

TABLE.B-2. SUMMARY OF MONTHLY RAINFALL (1/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|-------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 39.5 | 21.3 | 99.6 | 112.3 | 27.1 | 39.2 | 0.8 | 0. | 0. | 0. | 0. | 339.8 | 38.8 |
| 1961 | 0. | 7.2 | 162.2 | 39.9 | 89.1 | 0.3 | 12.4 | 0. | 0. | 0. | 0. | 0. | 311.1 | 56.6 |
| 1962 | 2.0 | 0. | 26.1 | 6.0 | 71.7 | 62.0 | 18.0 | 12.5 | 0. | 0. | 0. | 0. | 198.3 | 46.7 |
| 1963 | 5.5 | 2.3 | 165.2 | 141.5 | 90.3 | 70.0 | 0. | 4.0 | 0. | 0. | 0. | 0. | 478.8 | 54.0 |
| 1964 | ** | 57.3 | 37.8 | 192.4 | 34.0 | 50.0 | 85.0 | 0. | 0. | 0. | 0. | 0. | 456.5 | 56.0 |
| 1965 | 19.0 | 28.0 | 52.0 | 24.0 | 54.0 | 139.7 | ** | 0. | 0. | 0. | 0. | 0. | 316.7 | 60.0 |
| 1966 | 48.5 | 7.9 | 152.2 | 190.1 | 40.7 | 178.6 | 0. | 0. | 0. | 0. | 0. | 0. | 618.0 | 74.2 |
| 1967 | 0. | 58.6 | 45.2 | 131.3 | 33.8 | 12.0 | 15.0 | 0. | 0. | 0. | 0. | 0. | 295.9 | 31.0 |
| 1968 | 16.0 | 23.8 | 75.2 | 123.0 | 28.6 | 165.3 | 21.1 | 0. | 0. | 0. | 0. | 0. | 453.0 | 64.8 |
| 1969 | 8.8 | 6.8 | 14.7 | 75.3 | 47.3 | 104.5 | 27.7 | 0. | 0. | 0. | 0. | 0. | 285.1 | 46.3 |
| 1970 | 0. | 10.3 | 57.6 | 20.9 | 49.5 | 84.3 | 242.3 | 0. | 0. | 0. | 0. | 0. | 464.9 | 83.2 |
| 1971 | ** | 27.1 | 162.0 | 43.1 | 54.7 | 48.1 | 30.1 | 0. | 0. | 0. | 0. | 0. | 365.1 | 60.9 |
| 1972 | 3.2 | 21.8 | 10.9 | 114.5 | 29.2 | 62.8 | 0.3 | 0. | 0. | 0. | 0. | 0. | 242.7 | 43.5 |
| 1973 | 4.1 | 64.0 | 34.0 | 236.2 | 98.8 | 25.7 | 26.1 | 0. | 0. | 0. | 0. | 0. | 488.9 | 40.9 |
| 1974 | ** | 29.7 | 31.8 | 20.5 | 140.8 | 58.2 | 4.7 | 0. | 0. | 0. | 0. | 0. | 285.7 | 37.5 |
| 1975 | ** | 35.9 | 30.3 | 34.0 | 51.7 | 79.0 | 15.2 | 5.0 | 0. | 0. | 0. | 0. | 252.7 | 30.0 |
| 1976 | 6.3 | 12.2 | 9.2 | 80.3 | 44.0 | 67.4 | 76.4 | 0. | 0. | 0. | 0. | 0. | 295.8 | 26.9 |
| 1977 | 7.4 | 7.1 | 89.0 | 36.2 | 33.1 | 92.3 | 0. | 0. | 0. | 0. | 0. | 0. | 265.1 | 30.2 |
| 1978 | 0.2 | 0. | 43.7 | 50.3 | 10.0 | 19.4 | 0. | 0. | 0. | 0. | 0. | 0. | 123.6 | 30.0 |
| 1979 | 0. | 82.0 | 107.3 | 49.7 | 58.6 | 43.5 | 6.8 | 0. | 0. | 0. | 0. | 0. | 347.9 | 60.9 |
| 1980 | ** | 2.2 | 158.6 | 60.2 | 41.2 | 23.6 | 13.7 | 0. | 0. | 0. | 0. | 0. | 299.5 | 42.5 |
| 1981 | 0. | 14.9 | 2.3 | 83.0 | 55.6 | 54.4 | 4.1 | 36.0 | 0. | 0. | 0. | 0. | 250.3 | 29.4 |
| 1982 | 5.6 | 26.0 | 31.2 | 83.8 | 117.2 | 69.5 | 1.2 | 0.1 | 0. | 0. | 0. | 0. | 334.6 | 40.3 |
| 1983 | 0. | 25.9 | 2.5 | 70.8 | 22.0 | 80.3 | 2.8 | 0. | 0. | 0. | 0. | 0. | 204.3 | 29.3 |
| 1984 | 26.7 | 17.6 | 38.3 | 6.4 | 186.0 | 42.8 | 4.7 | 0. | 0. | 0. | 0. | 0. | 322.5 | 38.6 |
| 1985 | 0.3 | 30.6 | 41.4 | 39.1 | 71.1 | 6.9 | 2.1 | 13.0 | 0. | 0. | 0. | 0. | 203.5 | 34.1 |
| TOTAL | 153.6 | 638.7 | 1602.0 | 2052.1 | 1665.3 | 1667.7 | 648.9 | 70.4 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 7.3 | 24.6 | 61.6 | 78.9 | 64.1 | 64.1 | 26.0 | 2.7 | 0. | 0. | 0. | 0. | 329.3 | --- |

* STATION ----- YADUDA
 * DISTRICT ----- W.MUJIB

* CODE NO. ----- 23530402

(UNIT : MM)

TABLE B-2. SUMMARY OF MONTHLY RAINFALL (2/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|-------|--------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 77.3 | 35.6 | 145.0 | 175.0 | 30.5 | 49.0 | 4.0 | 0. | 0. | 0. | 0. | 516.4 | 49.0 |
| 1961 | 4.0 | 12.5 | 243.6 | 75.0 | 102.5 | 0. | 7.5 | 0. | 0. | 0. | 0. | 0. | 445.1 | 95.6 |
| 1962 | 1.5 | 0. | 20.5 | 8.6 | 50.1 | 25.0 | 8.0 | 11.0 | 0. | 0. | 0. | 0. | 124.7 | 31.5 |
| 1963 | 23.8 | 29.0 | 259.0 | 142.0 | 141.5 | 84.8 | 8.3 | 0. | 0. | 0. | 0. | 0. | 688.4 | 74.4 |
| 1964 | ** | 105.5 | 45.7 | 205.2 | 56.8 | 74.1 | 74.7 | 0. | 0. | 0. | 0. | 0. | 562.0 | 43.0 |
| 1965 | 57.3 | 27.5 | 57.5 | 52.0 | 63.0 | 124.0 | ** | 0. | 0. | 0. | 0. | 0. | 381.3 | 47.0 |
| 1966 | 111.0 | 2.7 | 180.6 | 238.2 | 59.4 | 208.3 | 3.0 | 0.3 | 0. | 0. | 0. | 0. | 803.5 | 104.0 |
| 1967 | 9.0 | 73.6 | 57.4 | 202.1 | 55.5 | 22.0 | 16.2 | 5.7 | 0. | 0. | 0. | 0. | 441.5 | 32.0 |
| 1968 | 5.0 | 28.5 | 117.0 | 142.0 | 43.0 | 227.0 | 16.0 | 0. | 0. | 0. | 0. | 0. | 578.5 | 74.0 |
| 1969 | 12.5 | 16.0 | 33.0 | 126.0 | 44.0 | 150.0 | 26.0 | 0. | 0. | 0. | 0. | 0. | 407.5 | 67.5 |
| 1970 | 8.0 | 11.5 | 96.8 | 62.5 | 61.5 | 85.5 | 252.0 | 0. | 0. | 0. | 0. | 0. | 577.8 | 91.0 |
| 1971 | ** | 56.0 | 229.5 | 74.0 | 91.0 | 94.5 | 36.5 | 8.0 | 0. | 0. | 0. | 0. | 589.5 | 53.0 |
| 1972 | 0. | 52.5 | 20.5 | 163.0 | 27.0 | 88.1 | 1.1 | 0. | 0. | 0. | 0. | 0. | 352.2 | 42.0 |
| 1973 | 2.0 | 85.5 | 28.4 | 395.2 | 122.7 | 30.7 | 67.5 | 0. | 0. | 0. | 0. | 0. | 732.0 | 88.0 |
| 1974 | ** | 50.0 | 60.9 | 37.0 | 179.0 | 57.0 | 10.5 | 0. | 0. | 0. | 0. | 0. | 394.4 | 73.5 |
| 1975 | ** | 50.5 | 65.5 | 67.0 | 105.8 | 83.3 | 23.0 | 5.0 | 0. | 0. | 0. | 0. | 402.6 | 35.0 |
| 1976 | 0. | 39.8 | 6.0 | 124.9 | 65.6 | 86.0 | 79.3 | 0. | 0. | 0. | 0. | 0. | 401.6 | 52.0 |
| 1977 | 34.0 | 5.2 | 100.5 | 77.0 | 49.0 | 112.6 | 10.0 | 0. | 0. | 0. | 0. | 0. | 388.3 | 54.0 |
| 1978 | 18.0 | 5.0 | 122.0 | 110.0 | 14.2 | 87.2 | 3.2 | 0. | 0. | 0. | 0. | 0. | 359.6 | 72.0 |
| 1979 | 19.0 | 212.0 | 207.0 | 104.5 | 123.4 | 117.0 | 23.0 | 0. | 0. | 0. | 0. | 0. | 805.9 | 93.0 |
| 1980 | ** | 3.2 | 228.3 | 86.6 | 59.3 | 34.0 | 19.7 | 0. | 0. | 0. | 0. | 0. | 431.1 | 61.2 |
| 1981 | 0. | 21.5 | 3.3 | 119.5 | 80.0 | 78.4 | 5.9 | 0. | 0. | 0. | 0. | 0. | 308.6 | 42.3 |
| 1982 | 8.1 | 45.5 | 45.0 | 120.4 | 168.6 | 100.2 | 1.7 | 0. | 0. | 0. | 0. | 0. | 489.5 | 58.0 |
| 1983 | 0. | 37.2 | 3.6 | 101.9 | 31.7 | 115.6 | 4.1 | 0. | 0. | 0. | 0. | 0. | 294.1 | 42.2 |
| 1984 | 38.4 | 25.5 | 55.0 | 9.2 | 267.5 | 61.6 | 6.7 | 0. | 0. | 0. | 0. | 0. | 463.9 | 55.5 |
| 1985 | 18.0 | 8.8 | 49.7 | 32.1 | 105.2 | 16.4 | 22.1 | 0. | 0. | 0. | 0. | 0. | 252.3 | 40.4 |
| TOTAL | 369.6 | 1082.3 | 2371.9 | 3020.9 | 2342.3 | 2193.8 | 775.0 | 34.0 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 17.6 | 41.6 | 91.2 | 116.2 | 90.1 | 84.4 | 31.0 | 1.3 | 0. | 0. | 0. | 0. | 473.4 | --- |

* STATION ----- NA'UR
 * DISTRICT ----- W.ES-SIR/KAFREIN

* CODE NO. ----- 23511403

(UNIT : MM)

TABLE B-2. SUMMARY OF MONTHLY RAINFALL (3/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|-------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 46.5 | 13.3 | 50.0 | 69.6 | 13.5 | 14.3 | 0. | 0. | 0. | 0. | 0. | 207.2 | 31.7 |
| 1961 | 0. | 5.7 | 125.8 | 46.4 | 100.0 | 0. | 11.6 | 0. | 0. | 0. | 0. | 0. | 289.5 | 53.6 |
| 1962 | 0. | 0. | 9.0 | 4.6 | 61.5 | 43.0 | 0. | 17.0 | 0. | 0. | 0. | 0. | 135.1 | 40.0 |
| 1963 | 4.5 | 5.0 | 140.5 | 93.0 | 76.6 | 47.0 | 0. | 3.0 | 0. | 0. | 0. | 0. | 369.6 | 62.0 |
| 1964 | ** | 30.0 | 50.5 | 128.0 | 20.5 | 20.0 | 65.0 | 0. | 0. | 0. | 0. | 0. | 314.0 | 36.0 |
| 1965 | 2.0 | 17.5 | 36.0 | 30.5 | 15.5 | 116.0 | ** | 0. | 0. | 0. | 0. | 0. | 217.5 | 46.0 |
| 1966 | 40.5 | 28.0 | 96.0 | 183.0 | 25.0 | 147.5 | 0. | 0. | 0. | 0. | 0. | 0. | 520.0 | 87.0 |
| 1967 | 0. | 54.5 | 25.0 | 126.0 | 21.5 | 3.0 | 4.0 | 0. | 0. | 0. | 0. | 0. | 234.0 | 40.0 |
| 1968 | 0. | 22.5 | 78.5 | 117.0 | 49.0 | 133.0 | 19.0 | 0. | 0. | 0. | 0. | 0. | 419.0 | 50.0 |
| 1969 | 8.0 | 2.3 | 5.5 | 44.5 | 22.5 | 59.5 | 10.0 | 0. | 0. | 0. | 0. | 0. | 152.3 | 28.0 |
| 1970 | 0. | 0. | 21.8 | 25.2 | 16.6 | 7.5 | 162.5 | 0. | 0. | 0. | 0. | 0. | 233.6 | 53.0 |
| 1971 | ** | 11.6 | 108.7 | 26.0 | 53.0 | 40.8 | 10.1 | 0. | 0. | 0. | 0. | 0. | 250.2 | 36.0 |
| 1972 | 0. | 30.3 | 10.8 | 53.0 | 16.5 | 30.6 | 0. | 0. | 0. | 0. | 0. | 0. | 141.2 | 20.0 |
| 1973 | 2.7 | 35.0 | 31.7 | 199.8 | 66.9 | 15.2 | 20.0 | 0. | 0. | 0. | 0. | 0. | 371.3 | 35.5 |
| 1974 | ** | 25.0 | 11.9 | 9.8 | 105.3 | 38.0 | 2.2 | 0. | 0. | 0. | 0. | 0. | 192.2 | 35.0 |
| 1975 | ** | 16.1 | 26.7 | 29.9 | 57.0 | 86.9 | 23.7 | 3.6 | 0. | 0. | 0. | 0. | 245.3 | 31.5 |
| 1976 | 3.4 | 10.2 | 1.3 | 58.4 | 34.8 | 37.7 | 52.7 | 0. | 0. | 0. | 0. | 0. | 198.5 | 22.7 |
| 1977 | 7.8 | 3.5 | 91.7 | 32.7 | 17.0 | 60.2 | 5.5 | 0. | 0. | 0. | 0. | 0. | 218.4 | 29.8 |
| 1978 | 0. | 0. | 48.4 | 18.2 | 8.6 | 14.5 | 0. | 0. | 0. | 0. | 0. | 0. | 89.7 | 35.0 |
| 1979 | 17.2 | 86.7 | 78.1 | 58.3 | 68.3 | 61.3 | 16.0 | 0. | 0. | 0. | 0. | 0. | 385.9 | 50.0 |
| 1980 | ** | 4.5 | 108.5 | 40.0 | 49.7 | 17.5 | 2.0 | 0. | 0. | 0. | 0. | 0. | 222.2 | 56.6 |
| 1981 | 0. | 16.0 | 0. | 63.8 | 54.0 | 39.7 | 9.4 | 0. | 0. | 0. | 0. | 0. | 182.9 | 28.5 |
| 1982 | 5.3 | 68.7 | 23.8 | 134.8 | 116.7 | 93.8 | 0. | 0. | 0. | 0. | 0. | 0. | 443.1 | 63.0 |
| 1983 | 0. | 54.6 | 3.8 | 68.2 | 12.0 | 59.0 | 0. | 0. | 0. | 0. | 0. | 0. | 197.6 | 48.0 |
| 1984 | 19.0 | 23.4 | 70.5 | 8.5 | 165.5 | 75.0 | 3.0 | 0. | 0. | 0. | 0. | 0. | 364.9 | 70.0 |
| 1985 | 4.3 | 6.0 | 59.5 | 35.5 | 69.1 | 6.7 | 5.7 | 3.5 | 0. | 0. | 0. | 0. | 190.3 | 36.0 |
| TOTAL | 114.7 | 603.6 | 1277.3 | 1685.1 | 1372.7 | 1266.9 | 436.7 | 27.1 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 5.5 | 23.2 | 49.1 | 64.8 | 52.8 | 48.7 | 17.5 | 1.0 | 0. | 0. | 0. | 0. | 262.6 | -- |

* STATION ----- SAHAB
 * DISTRICT ----- W.MUJIR

* CODE NO. ----- 23530401

(UNIT : MM)

TABLE B-2. SUMMARY OF MONTHLY RAINFALL (4/23)

* STATION ----- MADABA * CODE NO. ----- 23530301
 * DISTRICT ----- W.ZARQA MA'IN (UNIT : MM)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|------------|-------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 54.0 | 16.3 | 76.2 | 109.8 | 27.0 | 38.5 | 2.0 | 0. | 0. | 0. | 0. | 323.8 | 42.0 |
| 1961 | 4.5 | 23.5 | 125.5 | 54.0 | 115.5 | 1.4 | 12.0 | 0. | 0. | 0. | 0. | 0. | 336.4 | 77.0 |
| 1962 | 0. | 0. | 9.5 | 1.7 | 64.5 | 29.0 | 8.0 | 23.0 | 0. | 0. | 0. | 0. | 135.7 | 30.0 |
| 1963 | 14.0 | 23.0 | 158.5 | 77.5 | 86.5 | 74.0 | 0. | 2.0 | 0. | 0. | 0. | 0. | 435.5 | 37.9 |
| 1964 | ** | 58.5 | 38.0 | 188.7 | 36.2 | 37.3 | 93.0 | 0. | 0. | 0. | 0. | 0. | 451.7 | 38.0 |
| 1965 | 24.5 | 14.0 | 21.3 | 29.0 | 50.5 | 86.5 | ** | 0. | 0. | 0. | 0. | 0. | 225.8 | 30.0 |
| 1966 | 33.5 | 3.5 | 115.5 | 131.9 | 36.0 | 127.5 | 0. | 0. | 0. | 0. | 0. | 0. | 447.9 | 57.0 |
| 1967 | 5.0 | 68.0 | 47.0 | 147.0 | 45.0 | 22.5 | 4.0 | 12.0 | 0. | 0. | 0. | 0. | 350.5 | 40.0 |
| 1968 | 13.0 | 47.5 | 79.0 | 106.0 | 27.3 | 172.0 | 30.5 | 0. | 0. | 0. | 0. | 0. | 475.3 | 58.0 |
| 1969 | 7.0 | 6.5 | 7.2 | 74.0 | 21.0 | 90.0 | 19.0 | 0. | 0. | 0. | 0. | 0. | 224.7 | 37.0 |
| 1970 | 1.0 | 9.0 | 74.0 | 38.0 | 17.5 | 52.5 | 118.5 | 0. | 0. | 0. | 0. | 0. | 310.5 | 30.0 |
| 1971 | ** | 27.5 | 102.0 | 32.2 | 74.7 | 80.5 | 19.0 | 16.0 | 0. | 0. | 0. | 0. | 351.9 | 36.5 |
| 1972 | 1.5 | 23.0 | 8.8 | 70.5 | 19.5 | 20.0 | 0. | 0. | 0. | 0. | 0. | 0. | 143.3 | 22.0 |
| 1973 | 5.5 | 37.4 | 13.7 | 162.0 | 62.7 | 15.8 | 34.1 | 0. | 0. | 0. | 0. | 0. | 331.2 | 50.0 |
| 1974 | ** | 26.3 | 35.5 | 8.9 | 90.6 | 25.5 | 3.3 | 0. | 0. | 0. | 0. | 0. | 190.1 | 40.0 |
| 1975 | ** | 26.8 | 24.8 | 16.8 | 50.7 | 64.0 | 7.4 | 5.1 | 0. | 0. | 0. | 0. | 197.1 | 28.0 |
| 1976 | 0. | 23.4 | 4.8 | 80.1 | 35.3 | 49.2 | 91.5 | 0. | 0. | 0. | 0. | 0. | 284.3 | 34.0 |
| 1977 | 4.0 | 9.5 | 105.6 | 25.3 | 35.5 | 74.0 | 11.5 | 0. | 0. | 0. | 0. | 0. | 265.4 | 40.0 |
| 1978 | 1.7 | 0. | 59.7 | 29.0 | 9.0 | 37.5 | 0. | 0. | 0. | 0. | 0. | 0. | 136.9 | 37.5 |
| 1979 | 24.3 | 94.1 | 194.9 | 69.5 | 66.5 | 47.1 | 17.6 | 0. | 0. | 0. | 0. | 0. | 514.0 | 54.2 |
| 1980 | ** | 4.8 | 118.7 | 42.5 | 52.8 | 18.6 | 2.1 | 0. | 0. | 0. | 0. | 0. | 239.5 | 60.1 |
| 1981 | 0. | 17.0 | 0. | 67.7 | 57.3 | 42.0 | 10.0 | 0. | 0. | 0. | 0. | 0. | 194.0 | 30.2 |
| 1982 | 0. | 47.4 | 21.5 | 55.5 | 85.2 | 55.7 | 0. | 0. | 0. | 0. | 0. | 0. | 265.3 | 41.6 |
| 1983 | 0. | 57.9 | 4.0 | 76.6 | 12.7 | 62.6 | 0. | 0. | 0. | 0. | 0. | 0. | 213.8 | 50.9 |
| 1984 | 45.6 | 21.2 | 74.8 | 31.8 | 196.0 | 79.7 | 3.2 | 0. | 0. | 0. | 0. | 0. | 452.3 | 74.3 |
| 1985 | 4.6 | 6.3 | 63.2 | 37.6 | 42.7 | 7.1 | 6.0 | 0. | 0. | 0. | 0. | 0. | 167.5 | 38.2 |
| TOTAL AVE. | 189.7 | 730.1 | 1523.8 | 1730.0 | 1501.0 | 1399.0 | 529.2 | 60.1 | 0. | 0. | 0. | 0. | 297.3 | -- |
| | 9.0 | 28.1 | 58.6 | 66.5 | 57.7 | 53.8 | 24.2 | 2.3 | 0. | 0. | 0. | 0. | | -- |

