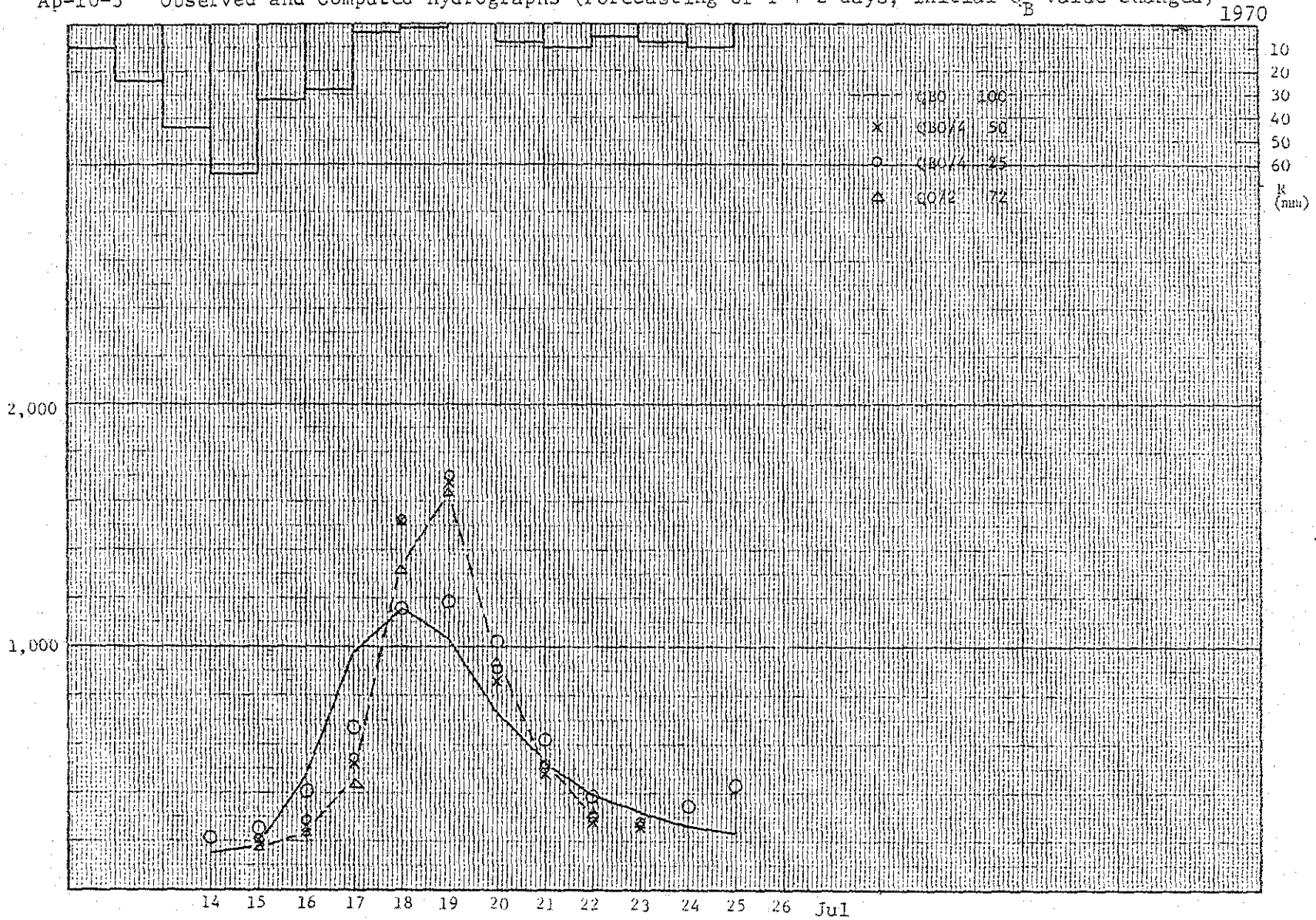
Ap-10-1 Observed and Computed Hydrographs (Forecasting of T + 2 days; initial Q_B value changed)



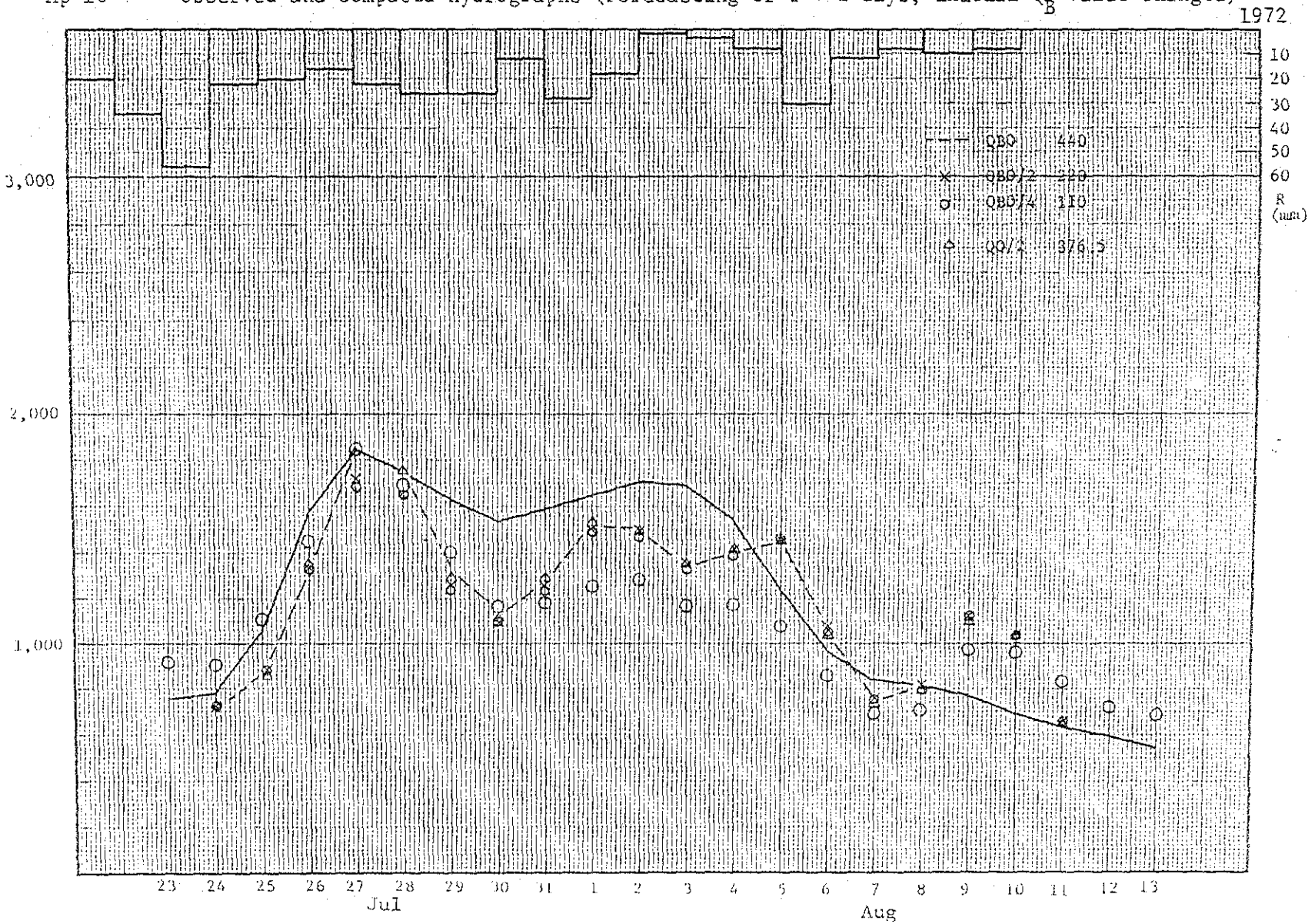
Ap-10-2 Observed and Computed Hydrographs (Forecasting of T + 2 days; initial Q_B value changed)