TABLE B-2. SUMMARY OF MONTHLY RAINFALL (5/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|-------|--------|-------|-------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 19.0 | 23.0 | 95.0 | 78.0 | 6.0 | 18.0 | 2.0 | 0. | 0. | 0. | 0. | 241.0 | 57.5 |
| 1961 | 0. | 5.0 | 96.0 | 27.5 | 90.0 | 0. | 4.0 | 0. | 0. | 0. | 0. | 0. | 222.5 | 50.0 |
| 1962 | 4.5 | 0. | 2.0 | 0. | 54.0 | 13.0 | 6.0 | 25.0 | 0. | 0. | 0. | 0. | 104.5 | 23.0 |
| 1963 | 2.5 | 3.0 | 102.8 | 49.5 | 56.2 | 34.0 | 1.5 | 0. | 0. | 0. | 0. | 0. | 249.5 | 25.0 |
| 1964 | ** | 23.0 | 51.0 | 117.0 | 12.0 | 19.5 | 50.0 | 0. | 0. | 0. | 0. | 0. | 272.5 | 30.0 |
| 1965 | 19.0 | 10.5 | 12.0 | 18.3 | 24.0 | 102.0 | ** | 0. | 0. | 0. | 0. | 0. | 185.8 | 30.0 |
| 1966 | 24.9 | 7.0 | 65.0 | 74.0 | 23.0 | 150.0 | 0. | 0. | 0. | 0. | 0. | 0. | 343.9 | 70.0 |
| 1967 | 1.0 | 30.0 | 36.5 | 46.5 | 27.5 | 8.5 | 3.0 | 1.0 | 0. | 0. | 0. | 0. | 154.0 | 25.0 |
| 1968 | 0. | 19.8 | 27.0 | 66.6 | 15.0 | 84.5 | 26.0 | 0. | 0. | 0. | 0. | 0. | 238.9 | 33.0 |
| 1969 | 11.0 | 4.0 | 0. | 37.0 | 10.5 | 36.0 | 6.0 | 0. | 0. | 0. | 0. | 0. | 104.5 | 20.0 |
| 1970 | 0. | 11.0 | 16.0 | 19.0 | 7.5 | 41.5 | 161.0 | 0. | 0. | 0. | 0. | 0. | 256.0 | 53.0 |
| 1971 | ** | 22.5 | 99.2 | 18.0 | 32.0 | 33.0 | 4.0 | 1.0 | 0. | 0. | 0. | 0. | 209.7 | 45.0 |
| 1972 | 0. | 13.0 | 12.0 | 51.0 | 14.0 | 14.0 | 0. | 0. | 0. | 0. | 0. | 0. | 104.0 | 14.0 |
| 1973 | 0. | 17.0 | 18.0 | 159.0 | 27.5 | 22.0 | 13.0 | 0. | 0. | 0. | 0. | 0. | 256.5 | 41.0 |
| 1974 | ** | 16.0 | 16.0 | 4.0 | 86.9 | 18.0 | 1.0 | 0. | 0. | 0. | 0. | 0. | 141.9 | 30.0 |
| 1975 | ** | 12.0 | 16.0 | 6.5 | 33.5 | 32.0 | 3.0 | 4.0 | 0. | 0. | 0. | 0. | 108.0 | 15.0 |
| 1976 | 3.0 | 9.0 | 5.3 | 36.5 | 4.5 | 8.5 | 15.5 | 0. | 0. | 0. | 0. | 0. | 82.3 | 13.0 |
| 1977 | 0. | 0. | 42.5 | 20.0 | 22.0 | 40.0 | 2.0 | 0. | 0. | 0. | 0. | 0. | 126.5 | 16.0 |
| 1978 | 1.0 | 0. | 16.0 | 54.0 | 18.5 | 15.0 | 0. | 0. | 0. | 0. | 0. | 0. | 104.5 | 20.0 |
| 1979 | 2.0 | 52.0 | 86.0 | 22.0 | 19.0 | 32.4 | 0. | 0. | 0. | 0. | 0. | 0. | 213.4 | 26.0 |
| 1980 | ** | 0. | 69.0 | 9.0 | 6.3 | 22.2 | 4.2 | 0. | 0. | 0. | 0. | 0. | 110.7 | 28.2 |
| 1981 | 0. | 0. | 0. | 28.0 | 19.0 | 10.0 | 6.2 | 0. | 0. | 0. | 0. | 0. | 63.2 | 10.0 |
| 1982 | 0. | 4.0 | 0. | 57.0 | 50.0 | 46.0 | 0. | 0. | 0. | 0. | 0. | 0. | 157.0 | 36.0 |
| 1983 | 0. | 0. | 15.0 | 20.0 | 24.0 | 41.0 | 0. | 0. | 0. | 0. | 0. | 0. | 100.0 | 24.0 |
| 1984 | 14.0 | 14.3 | 14.0 | 12.5 | 68.0 | 28.9 | 12.7 | 0. | 0. | 0. | 0. | 0. | 164.4 | 26.3 |
| 1985 | 0. | 0. | 4.0 | 2.0 | 48.0 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 54.0 | 14.0 |
| TOTAL | 82.9 | 292.1 | 844.3 | 1049.9 | 670.9 | 656.0 | 357.1 | 33.0 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 3.9 | 11.2 | 32.5 | 40.4 | 33.5 | 33.0 | 13.5 | 1.3 | 0. | 0. | 0. | 0. | 169.3 | -- |

* STATION ----- JIZA
* DISTRICT ----- W.MUJIB

* CODE NO. ----- 23530405

(UNIT : MM)

TABLE B-2. SUMMARY OF MONTHLY RAINFALL (6/23)

* STATION ----- EL-MUWAGGAR
 * DISTRICT ----- W. MUJIB

* CODE NO. ----- 23530403

(UNIT : MM)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|-------|--------|-------|-------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 21.8 | 11.7 | 55.0 | 61.9 | 14.9 | 21.6 | 0. | 0. | 0. | 0. | 0. | 186.9 | 21.4 |
| 1961 | 3.0 | 7.5 | 100.0 | 15.0 | 27.0 | 0. | 3.0 | 0. | 0. | 0. | 0. | 0. | 155.5 | 35.0 |
| 1962 | 0. | 2.0 | 9.5 | 3.0 | 32.5 | 21.0 | 12.0 | 10.5 | 0. | 0. | 0. | 0. | 90.5 | 14.0 |
| 1963 | 4.0 | 1.0 | 96.4 | 84.0 | 52.8 | 32.0 | 0. | 0. | 0. | 0. | 0. | 0. | 270.2 | 46.0 |
| 1964 | ** | 19.5 | 27.5 | 100.5 | 3.0 | 16.5 | 33.5 | 0. | 0. | 0. | 0. | 0. | 200.5 | 27.0 |
| 1965 | 0. | 8.5 | 13.0 | 37.0 | 15.5 | 82.5 | ** | 0. | 0. | 0. | 0. | 0. | 156.5 | 35.0 |
| 1966 | 14.0 | 22.0 | 59.0 | 59.0 | 17.0 | 72.0 | 0. | 0. | 0. | 0. | 0. | 0. | 243.0 | 32.0 |
| 1967 | 10.0 | 38.0 | 21.0 | 43.0 | 6.0 | 23.0 | 5.0 | 0. | 0. | 0. | 0. | 0. | 146.0 | 15.0 |
| 1968 | 5.5 | 22.0 | 35.5 | 30.5 | 11.5 | 77.0 | 15.5 | 0. | 0. | 0. | 0. | 0. | 197.5 | 28.0 |
| 1969 | 12.0 | 3.0 | 0. | 35.5 | 33.0 | 47.0 | 0. | 0. | 0. | 0. | 0. | 0. | 130.5 | 25.0 |
| 1970 | 0. | 12.0 | 21.5 | 30.0 | 8.0 | 20.0 | 136.5 | 0. | 0. | 0. | 0. | 0. | 228.0 | 49.0 |
| 1971 | ** | 8.0 | 98.5 | 18.0 | 33.5 | 32.0 | 14.0 | 0. | 0. | 0. | 0. | 0. | 204.0 | 40.0 |
| 1972 | 0. | 34.0 | 9.0 | 32.0 | 6.0 | 19.5 | 0. | 0. | 0. | 0. | 0. | 0. | 100.5 | 19.0 |
| 1973 | 0. | 31.0 | 25.0 | 192.0 | 29.0 | 22.0 | 12.0 | 0. | 0. | 0. | 0. | 0. | 311.0 | 40.0 |
| 1974 | ** | 20.5 | 14.5 | 5.5 | 68.0 | 29.0 | 0. | 0. | 0. | 0. | 0. | 0. | 137.5 | 23.0 |
| 1975 | ** | 15.0 | 25.6 | 30.5 | 44.5 | 56.0 | 17.5 | 3.0 | 0. | 0. | 0. | 0. | 193.0 | 19.0 |
| 1976 | 8.0 | 4.0 | 3.0 | 40.0 | 15.0 | 24.0 | 35.0 | 0. | 0. | 0. | 0. | 0. | 129.0 | 15.0 |
| 1977 | 5.0 | 3.0 | 50.0 | 29.5 | 26.0 | 32.0 | 0. | 0. | 0. | 0. | 0. | 0. | 145.5 | 28.0 |
| 1978 | 0. | 0. | 36.0 | 16.0 | 6.8 | 29.0 | 0. | 0. | 0. | 0. | 0. | 0. | 87.8 | 30.0 |
| 1979 | 0.9 | 67.8 | 65.4 | 90.3 | 49.8 | 53.0 | 7.2 | 0. | 0. | 0. | 0. | 0. | 334.4 | 55.3 |
| 1980 | ** | 8.0 | 110.0 | 21.0 | 22.0 | 18.5 | 13.7 | 0. | 0. | 0. | 0. | 0. | 193.2 | 48.0 |
| 1981 | 0. | 19.0 | 0. | 42.0 | 40.0 | 22.0 | 15.0 | 0. | 0. | 0. | 0. | 0. | 138.0 | 15.0 |
| 1982 | 0. | 31.0 | 10.3 | 23.0 | 42.0 | 33.0 | 0. | 0. | 0. | 0. | 0. | 0. | 139.3 | 13.0 |
| 1983 | 0. | 5.0 | 2.0 | 20.0 | 4.0 | 45.0 | 0. | 0. | 0. | 0. | 0. | 0. | 76.0 | 21.0 |
| 1984 | 23.0 | 7.3 | 13.5 | 6.0 | 71.5 | 27.0 | 13.4 | 0. | 0. | 0. | 0. | 0. | 161.7 | 24.5 |
| 1985 | 0. | 2.0 | 18.4 | 11.0 | 33.0 | 3.5 | 5.0 | 3.0 | 0. | 0. | 0. | 0. | 75.9 | 13.0 |
| TOTAL | 85.4 | 412.9 | 876.3 | 1069.3 | 759.3 | 851.4 | 359.9 | 16.5 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 4.1 | 15.9 | 33.7 | 41.1 | 29.2 | 32.7 | 14.4 | 0.6 | 0. | 0. | 0. | 0. | 171.8 | --- |

TABLE.B-2. SUMMARY OF MONTHLY RAINFALL (7/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|-------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 33.8 | 11.8 | 75.4 | 98.7 | 5.0 | 19.5 | 0. | 0. | 0. | 0. | 0. | 244.2 | 28.9 |
| 1961 | 3.0 | 16.5 | 81.0 | 30.3 | 44.2 | 0. | 21.0 | 0. | 0. | 0. | 0. | 0. | 196.0 | 29.0 |
| 1962 | 0. | 0. | 4.2 | 0. | 89.0 | 11.0 | 0. | 3.0 | 0. | 0. | 0. | 0. | 107.2 | 53.0 |
| 1963 | 10.1 | 4.3 | 145.8 | 46.1 | 79.5 | 46.9 | 0. | 0. | 0. | 0. | 0. | 0. | 332.7 | 36.1 |
| 1964 | ** | 35.1 | 42.7 | 154.0 | 10.0 | 39.8 | 35.6 | 0. | 0. | 0. | 0. | 0. | 317.2 | 35.5 |
| 1965 | 21.5 | 16.8 | 12.0 | 20.2 | 29.0 | 52.5 | ** | 0. | 0. | 0. | 0. | 0. | 152.0 | 14.5 |
| 1966 | 29.2 | 6.0 | 100.2 | 72.2 | 23.6 | 95.4 | 1.5 | 12.0 | 0. | 0. | 0. | 0. | 340.1 | 58.2 |
| 1967 | 2.0 | 39.0 | 20.5 | 142.0 | 7.0 | 9.5 | 5.5 | 13.5 | 0. | 0. | 0. | 0. | 239.0 | 80.0 |
| 1968 | 1.0 | 29.0 | 65.5 | 84.0 | 9.5 | 113.0 | 35.5 | 0. | 0. | 0. | 0. | 0. | 337.5 | 42.0 |
| 1969 | 9.0 | 7.5 | 10.5 | 45.2 | 1.7 | 75.5 | 12.0 | 0. | 0. | 0. | 0. | 0. | 161.4 | 30.0 |
| 1970 | 0. | 9.0 | 39.0 | 21.5 | 7.5 | 38.0 | 262.0 | 0. | 0. | 0. | 0. | 0. | 377.0 | 120.0 |
| 1971 | ** | 27.0 | 168.5 | 27.0 | 59.5 | 47.5 | 34.0 | 0. | 0. | 0. | 0. | 0. | 363.5 | 90.0 |
| 1972 | 4.0 | 29.5 | 2.5 | 85.5 | 3.0 | 23.5 | 0.5 | 0.9 | 0. | 0. | 0. | 0. | 149.4 | 30.0 |
| 1973 | 6.5 | 51.0 | 20.0 | 261.0 | 63.0 | 12.5 | 36.0 | 0. | 0. | 0. | 0. | 0. | 450.0 | 67.0 |
| 1974 | ** | 25.5 | 52.5 | 8.0 | 118.5 | 35.5 | 3.5 | 0. | 0. | 0. | 0. | 0. | 243.5 | 34.0 |
| 1975 | ** | 10.5 | 13.9 | 11.0 | 45.6 | 37.7 | 12.7 | 1.4 | 0. | 0. | 0. | 0. | 134.2 | 19.8 |
| 1976 | 0. | 10.9 | 4.6 | 82.3 | 11.8 | 19.2 | 77.6 | 0. | 0. | 0. | 0. | 0. | 206.4 | 33.5 |
| 1977 | 2.1 | 14.0 | 71.0 | 65.5 | 18.5 | 51.0 | 15.0 | 0. | 0. | 0. | 0. | 0. | 237.1 | 45.0 |
| 1978 | 0. | 0. | 23.6 | 61.6 | 30.7 | 50.0 | 0. | 13.6 | 0. | 0. | 0. | 0. | 179.5 | 44.0 |
| 1979 | 6.2 | 100.4 | 117.3 | 47.9 | 70.5 | 87.7 | 10.8 | 0. | 0. | 0. | 0. | 0. | 440.8 | 88.0 |
| 1980 | ** | 0. | 195.2 | 32.8 | 14.8 | 18.0 | 5.8 | 0. | 0. | 0. | 0. | 0. | 266.6 | 88.0 |
| 1981 | 0. | 8.5 | 3.5 | 74.9 | 97.6 | 33.4 | 11.0 | 0. | 0. | 0. | 0. | 0. | 228.9 | 51.0 |
| 1982 | 0. | 66.8 | 22.0 | 159.9 | 69.6 | 77.0 | 0. | 0. | 0. | 0. | 0. | 0. | 395.3 | 58.0 |
| 1983 | 0. | 9.5 | 8.0 | 75.0 | 14.0 | 52.5 | 0. | 0. | 0. | 0. | 0. | 0. | 159.0 | 28.0 |
| 1984 | 40.0 | 3.0 | 69.8 | 4.7 | 118.7 | 39.0 | 22.1 | 0. | 0. | 0. | 0. | 0. | 297.3 | 45.9 |
| 1985 | 0. | 2.5 | 34.5 | 36.5 | 7.0 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 80.5 | 20.0 |
| TOTAL | 134.6 | 556.1 | 1340.1 | 1724.5 | 1142.5 | 1071.1 | 621.6 | 44.4 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 6.4 | 21.4 | 51.5 | 66.3 | 43.9 | 41.2 | 24.9 | 1.7 | 0. | 0. | 0. | 0. | 257.4 | --- |

* STATION ----- WADI WALA
* DISTRICT ----- W.MUJIB

* CODE NO. ----- 23530406

(UNIT : MM)

TABLE.B-2. SUMMARY OF MONTHLY RAINFALL (8/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|-------|--------|-------|-------|-------|------|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 21.9 | 7.6 | 48.5 | 63.6 | 3.2 | 12.5 | 0. | 0. | 0. | 0. | 0. | 157.3 | 18.6 |
| 1961 | 3.7 | 5.1 | 59.9 | 30.7 | 20.5 | 0. | 8.4 | 0. | 0. | 0. | 0. | 0. | 128.3 | 18.6 |
| 1962 | 0. | 0. | 5.0 | 1.2 | 50.7 | 9.5 | 16.0 | 0. | 0. | 0. | 0. | 0. | 82.4 | 23.0 |
| 1963 | 0. | 5.5 | 69.4 | 43.4 | 35.1 | 26.2 | 0. | 0. | 0. | 0. | 0. | 0. | 179.6 | 21.1 |
| 1964 | ** | 10.6 | 34.1 | 97.0 | 0.3 | 25.0 | 47.0 | 0. | 0. | 0. | 0. | 0. | 214.0 | 33.0 |
| 1965 | 7.0 | 3.0 | 7.0 | 16.9 | 8.3 | 45.0 | ** | 0. | 0. | 0. | 0. | 0. | 87.2 | 12.5 |
| 1966 | 26.0 | 8.0 | 62.0 | 51.7 | 18.0 | 97.0 | 0. | 0. | 0. | 0. | 0. | 0. | 262.7 | 32.0 |
| 1967 | 22.0 | 37.1 | 17.6 | 99.2 | 4.0 | 11.7 | 9.5 | 0. | 0. | 0. | 0. | 0. | 201.1 | 51.8 |
| 1968 | 8.4 | 20.2 | 42.8 | 30.7 | 0.5 | 69.6 | 13.3 | 0. | 0. | 0. | 0. | 0. | 185.5 | 21.0 |
| 1969 | 3.0 | 8.5 | 5.8 | 24.9 | 14.8 | 28.5 | 9.7 | 0. | 0. | 0. | 0. | 0. | 95.2 | 9.5 |
| 1970 | 0. | 3.0 | 25.5 | 22.7 | 2.0 | 16.5 | 117.7 | 0. | 0. | 0. | 0. | 0. | 187.4 | 38.0 |
| 1971 | ** | 20.0 | 126.0 | 16.4 | 36.0 | 39.0 | 3.2 | 0. | 0. | 0. | 0. | 0. | 240.6 | 54.0 |
| 1972 | 0. | 19.0 | 1.5 | 37.5 | 0. | 1.0 | 0. | 0. | 0. | 0. | 0. | 0. | 59.0 | 13.0 |
| 1973 | 2.3 | 11.8 | 6.7 | 163.1 | 29.6 | 10.0 | 16.5 | 0. | 0. | 0. | 0. | 0. | 240.0 | 44.6 |
| 1974 | ** | 10.0 | 33.4 | 4.4 | 86.9 | 21.6 | 0. | 0. | 0. | 0. | 0. | 0. | 156.3 | 33.8 |
| 1975 | ** | 19.2 | 12.7 | 7.7 | 19.5 | 25.5 | 0. | 0. | 0. | 0. | 0. | 0. | 84.6 | 16.5 |
| 1976 | 0. | 6.0 | 0. | 76.7 | 11.7 | 8.2 | 37.8 | 0. | 0. | 0. | 0. | 0. | 140.4 | 22.0 |
| 1977 | 0. | 3.0 | 68.0 | 55.0 | 39.0 | 67.0 | 6.0 | 0. | 0. | 0. | 0. | 0. | 238.0 | 40.0 |
| 1978 | 3.0 | 0. | 11.7 | 52.0 | 11.0 | 10.0 | 0. | 12.0 | 0. | 0. | 0. | 0. | 99.7 | 40.0 |
| 1979 | 5.0 | 88.0 | 70.0 | 40.0 | 108.0 | 59.0 | 3.8 | 0. | 0. | 0. | 0. | 0. | 373.6 | 61.0 |
| 1980 | ** | 0. | 125.0 | 21.0 | 9.5 | 11.5 | 3.7 | 0. | 0. | 0. | 0. | 0. | 170.7 | 56.4 |
| 1981 | 0. | 5.4 | 2.2 | 48.0 | 62.7 | 15.4 | 5.1 | 0. | 0. | 0. | 0. | 0. | 138.8 | 32.7 |
| 1982 | 0. | 25.1 | 12.2 | 43.4 | 19.7 | 18.9 | 0. | 0. | 0. | 0. | 0. | 0. | 119.3 | 22.4 |
| 1983 | 0.2 | 3.2 | 1.8 | 37.0 | 6.5 | 33.1 | 0. | 0. | 0. | 0. | 0. | 0. | 81.8 | 14.5 |
| 1984 | 15.0 | 0. | 21.8 | 3.0 | 67.4 | 27.4 | 17.1 | 0. | 0. | 0. | 0. | 0. | 151.7 | 21.8 |
| 1985 | 0. | 0. | 21.7 | 15.0 | 16.9 | 2.9 | 3.2 | 0. | 0. | 0. | 0. | 0. | 59.7 | 10.2 |
| TOTAL | 95.6 | 333.6 | 851.4 | 1087.1 | 742.2 | 682.7 | 330.5 | 12.0 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 4.6 | 12.8 | 32.7 | 41.8 | 28.5 | 26.3 | 13.2 | 0.5 | 0. | 0. | 0. | 0. | 160.4 | --- |