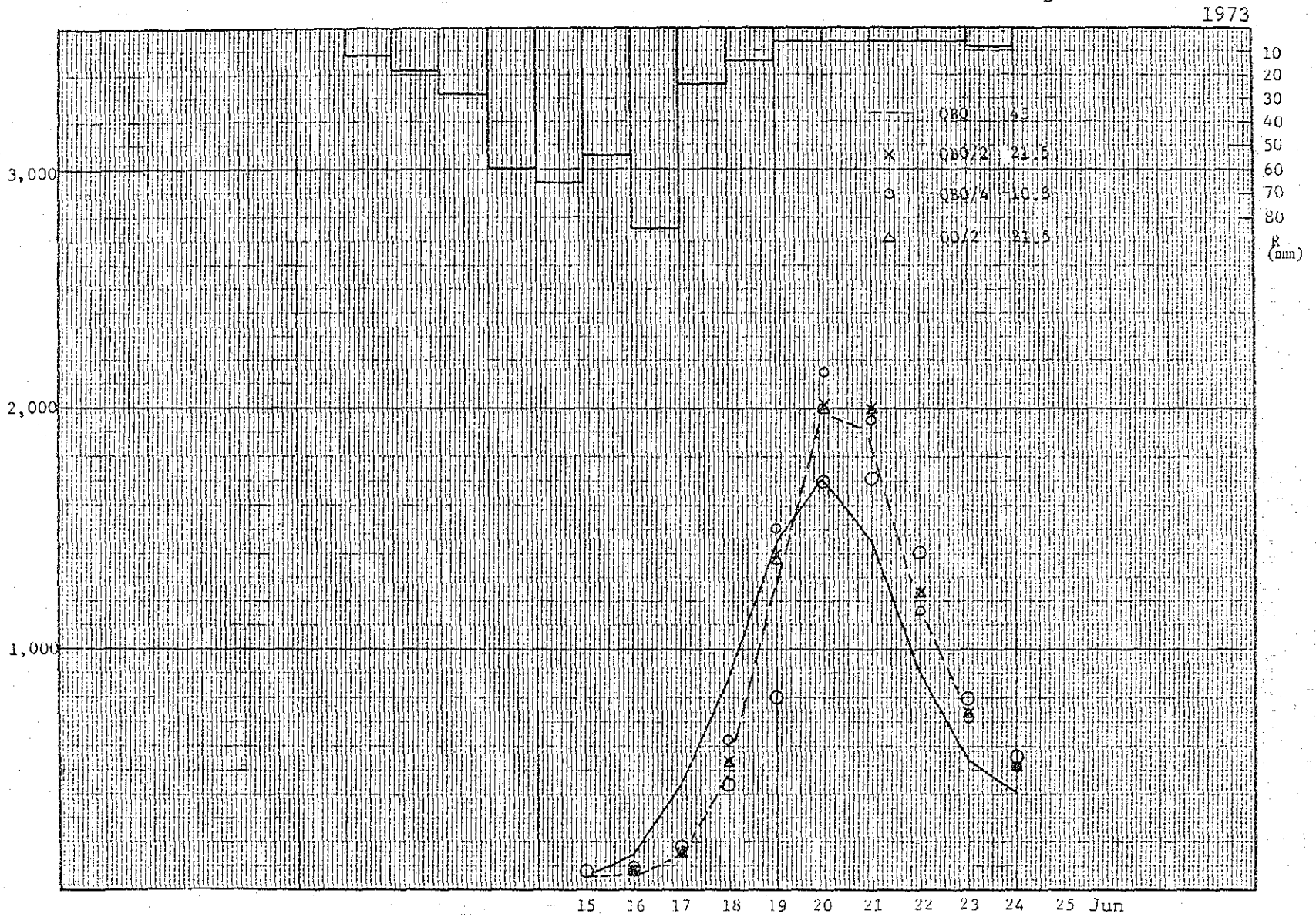
Ap-10-3 Observed and Computed Hydrographs (Forecasting of T + 2 days; initial Q_B value changed)



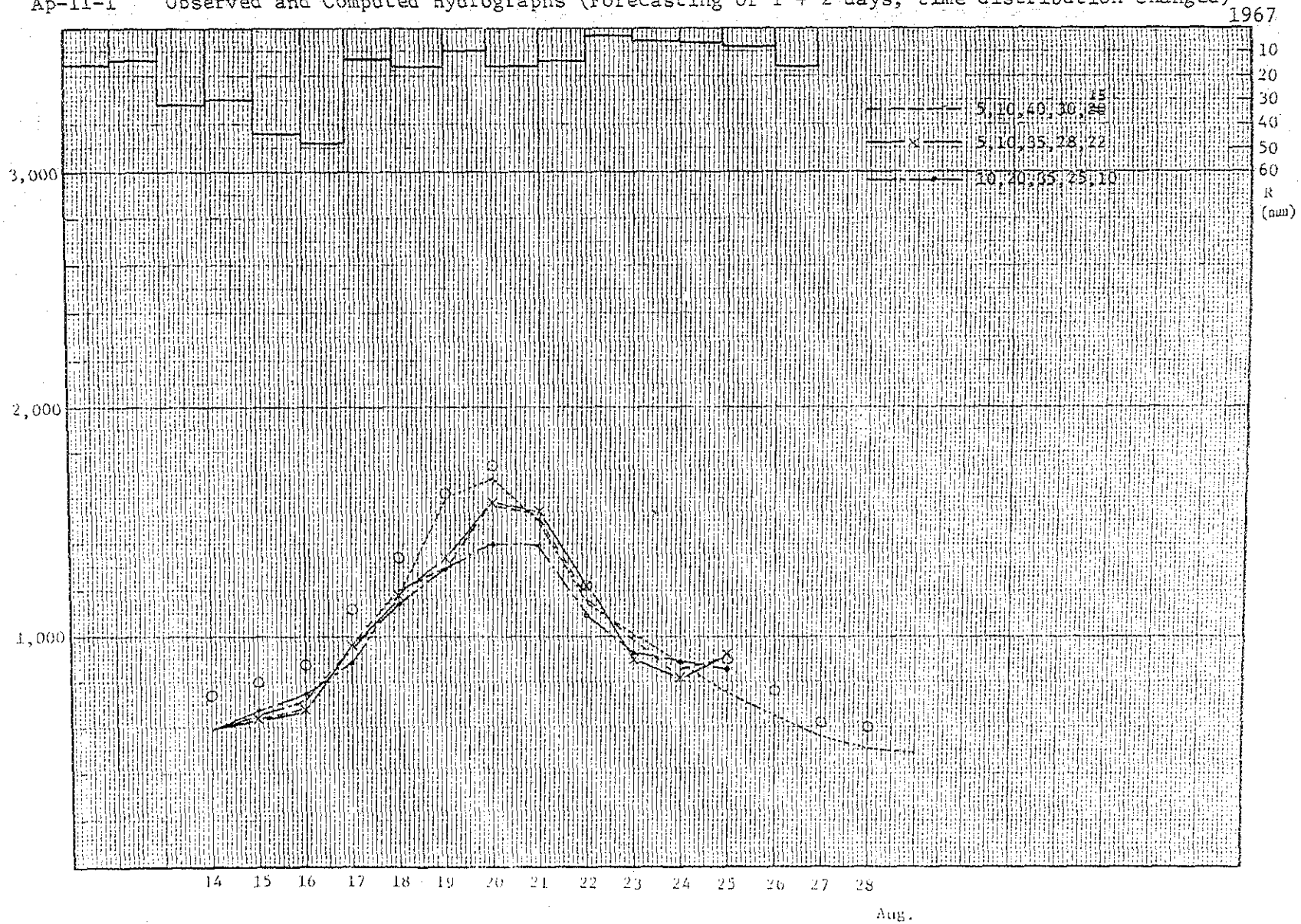
Ap-10-4 Observed and Computed Hydrographs (Forecasting of T + 2 days; initial Q_B value changed)