* STATION: UMM EL-RISAS
 * DISTRICT: W.MUJIB

* CODE NO. 23530417

(UNIT : MM)

TABLE.B-2. SUMMARY OF MONTHLY RAINFALL (9/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|-------|--------|-------|-------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 18.9 | 10.1 | 70.1 | 112.0 | 17.9 | 9.2 | 0. | 0. | 0. | 0. | 0. | 238.2 | 37.6 |
| 1961 | 3.9 | 11.0 | 90.6 | 19.4 | 40.9 | 0. | 8.9 | 0. | 0. | 0. | 0. | 0. | 174.7 | 38.6 |
| 1962 | 0. | 0. | 2.6 | 9.5 | 44.4 | 4.8 | 18.2 | 4.5 | 0. | 0. | 0. | 0. | 84.0 | 17.0 |
| 1963 | 2.0 | 2.2 | 93.5 | 49.5 | 51.1 | 21.0 | 0. | 0. | 0. | 0. | 0. | 0. | 219.3 | 22.4 |
| 1964 | ** | 5.9 | 31.9 | 136.9 | 1.8 | 14.7 | 13.7 | 0. | 0. | 0. | 0. | 0. | 204.9 | 41.9 |
| 1965 | 34.6 | 7.3 | 6.9 | 23.5 | 9.2 | 43.7 | ** | 0. | 0. | 0. | 0. | 0. | 125.2 | 18.3 |
| 1966 | 5.5 | 33.4 | 34.9 | 26.4 | 10.9 | 71.3 | 0. | 0. | 0. | 0. | 0. | 0. | 182.4 | 30.7 |
| 1967 | 3.1 | 32.8 | 9.8 | 84.9 | 2.8 | 14.9 | 4.4 | 0. | 0. | 0. | 0. | 0. | 152.7 | 41.9 |
| 1968 | 0.7 | 16.8 | 38.0 | 61.8 | 4.0 | 84.6 | 24.9 | 4.0 | 0. | 0. | 0. | 0. | 234.8 | 29.0 |
| 1969 | 9.8 | 9.4 | 9.1 | 25.0 | 5.1 | 73.8 | 7.7 | 0. | 0. | 0. | 0. | 0. | 139.9 | 19.5 |
| 1970 | 0. | 9.0 | 31.3 | 22.6 | 5.1 | 19.6 | 80.2 | 0. | 0. | 0. | 0. | 0. | 167.8 | 23.7 |
| 1971 | ** | 29.4 | 126.5 | 21.9 | 42.2 | 33.5 | 22.1 | 0. | 0. | 0. | 0. | 0. | 275.6 | 46.0 |
| 1972 | 0. | 19.6 | 8.2 | 51.0 | 0. | 8.1 | 0. | 0. | 0. | 0. | 0. | 0. | 86.9 | 15.0 |
| 1973 | 3.3 | 14.5 | 9.0 | 157.0 | 40.8 | 21.6 | 33.2 | 0. | 0. | 0. | 0. | 0. | 279.4 | 28.6 |
| 1974 | ** | 24.0 | 41.2 | 9.4 | 74.8 | 14.2 | 1.3 | 0. | 0. | 0. | 0. | 0. | 164.9 | 29.5 |
| 1975 | ** | 10.5 | 18.0 | 3.0 | 27.7 | 30.8 | 9.9 | 5.6 | 0. | 0. | 0. | 0. | 106.4 | 21.5 |
| 1976 | 5.5 | 5.5 | 3.5 | 49.6 | 8.5 | 11.1 | 33.4 | 0. | 0. | 0. | 0. | 0. | 117.1 | 21.0 |
| 1977 | 4.3 | 9.0 | 50.2 | 20.0 | 14.3 | 29.5 | 1.2 | 0. | 0. | 0. | 0. | 0. | 128.5 | 17.8 |
| 1978 | 3.0 | 0. | 16.7 | 30.5 | 11.5 | 15.1 | 0. | 0. | 0. | 0. | 0. | 0. | 76.8 | 18.5 |
| 1979 | 0. | 44.0 | 71.3 | 36.4 | 38.7 | 34.5 | 0. | 0. | 0. | 0. | 0. | 0. | 224.9 | 44.0 |
| 1980 | ** | 0. | 73.4 | 9.6 | 6.7 | 23.7 | 4.5 | 0. | 0. | 0. | 0. | 0. | 117.9 | 30.0 |
| 1981 | 0. | 7.2 | 0. | 14.7 | 74.8 | 24.0 | 8.0 | 2.8 | 0. | 0. | 0. | 0. | 131.5 | 38.6 |
| 1982 | 0.4 | 43.2 | 13.4 | 56.8 | 44.0 | 23.0 | 0. | 0. | 0. | 0. | 0. | 0. | 180.8 | 16.2 |
| 1983 | 0. | 0. | 4.9 | 18.5 | 5.5 | 44.3 | 0. | 0. | 0. | 0. | 0. | 0. | 73.2 | 17.0 |
| 1984 | 23.8 | 15.2 | 17.4 | 13.2 | 72.5 | 23.0 | 27.5 | 0. | 0. | 0. | 0. | 0. | 192.6 | 28.0 |
| 1985 | 0. | 0. | 0. | 0. | 34.2 | 2.5 | 12.0 | 0. | 0. | 0. | 0. | 0. | 48.7 | 7.5 |
| TOTAL | 99.9 | 368.8 | 812.4 | 1021.2 | 783.5 | 705.2 | 320.3 | 16.9 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 4.8 | 14.2 | 31.2 | 39.3 | 30.1 | 27.1 | 12.8 | 0.6 | 0. | 0. | 0. | 0. | 160.2 | -- |

* STATION ----- DHABA' NURSERY
 * DISTRICT ----- W.MUJIB

* CODE NO: ----- 23530415

(UNIT : MM)

TABLE B-2. SUMMARY OF MONTHLY RAINFALL (10/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|-------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 24.0 | 14.7 | 102.0 | 88.0 | 3.0 | 12.0 | 0. | 0. | 0. | 0. | 0. | 243.7 | 45.0 |
| 1961 | 3.0 | 20.8 | 73.8 | 40.0 | 45.0 | 0. | 17.0 | 0. | 0. | 0. | 0. | 0. | 199.6 | 24.0 |
| 1962 | 0. | 0. | 7.6 | 8.5 | 66.5 | 22.0 | 9.5 | 0. | 0. | 0. | 0. | 0. | 114.1 | 45.0 |
| 1963 | 6.2 | 5.0 | 149.3 | 25.3 | 81.5 | 7.6 | 0. | 0. | 0. | 0. | 0. | 0. | 274.9 | 35.7 |
| 1964 | ** | 39.2 | 32.0 | 161.6 | 11.3 | 33.0 | 61.0 | 0. | 0. | 0. | 0. | 0. | 338.1 | 56.7 |
| 1965 | 37.5 | 20.0 | 6.0 | 18.0 | 10.5 | 37.5 | ** | 0. | 0. | 0. | 0. | 0. | 129.5 | 21.0 |
| 1966 | 13.5 | 0. | 115.2 | 77.5 | 41.5 | 84.3 | 0. | 0. | 0. | 0. | 0. | 0. | 332.0 | 62.3 |
| 1967 | 0. | 63.0 | 28.5 | 141.5 | 10.3 | 22.0 | 18.3 | 8.0 | 0. | 0. | 0. | 0. | 291.6 | 93.0 |
| 1968 | 10.2 | 39.7 | 58.5 | 65.1 | 6.2 | 134.2 | 40.0 | 0. | 0. | 0. | 0. | 0. | 353.9 | 45.0 |
| 1969 | 3.5 | 5.0 | 16.5 | 54.0 | 5.5 | 65.5 | 16.0 | 0. | 0. | 0. | 0. | 0. | 166.0 | 24.5 |
| 1970 | 0. | 11.0 | 38.6 | 25.9 | 8.0 | 35.9 | 238.0 | 0. | 0. | 0. | 0. | 0. | 347.4 | 76.0 |
| 1971 | ** | 22.7 | 201.2 | 44.0 | 60.6 | 49.5 | 20.0 | 1.1 | 0. | 0. | 0. | 0. | 399.1 | 84.0 |
| 1972 | 0. | 39.0 | 3.0 | 85.6 | 3.0 | 18.9 | 0.6 | 0. | 0. | 0. | 0. | 0. | 150.1 | 24.0 |
| 1973 | 3.5 | 53.0 | 14.5 | 246.6 | 53.0 | 16.0 | 40.5 | 0. | 0. | 0. | 0. | 0. | 427.1 | 69.0 |
| 1974 | ** | 8.7 | 51.2 | 13.9 | 157.7 | 29.7 | 1.5 | 0. | 0. | 0. | 0. | 0. | 262.7 | 48.5 |
| 1975 | ** | 18.5 | 20.0 | 14.9 | 47.5 | 24.0 | 7.8 | 3.8 | 0. | 0. | 0. | 0. | 137.9 | 20.0 |
| 1976 | 0. | 16.6 | 3.0 | 101.8 | 15.7 | 13.5 | 83.2 | 0. | 0. | 0. | 0. | 0. | 232.8 | 37.0 |
| 1977 | 0. | 26.0 | 57.2 | 70.1 | 21.0 | 59.0 | 13.7 | 0. | 0. | 0. | 0. | 0. | 247.0 | 53.5 |
| 1978 | 0. | 0. | 51.5 | 78.4 | 10.6 | 41.2 | 0. | 12.2 | 0. | 0. | 0. | 0. | 193.9 | 55.0 |
| 1979 | 5.4 | 89.0 | 115.0 | 51.5 | 60.1 | 87.9 | 3.0 | 0.2 | 0. | 0. | 0. | 0. | 412.1 | 59.0 |
| 1980 | ** | 0.2 | 53.5 | 32.0 | 14.0 | 16.3 | 6.4 | 0. | 0. | 0. | 0. | 0. | 122.4 | 38.5 |
| 1981 | 0. | 5.0 | 1.0 | 20.0 | 55.5 | 16.0 | 19.0 | 0. | 0. | 0. | 0. | 0. | 116.5 | 19.0 |
| 1982 | 0. | 78.0 | 19.0 | 64.5 | 77.5 | 63.5 | 2.5 | 0. | 0. | 0. | 0. | 0. | 304.0 | 29.0 |
| 1983 | 0. | 11.6 | 0. | 54.9 | 13.4 | 94.4 | 0. | 0. | 0. | 0. | 0. | 0. | 174.3 | 30.0 |
| 1984 | 40.4 | 14.4 | 27.6 | 2.0 | 114.0 | 44.0 | 21.5 | 0. | 0. | 0. | 0. | 0. | 263.9 | 50.0 |
| 1985 | 0. | 5.0 | 19.0 | 33.5 | 29.5 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 87.0 | 18.0 |
| TOTAL | 123.2 | 615.4 | 1177.4 | 1633.1 | 1107.4 | 1017.9 | 620.5 | 25.3 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 5.9 | 23.7 | 45.3 | 62.8 | 42.6 | 39.1 | 24.8 | 1.0 | 0. | 0. | 0. | 0. | 245.2 | --- |

* STATION ----- DHIBAN
 * DISTRICT ----- W. MUJIB

* CODE NO. ----- 23530407

(UNIT : MM)

TABLE.B-2. SUMMARY OF MONTHLY RAINFALL (11/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|-------|--------|-------|-------|-------|-----|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 23.5 | 8.2 | 52.3 | 68.3 | 3.5 | 13.5 | 0. | 0. | 0. | 0. | 0. | 169.3 | 20.0 |
| 1961 | 4.0 | 5.5 | 64.5 | 33.0 | 22.0 | 0. | 9.0 | 0. | 0. | 0. | 0. | 0. | 138.0 | 20.0 |
| 1962 | 0. | 0. | 1.2 | 3.0 | 47.0 | 10.2 | 13.0 | 2.5 | 0. | 0. | 0. | 0. | 76.9 | 23.0 |
| 1963 | 7.0 | 3.0 | 105.3 | 32.0 | 57.5 | 32.5 | 0. | 0. | 0. | 0. | 0. | 0. | 237.3 | 25.2 |
| 1964 | ** | 24.0 | 28.9 | 145.5 | 18.0 | 31.5 | 18.8 | 0. | 0. | 0. | 0. | 0. | 266.7 | 38.5 |
| 1965 | 26.0 | 3.9 | 6.6 | 15.6 | 18.2 | 37.8 | ** | 0. | 0. | 0. | 0. | 0. | 109.1 | 18.3 |
| 1966 | 4.3 | 0. | 75.1 | 50.6 | 27.0 | 54.9 | 0. | 0. | 0. | 0. | 0. | 0. | 211.9 | 40.6 |
| 1967 | 0. | 36.6 | 18.9 | 106.9 | 4.3 | 12.6 | 10.1 | 4.8 | 0. | 0. | 0. | 0. | 194.2 | 55.8 |
| 1968 | 9.1 | 21.7 | 46.1 | 33.1 | 0.5 | 92.5 | 13.8 | 0. | 0. | 0. | 0. | 0. | 216.8 | 27.6 |
| 1969 | 2.5 | 11.5 | 10.6 | 27.1 | 1.5 | 45.8 | 0. | 0. | 0. | 0. | 0. | 0. | 99.0 | 16.8 |
| 1970 | 0. | 0. | 24.6 | 29.3 | 11.1 | 31.6 | 107.8 | 0. | 0. | 0. | 0. | 0. | 204.4 | 30.4 |
| 1971 | ** | 18.9 | 128.7 | 17.7 | 53.8 | 42.0 | 9.0 | 0. | 0. | 0. | 0. | 0. | 270.1 | 57.8 |
| 1972 | 0. | 17.2 | 7.8 | 43.8 | 1.9 | 3.6 | 0. | 0. | 0. | 0. | 0. | 0. | 74.3 | 14.0 |
| 1973 | 0.5 | 17.5 | 7.5 | 174.8 | 39.1 | 5.7 | 19.2 | 0. | 0. | 0. | 0. | 0. | 264.3 | 48.0 |
| 1974 | ** | 2.7 | 26.7 | 8.4 | 80.5 | 20.1 | 0.7 | 0. | 0. | 0. | 0. | 0. | 139.1 | 29.4 |
| 1975 | ** | 16.5 | 19.5 | 9.2 | 14.8 | 19.2 | 6.2 | 0. | 0. | 0. | 0. | 0. | 86.4 | 15.1 |
| 1976 | 0. | 5.9 | 0. | 75.6 | 11.5 | 5.8 | 37.4 | 0. | 0. | 0. | 0. | 0. | 136.2 | 21.7 |
| 1977 | 0. | 8.6 | 53.6 | 44.0 | 10.5 | 40.8 | 0. | 0. | 0. | 0. | 0. | 0. | 157.5 | 35.9 |
| 1978 | 0. | 0. | 17.3 | 44.1 | 3.6 | 21.1 | 0. | 0. | 0. | 0. | 0. | 0. | 86.1 | 35.5 |
| 1979 | 3.5 | 57.5 | 74.1 | 33.2 | 38.8 | 56.7 | 1.9 | 0. | 0. | 0. | 0. | 0. | 265.7 | 38.1 |
| 1980 | ** | 0. | 34.5 | 20.7 | 8.9 | 10.4 | 4.1 | 0. | 0. | 0. | 0. | 0. | 78.6 | 24.8 |
| 1981 | 0. | 3.2 | 0.6 | 12.9 | 35.8 | 10.3 | 12.3 | 0. | 0. | 0. | 0. | 0. | 75.1 | 12.3 |
| 1982 | 0. | 24.8 | 12.1 | 33.4 | 29.8 | 18.6 | 0. | 0. | 0. | 0. | 0. | 0. | 118.7 | 14.2 |
| 1983 | 0.2 | 3.2 | 1.8 | 36.6 | 6.4 | 32.7 | 0. | 0. | 0. | 0. | 0. | 0. | 80.9 | 14.4 |
| 1984 | 14.8 | 0. | 21.6 | 1.3 | 71.7 | 28.5 | 2.9 | 0. | 0. | 0. | 0. | 0. | 140.8 | 21.6 |
| 1985 | 0. | 3.9 | 21.3 | 14.9 | 16.7 | 2.9 | 3.1 | 0. | 0. | 0. | 0. | 0. | 62.8 | 10.1 |
| TOTAL | 71.9 | 309.6 | 617.1 | 1100.0 | 699.2 | 671.3 | 262.8 | 7.3 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 3.4 | 11.9 | 31.4 | 42.3 | 26.9 | 25.8 | 11.3 | 0.3 | 0. | 0. | 0. | 0. | 153.4 | --- |

* STATION ----- WADI EL-MUJIB
 * DISTRICT ----- W.MUJIB
 * CODE NO. ----- 23530408
 (UNIT : MM)

TABLE B-2. SUMMARY OF MONTHLY RAINFALL (12/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|------------|------|-------|-------|-------|-------|-------|-------|-----|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 18.3 | 6.4 | 40.6 | 53.2 | 2.7 | 10.5 | 0. | 0. | 0. | 0. | 0. | 131.7 | 15.5 |
| 1961 | 3.1 | 4.2 | 50.2 | 25.7 | 17.1 | 0. | 7.0 | 0. | 0. | 0. | 0. | 0. | 107.3 | 15.5 |
| 1962 | 0. | 0. | 2.9 | 2.1 | 35.3 | 6.0 | 11.0 | 0.2 | 0. | 0. | 0. | 0. | 57.5 | 10.1 |
| 1963 | 3.5 | 5.5 | 84.4 | 22.7 | 46.0 | 11.8 | 0. | 0. | 0. | 0. | 0. | 0. | 173.9 | 20.1 |
| 1964 | ** | 23.5 | 76.0 | 90.5 | 4.2 | 21.0 | 18.0 | 0. | 0. | 0. | 0. | 0. | 233.2 | 24.6 |
| 1965 | 20.3 | 3.1 | 5.2 | 13.0 | 14.2 | 29.4 | ** | 0. | 0. | 0. | 0. | 0. | 85.2 | 14.2 |
| 1966 | 8.8 | 21.8 | 35.1 | 41.6 | 16.0 | 57.2 | 0. | 0. | 0. | 0. | 0. | 0. | 180.5 | 21.6 |
| 1967 | 0. | 45.0 | 12.1 | 100.6 | 14.1 | 18.2 | 9.0 | 3.0 | 0. | 0. | 0. | 0. | 202.0 | 24.0 |
| 1968 | 0. | 15.0 | 45.5 | 44.5 | 1.1 | 70.0 | 15.4 | 0. | 0. | 0. | 0. | 0. | 191.5 | 24.0 |
| 1969 | 16.8 | 4.8 | 0. | 13.8 | 1.2 | 16.0 | 0. | 0. | 0. | 0. | 0. | 0. | 52.6 | 8.0 |
| 1970 | 0. | 3.5 | 19.3 | 29.6 | 0. | 14.0 | 65.2 | 0. | 0. | 0. | 0. | 0. | 131.6 | 23.0 |
| 1971 | ** | 14.2 | 81.5 | 4.1 | 27.3 | 55.0 | 7.0 | 0. | 0. | 0. | 0. | 0. | 189.1 | 46.0 |
| 1972 | 0. | 11.0 | 2.3 | 42.0 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 55.3 | 17.0 |
| 1973 | 0. | 17.0 | 4.5 | 160.0 | 16.0 | 58.0 | 7.3 | 0. | 0. | 0. | 0. | 0. | 262.8 | 30.0 |
| 1974 | ** | 18.0 | 15.5 | 9.0 | 92.0 | 20.0 | 0. | 0. | 0. | 0. | 0. | 0. | 154.5 | 21.0 |
| 1975 | ** | 6.2 | 18.0 | 9.5 | 23.0 | 41.0 | 8.0 | 0. | 0. | 0. | 0. | 0. | 106.5 | 31.0 |
| 1976 | 12.0 | 3.0 | 0. | 43.0 | 8.0 | 3.0 | 18.0 | 0. | 0. | 0. | 0. | 0. | 87.0 | 14.0 |
| 1977 | 0. | 0. | 41.0 | 35.5 | 6.6 | 20.0 | 1.0 | 0. | 0. | 0. | 0. | 0. | 104.1 | 23.0 |
| 1978 | 0. | 0. | 14.0 | 15.4 | 10.0 | 27.9 | 0. | 0. | 0. | 0. | 0. | 0. | 67.3 | 16.6 |
| 1979 | 0. | 0. | 31.0 | 11.1 | 21.8 | 6.5 | 0. | 0. | 0. | 0. | 0. | 0. | 70.4 | 9.5 |
| 1980 | ** | 2.3 | 91.3 | 21.3 | 4.1 | 26.4 | 3.7 | 0. | 0. | 0. | 0. | 0. | 149.1 | 40.1 |
| 1981 | 0. | 7.0 | ** | 32.7 | 53.6 | 25.3 | 3.6 | 0. | 0. | 0. | 0. | 0. | 122.2 | 8.9 |
| 1982 | 0. | 26.2 | 15.4 | 37.6 | 23.8 | 22.5 | 0. | 0. | 0. | 0. | 0. | 0. | 125.5 | 15.4 |
| 1983 | 0. | 0. | 0. | 11.9 | 0. | 50.5 | 0. | 0. | 0. | 0. | 0. | 0. | 62.4 | 23.7 |
| 1984 | 19.5 | 12.5 | 14.2 | 10.8 | 59.3 | ** | 11.9 | 0. | 0. | 0. | 0. | 0. | 128.2 | 23.0 |
| 1985 | 0. | 0. | 0. | 0. | 14.3 | 0. | 21.4 | 0. | 0. | 0. | 0. | 0. | 35.7 | 17.8 |
| TOTAL AVE. | 84.0 | 262.1 | 665.8 | 868.6 | 562.2 | 602.4 | 216.0 | 3.2 | 0. | 0. | 0. | 0. | 128.7 | -- |
| | 4.0 | 10.1 | 26.6 | 33.4 | 21.6 | 24.1 | 8.7 | 0.1 | 0. | 0. | 0. | 0. | | -- |