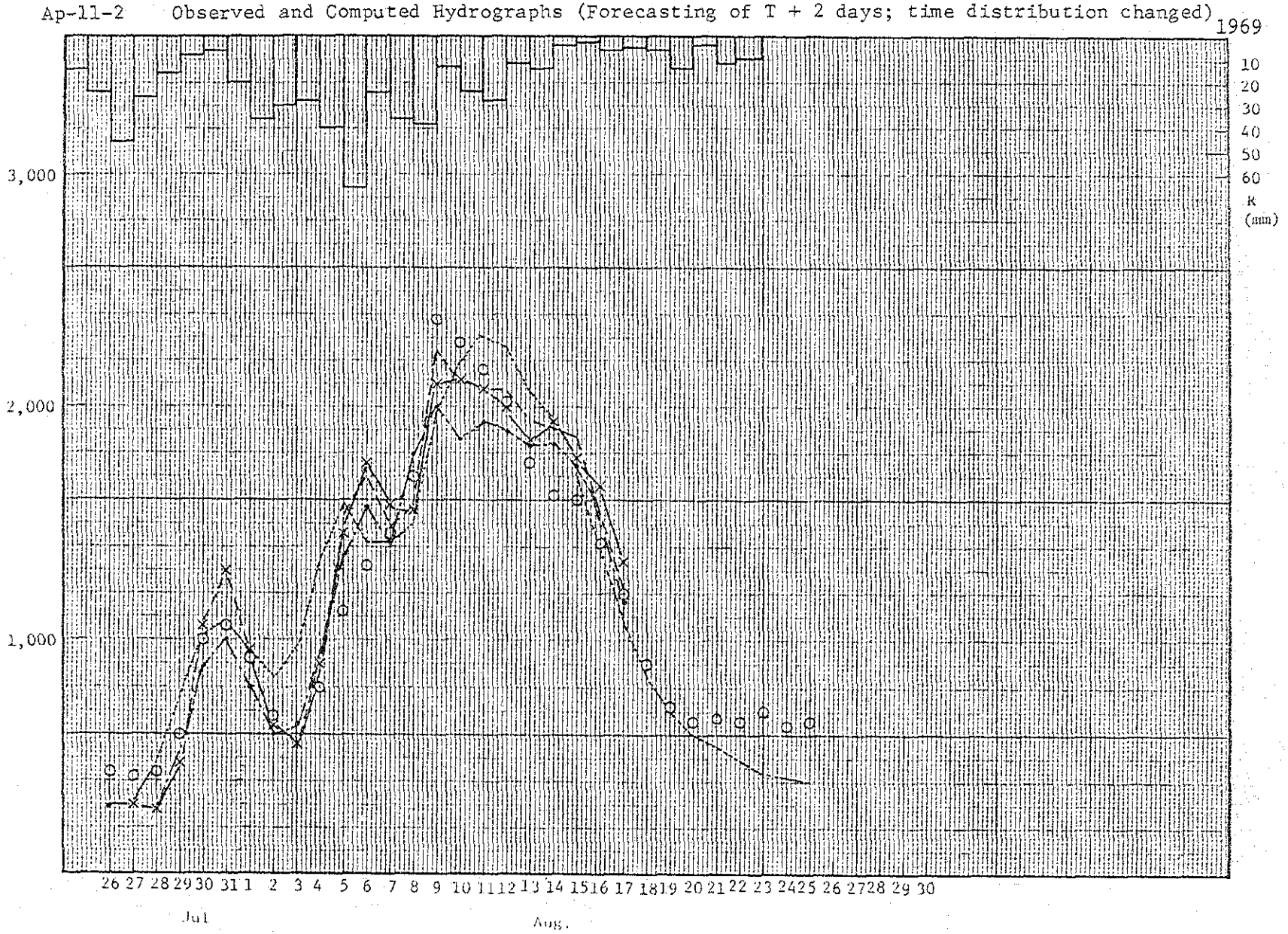
Ap-10-5 Observed and Computed Hydrographs (Forecasting of T + 2 days; initial Q_B value changed)



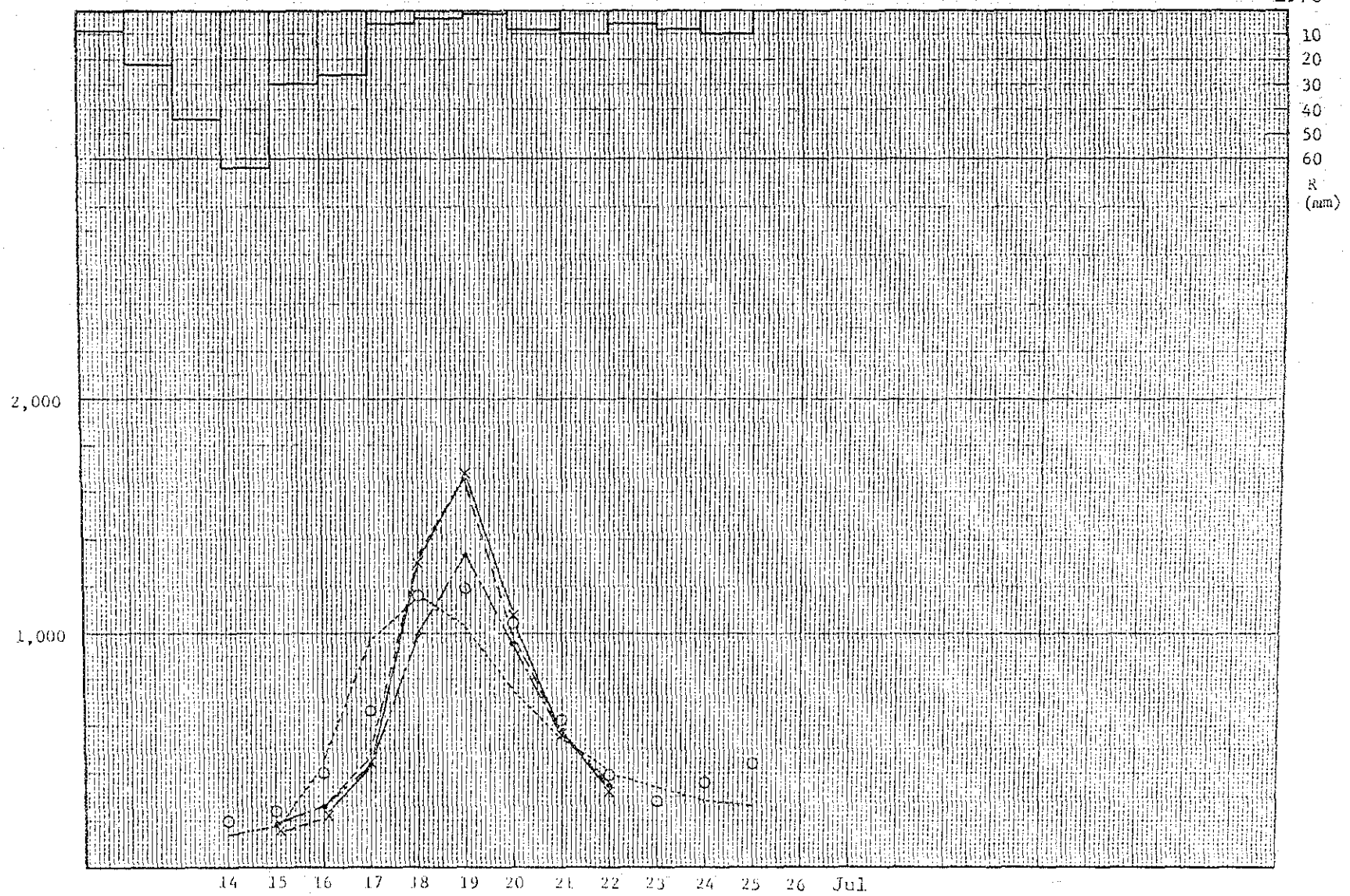
Ap-11-1 Observed and Computed Hydrographs (Forecasting of T + 2 days; time distribution changed)