* STATION ----- KHAN EZ-ZABEER
 * DISTRICT ----- W.MUJIB

* CODE NO. ----- 23530418

(UNIT : MM)

TABLE.B-2. SUMMARY OF MONTHLY RAINFALL (13/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|-------|-------|-------|-------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 14.8 | 5.1 | 33.1 | 43.3 | 2.2 | 8.5 | 0. | 0. | 0. | 0. | 0. | 107.0 | 12.7 |
| 1961 | 2.5 | 3.5 | 40.9 | 20.8 | 14.0 | 0. | 5.7 | 0. | 0. | 0. | 0. | 0. | 87.4 | 12.7 |
| 1962 | 0. | 0. | 3.5 | 3.2 | 24.5 | 0.5 | 9.9 | 0.8 | 0. | 0. | 0. | 0. | 42.4 | 8.4 |
| 1963 | 1.5 | 0. | 67.8 | 19.5 | 37.1 | 6.3 | 5.1 | 0. | 0. | 0. | 0. | 0. | 139.3 | 16.2 |
| 1964 | ** | 4.2 | 22.8 | 98.0 | 1.3 | 10.5 | 9.8 | 0. | 0. | 0. | 0. | 0. | 146.6 | 30.0 |
| 1965 | 24.8 | 5.2 | 4.9 | 16.8 | 6.7 | 31.3 | ** | 0. | 0. | 0. | 0. | 0. | 89.7 | 13.1 |
| 1966 | 3.5 | 23.9 | 25.0 | 18.9 | 7.7 | 51.0 | 0. | 17.0 | 0. | 0. | 0. | 0. | 147.0 | 22.0 |
| 1967 | 2.2 | 23.4 | 7.0 | 60.7 | 2.0 | 10.7 | 3.2 | 1.7 | 0. | 0. | 0. | 0. | 140.9 | 30.0 |
| 1968 | 5.7 | 15.0 | 20.6 | 27.8 | 0.8 | 70.0 | 1.9 | 0. | 0. | 0. | 0. | 0. | 141.8 | 24.0 |
| 1969 | 12.4 | 9.6 | 5.1 | 9.2 | 2.7 | 31.1 | 2.0 | 0. | 0. | 0. | 0. | 0. | 72.1 | 8.3 |
| 1970 | 0. | 3.2 | 15.7 | 16.1 | 3.7 | 14.0 | 57.4 | 0. | 0. | 0. | 0. | 0. | 110.4 | 17.0 |
| 1971 | ** | 21.0 | 75.8 | 4.7 | 30.7 | 30.2 | 15.8 | 1.9 | 0. | 0. | 0. | 0. | 180.1 | 28.0 |
| 1972 | 0. | 17.8 | 5.9 | 31.1 | 0.5 | 4.3 | 0.7 | 0. | 0. | 0. | 0. | 0. | 60.3 | 15.0 |
| 1973 | 4.9 | 10.2 | 1.8 | 116.7 | 29.2 | 16.5 | 7.6 | 0. | 0. | 0. | 0. | 0. | 186.9 | 31.7 |
| 1974 | ** | 18.5 | 16.2 | 7.4 | 80.5 | 10.5 | 0.5 | 0. | 0. | 0. | 0. | 0. | 133.6 | 36.0 |
| 1975 | ** | 1.7 | 18.2 | 0. | 7.6 | 51.0 | 0. | 0. | 0. | 0. | 0. | 0. | 79.2 | 43.1 |
| 1976 | 2.9 | 4.1 | 0. | 22.2 | 6.9 | 8.3 | 2.0 | 0. | 0. | 0. | 0. | 0. | 46.4 | 8.4 |
| 1977 | 0. | 0. | 30.9 | 32.3 | 9.6 | 12.3 | 0. | 0. | 0. | 0. | 0. | 0. | 85.1 | 19.6 |
| 1978 | 0. | 0. | 11.6 | 12.8 | 8.3 | 23.0 | 0. | 0. | 0. | 0. | 0. | 0. | 55.7 | 13.7 |
| 1979 | 0. | 0. | 25.6 | 9.2 | 18.1 | 5.4 | 0. | 0. | 0. | 0. | 0. | 0. | 58.3 | 7.8 |
| 1980 | ** | 1.9 | 75.4 | 17.7 | 3.5 | 21.8 | 3.0 | 0. | 0. | 0. | 0. | 0. | 123.3 | 33.1 |
| 1981 | 0. | 5.6 | 10.0 | 26.7 | 44.2 | 20.9 | 2.9 | 0. | 0. | 0. | 0. | 0. | 110.3 | 7.3 |
| 1982 | 0. | 21.7 | 12.7 | 31.2 | 19.7 | 18.6 | 0. | 0. | 0. | 0. | 0. | 0. | 103.9 | 12.7 |
| 1983 | 0. | 0. | 0. | 9.8 | 0. | 41.9 | 0. | 0. | 0. | 0. | 0. | 0. | 51.7 | 19.6 |
| 1984 | 16.0 | 10.2 | 11.7 | 8.8 | 48.6 | 14.8 | 2.5 | 0. | 0. | 0. | 0. | 0. | 112.6 | 18.8 |
| 1985 | 0. | 0. | 0. | 0. | 11.8 | 0. | 17.6 | 0. | 0. | 0. | 0. | 0. | 29.4 | 14.7 |
| TOTAL | 76.4 | 215.5 | 514.2 | 654.7 | 463.0 | 509.1 | 156.1 | 21.4 | 0. | 0. | 0. | 0. | 101.3 | --- |
| AVE. | 3.6 | 8.3 | 19.8 | 25.2 | 17.8 | 19.6 | 6.2 | 0.8 | 0. | 0. | 0. | 0. | 101.3 | --- |

* STATION ----- SIWAGA EVP. ST.
 * DISTRICT ----- W. MUJIB

* CODE NO. ----- 23530420

(UNIT : MM)

TABLE B-2. SUMMARY OF MONTHLY RAINFALL (14/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|-----------------|------------------|
| | | | | | | | | | | | | | | |
| 1960 | 0. | 12.5 | 13.6 | 78.0 | 118.7 | 20.7 | 11.1 | 0. | 0. | 0. | 0. | 0. | 254.6 | 31.3 |
| 1961 | 1.5 | 13.6 | 82.8 | 60.1 | 29.3 | 0. | 35.4 | 0. | 0. | 0. | 0. | 0. | 222.7 | 31.3 |
| 1962 | 0. | 0. | 6.1 | 4.5 | 122.4 | 16.1 | 7.0 | 0. | 0. | 0. | 0. | 0. | 156.1 | 75.0 |
| 1963 | 3.3 | 28.1 | 130.4 | 56.4 | 66.0 | 53.0 | 0. | 0. | 0. | 0. | 0. | 0. | 337.2 | 39.1 |
| 1964 | ** | 48.9 | 68.5 | 333.3 | 17.5 | 60.0 | 42.0 | 0. | 0. | 0. | 0. | 0. | 570.2 | 63.5 |
| 1965 | 15.5 | 15.5 | 21.0 | 17.0 | 34.0 | 0. | ** | 0. | 0. | 0. | 0. | 0. | 103.0 | 15.5 |
| 1966 | 9.0 | 0. | 156.7 | 105.5 | 56.6 | 114.5 | 0. | 0. | 0. | 0. | 0. | 0. | 442.3 | 84.7 |
| 1967 | 0. | 76.5 | 31.2 | 87.6 | 53.0 | 0. | 10.0 | 4.5 | 0. | 0. | 0. | 0. | 262.8 | 40.0 |
| 1968 | 4.0 | 41.0 | 105.8 | 58.4 | 0. | 150.6 | 14.0 | 0. | 0. | 0. | 0. | 0. | 373.8 | 44.0 |
| 1969 | 9.8 | 4.5 | 17.5 | 54.4 | 5.5 | 95.5 | 16.3 | 0. | 0. | 0. | 0. | 0. | 203.5 | 37.5 |
| 1970 | 0. | 8.2 | 49.1 | 36.6 | 11.2 | 26.0 | 277.8 | 0. | 0. | 0. | 0. | 0. | 408.9 | 103.3 |
| 1971 | ** | 29.0 | 262.5 | 23.0 | 44.5 | 92.0 | 20.3 | 13.7 | 0. | 0. | 0. | 0. | 485.0 | 80.0 |
| 1972 | 0. | 30.0 | 9.2 | 82.7 | 3.7 | 5.7 | 0. | 0. | 0. | 0. | 0. | 0. | 131.3 | 22.7 |
| 1973 | 0. | 60.7 | 25.5 | 275.6 | 81.8 | 12.0 | 40.1 | 0. | 0. | 0. | 0. | 0. | 495.7 | 97.8 |
| 1974 | ** | 5.6 | 56.0 | 17.6 | 167.8 | 42.1 | 1.5 | 0. | 0. | 0. | 0. | 0. | 290.6 | 61.4 |
| 1975 | ** | 34.5 | 40.5 | 19.4 | 31.0 | 40.1 | 13.0 | 0. | 0. | 0. | 0. | 0. | 178.5 | 31.6 |
| 1976 | 0. | 12.4 | 0. | 158.0 | 24.0 | 0. | 78.0 | 0. | 0. | 0. | 0. | 0. | 272.4 | 45.3 |
| 1977 | 0. | 18.0 | 111.6 | 92.0 | 22.0 | 85.2 | 0. | 0. | 0. | 0. | 0. | 0. | 329.0 | 75.0 |
| 1978 | 0. | 0. | 36.0 | 68.5 | 25.3 | 44.1 | 0. | 5.5 | 0. | 0. | 0. | 0. | 179.4 | 58.7 |
| 1979 | 4.0 | 75.9 | 140.6 | 96.0 | 88.9 | 67.4 | 18.6 | 0. | 0. | 0. | 0. | 0. | 491.4 | 69.8 |
| 1980 | ** | 0. | 109.2 | 8.1 | 52.9 | 63.7 | 2.0 | 0. | 0. | 0. | 0. | 0. | 235.9 | 45.5 |
| 1981 | 0. | 0. | 0. | 67.7 | 93.2 | 54.5 | 0. | 0. | 0. | 0. | 0. | 0. | 215.4 | 20.2 |
| 1982 | 0. | 51.7 | 25.3 | 73.9 | 53.5 | 39.0 | 0. | 0. | 0. | 0. | 0. | 0. | 243.4 | 35.9 |
| 1983 | 0.4 | 6.7 | 3.7 | 76.4 | 13.4 | 68.4 | 0. | 0. | 0. | 0. | 0. | 0. | 169.0 | 30.0 |
| 1984 | 31.0 | 0. | 45.0 | 4.6 | 167.2 | 36.9 | 39.4 | 0. | 0. | 0. | 0. | 0. | 324.1 | 48.2 |
| 1985 | 0. | 8.2 | 44.6 | 31.0 | 34.7 | 6.0 | 6.5 | 4.0 | 0. | 0. | 0. | 0. | 135.0 | 21.0 |
| TOTAL | 78.5 | 561.5 | 1592.6 | 1986.2 | 1418.1 | 1193.5 | 633.0 | 27.7 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 3.7 | 22.4 | 61.3 | 76.4 | 54.5 | 45.9 | 25.3 | 1.1 | 0. | 0. | 0. | 0. | 290.6 | -- |

* STATION ----- JADA
 * DISTRICT ----- W. MUJIB

* CODE NO. ----- 23530419

TABLE.B-2. SUMMARY OF MONTHLY RAINFALL (15/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 20.5 | 11.0 | 76.5 | 122.0 | 19.5 | 10.0 | 2.0 | 0. | 0. | 0. | 0. | 261.5 | 41.0 |
| 1961 | 4.2 | 11.9 | 98.7 | 21.0 | 44.5 | 0. | 9.7 | 0. | 0. | 0. | 0. | 0. | 190.0 | 42.0 |
| 1962 | 0. | 0. | 6.5 | 1.1 | 96.0 | 9.6 | 5.5 | 3.0 | 0. | 0. | 0. | 0. | 121.7 | 59.5 |
| 1963 | 3.5 | 21.0 | 118.2 | 99.2 | 59.7 | 44.8 | 5.1 | 0. | 0. | 0. | 0. | 0. | 351.5 | 56.0 |
| 1964 | ** | 53.0 | 53.8 | 407.5 | 26.5 | 99.5 | 44.0 | 0. | 0. | 0. | 0. | 0. | 684.3 | 103.0 |
| 1965 | 34.7 | 31.5 | 34.7 | 22.8 | 35.9 | 67.9 | ** | 0. | 0. | 0. | 0. | 0. | 227.5 | 28.3 |
| 1966 | 25.5 | 8.4 | 100.5 | 61.6 | 38.1 | 114.8 | 2.1 | 12.0 | 0. | 0. | 0. | 0. | 363.0 | 48.0 |
| 1967 | 1.2 | 53.3 | 36.3 | 156.0 | 32.0 | 15.5 | 29.1 | 3.6 | 0. | 0. | 0. | 0. | 327.0 | 40.0 |
| 1968 | 0. | 25.6 | 63.5 | 55.6 | 0.7 | 106.0 | 15.3 | 0. | 0. | 0. | 0. | 0. | 266.7 | 41.0 |
| 1969 | 1.5 | 15.0 | 17.4 | 36.3 | 12.4 | 107.3 | 16.5 | 0. | 0. | 0. | 0. | 0. | 206.4 | 45.0 |
| 1970 | 0. | 25.5 | 42.7 | 42.2 | 12.0 | 28.3 | 180.4 | 0. | 0. | 0. | 0. | 0. | 331.1 | 58.0 |
| 1971 | ** | 14.5 | 189.0 | 25.5 | 79.7 | 82.1 | 9.7 | 4.7 | 0. | 0. | 0. | 0. | 405.2 | 67.0 |
| 1972 | 0.2 | 29.7 | 10.0 | 114.0 | 4.4 | 22.9 | 0. | 0. | 0. | 0. | 0. | 0. | 181.2 | 55.0 |
| 1973 | 1.0 | 20.5 | 22.0 | 336.0 | 64.0 | 20.5 | 24.9 | 0. | 0. | 0. | 0. | 0. | 488.9 | 120.0 |
| 1974 | ** | 32.2 | 52.7 | 17.5 | 169.9 | 33.9 | 0.5 | 0. | 0. | 0. | 0. | 0. | 306.7 | 42.5 |
| 1975 | ** | 23.5 | 24.3 | 16.3 | 43.0 | 57.7 | 13.5 | 2.5 | 0. | 0. | 0. | 0. | 180.8 | 24.5 |
| 1976 | 0. | 10.0 | 2.0 | 79.1 | 20.9 | 10.5 | 74.2 | 0. | 0. | 0. | 0. | 0. | 196.7 | 38.0 |
| 1977 | 0. | 10.0 | 79.0 | 63.0 | 17.0 | 67.1 | 5.0 | 0. | 0. | 0. | 0. | 0. | 241.1 | 53.0 |
| 1978 | 0. | 0. | 46.1 | 74.3 | 14.9 | 63.0 | 0. | 6.0 | 0. | 0. | 0. | 0. | 204.3 | 45.0 |
| 1979 | 1.0 | 101.8 | 143.4 | 54.5 | 83.5 | 131.9 | 18.1 | 0. | 0. | 0. | 0. | 0. | 534.2 | 69.0 |
| 1980 | ** | 0. | 138.1 | 22.1 | 24.3 | 39.5 | 7.0 | 0. | 0. | 0. | 0. | 0. | 231.0 | 43.5 |
| 1981 | 0. | 22.1 | 0. | 16.0 | 81.5 | 26.1 | 8.7 | 0. | 0. | 0. | 0. | 0. | 154.4 | 42.0 |
| 1982 | 0. | 45.0 | 38.5 | 148.5 | 75.2 | 57.0 | 4.5 | 1.0 | 0. | 0. | 0. | 0. | 369.7 | 55.0 |
| 1983 | 0. | 2.0 | 2.0 | 62.1 | 3.5 | 60.2 | 0. | 0. | 0. | 0. | 0. | 0. | 129.8 | 31.5 |
| 1984 | 27.0 | 34.0 | 31.9 | 0. | 166.4 | 35.3 | 30.0 | 0. | 0. | 0. | 0. | 0. | 324.6 | 88.0 |
| 1985 | 0. | 7.2 | 52.0 | 26.6 | 50.7 | 1.0 | 13.0 | 6.0 | 0. | 0. | 0. | 0. | 156.5 | 25.0 |
| TOTAL | 99.8 | 618.2 | 1414.3 | 2035.3 | 1378.7 | 1321.9 | 526.8 | 40.8 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 4.8 | 23.8 | 54.4 | 78.3 | 53.0 | 50.8 | 21.1 | 1.6 | 0. | 0. | 0. | 0. | 267.7 | --- |

* STATION ----- HEMUD
 * DISTRICT ----- W.MUJIB
 * CODE NO. ----- 23530409
 (UNIT : MM)