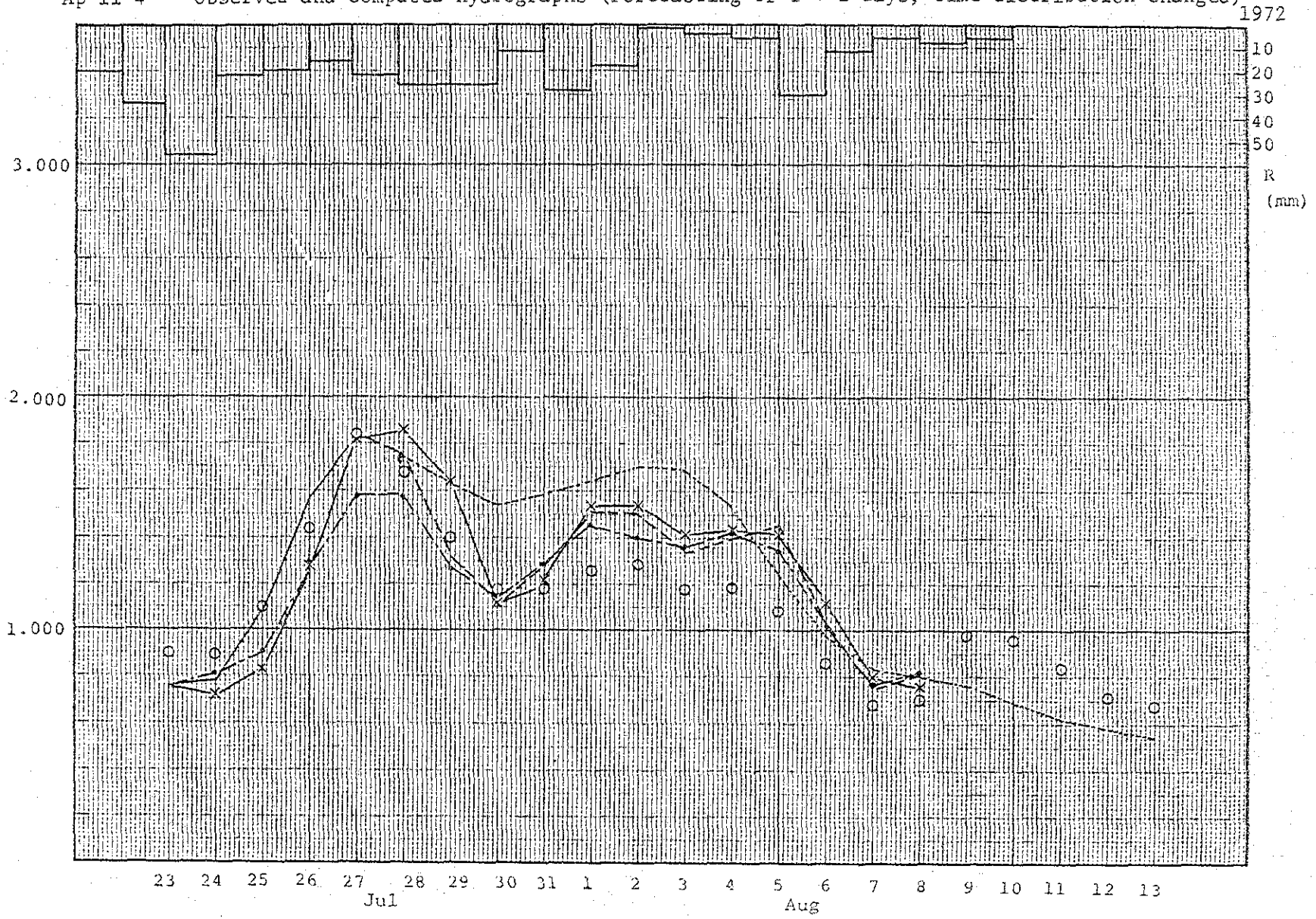
Ap-11-2 Observed and Computed Hydrographs (Forecasting of T + 2 days; time distribution changed)



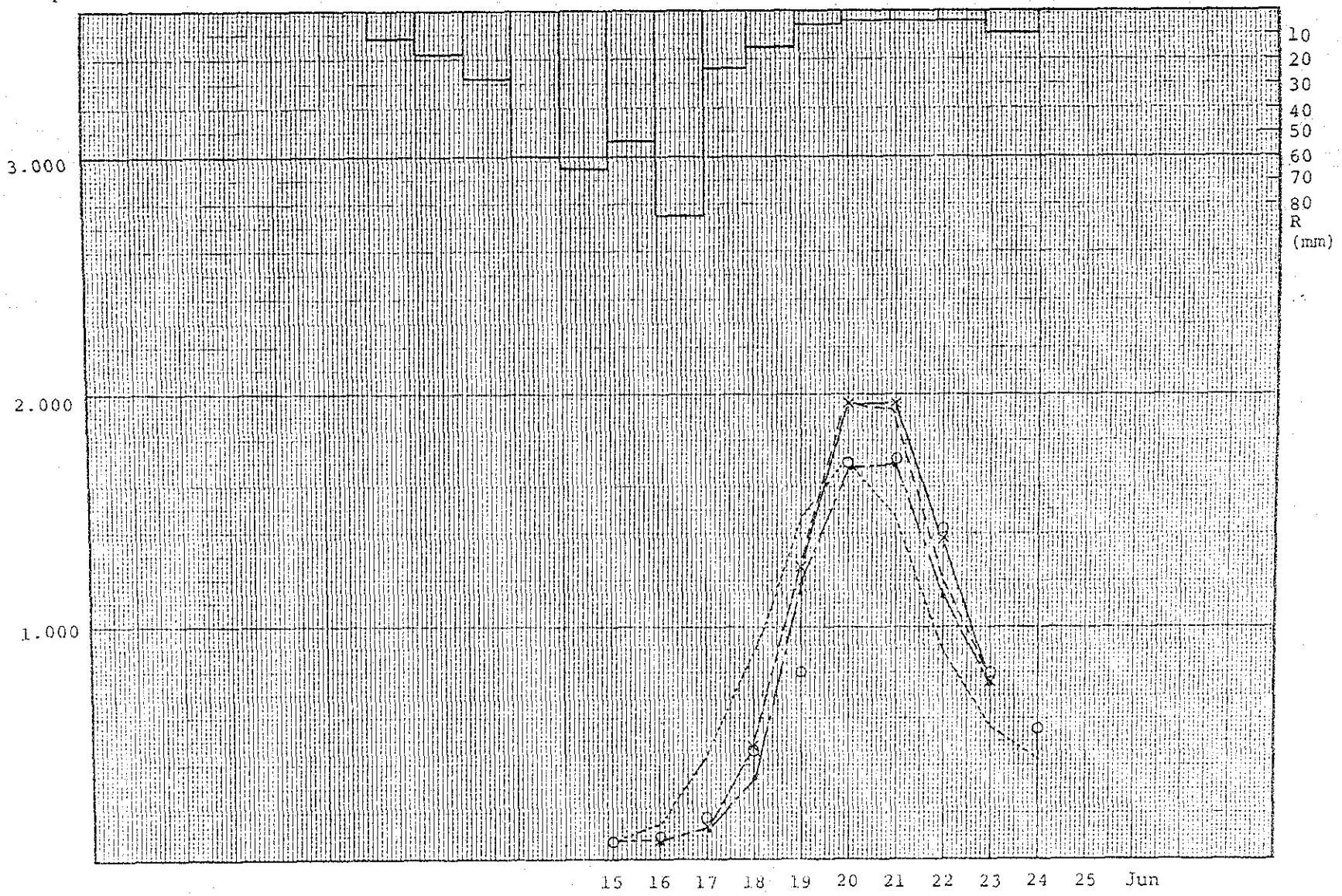
Ap-11-3 Observed and Computed Hydrographs (Forecasting of T + 2 days; time distribution changed)



Ap-11-4 Observed and Computed Hydrographs (Forecasting of T + 2 days; time distribution changed)



Ap-11-5 Observed and Computed Hydrographs (Forecasting of T + 2 days; time distribution changed) 1973



QS(MM): 10^{-2}

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 10 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
11	101.40	61.54	0.70	30.77	7.73	-16.30	145.51	-1.79	0.50	30.77	321.15	260.49	406.00	406.00
12	83.90	65.43	1.00	25.81	18.46	10.79	148.89	-1.84	0.61	39.62	536.43	435.11	584.00	584.00
13	63.80	49.76	1.00	19.63	33.45	24.57	244.40	-3.01	0.61	30.13	1414.85	1147.60	1392.00	1392.00
14	34.30	33.25	1.00	13.12	25.74	37.54	310.20	-3.82	0.61	20.13	2259.62	1832.80	2143.00	2143.00
15	15.10	15.10	1.00	5.14	17.36	56.93	367.49	-4.53	0.66	9.96	2837.49	2301.51	2669.00	2669.00
** 16	13.00	13.00	1.00	4.42	12.03	63.12	473.36	-5.84	0.66	8.58	3106.41	2519.64	2993.00	2993.00
17	10.60	10.60	1.00	3.61	6.52	63.31	513.22	-6.33	0.66	6.99	2445.98	1983.96	2497.17	3026.00
18	13.90	13.90	1.00	4.73	4.32	61.29	514.51	-6.34	0.66	9.17	1575.08	1277.56	1792.07	2723.00
19	8.60	8.60	1.00	2.93	4.11	59.22	501.11	-6.18	0.66	5.67	1059.61	859.46	1360.57	2171.00
20	8.80	6.16	0.70	2.10	3.97	57.17	487.74	-6.01	0.66	4.06	806.42	654.09	1141.84	1538.00
21	7.90	5.53	0.70	1.88	3.04	54.36	474.87	-5.85	0.66	3.65	782.21	634.46	1109.33	1068.00
22	20.20	14.14	0.70	4.81	2.20	50.91	457.72	-5.64	0.66	9.33	665.75	539.99	997.72	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	437.59	-5.39	0.0	0.0	553.38	448.85	886.44	753.00

YEAR 1972 MONTH 7 *** CASE 10 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
12	83.90	79.29	1.00	31.28	18.46	10.79	148.89	-1.84	0.61	48.01	536.43	435.11	584.00	584.00
13	63.80	60.29	1.00	23.78	33.45	24.57	244.40	-3.01	0.61	36.51	1414.85	1147.60	1392.00	1392.00
14	34.30	34.30	1.00	9.90	25.74	37.54	310.20	-3.82	0.71	24.40	2259.62	1832.80	2143.00	2143.00
15	15.10	15.10	1.00	3.03	17.36	56.93	367.49	-4.53	0.80	12.07	2837.49	2301.51	2669.00	2669.00
16	13.00	13.00	1.00	2.61	12.03	86.28	473.36	-5.84	0.80	10.39	3106.41	2519.64	2993.00	2993.00
** 17	10.60	10.60	1.00	2.13	4.28	82.90	621.90	-7.67	0.80	8.47	2963.96	2404.10	3026.00	3026.00
18	13.90	13.90	1.00	2.79	2.55	77.97	605.83	-7.47	0.80	11.11	1908.63	1548.11	2153.94	2723.00
19	8.60	8.60	1.00	1.73	2.42	73.21	583.24	-7.19	0.80	6.87	1284.01	1041.47	1624.71	2171.00
20	8.80	6.16	0.70	1.24	2.34	68.61	562.15	-6.93	0.80	4.92	977.19	792.61	1354.76	1538.00
21	7.90	5.53	0.70	1.11	1.79	63.72	542.56	-6.69	0.80	4.42	947.86	768.82	1311.37	1068.00
22	20.20	14.14	0.70	2.84	1.30	58.63	517.23	-6.38	0.80	11.30	806.73	654.35	1171.58	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	484.03	-5.97	0.0	0.0	670.57	543.90	1027.93	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 10 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
13	63.80	63.80	1.00	17.65	33.45	24.57	244.40	-3.01	0.61	46.15	1414.85	1147.60	1392.00	1392.00
14	34.30	34.30	1.00	3.46	25.74	37.54	310.20	-3.82	0.71	30.84	2259.62	1832.80	2143.00	2143.00
15	15.10	15.10	1.00	0.0	17.36	56.93	367.49	-4.53	1.00	15.10	2837.49	2301.51	2669.00	2669.00
16	13.00	13.00	1.00	0.0	12.03	86.28	473.36	-5.84	1.00	13.00	3106.41	2519.64	2993.00	2993.00
17	10.60	10.60	1.00	0.0	4.28	113.25	621.90	-7.67	1.00	10.60	2963.96	2407.10	3026.00	3026.00
** 18	13.90	13.90	1.00	0.0	0.0	103.81	765.89	-9.44	1.00	13.90	2404.60	1950.40	2716.28	2723.00
19	8.60	8.60	1.00	0.0	0.0	95.03	712.02	-8.78	1.00	8.60	1611.15	1306.82	2018.84	2171.00
20	8.80	6.16	0.70	0.0	0.0	86.83	665.35	-8.20	1.00	6.16	1222.50	991.58	1656.93	1538.00
21	7.90	5.53	0.70	0.0	0.0	79.13	624.51	-7.70	1.00	5.53	1185.80	961.81	1586.32	1068.00
22	20.20	14.14	0.70	0.0	0.0	71.87	588.45	-7.25	1.00	14.14	1009.25	818.61	1407.07	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	556.39	-6.86	0.0	0.0	838.90	680.44	1236.83	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 10 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
14	34.30	34.30	1.00	1.13	25.74	37.54	310.20	-3.82	0.71	33.17	2259.62	1832.80	2143.00	2143.00
15	15.10	15.10	1.00	0.0	17.36	56.93	367.49	-4.53	1.00	15.10	2837.49	2301.51	2669.00	2669.00
16	13.00	13.00	1.00	0.0	12.03	86.28	473.36	-5.84	1.00	13.00	3106.41	2519.64	2993.00	2993.00
17	10.60	10.60	1.00	0.0	4.28	113.25	621.90	-7.67	1.00	10.60	2963.96	2404.10	3026.00	3026.00
18	13.90	13.90	1.00	0.0	0.0	113.22	765.89	-9.44	1.00	13.90	2404.60	1950.40	2716.28	2723.00
** 19	8.60	8.60	1.00	0.0	0.0	103.78	765.69	-9.44	1.00	8.60	1646.02	1335.10	2100.79	2171.00
20	8.80	6.16	0.70	0.0	0.0	95.00	711.85	-8.78	1.00	6.16	1222.50	991.58	1703.43	1538.00
21	7.90	5.53	0.70	0.0	0.0	86.80	665.20	-8.20	1.00	5.53	1185.80	961.81	1627.01	1068.00
22	20.20	14.14	0.70	0.0	0.0	79.10	624.37	-7.70	1.00	14.14	1009.25	818.61	1442.99	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	588.34	-7.25	0.0	0.0	838.90	680.44	1268.78	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 10 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
15	15.10	13.63	1.00	0.0	17.36	56.93	367.49	-4.53	1.00	13.63	2837.49	2301.51	2669.00	2669.00
16	13.00	11.74	1.00	0.0	12.03	86.28	473.36	-5.84	1.00	11.74	3106.41	2519.64	2993.00	2993.00
17	10.60	9.57	1.00	0.0	4.28	113.25	621.90	-7.67	1.00	9.57	2963.96	2404.10	3026.00	3026.00
18	13.90	12.55	1.00	0.0	0.0	113.22	765.89	-9.44	1.00	12.55	2404.60	1950.40	2716.28	2723.00
19	8.60	7.76	1.00	0.0	0.0	90.55	765.69	-9.44	1.00	7.76	1646.02	1335.10	2100.79	2171.00
** 20	8.80	6.16	0.70	0.0	0.0	82.62	642.72	-7.92	1.00	6.16	1103.78	895.28	1538.00	1538.00
21	7.90	5.53	0.70	0.0	0.0	75.17	604.56	-7.45	1.00	5.53	1073.63	870.83	1475.40	1068.00
22	20.20	14.14	0.70	0.0	0.0	68.13	570.75	-7.04	1.00	14.14	919.90	746.14	1316.89	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	540.56	-6.66	0.0	0.0	793.59	643.69	1184.25	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 10 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
16	13.00	8.50	1.00	0.0	12.03	86.28	473.36	-5.84	1.00	8.50	3106.41	2519.64	2993.00	2993.00
17	10.60	6.93	1.00	0.0	4.28	113.25	621.90	-7.67	1.00	6.93	2963.96	2404.10	3026.00	3026.00
18	13.90	9.08	1.00	0.0	0.0	113.22	765.89	-9.44	1.00	9.08	2404.60	1950.40	2716.28	2723.00
19	8.60	5.62	1.00	0.0	0.0	90.55	765.69	-9.44	1.00	5.62	1646.02	1335.10	2100.79	2171.00
20	8.80	4.46	0.70	0.0	0.0	50.92	642.72	-7.92	1.00	4.46	1103.78	895.28	1538.00	1538.00
** 21	7.90	5.53	0.70	0.0	0.0	45.52	437.63	-5.40	1.00	5.53	777.17	630.37	1068.00	1068.00
22	20.20	14.14	0.70	0.0	0.0	40.49	407.85	-5.03	1.00	14.14	673.53	546.31	954.16	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	381.93	-4.71	0.0	0.0	609.25	494.17	876.10	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 20 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
11	101.40	90.43	0.70	61.68	7.73	-16.30	145.51	-1.79	0.37	28.76	321.15	260.49	406.00	406.00
12	83.90	83.90	1.00	46.87	21.62	13.38	148.89	-1.84	0.42	37.03	536.43	435.11	584.00	584.00
13	63.80	63.80	1.00	35.64	37.33	30.62	256.25	-3.16	0.44	28.16	1400.24	1135.75	1392.00	1392.00
14	34.30	34.30	1.00	16.97	42.50	56.43	335.71	-4.14	0.51	17.33	2228.17	1807.29	2143.00	2143.00
15	15.10	15.10	1.00	6.27	33.87	92.41	470.28	-5.80	0.58	8.83	2710.76	2198.72	2669.00	2669.00
** 16	13.00	13.00	1.00	5.40	17.49	101.87	652.05	-8.04	0.58	7.60	2886.11	2340.95	2993.00	2993.00
17	10.60	10.60	1.00	4.40	8.15	101.37	701.44	-8.65	0.58	6.20	2219.85	1800.54	2501.98	3026.00
18	13.90	13.90	1.00	5.77	5.27	98.03	698.74	-8.61	0.58	8.13	1402.54	1137.61	1836.35	2723.00
19	8.60	8.60	1.00	3.57	5.01	94.65	680.94	-8.40	0.58	5.03	931.51	755.56	1436.50	2171.00
20	8.80	6.16	0.70	2.56	4.84	91.31	663.39	-8.18	0.58	3.60	714.77	579.76	1243.14	1538.00
21	7.90	5.53	0.70	2.30	3.71	87.04	646.49	-7.97	0.58	3.23	693.31	562.35	1208.84	1068.00
22	20.20	14.14	0.70	5.87	2.68	82.01	625.56	-7.71	0.58	8.27	590.09	478.62	1104.18	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	601.72	-7.42	0.0	0.0	490.49	397.84	999.56	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 20 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
12	83.90	83.90	1.00	39.11	21.62	13.38	148.89	-1.84	0.42	44.79	536.43	435.11	584.00	584.00
13	63.80	63.80	1.00	29.74	37.33	30.62	256.25	-3.16	0.44	34.06	1400.24	1135.75	1392.00	1392.00
14	34.30	34.30	1.00	13.34	42.50	56.43	335.71	-4.14	0.61	20.96	2228.17	1807.29	2143.00	2143.00
15	15.10	15.10	1.00	4.42	33.87	92.41	470.28	-5.80	0.71	10.68	2710.76	2198.72	2669.00	2669.00
16	13.00	13.00	1.00	3.81	17.49	126.49	652.05	-8.04	0.71	9.19	2886.11	2340.95	2993.00	2993.00
** 17	10.60	10.60	1.00	3.10	6.02	122.05	848.35	-10.46	0.71	7.50	2684.78	2177.65	3026.00	3026.00
18	13.90	13.90	1.00	4.07	3.72	115.66	819.76	-10.11	0.71	9.83	1696.28	1375.87	2195.63	2723.00
19	8.60	8.60	1.00	2.52	3.53	109.58	780.30	-9.62	0.71	6.08	1126.61	913.80	1694.10	2171.00
20	8.80	6.16	0.70	1.80	3.41	103.81	744.48	-9.18	0.71	4.36	864.47	701.18	1445.66	1538.00
21	7.90	5.53	0.70	1.62	2.61	97.65	712.05	-8.78	0.71	3.91	838.52	680.13	1392.18	1068.00
22	20.20	14.14	0.70	4.14	1.89	91.17	678.94	-8.37	0.71	10.00	713.68	578.87	1257.81	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	645.81	-7.96	0.0	0.0	593.21	481.16	1126.97	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 20 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
13	63.80	63.80	1.00	21.56	37.33	30.62	256.25	-3.16	0.44	42.24	1400.24	1135.75	1392.00	1392.00
14	34.30	34.30	1.00	8.30	42.50	56.43	335.71	-4.14	0.61	26.00	2228.17	1807.29	2143.00	2143.00
15	15.10	15.10	1.00	1.86	33.87	92.41	470.28	-5.80	0.88	13.24	2710.76	2198.72	2669.00	2669.00
16	13.00	13.00	1.00	1.60	17.49	126.49	652.05	-8.04	0.88	11.40	2886.11	2340.95	2993.00	2993.00
17	10.60	10.60	1.00	1.30	6.02	149.92	848.35	-10.46	0.88	9.30	2684.78	2177.65	3026.00	3026.00
** 18	13.90	13.90	1.00	1.71	1.56	138.95	1016.65	-12.53	0.88	12.19	2103.71	1706.34	2723.00	2723.00
19	8.60	8.60	1.00	1.06	1.48	128.92	934.05	-11.52	0.88	7.54	1397.21	1133.29	2067.34	2171.00
20	8.80	6.16	0.70	0.76	1.43	119.70	864.43	-10.66	0.88	5.40	1072.11	869.60	1734.02	1538.00
21	7.90	5.53	0.70	0.68	1.10	110.87	804.99	-9.92	0.88	4.85	1039.92	843.49	1648.48	1068.00
22	20.20	14.14	0.70	1.74	0.79	102.40	751.94	-9.27	0.88	12.40	885.09	717.91	1469.85	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	704.30	-8.68	0.0	0.0	735.70	596.73	1301.03	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 20 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
14	34.30	34.30	1.00	7.00	42.50	56.43	335.71	-4.14	0.61	27.30	2228.17	1807.29	2143.00	2143.00
15	15.10	15.10	1.00	1.19	33.87	92.41	470.28	-5.80	0.88	13.91	2710.76	2198.72	2669.00	2669.00
16	13.00	13.00	1.00	1.03	17.49	126.49	652.05	-8.04	0.92	11.97	2886.11	2340.95	2993.00	2993.00
17	10.60	10.60	1.00	0.84	6.02	149.92	848.35	-10.46	0.92	9.76	2684.78	2177.65	3026.00	3026.00
18	13.90	13.90	1.00	1.10	1.56	145.29	1016.65	-12.53	0.92	12.80	2103.71	1706.34	2723.00	2723.00
** 19	8.60	8.60	1.00	0.68	0.95	134.15	980.89	-12.09	0.92	7.92	1467.26	1190.11	2171.00	2171.00
20	8.80	6.16	0.70	0.49	0.92	123.97	900.03	-11.10	0.92	5.67	1125.86	913.20	1813.23	1538.00
21	7.90	5.53	0.70	0.44	0.71	114.42	832.01	-10.26	0.92	5.09	1092.07	885.79	1717.80	1068.00
22	20.20	14.14	0.70	1.12	0.51	105.40	772.84	-9.53	0.92	13.02	929.47	753.90	1526.74	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	720.85	-8.89	0.0	0.0	772.59	626.65	1347.50	753.00