TABLE.B-2. SUMMARY OF MONTHLY RAINFALL (16/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|-------|-------|-------|-------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 14.1 | 4.9 | 31.5 | 41.1 | 2.1 | 8.2 | 0. | 0. | 0. | 0. | 0. | 101.9 | 12.1 |
| 1961 | 0. | 12.0 | 27.5 | 24.7 | 22.0 | 0. | 11.0 | 0. | 0. | 0. | 0. | 0. | 97.2 | 14.0 |
| 1962 | 0. | 0. | 4.0 | 1.0 | 28.5 | 0. | 20.0 | 0. | 0. | 0. | 0. | 0. | 53.5 | 12.0 |
| 1963 | 20.0 | 0. | 55.6 | 36.0 | 30.2 | 4.0 | 0. | 0. | 0. | 0. | 0. | 0. | 145.8 | 30.0 |
| 1964 | ** | 7.5 | 21.5 | 105.0 | 0. | 13.0 | 11.0 | 0. | 0. | 0. | 0. | 0. | 156.0 | 38.0 |
| 1965 | 9.5 | 3.0 | 7.0 | 13.0 | 3.5 | 31.0 | ** | 0. | 0. | 0. | 0. | 0. | 67.0 | 10.0 |
| 1966 | 6.0 | 0. | 7.0 | 13.5 | 8.0 | 36.0 | 0. | 7.0 | 0. | 0. | 0. | 0. | 77.5 | 20.0 |
| 1967 | 0. | 26.0 | 2.0 | 64.0 | 5.0 | 5.0 | 1.0 | 0. | 0. | 0. | 0. | 0. | 103.0 | 22.0 |
| 1968 | 2.8 | 8.2 | 16.0 | 8.0 | 0. | 46.5 | 1.5 | 3.1 | 0. | 0. | 0. | 0. | 86.1 | 20.0 |
| 1969 | 1.5 | 8.5 | 2.0 | 18.5 | 6.0 | 19.0 | 0. | 0. | 0. | 0. | 0. | 0. | 55.5 | 10.5 |
| 1970 | 0. | 6.0 | 11.0 | 19.0 | 4.0 | 11.0 | 65.0 | 0. | 0. | 0. | 0. | 0. | 116.0 | 48.0 |
| 1971 | ** | 4.0 | 80.5 | 5.0 | 21.0 | 12.0 | 14.0 | 2.0 | 0. | 0. | 0. | 0. | 138.5 | 33.0 |
| 1972 | 0. | 7.0 | 3.5 | 13.0 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 23.5 | 8.0 |
| 1973 | 5.0 | 6.9 | 1.1 | 112.6 | 19.4 | 23.6 | 6.7 | 0. | 0. | 0. | 0. | 0. | 175.3 | 42.0 |
| 1974 | ** | 11.0 | 15.8 | 8.5 | 103.8 | 12.0 | 0. | 0. | 0. | 0. | 0. | 0. | 151.1 | 47.3 |
| 1975 | ** | 1.7 | 18.6 | 0. | 7.7 | 52.0 | 0. | 0. | 0. | 0. | 0. | 0. | 80.5 | 44.0 |
| 1976 | 3.0 | 4.2 | 0. | 22.6 | 7.0 | 8.5 | 2.0 | 0. | 0. | 0. | 0. | 0. | 47.3 | 8.6 |
| 1977 | 0. | 0. | 31.5 | 33.0 | 9.8 | 12.5 | 0. | 0. | 0. | 0. | 0. | 0. | 86.6 | 20.0 |
| 1978 | 0. | 0. | 11.8 | 13.0 | 8.5 | 23.5 | 0. | 0. | 0. | 0. | 0. | 0. | 56.8 | 14.0 |
| 1979 | 0. | 0. | 26.1 | 9.4 | 18.3 | 5.5 | 0. | 0. | 0. | 0. | 0. | 0. | 59.3 | 8.0 |
| 1980 | ** | 1.9 | 77.0 | 18.0 | 3.5 | 22.3 | 2.2 | 0. | 0. | 0. | 0. | 0. | 124.9 | 33.8 |
| 1981 | 0. | 4.8 | 8.8 | 5.1 | 25.4 | 8.1 | 2.7 | 0. | 0. | 0. | 0. | 0. | 54.9 | 13.1 |
| 1982 | 0. | 22.1 | 12.9 | 31.8 | 20.0 | 19.0 | 0. | 0. | 0. | 0. | 0. | 0. | 105.8 | 13.0 |
| 1983 | 0. | 0. | 0. | 10.0 | 0. | 42.9 | 0. | 0. | 0. | 0. | 0. | 0. | 52.9 | 20.0 |
| 1984 | 8.4 | 10.6 | 10.0 | 0. | 51.7 | 13.1 | 9.3 | 0. | 0. | 0. | 0. | 0. | 103.1 | 27.4 |
| 1985 | 0. | 0. | 0. | 0. | 12.0 | 0. | 18.0 | 0. | 0. | 0. | 0. | 0. | 30.0 | 15.0 |
| TOTAL | 56.2 | 159.5 | 456.1 | 616.2 | 456.4 | 422.6 | 172.6 | 12.1 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 2.7 | 6.1 | 17.5 | 23.7 | 17.6 | 16.3 | 6.9 | 0.5 | 0. | 0. | 0. | 0. | 91.2 | -- |

* STATION ----- GATRANA
 * DISTRICT ----- W. MUJIB

* CODE NO. ----- 23530411

< UNIT : MM >

TABLE.B-2. SUMMARY OF MONTHLY RAINFALL (17/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|-------|-------|--------|--------|--------|--------|-------|------|------|------|-----|-----|--------------|---------------|
| 1960 | 0. | 15.5 | 17.2 | 77.5 | 141.4 | 10.2 | 11.0 | 0. | 0. | 0. | 0. | 0. | 272.8 | 34.6 |
| 1961 | 3.8 | 10.0 | 100.1 | 31.5 | 36.5 | 0. | 28.0 | 0. | 0. | 0. | 0. | 0. | 209.9 | 35.0 |
| 1962 | 0. | 0. | 3.0 | 5.0 | 70.3 | 7.8 | 12.8 | 3.0 | 0. | 0. | 0. | 0. | 101.9 | 28.0 |
| 1963 | 5.3 | 18.0 | 134.5 | 64.2 | 68.0 | 36.0 | 10.1 | 0. | 0. | 0. | 0. | 0. | 336.1 | 40.3 |
| 1964 | ** | 52.0 | 64.0 | 399.0 | 28.0 | 69.0 | 49.0 | 0. | 0. | 0. | 0. | 0. | 661.0 | 100.0 |
| 1965 | 83.5 | 13.0 | 42.5 | 31.0 | 58.0 | 72.5 | ** | 0. | 0. | 0. | 0. | 0. | 320.5 | 55.0 |
| 1966 | 29.5 | 8.0 | 121.0 | 62.5 | 46.5 | 159.0 | 3.0 | 8.0 | 0. | 0. | 0. | 0. | 437.5 | 55.0 |
| 1967 | 7.2 | 80.0 | 39.4 | 144.0 | 73.0 | 4.0 | 33.5 | 6.0 | 0. | 0. | 0. | 0. | 387.1 | 40.0 |
| 1968 | 24.2 | 25.6 | 92.0 | 76.0 | 2.0 | 135.0 | 6.0 | 0. | 0. | 0. | 0. | 0. | 360.8 | 37.0 |
| 1969 | 0. | 39.0 | 9.5 | 60.9 | 21.0 | 142.0 | 18.5 | 0. | 0. | 0. | 0. | 0. | 290.9 | 56.0 |
| 1970 | 0. | 10.0 | 52.2 | 28.4 | 26.5 | 18.0 | 221.5 | 0. | 0. | 0. | 0. | 0. | 356.6 | 60.0 |
| 1971 | ** | 38.5 | 279.2 | 21.0 | 111.0 | 140.0 | 15.8 | 0. | 0. | 0. | 0. | 0. | 605.5 | 115.0 |
| 1972 | 0. | 33.9 | 18.0 | 120.6 | 7.0 | 8.3 | 0. | 0. | 0. | 0. | 0. | 0. | 187.8 | 40.0 |
| 1973 | 0. | 72.0 | 26.0 | 285.8 | 81.3 | 31.5 | 35.5 | 0. | 0. | 0. | 0. | 0. | 532.1 | 56.5 |
| 1974 | ** | 27.0 | 93.5 | 27.4 | 170.1 | 45.3 | 0.4 | 0. | 0. | 0. | 0. | 0. | 363.7 | 62.0 |
| 1975 | ** | 25.3 | 32.7 | 23.1 | 51.0 | 60.0 | 10.5 | 0. | 0. | 0. | 0. | 0. | 202.6 | 42.0 |
| 1976 | 1.7 | 10.0 | 19.3 | 80.2 | 20.0 | 13.5 | 110.8 | 0. | 0. | 0. | 0. | 0. | 255.5 | 40.0 |
| 1977 | 0. | 21.5 | 112.5 | 35.5 | 39.5 | 90.0 | 3.0 | 0. | 0. | 0. | 0. | 0. | 302.0 | 32.0 |
| 1978 | 0. | 2.5 | 61.0 | 125.0 | 28.0 | 102.5 | 0. | 6.5 | 0. | 0. | 0. | 0. | 325.5 | 84.0 |
| 1979 | 9.0 | 86.0 | 173.5 | 113.0 | 148.0 | 67.9 | 22.0 | 0. | 0. | 0. | 0. | 0. | 619.4 | 81.0 |
| 1980 | ** | 0.2 | 368.3 | 32.8 | 75.1 | 82.6 | 6.9 | 0. | 0. | 0. | 0. | 0. | 565.9 | 140.0 |
| 1981 | 0. | 19.0 | 0. | 78.9 | 28.5 | 61.7 | 6.4 | 0. | 0. | 0. | 0. | 0. | 194.5 | 25.6 |
| 1982 | 0. | 79.8 | 61.2 | 198.8 | 109.4 | 93.2 | 6.9 | 0.7 | 0. | 0. | 0. | 0. | 550.0 | 98.8 |
| 1983 | 0. | 1.0 | 6.7 | 59.2 | 20.0 | 114.2 | 0. | 0. | 0. | 0. | 0. | 0. | 201.1 | 46.0 |
| 1984 | 26.8 | 8.1 | 28.6 | 2.7 | 202.2 | 49.4 | 8.7 | 0. | 0. | 0. | 0. | 0. | 326.5 | 84.5 |
| 1985 | 0. | 0. | 109.7 | 0. | 59.1 | 6.0 | 21.1 | 9.2 | 0. | 0. | 0. | 0. | 205.1 | 39.8 |
| TOTAL | 191.0 | 695.9 | 2065.6 | 2184.0 | 1721.4 | 1639.6 | 641.4 | 33.4 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 9.1 | 26.8 | 79.4 | 84.0 | 66.2 | 63.1 | 25.7 | 1.3 | 0. | 0. | 0. | 0. | 355.5 | --- |

* STATION ----- KARAK
 * DISTRICT ----- W.EL-KARAK

* CODE NO. ----- 23530504

(UNIT : MM)

TABLE.B-2. SUMMARY OF MONTHLY RAINFALL (18/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|-------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 23.2 | 20.6 | 54.3 | 92.6 | 11.2 | 8.8 | 0. | 0. | 0. | 0. | 0. | 210.7 | 31.2 |
| 1961 | 6.0 | 27.0 | 136.0 | 37.0 | 19.5 | 0. | 18.0 | 0. | 0. | 0. | 0. | 0. | 243.5 | 28.0 |
| 1962 | 0. | 0. | 5.8 | 6.5 | 80.0 | 14.5 | 13.0 | 0. | 0. | 0. | 0. | 0. | 119.8 | 43.0 |
| 1963 | 8.0 | 6.5 | 103.7 | 60.0 | 52.4 | 37.0 | 19.5 | 0. | 0. | 0. | 0. | 0. | 287.1 | 31.1 |
| 1964 | ** | 38.0 | 86.0 | 407.0 | 8.0 | 53.0 | 18.0 | 0. | 0. | 0. | 0. | 0. | 610.0 | 104.0 |
| 1965 | 68.0 | 24.0 | 18.4 | 19.0 | 61.5 | 52.5 | ** | 0. | 0. | 0. | 0. | 0. | 243.4 | 45.0 |
| 1966 | 11.0 | 20.0 | 57.0 | 72.0 | 61.5 | 137.5 | 0. | 0. | 0. | 0. | 0. | 0. | 359.0 | 40.0 |
| 1967 | 7.0 | 45.0 | 26.0 | 77.5 | 68.3 | 0. | 34.0 | 10.0 | 0. | 0. | 0. | 0. | 267.8 | 25.0 |
| 1968 | 0. | 47.0 | 60.0 | 39.5 | 0. | 84.5 | 16.0 | 0. | 0. | 0. | 0. | 0. | 247.0 | 30.0 |
| 1969 | 0. | 25.5 | 5.0 | 51.5 | 12.0 | 105.5 | 2.0 | 0. | 0. | 0. | 0. | 0. | 201.5 | 50.0 |
| 1970 | 0. | 3.5 | 35.0 | 33.5 | 8.5 | 4.0 | 229.5 | 0. | 0. | 0. | 0. | 0. | 314.0 | 78.0 |
| 1971 | ** | 20.0 | 187.5 | 20.0 | 40.0 | 135.0 | 18.5 | 5.0 | 0. | 0. | 0. | 0. | 426.0 | 90.0 |
| 1972 | 1.0 | 29.0 | 28.0 | 68.0 | 2.4 | 6.1 | 2.0 | 0. | 0. | 0. | 0. | 0. | 136.5 | 35.0 |
| 1973 | 0. | 33.7 | 28.5 | 168.5 | 74.5 | 24.6 | 23.0 | 0. | 0. | 0. | 0. | 0. | 352.8 | 57.0 |
| 1974 | ** | 15.0 | 72.3 | 34.0 | 159.5 | 25.4 | 1.0 | 0. | 0. | 0. | 0. | 0. | 307.2 | 70.0 |
| 1975 | ** | 11.0 | 50.1 | 17.8 | 37.8 | 37.6 | 7.5 | 0. | 0. | 0. | 0. | 0. | 161.8 | 28.4 |
| 1976 | 0. | 12.0 | 6.5 | 87.5 | 15.2 | 16.9 | 77.5 | 0. | 0. | 0. | 0. | 0. | 215.6 | 25.5 |
| 1977 | 0. | 17.8 | 71.5 | 26.0 | 15.0 | 55.5 | 3.0 | 0. | 0. | 0. | 0. | 0. | 188.8 | 33.0 |
| 1978 | 0. | 0. | 53.0 | 84.5 | 47.0 | 115.5 | 0. | 0. | 0. | 0. | 0. | 0. | 300.0 | 45.0 |
| 1979 | 0. | 56.0 | 140.5 | 72.0 | 94.0 | 11.0 | 9.3 | 0. | 0. | 0. | 0. | 0. | 382.8 | 53.0 |
| 1980 | ** | 0. | 231.0 | 13.0 | 113.7 | 84.0 | 19.0 | 0. | 0. | 0. | 0. | 0. | 460.7 | 120.0 |
| 1981 | 0. | 11.3 | 0. | 46.0 | ** | ** | ** | 17.8 | 0. | 0. | 0. | 0. | 75.1 | 18.0 |
| 1982 | 0. | 46.0 | 66.2 | 19.8 | 106.2 | 11.0 | 0. | 0. | 0. | 0. | 0. | 0. | 249.2 | 45.0 |
| 1983 | 0.6 | 2.8 | 0. | ** | 19.0 | 108.5 | 0. | 0. | 0. | 0. | 0. | 0. | 130.9 | 40.0 |
| 1984 | 11.3 | 3.2 | 43.0 | 2.1 | 166.0 | 43.2 | 52.0 | 0. | 0. | 0. | 0. | 0. | 320.8 | 55.0 |
| 1985 | 0. | 0. | 64.0 | 38.8 | 33.2 | 4.5 | 27.0 | 4.2 | 0. | 0. | 0. | 0. | 171.7 | 34.0 |
| TOTAL | 112.9 | 517.5 | 1595.6 | 1555.6 | 1367.6 | 1178.5 | 598.6 | 37.0 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 5.4 | 19.9 | 61.4 | 62.2 | 55.5 | 47.1 | 24.9 | 1.4 | 0. | 0. | 0. | 0. | 277.9 | --- |

* STATION ----- MAZAR
 * DISTRICT ----- W.MUJIB

* CODE NO. ----- 23530413

(UNIT : MM)

TABLE B-2. SUMMARY OF MONTHLY RAINFALL (19/23)

| * STATION | * CODE NO. ----- 23530106 | | | | | | | | | | | | (UNIT : MM) | |
|------------|---------------------------------|-------|-------|-------|-------|-------|-------|-----|------|-----|-----|-----|---------------|---------------|
| * DISTRICT | ----- MUHAI SMALL DRAINAGE AREA | | | | | | | | | | | | | |
| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
| 1960 | 0. | 13.3 | 11.9 | 31.2 | 53.3 | 6.4 | 5.1 | 0. | 0. | 0. | 0. | 0. | 121.2 | 18.0 |
| 1961 | 3.5 | 15.6 | 78.2 | 21.4 | 41.2 | 0. | 10.4 | 0. | 0. | 0. | 0. | 0. | 140.3 | 16.1 |
| 1962 | 0. | 0. | 3.4 | 3.7 | 46.2 | 8.4 | 7.5 | 0. | 0. | 0. | 0. | 0. | 69.2 | 24.8 |
| 1963 | 4.6 | 3.7 | 59.6 | 34.6 | 30.3 | 21.3 | 11.3 | 0. | 0. | 0. | 0. | 0. | 165.4 | 17.9 |
| 1964 | ** | 22.0 | 49.7 | 234.7 | 4.6 | 30.5 | 10.5 | 0. | 0. | 0. | 0. | 0. | 352.0 | 59.9 |
| 1965 | 39.2 | 13.8 | 10.6 | 10.9 | 35.4 | 30.2 | ** | 0. | 0. | 0. | 0. | 0. | 140.1 | 25.9 |
| 1966 | 6.3 | 11.5 | 32.8 | 41.5 | 35.6 | 79.2 | 0. | 0. | 0. | 0. | 0. | 0. | 206.9 | 23.0 |
| 1967 | 4.1 | 26.0 | 14.9 | 44.8 | 39.5 | 0. | 19.6 | 5.8 | 0. | 0. | 0. | 0. | 154.7 | 14.4 |
| 1968 | 0. | 22.4 | 31.7 | 19.7 | 0. | 42.2 | 2.8 | 0. | 0. | 0. | 0. | 0. | 118.8 | 14.6 |
| 1969 | 0. | 6.0 | 7.8 | 13.6 | 3.5 | 46.1 | 0.8 | 0. | 0. | 0. | 0. | 0. | 77.8 | 23.7 |
| 1970 | 0. | 6.5 | 15.7 | 20.8 | 1.6 | 6.7 | 79.0 | 0. | 0. | 0. | 0. | 0. | 130.3 | 35.0 |
| 1971 | ** | 5.7 | 73.7 | 4.1 | 43.7 | 33.0 | 15.9 | 3.3 | 0. | 0. | 0. | 0. | 179.4 | 31.0 |
| 1972 | 2.5 | 23.4 | 7.7 | 48.5 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 82.1 | 29.2 |
| 1973 | 0. | 21.4 | 11.0 | 104.6 | 62.0 | 8.9 | 8.1 | 0. | 0. | 0. | 0. | 0. | 216.0 | 32.5 |
| 1974 | ** | 31.3 | 32.8 | 16.8 | 101.4 | 6.2 | 1.2 | 0. | 0. | 0. | 0. | 0. | 189.7 | 47.0 |
| 1975 | ** | 3.4 | 15.6 | 2.8 | 17.8 | 23.9 | 1.5 | 0. | 0. | 0. | 0. | 0. | 65.0 | 16.5 |
| 1976 | 0. | 6.5 | 0. | 46.3 | 19.2 | 8.7 | 59.0 | 0. | 0. | 0. | 0. | 0. | 139.7 | 22.5 |
| 1977 | 0. | 14.5 | 53.0 | 12.6 | 16.0 | 25.7 | 0. | 0. | 0. | 0. | 0. | 0. | 121.8 | 18.0 |
| 1978 | 0. | 0. | 14.1 | 45.4 | 12.0 | 12.1 | 0. | 0. | 0. | 0. | 0. | 0. | 83.6 | 30.0 |
| 1979 | 0. | 32.5 | 89.9 | 17.0 | 77.7 | 16.3 | 9.4 | 0. | 0. | 0. | 0. | 0. | 242.8 | 40.0 |
| 1980 | ** | 0.6 | 80.0 | 1.4 | 23.9 | 18.2 | 3.1 | 0. | 0. | 0. | 0. | 0. | 127.2 | 25.3 |
| 1981 | 0. | 0. | 0. | 9.1 | 50.9 | 21.2 | 0. | 0. | 0. | 0. | 0. | 0. | 81.2 | 19.1 |
| 1982 | 4.5 | 33.5 | 23.6 | 45.8 | 25.2 | 35.0 | 35.0 | 0. | 0. | 0. | 0. | 0. | 202.6 | 26.0 |
| 1983 | 0. | 0. | 1.8 | 25.7 | 5.8 | 29.0 | 0. | 0. | 0. | 0. | 0. | 0. | 62.3 | 17.5 |
| 1984 | 19.7 | 0.2 | 11.9 | 2.7 | 4.4 | 17.5 | 9.4 | 0. | 0. | 0. | 0. | 0. | 65.8 | 14.5 |
| 1985 | 3.4 | 2.6 | 5.6 | 0. | 48.2 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 59.8 | 22.3 |
| TOTAL | 87.8 | 316.4 | 737.0 | 859.7 | 769.4 | 526.7 | 289.6 | 9.1 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 4.2 | 12.2 | 28.3 | 33.1 | 29.6 | 20.3 | 11.6 | 0.3 | 0. | 0. | 0. | 0. | 139.5 | --- |