*** MAE KLONG RIVER FLOOD SIMULATION ***

YEAR 1972 MONTH 7 *** CASE 20 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QD (CMSD)
15	15.10	15.10	1.00	3.30	33.87	92.41	470.28	-5.80	0.88	11.80	2710.76	2198.72	2669.00	2669.00
16	13.00	13.00	1.00	2.84	17.49	126.49	652.05	-8.04	0.92	10.16	2886.11	2340.95	2993.00	2993.00
17	10.60	10.60	1.00	2.32	6.02	149.92	848.35	-10.46	0.78	8.28	2684.78	2177.65	3026.00	3026.00
18	13.90	13.90	1.00	3.04	1.56	145.29	1016.65	-12.53	0.78	10.86	2103.71	1706.34	2723.00	2723.00
19	8.60	8.60	1.00	1.88	0.95	112.83	980.89	-12.09	0.78	6.72	1467.26	1190.11	2171.00	2171.00
** 20	8.80	6.16	0.70	1.35	2.55	105.97	763.42	-9.41	0.78	4.81	954.97	774.58	1538.00	1538.00
21	7.90	5.53	0.70	1.21	1.95	99.00	724.01	-8.93	0.78	4.32	926.30	751.33	1475.34	1068.00
22	20.20	14.14	0.70	3.09	1.41	91.95	686.05	-8.46	0.78	11.05	788.39	639.47	1325.52	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	649.72	-8.01	0.0	0.0	655.32	531.53	1181.26	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 20 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
16	13.00	13.00	1.00	5.65	17.49	126.49	652.05	-8.04	0.92	7.35	2886.11	2340.95	2993.00	2993.00
17	10.60	10.60	1.00	4.61	6.02	149.92	848.35	-10.46	0.78	5.99	2684.78	2177.65	3026.00	3026.00
18	13.90	13.90	1.00	6.04	1.56	145.29	1016.65	-12.53	0.57	7.86	2103.71	1706.34	2723.00	2723.00
19	8.60	8.60	1.00	3.74	0.95	112.83	980.89	-12.09	0.57	4.86	1467.26	1190.11	2171.00	2171.00
20	8.80	6.16	0.70	2.68	2.55	64.73	763.42	-9.41	0.57	3.48	954.97	774.58	1538.00	1538.00
** 21	7.90	5.53	0.70	2.40	3.88	62.14	524.11	-6.46	0.57	3.13	670.55	543.89	1068.00	1068.00
22	20.20	14.14	0.70	6.14	2.81	58.70	506.73	-6.25	0.57	8.00	570.71	462.91	969.64	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	484.46	-5.97	0.0	0.0	474.38	384.78	869.24	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 30 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD.)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD.)	QC (CMSD)	QO (CMSD.)
11	101.40	70.98	0.70	40.48	5.27	-18.15	145.51	-1.79	0.46	30.50	321.15	260.49	406.00	406.00
12	83.90	83.90	1.00	45.07	18.41	8.85	143.95	-1.77	0.43	38.83	542.53	440.05	584.00	584.00
13	63.80	63.80	1.00	36.38	27.51	18.97	235.88	-2.91	0.43	27.42	1425.35	1156.12	1392.00	1392.00
14	34.30	34.30	1.00	16.57	39.39	44.43	283.83	-3.50	0.52	17.73	2292.13	1859.17	2143.00	2143.00
15	15.10	15.10	1.00	6.15	34.10	83.21	402.07	-4.96	0.59	8.95	2794.85	2266.93	2669.00	2669.00
** 16	13.00	13.00	1.00	5.30	17.41	93.13	607.32	-7.49	0.59	7.70	2941.25	2385.68	2993.00	2993.00
17	10.60	10.60	1.00	4.32	7.98	93.03	655.67	-8.08	0.59	6.28	2242.34	1818.79	2474.45	3026.00
18	13.90	13.90	1.00	5.66	5.17	90.12	655.14	-8.08	0.59	8.24	1409.59	1143.33	1798.47	2723.00
19	8.60	8.60	1.00	3.50	4.92	87.14	640.61	-7.90	0.59	5.10	946.53	767.74	1408.35	2171.00
20	8.80	6.16	0.70	2.51	4.75	84.17	626.04	-7.72	0.59	3.65	724.36	587.54	1213.58	1538.00
21	7.90	5.53	0.70	2.25	3.64	80.27	611.84	-7.54	0.59	3.28	702.62	569.90	1181.74	1068.00
22	20.20	14.14	0.70	5.76	2.63	75.58	593.66	-7.32	0.59	8.38	598.01	485.05	1078.71	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	572.55	-7.06	0.0	0.0	497.07	403.18	975.73	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 30 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
12	83.90	83.90	1.00	36.41	18.41	8.85	143.95	-1.77	0.43	47.49	542.53	440.05	584.00	584.00
13	63.80	63.80	1.00	30.27	27.51	18.97	235.88	-2.91	0.43	33.53	1425.35	1156.12	1392.00	1392.00
14	34.30	34.30	1.00	12.61	39.39	44.43	283.83	-3.50	0.63	21.69	2292.13	1859.17	2143.00	2143.00
15	15.10	15.10	1.00	4.16	34.10	83.21	402.07	-4.96	0.72	10.94	2794.85	2266.93	2669.00	2669.00
16	13.00	13.00	1.00	3.58	17.41	119.19	607.32	-7.49	0.72	9.42	2941.25	2385.68	2993.00	2993.00
** 17	10.60	10.60	1.00	2.92	5.68	114.98	801.81	-9.89	0.72	7.68	2742.15	2224.19	3026.00	3026.00
18	13.90	13.90	1.00	3.83	3.50	108.90	776.16	-9.57	0.72	10.07	1723.78	1398.18	2174.34	2723.00
19	8.60	8.60	1.00	2.37	3.32	103.10	740.61	-9.13	0.72	6.23	1157.51	938.86	1679.47	2171.00
20	8.80	6.16	0.70	1.70	3.21	97.58	708.13	-8.73	0.72	4.46	885.82	718.50	1426.62	1538.00
21	7.90	5.53	0.70	1.52	2.46	91.67	678.56	-8.37	0.72	4.01	859.23	696.93	1375.49	1068.00
22	20.20	14.14	0.70	3.89	1.78	85.46	648.30	-7.99	0.72	10.25	731.30	593.16	1241.47	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	617.93	-7.62	0.0	0.0	607.86	493.04	1110.97	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 30 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
13	63.80	63.80	1.00	21.81	27.51	18.97	235.88	-2.91	0.43	41.99	1425.35	1156.12	1392.00	1392.00
14	34.30	34.30	1.00	7.14	39.39	44.43	283.83	-3.50	0.63	27.16	2292.13	1859.17	2143.00	2143.00
15	15.10	15.10	1.00	1.40	34.10	83.21	402.07	-4.96	0.91	13.70	2794.85	2266.93	2669.00	2669.00
16	13.00	13.00	1.00	1.20	17.41	119.19	607.32	-7.49	0.91	11.80	2941.25	2385.68	2993.00	2993.00
17	10.60	10.60	1.00	0.98	5.68	144.11	801.81	-9.89	0.91	9.62	2742.15	2224.19	3026.00	3026.00
** 18	13.90	13.90	1.00	1.29	1.18	133.30	972.02	-11.98	0.91	12.61	2158.75	1750.98	2723.00	2723.00
19	8.60	8.60	1.00	0.80	1.12	123.40	894.17	-11.02	0.91	7.80	1449.59	1175.77	2069.95	2171.00
20	8.80	6.16	0.70	0.57	1.08	114.26	828.31	-10.21	0.91	5.59	1109.34	899.80	1728.11	1538.00
21	7.90	5.53	0.70	0.51	0.83	105.57	771.89	-9.52	0.91	5.02	1076.04	872.78	1644.68	1068.00
22	20.20	14.14	0.70	1.31	0.60	97.27	721.79	-8.90	0.91	12.83	915.83	742.84	1464.63	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	676.97	-8.35	0.0	0.0	761.25	617.46	1294.42	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 30 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
14	34.30	34.30	1.00	5.81	39.39	44.43	283.83	-3.50	0.63	28.49	2292.13	1859.17	2143.00	2143.00
15	15.10	15.10	1.00	0.73	34.10	83.21	402.07	-4.96	0.91	14.37	2794.85	2266.93	2669.00	2669.00
16	13.00	13.00	1.00	0.63	17.41	119.19	607.32	-7.49	0.95	12.37	2941.25	2385.68	2993.00	2993.00
17	10.60	10.60	1.00	0.51	5.68	144.11	801.81	-9.89	0.95	10.09	2742.15	2224.19	3026.00	3026.00
18	13.90	13.90	1.00	0.67	1.18	139.47	972.02	-11.98	0.95	13.23	2158.75	1750.98	2723.00	2723.00
** 19	8.60	8.60	1.00	0.42	0.58	128.49	937.82	-11.56	0.95	8.18	1520.35	1233.17	2171.00	2171.00
20	8.80	6.16	0.70	0.30	0.56	118.43	861.58	-10.62	0.95	5.86	1163.50	943.73	1805.30	1538.00
21	7.90	5.53	0.70	0.27	0.43	109.04	797.17	-9.83	0.95	5.26	1128.57	915.39	1712.57	1068.00
22	20.20	14.14	0.70	0.68	0.31	100.21	741.37	-9.14	0.95	13.46	960.54	779.10	1520.47	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	692.50	-8.54	0.0	0.0	798.41	647.60	1340.10	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 30 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
15	15.10	15.10	1.00	2.86	34.10	83.21	402.07	-4.96	0.91	12.24	2794.85	2266.93	2669.00	2669.00
16	13.00	13.00	1.00	2.46	17.41	119.19	607.32	-7.49	0.95	10.54	2941.25	2385.68	2993.00	2993.00
17	10.60	10.60	1.00	2.01	5.68	144.11	801.81	-9.89	0.81	8.59	2742.15	2224.19	3026.00	3026.00
18	13.90	13.90	1.00	2.63	1.18	139.47	972.02	-11.98	0.81	11.27	2158.75	1750.98	2723.00	2723.00
19	8.60	8.60	1.00	1.63	0.58	107.75	937.82	-11.56	0.81	6.97	1520.35	1233.17	2171.00	2171.00
** 20	8.80	6.16	0.70	1.17	2.20	100.90	734.01	-9.05	0.81	4.99	991.22	803.99	1538.00	1538.00
21	7.90	5.53	0.70	1.05	1.69	94.01	696.21	-8.58	0.81	4.48	961.47	779.86	1476.07	1068.00
22	20.20	14.14	0.70	2.68	1.22	87.09	660.11	-8.14	0.81	11.46	818.32	663.75	1323.85	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	625.77	-7.72	0.0	0.0	680.19	551.71	1177.49	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 30 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
16	13.00	13.00	1.00	5.37	17.41	119.19	607.32	-7.49	0.95	7.63	2941.25	2385.68	2993.00	2993.00
17	10.60	10.60	1.00	4.38	5.68	144.11	801.81	-9.89	0.81	6.22	2742.15	2224.19	3026.00	3026.00
18	13.90	13.90	1.00	5.75	1.18	139.47	972.02	-11.98	0.59	8.15	2158.75	1750.98	2723.00	2723.00
19	8.60	8.60	1.00	3.55	0.58	107.75	937.82	-11.56	0.59	5.05	1520.35	1233.17	2171.00	2171.00
20	8.80	6.16	0.70	2.55	2.20	61.69	734.01	-9.05	0.59	3.61	991.22	803.99	1538.00	1538.00
** 21	7.90	5.53	0.70	2.29	3.69	59.17	503.74	-6.21	0.59	3.24	695.67	564.26	1068.00	1068.00
22	20.20	14.14	0.70	5.84	2.67	55.83	487.43	-6.01	0.59	8.30	592.09	480.25	967.68	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	466.63	-5.75	0.0	0.0	492.15	399.19	865.81	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 40 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
11	101.40	74.92	0.64	37.46	7.73	-14.62	145.51	-1.79	0.50	37.46	321.15	260.49	406.00	406.00
12	83.90	66.13	0.69	33.06	17.69	15.33	153.54	-1.89	0.50	33.06	530.70	430.46	584.00	584.00
13	63.80	53.61	0.84	24.12	32.71	33.25	265.56	-3.27	0.55	29.48	1388.76	1126.44	1392.00	1392.00
14	34.30	27.07	0.79	12.18	27.07	57.33	347.45	-4.28	0.55	14.89	2213.69	1795.55	2143.00	2143.00
15	15.10	12.17	0.81	5.48	19.66	87.59	475.85	-5.87	0.55	6.69	2703.88	2193.14	2669.00	2669.00
** 16	13.00	10.55	0.81	4.75	12.56	92.40	628.20	-7.74	0.55	5.80	2915.50	2364.79	2993.00	2993.00
17	10.60	8.60	0.81	3.87	6.60	90.96	651.99	-8.04	0.55	4.73	2071.86	1680.51	2332.49	3026.00
18	13.90	11.28	0.81	5.08	4.63	87.64	644.78	-7.95	0.55	6.21	1238.24	1004.35	1649.13	2723.00
19	8.60	6.98	0.81	3.14	4.41	84.31	628.46	-7.75	0.55	3.84	734.57	595.82	1224.28	2171.00
20	8.80	7.14	0.81	3.21	4.26	81.01	612.46	-7.55	0.55	3.93	545.05	442.09	1054.55	1538.00
21	7.90	6.41	0.81	2.89	3.55	77.20	597.07	-7.36	0.55	3.53	535.29	434.18	1031.25	1068.00
22	20.20	16.40	0.81	7.38	3.10	73.15	579.76	-7.15	0.55	9.02	467.65	379.32	959.07	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	561.92	-6.93	0.0	0.0	445.78	361.57	923.49	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 40 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
12	83.90	83.90	0.69	41.01	17.69	15.33	153.54	-1.89	0.50	42.89	530.70	430.46	584.00	584.00
13	63.80	63.80	0.84	25.55	32.71	33.25	265.56	-3.27	0.55	38.25	1388.76	1126.44	1392.00	1392.00
14	34.30	34.30	1.00	14.99	27.07	57.33	347.45	-4.28	0.55	19.31	2213.69	1795.55	2143.00	2143.00
15	15.10	15.10	1.00	6.42	19.66	87.59	475.85	-5.87	0.55	8.68	2703.88	2193.14	2669.00	2669.00
16	13.00	13.00	1.00	5.47	12.56	126.11	628.20	-7.74	0.55	7.53	2915.50	2364.79	2993.00	2993.00
** 17	10.60	10.60	1.00	4.77	7.85	123.53	845.84	-10.43	0.55	5.83	2687.87	2180.16	3026.00	3026.00
18	13.90	13.90	1.00	6.26	5.45	118.75	829.15	-10.22	0.55	7.64	1604.86	1301.71	2130.86	2723.00
19	8.60	8.60	1.00	3.87	5.36	114.26	799.14	-9.85	0.55	4.73	947.85	768.81	1567.96	2171.00
20	8.80	8.80	1.00	3.96	5.24	109.98	771.87	-9.52	0.55	4.84	689.42	559.19	1331.06	1538.00
21	7.90	7.90	1.00	3.56	4.37	105.15	746.81	-9.21	0.55	4.34	665.14	539.50	1286.31	1068.00
22	20.20	20.20	1.00	9.09	3.82	100.10	719.44	-8.87	0.55	11.11	576.12	467.30	1186.74	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	691.93	-8.53	0.0	0.0	549.17	445.44	1137.37	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YEAR 1972 MONTH 7 *** CASE 40 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
13	63.80	63.80	0.84	14.92	32.71	33.25	265.56	-3.27	0.55	48.88	1388.76	1126.44	1392.00	1392.00
14	34.30	34.30	1.00	9.62	27.07	57.33	347.45	-4.28	0.55	24.68	2213.69	1795.55	2143.00	2143.00
15	15.10	15.10	1.00	4.01	19.66	87.59	475.85	-5.87	0.55	11.09	2703.88	2193.14	2669.00	2669.00
16	13.00	13.00	1.00	3.38	12.56	126.11	628.20	-7.74	0.55	9.62	2915.50	2364.79	2993.00	2993.00
17	10.60	10.60	1.00	3.15	7.85	155.28	845.84	-10.43	0.55	7.45	2687.87	2180.16	3026.00	3026.00
** 18	13.90	13.90	1.00	6.26	3.44	145.65	1059.56	-13.06	0.55	7.64	2050.82	1663.44	2723.00	2723.00
19	8.60	8.60	1.00	3.87	4.13	137.65	983.63	-12.13	0.55	4.73	1200.62	973.84	1957.47	2171.00
20	8.80	8.80	1.00	3.96	4.92	131.17	924.70	-11.40	0.55	4.84	853.18	692.02	1616.72	1538.00
21	7.90	7.90	1.00	3.56	4.37	124.70	879.54	-10.84	0.55	4.34	745.13	604.38	1483.92	1068.00
22	20.20	20.20	1.00	9.09	3.82	118.20	836.68	-10.32	0.55	11.11	600.43	487.01	1323.69	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	795.74	-9.81	0.0	0.0	549.17	445.44	1241.19	753.00