TABLE B-2. SUMMARY OF MONTHLY RAINFALL (20/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|------------|------|-------|-------|-------|-------|-------|------|-----|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 2.1 | 4.2 | 29.9 | 21.8 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 58.0 | 12.5 |
| 1961 | 0.7 | 1.9 | 7.7 | 11.6 | 10.4 | 0. | 5.2 | 0. | 0. | 0. | 0. | 0. | 37.5 | 6.6 |
| 1962 | 0. | 0. | 0. | 2.8 | 12.4 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 15.2 | 6.9 |
| 1963 | 0.7 | 1.4 | 31.8 | 2.1 | 17.5 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 53.5 | 7.6 |
| 1964 | ** | 0. | 11.6 | 72.6 | 0. | 1.0 | 2.0 | 0. | 0. | 0. | 0. | 0. | 87.2 | 28.0 |
| 1965 | 11.1 | 0. | 0. | 3.8 | 7.6 | 13.8 | ** | 0. | 0. | 0. | 0. | 0. | 36.3 | 6.2 |
| 1966 | 21.2 | 17.2 | 5.5 | 12.9 | 3.5 | 17.5 | 0. | 1.0 | 0. | 0. | 0. | 0. | 78.8 | 17.5 |
| 1967 | 8.2 | 17.2 | 1.0 | 19.7 | 13.5 | 0. | 8.3 | 6.4 | 0. | 0. | 0. | 0. | 74.3 | 8.3 |
| 1968 | 3.7 | 12.5 | 0.5 | 3.8 | 0. | 17.6 | 0. | 0. | 0. | 0. | 0. | 0. | 38.1 | 8.2 |
| 1969 | 6.0 | 1.0 | 0. | 4.5 | 0. | 4.5 | 0. | 0. | 0. | 0. | 0. | 0. | 16.0 | 4.5 |
| 1970 | 0. | 0. | 20.9 | 17.0 | 0. | 0. | 12.0 | 0. | 0. | 0. | 0. | 0. | 49.9 | 17.0 |
| 1971 | ** | 0. | 45.0 | 0. | 14.5 | 13.0 | 0. | 0. | 0. | 0. | 0. | 0. | 72.5 | 18.0 |
| 1972 | 0. | 17.0 | 1.0 | 9.0 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 27.0 | 17.0 |
| 1973 | 0. | 11.0 | 0. | 31.5 | 16.5 | 19.8 | 0. | 0. | 0. | 0. | 0. | 0. | 78.8 | 10.5 |
| 1974 | ** | 15.0 | 14.5 | 4.7 | 41.5 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 75.7 | 36.0 |
| 1975 | ** | 0. | 4.0 | 0. | 7.5 | 39.0 | 0. | 0. | 0. | 0. | 0. | 0. | 50.8 | 22.0 |
| 1976 | 1.4 | 2.0 | 0. | 10.6 | 3.3 | 4.0 | 0.9 | 0. | 0. | 0. | 0. | 0. | 22.2 | 4.1 |
| 1977 | 0. | 0. | 21.3 | 5.8 | 8.0 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 35.1 | 8.0 |
| 1978 | 0. | 0. | 5.8 | 4.0 | 7.7 | 18.0 | 0. | 0. | 0. | 0. | 0. | 0. | 35.5 | 9.7 |
| 1979 | 0. | 4.1 | 15.8 | 24.5 | 15.1 | 4.7 | 0. | 0. | 0. | 0. | 0. | 0. | 64.2 | 13.0 |
| 1980 | ** | 0.9 | 36.2 | 8.5 | 1.6 | 10.5 | 1.1 | 0. | 0. | 0. | 0. | 0. | 58.8 | 15.9 |
| 1981 | 0. | 1.9 | 5.2 | 2.6 | 13.3 | 4.3 | 1.4 | 0. | 0. | 0. | 0. | 0. | 28.7 | 6.8 |
| 1982 | 0. | 10.4 | 6.0 | 15.0 | 9.3 | 8.9 | 0. | 0. | 0. | 0. | 0. | 0. | 49.6 | 6.1 |
| 1983 | 0. | 0. | 0. | 4.7 | 0. | 21.2 | 0. | 0. | 0. | 0. | 0. | 0. | 25.9 | 9.4 |
| 1984 | 1.5 | 1.1 | 1.3 | 0.4 | 27.9 | 6.8 | 11.8 | 0. | 0. | 0. | 0. | 0. | 50.8 | 9.8 |
| 1985 | 0. | 0. | 0. | 0. | 5.6 | 0. | 8.5 | 0. | 0. | 0. | 0. | 0. | 14.1 | 7.1 |
| TOTAL AVE. | 54.5 | 116.7 | 239.3 | 302.0 | 256.5 | 204.6 | 51.2 | 7.4 | 0. | 0. | 0. | 0. | 48.0 | -- |
| | 2.6 | 4.5 | 9.2 | 11.6 | 9.9 | 7.9 | 2.0 | 0.3 | 0. | 0. | 0. | 0. | | -- |

* STATION ----- HASA P. POST
 * DISTRICT ----- W. HASA

* CODE NO. ----- 23530605

(UNIT : MM)

TABLE.B-2. SUMMARY OF MONTHLY RAINFALL (21/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|-------|-------|-------|-------|-------|------|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0.2 | 4.0 | 10.2 | 5.6 | 0. | 6.7 | 0. | 0. | 0. | 0. | 0. | 26.7 | 6.7 |
| 1961 | 4.0 | 6.5 | 14.5 | 9.8 | 0. | 10.0 | 18.5 | 0. | 0. | 0. | 0. | 0. | 63.3 | 11.0 |
| 1962 | 2.0 | 0. | 0. | 0. | 7.0 | 4.5 | 33.0 | 30.0 | 0. | 0. | 0. | 0. | 76.5 | 25.0 |
| 1963 | 6.0 | 0. | 29.1 | 1.0 | 16.0 | 1.0 | 5.0 | 0. | 0. | 0. | 0. | 0. | 58.1 | 7.0 |
| 1964 | ** | 0. | 5.5 | 34.0 | 0. | 1.0 | 0. | 0. | 0. | 0. | 0. | 0. | 40.5 | 21.5 |
| 1965 | 7.0 | 15.5 | 1.0 | 11.0 | 8.0 | 24.9 | ** | 0. | 0. | 0. | 0. | 0. | 67.4 | 18.9 |
| 1966 | 33.0 | 3.0 | 0.5 | 3.0 | 4.0 | 13.0 | 0. | 25.0 | 0. | 0. | 0. | 0. | 81.5 | 25.0 |
| 1967 | 7.1 | 3.6 | 0. | 2.8 | 12.0 | 6.0 | 4.0 | 3.0 | 0. | 0. | 0. | 0. | 38.5 | 6.0 |
| 1968 | 0. | 11.8 | 1.2 | 0.7 | 0. | 6.9 | 0. | 0. | 0. | 0. | 0. | 0. | 20.6 | 11.8 |
| 1969 | 2.9 | 0. | 0. | 5.1 | 2.0 | 2.6 | 3.3 | 0. | 0. | 0. | 0. | 0. | 15.9 | 5.1 |
| 1970 | 0. | 0. | 2.4 | 26.0 | 0. | 0. | 9.0 | 0. | 0. | 0. | 0. | 0. | 37.4 | 23.0 |
| 1971 | ** | 0. | 33.8 | 0. | 11.0 | 9.8 | 0. | 0. | 0. | 0. | 0. | 0. | 54.6 | 13.5 |
| 1972 | 0. | 12.8 | 0.8 | 6.8 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 20.4 | 12.8 |
| 1973 | 0. | 5.0 | 0. | 38.0 | 2.0 | 22.0 | 0. | 0. | 0. | 0. | 0. | 0. | 67.0 | 12.0 |
| 1974 | ** | 23.0 | 7.0 | 11.0 | 32.5 | 0. | 4.5 | 0. | 0. | 0. | 0. | 0. | 78.0 | 24.5 |
| 1975 | ** | 0. | 6.0 | 2.0 | 9.0 | 33.0 | 0. | 0. | 0. | 0. | 0. | 0. | 50.3 | 25.0 |
| 1976 | 0. | 0. | 0. | 11.0 | 0. | 6.0 | 5.0 | 0. | 0. | 0. | 0. | 0. | 22.0 | 6.0 |
| 1977 | 0. | 0. | 3.5 | 7.0 | 17.6 | 20.2 | 2.3 | 0. | 0. | 0. | 0. | 0. | 50.6 | 9.2 |
| 1978 | 0. | 0. | 0. | 5.7 | 7.6 | 9.3 | 0. | 0. | 0. | 0. | 0. | 0. | 22.6 | 6.1 |
| 1979 | 0. | 0. | 10.3 | 3.8 | 7.4 | 18.6 | 0. | 0. | 0. | 0. | 0. | 0. | 40.1 | 14.6 |
| 1980 | ** | 0.8 | 30.5 | 7.1 | 1.4 | 8.9 | 5.3 | 0. | 0. | 0. | 0. | 0. | 54.0 | 13.4 |
| 1981 | 0. | 0.6 | 0. | 6.6 | 7.9 | 3.1 | 1.5 | 0. | 0. | 0. | 0. | 0. | 19.7 | 3.3 |
| 1982 | 0. | 8.7 | 5.2 | 12.6 | 8.0 | 7.5 | 0. | 0. | 0. | 0. | 0. | 0. | 42.0 | 5.1 |
| 1983 | 0. | 0. | 0. | 4.0 | 0. | 16.6 | 0. | 0. | 0. | 0. | 0. | 0. | 20.6 | 7.9 |
| 1984 | 1.5 | 0.2 | 1.4 | 3.0 | 12.8 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 18.9 | 5.6 |
| 1985 | 0. | 0. | 0. | 0. | 4.8 | 0. | 7.1 | 0. | 0. | 0. | 0. | 0. | 11.9 | 5.9 |
| TOTAL | 63.5 | 91.7 | 156.7 | 222.2 | 176.6 | 224.9 | 105.2 | 56.0 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 3.0 | 3.5 | 6.0 | 8.5 | 6.8 | 8.6 | 4.2 | 2.2 | 0. | 0. | 0. | 0. | 43.0 | -- |

* STATION ----- BAYIR EVP.ST.
 * DISTRICT -----

* CODE NO. ----- 23600001

(UNIT : MM)

TABLE B-2. SUMMARY OF MONTHLY RAINFALL (22/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|-------|-------|--------|--------|-------|--------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 20.9 | 7.2 | 46.3 | 60.5 | 3.1 | 11.9 | 0. | 0. | 0. | 0. | 0. | 149.9 | 17.7 |
| 1961 | 3.5 | 4.9 | 57.1 | 29.3 | 19.5 | 0. | 8.0 | 0. | 0. | 0. | 0. | 0. | 122.3 | 17.7 |
| 1962 | 0. | 0. | 5.5 | 0. | 66.3 | 4.0 | 0. | 9.5 | 0. | 0. | 0. | 0. | 85.3 | 41.0 |
| 1963 | 0.5 | 22.0 | 190.1 | 111.5 | 96.0 | 109.3 | 0. | 0. | 0. | 0. | 0. | 0. | 529.4 | 57.0 |
| 1964 | ** | 42.8 | 51.4 | 202.6 | 5.3 | 44.5 | 36.7 | 0. | 0. | 0. | 0. | 0. | 383.5 | 38.0 |
| 1965 | 32.5 | 17.2 | 5.8 | 14.3 | 42.4 | 72.4 | ** | 0. | 0. | 0. | 0. | 0. | 184.6 | 27.3 |
| 1966 | 24.9 | 0. | 103.5 | 64.6 | 42.5 | 65.8 | 0. | 0. | 0. | 0. | 0. | 0. | 301.3 | 52.5 |
| 1967 | 0. | 52.6 | 21.7 | 85.0 | 18.8 | 3.4 | 10.0 | 0. | 0. | 0. | 0. | 0. | 191.5 | 30.0 |
| 1968 | 6.0 | 32.8 | 115.7 | 42.1 | 2.6 | 129.4 | 34.0 | 0. | 0. | 0. | 0. | 0. | 362.6 | 34.0 |
| 1969 | 2.7 | 13.4 | 25.6 | 70.0 | 12.0 | 72.3 | 26.0 | 0. | 0. | 0. | 0. | 0. | 222.0 | 28.0 |
| 1970 | 0. | 7.4 | 79.4 | 39.4 | 13.0 | 10.5 | 174.8 | 0. | 0. | 0. | 0. | 0. | 324.5 | 64.5 |
| 1971 | ** | 40.4 | 191.1 | 20.5 | 39.7 | 82.2 | 18.1 | 0. | 0. | 0. | 0. | 0. | 392.0 | 42.0 |
| 1972 | 0. | 7.0 | 0. | 113.0 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 120.0 | 25.0 |
| 1973 | 0. | 71.0 | 14.0 | 217.6 | 70.6 | 10.7 | 35.8 | 0. | 0. | 0. | 0. | 0. | 419.7 | 59.8 |
| 1974 | ** | 42.7 | 76.7 | 21.9 | 119.7 | 53.2 | 5.7 | 0. | 0. | 0. | 0. | 0. | 319.9 | 43.5 |
| 1975 | ** | 13.0 | 26.6 | 20.0 | 49.1 | 29.0 | 8.0 | 0. | 0. | 0. | 0. | 0. | 145.7 | 20.0 |
| 1976 | 0. | 11.1 | 0. | 141.0 | 21.5 | 7.1 | 69.7 | 0. | 0. | 0. | 0. | 0. | 250.4 | 40.5 |
| 1977 | 0. | 8.0 | 70.8 | 48.0 | 21.1 | 26.5 | 14.0 | 0. | 0. | 0. | 0. | 0. | 188.4 | 31.0 |
| 1978 | 0. | 0. | 50.5 | 69.5 | 10.0 | 53.0 | 0. | 7.0 | 0. | 0. | 0. | 0. | 190.0 | 42.0 |
| 1979 | 21.2 | 71.0 | 81.0 | 49.4 | 46.7 | 72.0 | 7.7 | 0. | 0. | 0. | 0. | 0. | 349.0 | 61.0 |
| 1980 | ** | 0. | 0. | 12.5 | 46.2 | 55.5 | 1.8 | 0. | 0. | 0. | 0. | 0. | 116.0 | 32.6 |
| 1981 | 0. | 24.2 | 0. | 54.5 | 62.1 | 25.2 | 4.1 | 0. | 0. | 0. | 0. | 0. | 170.1 | 14.7 |
| 1982 | 0. | 51.5 | 16.8 | 71.0 | 31.7 | 10.6 | 1.0 | 0. | 0. | 0. | 0. | 0. | 182.6 | 40.0 |
| 1983 | 0. | 16.2 | 3.8 | 44.3 | 0. | 64.9 | 0. | 0. | 0. | 0. | 0. | 0. | 129.2 | 29.0 |
| 1984 | 25.0 | 10.1 | 10.1 | 3.9 | 25.6 | 40.6 | 17.2 | 0. | 0. | 0. | 0. | 0. | 132.5 | 30.0 |
| 1985 | 0. | 7.3 | 36.8 | 17.4 | 74.3 | 5.8 | 12.6 | 0. | 0. | 0. | 0. | 0. | 154.2 | 27.5 |
| TOTAL | 116.3 | 587.5 | 1241.2 | 1609.6 | 997.2 | 1051.0 | 497.1 | 16.5 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 5.5 | 22.6 | 47.7 | 61.9 | 38.4 | 40.4 | 19.9 | 0.6 | 0. | 0. | 0. | 0. | 237.1 | -- |

* STATION ----- JUDAYDA
 * DISTRICT ----- W.MUJIB

* CODE NO. ----- 23530416

(UNIT : MM)

TABLE.B-2. SUMMARY OF MONTHLY RAINFALL (23/23)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|-------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 54.8 | 15.7 | 58.9 | 82.1 | 15.9 | 16.9 | 0. | 0. | 0. | 0. | 0. | 244.3 | 37.4 |
| 1961 | 0.7 | 5.9 | 125.7 | 35.1 | 26.9 | 0. | 6.7 | 0. | 0. | 0. | 0. | 0. | 201.0 | 47.0 |
| 1962 | 2.5 | 0. | 20.0 | 5.6 | 64.8 | 27.3 | 9.5 | 0. | 0. | 0. | 0. | 0. | 129.7 | 43.8 |
| 1963 | 5.3 | 22.3 | 112.5 | 109.6 | 56.9 | 55.5 | 0. | 0. | 0. | 0. | 0. | 0. | 362.1 | 73.1 |
| 1964 | ** | 35.4 | 59.5 | 151.0 | 24.1 | 23.5 | 76.6 | 0. | 0. | 0. | 0. | 0. | 370.1 | 42.4 |
| 1965 | 19.1 | 11.6 | 38.0 | 25.5 | 31.9 | 73.7 | ** | 0. | 0. | 0. | 0. | 0. | 199.8 | 33.2 |
| 1966 | 19.3 | 1.5 | 119.8 | 141.3 | 32.8 | 120.6 | 1.5 | 0. | 0. | 0. | 0. | 0. | 406.8 | 57.3 |
| 1967 | 0. | 68.4 | 74.5 | 96.2 | 94.2 | 9.1 | 3.7 | 0. | 0. | 0. | 0. | 0. | 346.1 | 31.5 |
| 1968 | 0. | 40.0 | 73.0 | 87.1 | 21.1 | 135.1 | 3.6 | 0. | 0. | 0. | 0. | 0. | 359.9 | 52.0 |
| 1969 | 4.2 | 5.0 | 12.9 | 58.2 | 26.3 | 95.7 | 16.2 | 0. | 0. | 0. | 0. | 0. | 218.5 | 40.0 |
| 1970 | 0. | 0. | 65.9 | 54.3 | 78.4 | 43.5 | 117.9 | 0. | 0. | 0. | 0. | 0. | 360.0 | 73.1 |
| 1971 | ** | 13.0 | 143.3 | 39.2 | 66.5 | 53.6 | 36.2 | 8.0 | 0. | 0. | 0. | 0. | 359.8 | 50.4 |
| 1972 | 10.0 | 36.3 | 12.5 | 71.7 | 28.8 | 44.8 | 0. | 0. | 0. | 0. | 0. | 0. | 204.1 | 27.4 |
| 1973 | 3.5 | 45.5 | 35.8 | 200.5 | 133.3 | 21.5 | 39.8 | 0. | 0. | 0. | 0. | 0. | 479.9 | 50.0 |
| 1974 | ** | 51.8 | 34.0 | 5.6 | 119.1 | 38.0 | 2.2 | 0. | 0. | 0. | 0. | 0. | 250.7 | 40.0 |
| 1975 | ** | 27.5 | 18.9 | 31.0 | 47.6 | 65.9 | 25.0 | 3.2 | 0. | 0. | 0. | 0. | 219.1 | 29.0 |
| 1976 | 0. | 12.7 | 0. | 91.0 | 49.2 | 45.5 | 65.0 | 0. | 0. | 0. | 0. | 0. | 263.4 | 27.0 |
| 1977 | 12.8 | 3.5 | 79.9 | 41.7 | 19.6 | 86.0 | 8.5 | 0. | 0. | 0. | 0. | 0. | 252.0 | 33.8 |
| 1978 | 0. | 0. | 63.0 | 54.0 | 9.5 | 34.3 | 0. | 0. | 0. | 0. | 0. | 0. | 160.8 | 33.1 |
| 1979 | 19.3 | 66.1 | 99.1 | 117.2 | 68.5 | 58.5 | 14.3 | 0. | 0. | 0. | 0. | 0. | 443.0 | 49.5 |
| 1980 | ** | 5.3 | 130.5 | 47.1 | 58.6 | 20.6 | 2.4 | 0. | 0. | 0. | 0. | 0. | 264.5 | 65.7 |
| 1981 | 0. | 18.8 | 0. | 75.1 | 63.6 | 46.8 | 11.1 | 0. | 0. | 0. | 0. | 0. | 215.4 | 33.6 |
| 1982 | 6.2 | 81.4 | 28.2 | 159.8 | 143.4 | 112.7 | 0. | 0. | 0. | 0. | 0. | 0. | 531.7 | 74.3 |
| 1983 | 0. | 64.4 | 4.5 | 83.4 | 14.1 | 49.5 | 0. | 0. | 0. | 0. | 0. | 0. | 235.9 | 56.6 |
| 1984 | 22.4 | 27.7 | 83.2 | 10.1 | 195.2 | 88.4 | 3.5 | 0. | 0. | 0. | 0. | 0. | 430.5 | 82.5 |
| 1985 | 10.5 | 5.2 | 29.1 | 18.7 | 61.5 | 9.6 | 12.9 | 0. | 0. | 0. | 0. | 0. | 147.5 | 23.6 |
| TOTAL | 135.8 | 704.1 | 1479.5 | 1838.9 | 1618.0 | 1395.6 | 473.5 | 11.2 | 0. | 0. | 0. | 0. | 296.5 | -- |
| AVE. | 6.5 | 27.1 | 56.9 | 70.7 | 62.2 | 53.7 | 18.9 | 0.4 | 0. | 0. | 0. | 0. | -- | -- |

* STATION ----- ABU ALANDA
 * DISTRICT ----- W. ZARQA

* CODE NO. ----- 23511243

(UNIT : MM)

TABLE.B-3. SUMMARY OF FLOOD RUNOFF (1/4)