*** MAE KLONG RIVER FLOOD SIMURATION ***

YFAR 1972 MONTH 7 *** CASE 40 ***

DATE	R (MM)	RE (MM)	ALPH	RI (MM)	QI (MM)	B.P. (MM)	QB (CMSD)	-QB (MM)	BETA	RS (MM)	QS (MM)	QS (CMSD)	QC (CMSD)	QO (CMSD)
14	34.30	34.30	1.00	6.93	27.07	57.33	347.45	-4.28	0.55	27.37	2213.69	1795.55	2143.00	2143.00
15	15.10	15.10	1.00	2.79	19.66	87.59	475.85	-5.87	0.55	12.31	2703.88	2193.14	2669.00	2669.00
16	13.00	13.00	1.00	2.33	12.56	126.11	628.20	-7.74	0.55	10.67	2915.50	2364.79	2993.00	2993.00
17	10.60	10.60	1.00	2.34	7.85	155.28	845.84	-10.43	0.55	8.26	2687.87	2180.16	3026.00	3026.00
18	13.90	13.90	1.00	5.42	3.44	159.05	1059.56	-13.06	0.55	8.48	2050.82	1663.44	2723.00	2723.00
** 19	8.60	8.60	1.00	3.87	3.26	148.87	1090.93	-13.45	0.55	4.73	1331.60	1080.07	2171.00	2171.00
20	8.80	8.80	1.00	3.96	4.34	140.77	1008.37	-12.43	0.55	4.84	943.67	765.42	1773.79	1538.00
21	7.90	7.90	1.00	3.56	4.21	133.30	947.27	-11.68	0.55	4.34	818.61	663.98	1611.26	1068.00
22	20.20	20.20	1.00	9.09	3.82	126.10	894.16	-11.02	0.55	11.11	637.64	517.19	1411.35	839.00
23	34.20	0.0	0.70	0.0	0.0	0.0	845.77	-10.43	0.0	0.0	561.68	455.59	1301.36	753.00