* STATION ----- WADI WALA AT K/R
 * DISTRICT ----- W.MUJIB

* CODE NO. ----- 23530404

(UNIT :MCM)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|-----|-----------------|------------------|
| 1962 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1963 | ** | ** | ** | 5.83 | ** | 3.96 | 0.05 | 0. | 0. | 0. | 0. | 0. | 9.83 | 5.80 |
| 1964 | 0. | 0. | 0.30 | 8.36 | 0. | 0. | 1.89 | 0. | 0. | 0. | 0. | 0. | 10.54 | 4.33 |
| 1965 | 0.68 | 0. | 0. | 0. | 0.17 | 3.65 | 0. | 0. | 0. | 0. | 0. | 0. | 4.50 | 1.45 |
| 1966 | 2.30 | 4.07 | 6.88 | 4.60 | 0. | 1.84 | 0. | 0. | 0. | 0. | 0. | 0. | 19.69 | 3.98 |
| 1967 | 0.38 | 0.45 | 0. | 0.37 | ** | 0. | 0. | 0.43 | 0. | 0. | 0. | 0. | 1.81 | 0.33 |
| 1968 | 0. | 1.52 | 2.23 | 1.38 | 0. | 12.03 | 3.37 | 0. | 0. | 0. | 0. | 0. | 20.53 | 4.74 |
| 1969 | 0.79 | 0. | 0. | 0. | 0. | 0.48 | 0. | 0. | 0. | 0. | 0. | 0. | 1.27 | 0.71 |
| 1970 | 0. | 0. | 0. | 1.53 | 0. | 0.75 | 45.79 | 0. | 0. | 0. | 0. | 0. | 48.07 | 21.14 |
| 1971 | 0. | 0.12 | 23.01 | 0. | ** | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 23.13 | 15.62 |
| 1972 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1973 | 0. | 1.95 | 0.71 | 11.26 | 3.89 | 0.60 | 0. | 0. | 0. | 0. | 0. | 0. | 18.42 | 3.21 |
| 1974 | 0. | 0. | 0.00 | 0. | 0.00 | 0.00 | 0. | 0. | 0. | 0. | 0. | 0. | 0.01 | 0.00 |
| 1975 | 0.01 | 0. | 0. | 0. | ** | 7.05 | 0. | 0. | 0. | 0. | 0. | 0. | 7.06 | 5.83 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 2.37 | 0. | 0. | 0. | 0. | 0. | 0. | 2.37 | 1.22 |
| 1977 | 0. | 0.03 | 2.53 | 4.83 | 0. | 0.77 | 0. | 0. | 0. | 0. | 0. | 0. | 8.16 | 2.90 |
| 1978 | 0. | 0. | 0. | 0.29 | 0. | 2.04 | 0. | 0. | 0. | 0. | 0. | 0. | 2.33 | 1.00 |
| 1979 | 0. | 15.58 | 24.63 | 3.93 | ** | 13.32 | 0. | 0. | 0. | 0. | 0. | 0. | 60.69 | 15.36 |
| 1980 | 0. | 0. | 46.88 | 1.34 | 1.94 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 50.16 | 15.69 |
| 1981 | 0. | 0. | 0. | 0. | 1.42 | 0. | 20.92 | 10.83 | 0. | 0. | 0. | 0. | 33.17 | 12.49 |
| 1982 | 0. | 1.71 | 0.12 | 4.18 | 3.40 | 12.98 | 0. | 0. | 0. | 0. | 0. | 0. | 22.40 | 6.20 |
| 1983 | 0. | 0. | 0. | 0. | ** | 2.56 | 0. | 0. | 0. | 0. | 0. | 0. | 2.56 | 1.46 |
| 1984 | ** | 1.39 | 1.94 | 0. | 18.36 | 38.37 | 0. | 0. | 0. | 0. | 0. | ** | 60.07 | 30.26 |
| 1985 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| TOTAL | 4.2 | 26.8 | 109.2 | 47.9 | 29.2 | 102.8 | 72.0 | 11.3 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.2 | 1.3 | 5.2 | 2.2 | 1.8 | 4.7 | 3.3 | 0.5 | 0. | 0. | 0. | 0. | 19.1 | -- |

TABLE.B-3. SUMMARY OF FLOOD RUNOFF (2/4)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|-------|-------|-------|-------|------|------|------|-----|-----|-----|-----------------|------------------|
| 1962 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1963 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1964 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1965 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1966 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1967 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1968 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1969 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1970 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1971 | 0. | 0.16 | 23.23 | 0.03 | ** | 0. | 0. | 0. | 0. | ** | ** | ** | 23.46 | 15.63 |
| 1972 | 0. | 0. | 0. | 0.01 | 0. | 0. | 0. | 0. | 0. | 0. | ** | ** | 0.01 | 0.01 |
| 1973 | 0. | 2.04 | 0.82 | 11.50 | 3.98 | 0.60 | 0. | 0. | 0. | 0. | 0. | 0. | 18.94 | 3.21 |
| 1974 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1975 | 0. | 0. | 0. | 0. | ** | 7.05 | 0. | 0. | 0. | 0. | 0. | 0. | 7.05 | 5.83 |
| 1976 | ** | ** | ** | ** | ** | 2.34 | 0. | ** | ** | ** | ** | ** | 2.34 | 1.20 |
| 1977 | 0. | 0.07 | 1.69 | 3.26 | 0. | 0.53 | 0. | 0. | 0. | 0. | 0. | 0. | 5.54 | 2.99 |
| 1978 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 1.45 | 0.89 |
| 1979 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1980 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 41.76 | 14.60 |
| 1981 | ** | ** | ** | ** | ** | 0. | 3.53 | 2.13 | 0. | 0. | 0. | 0. | 6.09 | 3.53 |
| 1982 | 0. | 0.98 | 0. | 3.18 | 6.03 | 23.58 | 0. | 0. | 0. | 0. | 0. | 0. | 33.77 | 13.17 |
| 1983 | 0. | 0. | 0. | 0. | ** | 1.77 | 0. | 0. | 0. | 0. | 0. | 0. | 1.77 | 1.04 |
| 1984 | 1.37 | 3.37 | 3.01 | 0. | 10.47 | 1.94 | 0. | ** | ** | ** | ** | ** | 20.15 | 5.91 |
| 1985 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| TOTAL | 1.4 | 6.6 | 28.7 | 18.0 | 20.5 | 37.8 | 3.5 | 2.1 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.2 | 0.8 | 3.6 | 2.2 | 4.1 | 3.8 | 0.4 | 0.3 | 0. | 0. | 0. | 0. | 15.3 | -- |

* STATION ----- WADI WALA AT D/S
 * DISTRICT ----- W.MUJIB

* CODE NO. ----- 23530414

(UNIT :MCM)

TABLE B-3. SUMMARY OF FLOOD RUNOFF (3/4)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|------|------|------|------|-------|------|------|-----|-----|-----|-----------------|------------------|
| | | | | | | | | | | | | | | |
| 1962 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1963 | 0. | 0.07 | 3.71 | 0.04 | ** | 0.00 | 0. | 0. | 0. | 0. | 0. | 0. | 3.82 | 1.61 |
| 1964 | 0. | 0. | 0. | 7.27 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 7.27 | 4.39 |
| 1965 | 0.13 | 0. | 0. | 0. | 0.52 | 0.04 | 0. | 0. | 0. | 0. | 0. | 0. | 0.69 | 0.51 |
| 1966 | 1.79 | 0.79 | 0.24 | 0. | 0. | 0.02 | 0. | 1.63 | 0. | 0. | 0. | 0. | 4.45 | 1.54 |
| 1967 | 1.73 | 0. | 0. | 0. | ** | 0. | 0. | 1.50 | 0. | 0. | 0. | 0. | 3.23 | 1.56 |
| 1968 | 0.17 | 0.12 | 0.15 | 0. | 0. | 1.55 | 0.00 | 0. | 0. | 0. | 0. | 0. | 2.00 | 0.65 |
| 1969 | 1.35 | 0. | 0. | 0. | 0. | 0.26 | 0. | 0. | 0. | 0. | 0. | 0. | 1.61 | 0.89 |
| 1970 | 0. | 0. | 0. | 0.67 | 0. | 0.03 | 3.30 | 0. | 0. | 0. | 0. | 0. | 4.00 | 2.43 |
| 1971 | 0.1 | 0.04 | 3.29 | 0. | ** | 0. | 0. | 0.09 | 0. | 0. | 0. | 0. | 3.42 | 1.97 |
| 1972 | 0. | 0.05 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.05 | 0.02 |
| 1973 | 0. | 0.04 | 0. | 3.51 | 0.16 | 0.09 | 0. | 0. | 0. | 0. | 0. | 0. | 3.80 | 1.30 |
| 1974 | 0. | 0. | 0. | 0. | 1.23 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.23 | 0.85 |
| 1975 | 0. | 0. | 0. | 0. | ** | 1.75 | 0. | 0. | 0. | 0. | 0. | 0. | 1.75 | 1.51 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1977 | 0. | 0. | 0. | 0.62 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.82 | 0.62 |
| 1978 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1979 | 0. | 0.51 | 0.97 | 0. | ** | 0.84 | 0. | 0. | 0. | 0. | 0. | 0. | 10.01 | 7.67 |
| 1980 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0.84 | 0.79 |
| 1981 | 0. | 0.00 | 0.84 | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0.85 | 0.79 |
| 1982 | ** | ** | ** | 0.17 | 0. | 0. | 35.18 | 0.37 | 0. | 0. | 0. | 0. | 35.72 | 34.99 |
| 1983 | 0. | 0. | 0. | 0. | ** | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1984 | 0. | 3.01 | 0.07 | 0. | 0.00 | 1.16 | 0. | 0. | 0. | 0. | ** | 0. | 4.24 | 2.72 |
| 1985 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| TOTAL | 5.2 | 4.6 | 9.3 | 12.5 | 1.9 | 5.7 | 38.5 | 3.6 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.3 | 0.2 | 0.5 | 0.7 | 0.1 | 0.3 | 2.0 | 0.2 | 0. | 0. | 0. | 0. | 4.3 | -- |

TABLE B-3. SUMMARY OF FLOOD RUNOFF (4/4)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|-------|-------|-------|-------|--------|------|------|-----|-----|-----|--------------|---------------|
| 1962 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1963 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1964 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1965 | ** | ** | ** | 0. | 0. | 1.59 | 0. | 0. | 0. | 0. | 0. | 0. | 1.59 | 0.86 |
| 1966 | 3.36 | 12.24 | 4.06 | 1.48 | 0. | 5.28 | 6.20 | 0. | 0. | 0. | 0. | 0. | 32.63 | 7.21 |
| 1967 | 0. | 5.97 | 0.38 | 2.01 | ** | 0. | 0. | 1.53 | 0. | 0. | 0. | 0. | 10.53 | 2.24 |
| 1968 | 0.13 | 1.16 | 0.94 | 0.12 | 0. | 13.12 | 0. | ** | ** | ** | ** | ** | 15.47 | 6.17 |
| 1969 | 1.12 | 0. | 0. | 0. | 0. | 7.41 | 0. | 0. | 0. | 0. | 0. | 0. | 8.53 | 2.51 |
| 1970 | 0. | 0. | 0. | 10.33 | 0. | 0.52 | 125.94 | 0. | 0. | 0. | 0. | 0. | 136.80 | 88.94 |
| 1971 | 0. | 0.03 | ** | 4.02 | ** | 2.66 | 0. | 0.55 | 0. | 0. | 0. | 0. | 29.32 | 5.77 |
| 1972 | 0. | 0.57 | 4.30 | 2.72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 7.58 | 0.91 |
| 1973 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1974 | ** | 1.14 | 0.03 | 0. | 20.88 | ** | ** | ** | ** | ** | ** | ** | 22.05 | 11.81 |
| 1975 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1976 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1977 | 0. | 0. | 0.25 | 8.46 | 0. | 0.29 | 0. | 0. | 0. | 0. | 0. | 0. | 9.00 | 8.34 |
| 1978 | 0. | 0. | 0. | 0.30 | 0. | 0.23 | 0. | 0. | 0. | ** | ** | ** | 0.53 | 0.27 |
| 1979 | 0. | 0. | 16.47 | ** | ** | ** | ** | ** | ** | ** | ** | ** | 16.47 | 6.70 |
| 1980 | 0. | 0. | 16.72 | 0. | 0. | 1.17 | 0. | 0. | 0. | 0. | 0. | ** | 17.88 | 6.71 |
| 1981 | 0. | 0. | 0. | 0.44 | 0.36 | 0. | 18.13 | 0. | 0. | 0. | 0. | 0. | 18.94 | 14.16 |
| 1982 | 0. | 0. | 0. | 0.46 | 0.05 | 0.20 | 0. | 0. | 0. | 0. | 0. | 0. | 0.71 | 0.26 |
| 1983 | 0. | 0. | 0. | 0. | ** | 0. | 0. | 0. | 0. | 0. | ** | ** | 0. | 0. |
| 1984 | 0. | 0. | 0.78 | 0. | 1.36 | 0.68 | 0. | 0. | ** | ** | ** | ** | 2.82 | 0.45 |
| 1985 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| TOTAL | 4.6 | 21.1 | 43.9 | 30.3 | 22.7 | 33.1 | 150.3 | 2.1 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.3 | 1.3 | 2.9 | 1.9 | 1.7 | 2.2 | 10.0 | 0.1 | 0. | 0. | 0. | 0. | 20.6 | -- |

* STATION ----- WADI EL MUJIB
 * DISTRICT ----- W.MUJIB
 * CODE NO. ----- 23530401
 (UNIT : MCM)

TABLE B-4. SUMMARY OF TOTAL RUNOFF (1/4)

* STATION ----- WADI WALA AT K/R
 * DISTRICT ----- W.MUJIB

* CODE NO. ----- 23530404

(UNIT : MCM)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|--------------|---------------|
| 1963 | ** | ** | ** | 6.43 | 0.39 | 4.38 | 0.38 | 0.21 | 0.16 | 0.16 | 0.16 | 0.16 | 12.43 | 5.82 |
| 1964 | 0.14 | 0.22 | 0.88 | 8.95 | 0.38 | 0.36 | 2.21 | 0.21 | 0.16 | 0.16 | 0.16 | 0.16 | 13.97 | 4.35 |
| 1965 | 0.86 | 0.16 | 0.16 | 0.16 | 0.32 | 3.81 | 0.16 | 0.11 | 0.13 | 0.13 | 0.11 | 0.10 | 6.20 | 1.47 |
| 1966 | 3.06 | 5.27 | 8.15 | 5.53 | 0.03 | 2.15 | 0.14 | 0.13 | 0.10 | 0.20 | 0.10 | 0.10 | 24.97 | 4.03 |
| 1967 | 0.68 | 0.92 | 0.34 | 0.88 | 0.60 | 0.34 | 0.29 | 0.74 | 0.28 | 0.21 | 0.08 | 0.10 | 5.45 | 0.36 |
| 1968 | 0.23 | 2.60 | 6.60 | 6.12 | 0.36 | 13.14 | 4.34 | 0.32 | 0.32 | 0.43 | 0.44 | 0.54 | 35.45 | 4.84 |
| 1969 | 0.88 | 0.09 | 0.10 | 0.11 | 0.10 | 0.62 | 0.08 | 0.07 | 0.06 | 0.09 | 0.09 | 0.08 | 2.37 | 0.73 |
| 1970 | 0.40 | 0.41 | 0.43 | 1.98 | 0.40 | 1.15 | 46.23 | 0.30 | 0.19 | 0.18 | 0.19 | 0.18 | 52.04 | 21.17 |
| 1971 | 0.24 | 0.51 | 23.50 | 0.34 | 0.33 | 0.25 | 0.24 | 0.22 | 0.28 | 0.23 | 0.23 | 0.18 | 26.55 | 15.64 |
| 1972 | 0.19 | 0.18 | 0.19 | 0.20 | 0.15 | 0.19 | 0.22 | 0.25 | 0.21 | 0.12 | 0.08 | 0.08 | 2.06 | 0.01 |
| 1973 | 0.75 | 2.45 | 1.01 | 11.63 | 4.38 | 0.80 | 0.16 | 0.16 | 0.10 | 0.13 | 0.14 | 0.10 | 21.81 | 3.22 |
| 1974 | 0.12 | 0.19 | 0.22 | 0.17 | 0.24 | 0.22 | 0.17 | 0.11 | 0.13 | 0.13 | 0.13 | 0.13 | 1.98 | 0.02 |
| 1975 | 0.11 | 0.11 | 0.09 | 0.08 | 0.08 | 7.22 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 8.16 | 5.85 |
| 1976 | 0.35 | 0.34 | 0.35 | 0.35 | 0.31 | 2.64 | 0.23 | 0.20 | 0.20 | 0.18 | 0.12 | 0.15 | 5.42 | 1.24 |
| 1977 | 0.44 | 0.67 | 3.28 | 5.52 | 0.55 | 1.44 | 0.55 | 0.26 | 0.15 | 0.14 | 0.14 | 0.13 | 13.25 | 2.92 |
| 1978 | 0.17 | 0.19 | 0.28 | 0.64 | 0.32 | 2.29 | 0.27 | 0.23 | 0.14 | 0.21 | 0.18 | 0.18 | 5.09 | 1.01 |
| 1979 | 0.23 | 32.74 | 25.03 | 4.33 | 3.55 | 13.66 | 0.27 | 0.28 | 0.24 | 0.19 | 0.18 | 0.17 | 80.87 | 16.85 |
| 1980 | 2.22 | 2.15 | 49.10 | 4.75 | 4.68 | 3.59 | 4.02 | 4.25 | 3.45 | 3.26 | 2.06 | 2.08 | 85.62 | 15.71 |
| 1981 | 2.22 | 2.15 | 2.22 | 2.38 | 4.27 | 3.70 | 24.00 | 12.96 | 1.35 | 1.72 | 1.84 | 1.90 | 60.73 | 12.53 |
| 1982 | 1.93 | 3.45 | 2.07 | 5.67 | 4.56 | 14.27 | 1.19 | 1.23 | 1.19 | 1.23 | 1.23 | 1.19 | 39.23 | 6.24 |
| 1983 | 1.50 | 1.79 | 3.49 | 4.63 | 4.44 | 5.87 | 1.65 | 1.02 | 0.88 | 0.91 | 0.91 | 1.32 | 28.41 | 1.50 |
| 1984 | ** | 2.41 | 2.95 | 1.23 | 19.49 | 39.36 | 0.93 | 0.96 | 0.93 | 0.96 | 0.96 | ** | 70.19 | 30.30 |
| 1985 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| TOTAL | 16.7 | 59.0 | 130.4 | 72.1 | 49.9 | 121.5 | 87.8 | 24.3 | 10.7 | 11.1 | 9.6 | 9.1 | --- | --- |
| AVE. | 0.8 | 2.8 | 6.2 | 3.3 | 2.3 | 5.5 | 4.0 | 1.1 | 0.5 | 0.5 | 0.4 | 0.4 | 27.9 | --- |

TABLE B-4. SUMMARY OF TOTAL RUNOFF (2/4)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|-------|-------|-------|-------|------|------|------|------|------|------|--------------|---------------|
| 1963 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1964 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1965 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1966 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1967 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1968 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1969 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1970 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1971 | 0.24 | 0.51 | 23.50 | 0.34 | 0.33 | 0.25 | 0.24 | 0.21 | 0.28 | ** | ** | ** | 26.00 | 15.64 |
| 1972 | 0.11 | 0.20 | 0.24 | 0.34 | 0.30 | 0.36 | 0.34 | 0.31 | 0.27 | 0.14 | ** | ** | 2.63 | 0.01 |
| 1973 | 0.75 | 2.45 | 1.01 | 11.65 | 4.37 | 0.81 | 0.15 | 0.15 | 0.10 | 0.14 | 0.14 | 2.69 | 24.39 | 3.21 |
| 1974 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1975 | 0.08 | 0.11 | 0.09 | 0.08 | 0.08 | 7.25 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 8.17 | 5.85 |
| 1976 | ** | ** | ** | ** | ** | 2.66 | 0.27 | ** | ** | ** | ** | ** | 2.92 | 1.22 |
| 1977 | 0.44 | 0.71 | 2.44 | 3.96 | 0.55 | 1.20 | 0.55 | 0.45 | 0.42 | 0.54 | 0.44 | 0.28 | 11.97 | 3.02 |
| 1978 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 1.54 | 0.91 |
| 1979 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1980 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 42.00 | 14.62 |
| 1981 | ** | ** | ** | ** | ** | 0.54 | 4.03 | 2.55 | 0.29 | 0.29 | 0.29 | 0.29 | 9.00 | 3.55 |
| 1982 | 0.54 | 1.51 | 0.54 | 3.76 | 6.57 | 23.94 | 0.29 | 0.29 | 0.29 | 0.15 | 0.29 | 0.29 | 38.45 | 13.18 |
| 1983 | 0.38 | 0.44 | 0.46 | 0.46 | 0.44 | 2.28 | 0.40 | 0.40 | 0.39 | 0.29 | 0.29 | 0.29 | 6.51 | 1.07 |
| 1984 | 1.76 | 3.88 | 3.51 | 0.46 | 10.91 | 2.39 | 0.43 | ** | ** | ** | ** | ** | 23.33 | 5.94 |
| 1985 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| TOTAL | 4.3 | 9.8 | 31.8 | 21.0 | 23.5 | 41.7 | 6.8 | 4.4 | 2.1 | 1.6 | 1.5 | 3.9 | --- | --- |
| AVE. | 0.5 | 1.2 | 4.0 | 2.6 | 2.9 | 4.2 | 0.7 | 0.6 | 0.3 | 0.2 | 0.3 | 0.6 | 18.1 | --- |

(UNIT : MCM)

* STATION ----- WADI WALA AT D/S

* DISTRICT ----- W.MUJIB

* CODE NO. ----- 23530414

TABLE B-4. SUMMARY OF TOTAL RUNOFF (3/4)

* STATION ----- WADI SIWAGA
 * DISTRICT ----- W. MUJIB

* CODE NO. ----- 23530409

(UNIT : MCM)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|------|------|------|------|-------|------|------|-----|-----|-----|--------------|---------------|
| 1963 | 0. | 0. | 0.22 | 0.52 | 0. | 0.00 | 0. | 0. | 0. | 0. | 0. | 0. | 0.73 | 0.35 |
| 1964 | 0. | 0. | 0. | 7.27 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 7.27 | 4.39 |
| 1965 | 0.13 | 0. | 0. | 0. | 0.52 | 0.04 | 0. | 0. | 0. | 0. | 0. | 0. | 0.69 | 0.51 |
| 1966 | 1.79 | 0.79 | 0.24 | 0. | 0. | 0.02 | 0. | 1.63 | 0. | 0. | 0. | 0. | 4.45 | 1.54 |
| 1967 | 1.73 | 0. | 0. | 0. | 0. | 0. | 0. | 1.50 | 0. | 0. | 0. | 0. | 3.23 | 1.56 |
| 1968 | 0.17 | 0.12 | 0.15 | 0. | 0. | 1.55 | 0.00 | 0. | 0. | 0. | 0. | 0. | 2.00 | 0.65 |
| 1969 | 1.35 | 0. | 0. | 0. | 0. | 0.26 | 0. | 0. | 0. | 0. | 0. | 0. | 1.61 | 0.89 |
| 1970 | 0. | 0. | 0. | 0.67 | 0. | 0.03 | 3.30 | 0. | 0. | 0. | 0. | 0. | 4.00 | 2.43 |
| 1971 | 0. | 0.04 | 3.29 | 0. | 0. | 0. | 0. | 0.09 | 0. | 0. | 0. | 0. | 3.42 | 1.97 |
| 1972 | 0. | 0.05 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.05 | 0.02 |
| 1973 | 0. | 0.04 | 0. | 3.51 | 0.16 | 0.09 | 0. | 0. | 0. | 0. | 0. | 0. | 3.80 | 1.30 |
| 1974 | 0. | 0. | 0. | 0. | 1.23 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.23 | 0.85 |
| 1975 | 0. | 0. | 0. | 0. | 0. | 1.75 | 0. | 0. | 0. | 0. | 0. | 0. | 1.75 | 1.51 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1977 | 0. | 0. | 0. | 0.82 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.82 | 0.82 |
| 1978 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1979 | 0. | 1.09 | 0.97 | 0. | 7.69 | 0.84 | 0. | 0. | 0. | 0. | 0. | 0. | 10.60 | 7.67 |
| 1980 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0.84 | 0.79 |
| 1981 | 0. | 0.00 | 0.84 | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0.85 | 0.79 |
| 1982 | ** | ** | ** | 0.17 | 0. | 0. | 35.18 | 0.37 | 0. | 0. | 0. | 0. | 35.72 | 34.99 |
| 1983 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1984 | 0. | 3.01 | 0.07 | 0. | 0.00 | 1.16 | 0. | 0. | 0. | 0. | ** | 0. | 4.24 | 2.72 |
| 1985 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| TOTAL | 5.2 | 5.1 | 5.8 | 13.0 | 9.6 | 5.7 | 38.5 | 3.6 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 0.3 | 0.3 | 0.3 | 0.7 | 0.5 | 0.3 | 2.0 | 0.2 | 0. | 0. | 0. | 0. | 4.6 | --- |

TABLE.B-4. SUMMARY OF TOTAL RUNOFF (4/4)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|-------|-------|-------|-------|--------|------|------|------|------|------|--------------|---------------|
| 1963 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1964 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1965 | ** | ** | ** | 0.65 | 0.74 | 2.36 | 0.48 | 0.39 | 0.26 | 0.22 | 0.21 | 0.31 | 5.61 | 0.90 |
| 1966 | 8.05 | 13.54 | 5.38 | 2.10 | 0.74 | 6.40 | 6.78 | 0.37 | 0.36 | 0.34 | 0.29 | 0.29 | 44.64 | 7.25 |
| 1967 | 0.46 | 6.89 | 1.26 | 3.08 | 1.52 | 0.82 | 0.60 | 2.18 | 0.27 | 0.20 | 0.08 | 0.05 | 17.40 | 2.28 |
| 1968 | 0.41 | 1.78 | 1.71 | 0.86 | 0.50 | 13.89 | 0.67 | ** | ** | ** | ** | ** | 19.95 | 6.21 |
| 1969 | 1.35 | 0.28 | 0.46 | 0.55 | 0.37 | 8.21 | 0.38 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 11.74 | 2.55 |
| 1970 | 0.19 | 0.21 | 0.64 | 11.45 | 0.47 | 1.07 | 127.22 | 1.20 | 0.13 | 0.13 | 0.13 | 0.13 | 142.99 | 88.99 |
| 1971 | 0.03 | 0.35 | ** | 5.30 | 8.17 | 3.82 | 0.86 | 1.10 | 0.03 | 0.03 | 0.03 | 0.03 | 35.37 | 5.81 |
| 1972 | 0.03 | 0.91 | 5.84 | 3.95 | 0.35 | 0.37 | 0.41 | 0.27 | 0.12 | 0.11 | 0.11 | 0.10 | 12.57 | 0.94 |
| 1973 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1974 | ** | 1.36 | 0.51 | 0.58 | 21.42 | ** | ** | ** | ** | ** | ** | ** | 24.14 | 11.84 |
| 1975 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1976 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| 1977 | 0.24 | 0.26 | 0.68 | 8.83 | 0.35 | 0.71 | 0.45 | 0.39 | 0.33 | 0.27 | 0.22 | 0.22 | 12.95 | 8.36 |
| 1978 | 0.24 | 0.27 | 0.37 | 0.94 | 0.51 | 0.83 | 0.47 | 0.30 | 0.10 | ** | ** | ** | 4.04 | 0.30 |
| 1979 | 0.73 | 0.71 | 17.18 | ** | ** | ** | ** | ** | ** | ** | ** | 0.71 | 19.32 | 6.72 |
| 1980 | 0. | 0.01 | 17.02 | 0.41 | 0.42 | 1.70 | 0.15 | 0.10 | 0.02 | 0.02 | 0.00 | ** | 19.86 | 6.73 |
| 1981 | 0.00 | 0.01 | 0.02 | 0.71 | 0.65 | 0.11 | 18.23 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 19.80 | 14.19 |
| 1982 | 0.01 | 0.22 | 0.56 | 1.20 | 0.97 | 0.60 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 3.61 | 0.29 |
| 1983 | 0.14 | 0.13 | 0.43 | 0.43 | 0.68 | 1.20 | 0.96 | 0.62 | 0.45 | 0.34 | ** | 0.16 | 5.74 | 0.04 |
| 1984 | 0.14 | 0.82 | 2.27 | 1.44 | 2.68 | 2.14 | 1.44 | 1.31 | ** | ** | ** | 0.13 | 12.38 | 0.49 |
| 1985 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | 0. | 0. |
| TOTAL | 12.0 | 27.7 | 54.3 | 42.5 | 40.5 | 44.2 | 159.1 | 8.3 | 2.1 | 1.7 | 1.1 | 2.2 | -- | -- |
| AVE. | 0.8 | 1.7 | 3.6 | 2.7 | 2.5 | 2.9 | 10.6 | 0.6 | 0.3 | 0.1 | 0.1 | 0.2 | 26.1 | -- |

* STATION ----- WADI EL MUJIB
 * DISTRICT ----- W.MUJIB

* CODE NO. ----- 23530401

(UNIT :MCM)

Table.B-5. AREA-RAINFALL STATION ALLOCATION (1/2)

| Sub-basin | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 19 | 20 | 22 | 17 | 23 | 24 | 25 | 27 | 28 | 30 | 31 | Area (Km ²) | |
|-------------------|------|------|------|------|------|------|------|----|----|------|------|------|------|----|----|----|----|------|----|----|----|----|----|----|----|-------------------------|-----|
| <u>Wala Basin</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A(1) | 71 | 55 | 337 | 172 | 77 | 419 | 113 | | | | | | | | | | | | | | | | | | | | 490 |
| | 0.06 | 0.04 | 0.27 | 0.14 | 0.06 | 0.34 | 0.09 | | | | | | | | | | | | | | | | | | | | |
| A(2) | | | | | | 17 | | | | | 509 | | 243 | | | | | 94 | | | | | | | | | 340 |
| | | | | | | 0.02 | | | | | 0.59 | | 0.28 | | | | | 0.11 | | | | | | | | | |
| A(3) | | | | | 220 | 264 | | | | | | | | | | | | | | | | | | | | | 140 |
| | | | | | 0.45 | 0.55 | | | | | | | | | | | | | | | | | | | | | |
| A(4) | | | | | | | | | | | 310 | | 109 | | | | | 91 | | | | | | | | | 240 |
| | | | | | | | | | | | 0.61 | | 0.21 | | | | | 0.18 | | | | | | | | | |
| A(5) | | | | | | | | | | 112 | 53 | | 438 | | | | | | | | | | | | | | 240 |
| | | | | | | | | | | 0.19 | 0.09 | | 0.73 | | | | | | | | | | | | | | |
| A(6) | | | | | | 68 | | | | 11 | 149 | 188 | | | | | | | | | | | | | | | 170 |
| | | | | | | 0.16 | | | | 0.03 | 0.36 | 0.45 | | | | | | | | | | | | | | | |
| A(7) | | | | | 60 | | | | | 127 | 181 | 8 | | | | | | | | | | | | | | | 150 |
| | | | | | 0.16 | | | | | 0.34 | 0.48 | 0.02 | | | | | | | | | | | | | | | |
| A(8) | | | | | | | | | | 35 | 20 | 36 | | | | | | | | | | | | | | | 30 |
| | | | | | | | | | | 0.39 | 0.22 | 0.40 | | | | | | | | | | | | | | | |
| A(9) | | | | | | | | | | 240 | 179 | 142 | 16 | | | | | | | | | | | | | | 230 |
| | | | | | | | | | | 0.42 | 0.31 | 0.25 | 0.03 | | | | | | | | | | | | | | |

1) Sub-basin No. : see Fig.18

2) Rainfall station No.:

- 2. Na'ur
- 3. Abu Aland
- 4. Yaduda
- 5. Sha'ab
- 6. Madaba
- 7. Jiza
- 8. El Muwaqqa
- 10. Judayda
- 11. Wadi Wala
- 12. Um El Risas
- 13. Dhaba
- 14. Dhiban
- 15. Wadi el Mujib
- 16. Khan Ez Zabib
- 17. Abu Hailufa *
- 19. Siwaqa
- 20. Ja'da
- 22. Hemud
- 23. Qatrana
- 24. Jinz **
- 25. Karak
- 27. Mazar
- 28. Muhai P.P
- 30. Hasa P.P
- 31. Bayir

* Rain at (17)=Rain at (23)*0.77
 ** Rain at (24)=Rain at (23)*0.67

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (1/21)

| * STATION ----- | * CODE NO. ----- 00000001 | | | | | | | | | | | | (UNIT : MCM) | |
|------------------|---------------------------|-------|-------|-------|-------|-------|-------|-----|------|-----|-----|-----|----------------|---------------|
| * DISTRICT ----- | | | | | | | | | | | | | | |
| | ZEINAB | | | | | | | | | | | | | |
| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
| 1960 | 0. | 0.78 | 0.10 | 4.89 | 3.96 | 0.26 | 1.62 | 0. | 0. | 0. | 0. | 0. | 11.60 | 4.07 |
| 1961 | 0. | 0. | 9.25 | 0.03 | 6.99 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 16.27 | 4.48 |
| 1962 | 0. | 0. | 0. | 0. | 2.76 | 0.77 | 0. | 0. | 0. | 0. | 0. | 0. | 3.53 | 2.18 |
| 1963 | 0. | 0. | 9.84 | 5.71 | 1.45 | 0.69 | 0. | 0. | 0. | 0. | 0. | 0. | 17.69 | 4.46 |
| 1964 | 0. | 0.69 | 0.59 | 11.43 | 0. | 0.52 | 4.19 | 0. | 0. | 0. | 0. | 0. | 17.42 | 3.37 |
| 1965 | 0.02 | 0. | 0. | 0. | 0.17 | 8.79 | 0. | 0. | 0. | 0. | 0. | 0. | 8.98 | 4.08 |
| 1966 | 0.87 | 0. | 9.33 | 14.84 | 0.37 | 15.10 | 0. | 0. | 0. | 0. | 0. | 0. | 40.52 | 5.87 |
| 1967 | 0. | 1.41 | 0.92 | 3.22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 5.55 | 1.71 |
| 1968 | 0. | 0.26 | 1.71 | 3.68 | 1.06 | 13.80 | 0.54 | 0. | 0. | 0. | 0. | 0. | 21.06 | 3.06 |
| 1969 | 0. | 0. | 0. | 2.32 | 0.16 | 3.60 | 0. | 0. | 0. | 0. | 0. | 0. | 6.07 | 2.37 |
| 1970 | 0. | 0. | 0. | 0. | 0.22 | 2.15 | 25.66 | 0. | 0. | 0. | 0. | 0. | 28.03 | 7.46 |
| 1971 | 0. | 0.29 | 5.51 | 0.12 | 0.77 | 1.57 | 0. | 0. | 0. | 0. | 0. | 0. | 8.26 | 2.49 |
| 1972 | 0. | 0.23 | 0. | 4.56 | 0.42 | 0.22 | 0. | 0. | 0. | 0. | 0. | 0. | 5.43 | 1.95 |
| 1973 | 0. | 1.28 | 0.26 | 20.67 | 2.30 | 0.20 | 0.05 | 0. | 0. | 0. | 0. | 0. | 24.75 | 6.40 |
| 1974 | 0. | 0.97 | 0. | 0. | 6.15 | 1.76 | 0. | 0. | 0. | 0. | 0. | 0. | 8.88 | 2.76 |
| 1975 | 0. | 0.66 | 0. | 0.22 | 0.62 | 3.04 | 0. | 0. | 0. | 0. | 0. | 0. | 4.54 | 1.49 |
| 1976 | 0. | 0. | 0. | 0.78 | 0.76 | 0.67 | 0.75 | 0. | 0. | 0. | 0. | 0. | 2.95 | 0.76 |
| 1977 | 0. | 0. | 2.40 | 1.34 | 0. | 3.22 | 0. | 0. | 0. | 0. | 0. | 0. | 6.96 | 1.36 |
| 1978 | 0. | 0. | 1.68 | 1.00 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.69 | 0.88 |
| 1979 | 0. | 5.72 | 3.02 | 0.92 | 0.13 | 1.87 | 0. | 0. | 0. | 0. | 0. | 0. | 11.66 | 4.22 |
| 1980 | 0. | 0. | 8.32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 8.32 | 3.15 |
| 1981 | 0. | 0. | 0. | 0.86 | 0.18 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.05 | 0.86 |
| 1982 | 0. | 0. | 0. | 1.30 | 3.52 | 5.76 | 0. | 0. | 0. | 0. | 0. | 0. | 10.58 | 2.07 |
| 1983 | 0. | 1.07 | 0. | 1.27 | 0.98 | 1.49 | 0. | 0. | 0. | 0. | 0. | 0. | 4.80 | 1.24 |
| 1984 | 0. | 0. | 1.99 | 0. | 7.40 | 3.57 | 0. | 0. | 0. | 0. | 0. | 0. | 12.95 | 3.41 |
| 1985 | 0. | 0. | 0.37 | 0. | 1.17 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.54 | 0.78 |
| TOTAL | 0.89 | 13.35 | 55.29 | 79.16 | 41.53 | 69.05 | 32.82 | 0. | 0. | 0. | 0. | 0. | 11.23 | -- |
| AVE. | 0.03 | 0.51 | 2.13 | 3.04 | 1.60 | 2.66 | 1.26 | 0. | 0. | 0. | 0. | 0. | 11.23 | -- |

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (2/21)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|-------|-------|-------|------|------|-----|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0. | 0. | 1.15 | 2.27 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.42 | 1.51 |
| 1961 | 0. | 0. | 1.78 | 0. | 0.74 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.52 | 1.76 |
| 1962 | 0. | 0. | 0. | 0. | 0.94 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.94 | 0.56 |
| 1963 | 0. | 0. | 2.95 | 0.46 | 0.08 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.49 | 1.24 |
| 1964 | 0. | 0. | 0.26 | 4.99 | 0. | 0.02 | 0. | 0. | 0. | 0. | 0. | 0. | 5.26 | 2.05 |
| 1965 | 0.49 | 0. | 0. | 0. | 0. | 0.61 | 0. | 0. | 0. | 0. | 0. | 0. | 1.11 | 0.59 |
| 1966 | 0. | 0.51 | 0.60 | 0.03 | 0. | 1.57 | 0. | 0. | 0. | 0. | 0. | 0. | 2.70 | 1.52 |
| 1967 | 0. | 0.09 | 0. | 2.89 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.97 | 1.25 |
| 1968 | 0. | 0. | 0.14 | 0. | 0. | 3.06 | 0.05 | 0. | 0. | 0. | 0. | 0. | 3.25 | 1.38 |
| 1969 | 0. | 0. | 0. | 0. | 0. | 0.47 | 0. | 0. | 0. | 0. | 0. | 0. | 0.47 | 0.21 |
| 1970 | 0. | 0. | 0. | 0. | 0. | 0.10 | 2.55 | 0. | 0. | 0. | 0. | 0. | 2.64 | 1.48 |
| 1971 | 0. | 0.02 | 3.52 | 0. | 0.22 | 0.53 | 0. | 0. | 0. | 0. | 0. | 0. | 4.29 | 2.16 |
| 1972 | 0. | 0. | 0. | 0.73 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.73 | 0.37 |
| 1973 | 0. | 0. | 0. | 5.04 | 0.14 | 0.15 | 0. | 0. | 0. | 0. | 0. | 0. | 5.32 | 1.89 |
| 1974 | 0. | 0.60 | 0.20 | 0. | 2.59 | 0.02 | 0. | 0. | 0. | 0. | 0. | 0. | 3.40 | 1.54 |
| 1975 | 0. | 0. | 0. | 0. | 0. | 1.27 | 0. | 0. | 0. | 0. | 0. | 0. | 1.27 | 1.27 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0.54 | 0. | 0. | 0. | 0. | 0. | 0.54 | 0.54 |
| 1977 | 0. | 0. | 0.07 | 0.33 | 0. | 0.13 | 0. | 0. | 0. | 0. | 0. | 0. | 0.53 | 0.31 |
| 1978 | 0. | 0. | 0. | 0.29 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.29 | 0.29 |
| 1979 | 0. | 1.44 | 0.38 | 0.22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.04 | 1.44 |
| 1980 | 0. | 0. | 3.95 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.95 | 1.94 |
| 1981 | 0. | 0. | 0. | 0. | 1.32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.32 | 1.32 |
| 1982 | 0. | 0.10 | 0. | 0.34 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.43 | 0.22 |
| 1983 | 0. | 0. | 0. | 0. | 0. | 0.11 | 0. | 0. | 0. | 0. | 0. | 0. | 0.11 | 0.11 |
| 1984 | 0. | 0. | 0.39 | 0. | 1.69 | 0. | 0.81 | 0. | 0. | 0. | 0. | 0. | 2.89 | 1.42 |
| 1985 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| TOTAL | 0.49 | 2.75 | 14.23 | 16.44 | 10.01 | 8.03 | 3.95 | 0. | 0. | 0. | 0. | 0. | 2.15 | -- |
| AVE. | 0.02 | 0.11 | 0.55 | 0.63 | 0.38 | 0.31 | 0.15 | 0. | 0. | 0. | 0. | 0. | 0.15 | -- |

* STATION ----- HAMMAM
 * DISTRICT -----
 * CODE NO. ----- 00000002
 (UNIT :MCM)

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (3/21)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|-----|------|------|-------|------|------|------|------|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0. | 0.03 | 1.28 | 0.74 | 0. | 0.34 | 0. | 0. | 0. | 0. | 0. | 2.32 | 1.11 |
| 1961 | 0. | 0. | 2.06 | 0. | 1.04 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.10 | 1.21 |
| 1962 | 0. | 0. | 0. | 0. | 0.20 | 0. | 0. | 0.02 | 0. | 0. | 0. | 0. | 0.22 | 0.11 |
| 1963 | 0. | 0. | 1.74 | 1.24 | 0.10 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.06 | 1.01 |
| 1964 | 0. | 0. | 0.08 | 1.40 | 0. | 0. | 0.64 | 0. | 0. | 0. | 0. | 0. | 2.12 | 0.65 |
| 1965 | 0. | 0. | 0. | 0. | 0. | 2.05 | 0. | 0. | 0. | 0. | 0. | 0. | 2.05 | 0.81 |
| 1966 | 0. | 0.04 | 1.20 | 0.97 | 0. | 1.11 | 0. | 0. | 0. | 0. | 0. | 0. | 3.33 | 0.79 |
| 1967 | 0. | 0.19 | 0.09 | 0.16 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.44 | 0.19 |
| 1968 | 0. | 0. | 0.14 | 0.27 | 0.01 | 1.37 | 0.26 | 0. | 0. | 0. | 0. | 0. | 2.05 | 0.63 |
| 1969 | 0. | 0. | 0. | 0.07 | 0.13 | 0.31 | 0. | 0. | 0. | 0. | 0. | 0. | 0.51 | 0.19 |
| 1970 | 0. | 0. | 0. | 0.03 | 0. | 0.38 | 3.71 | 0. | 0. | 0. | 0. | 0. | 4.11 | 1.53 |
| 1971 | 0. | 0.03 | 1.42 | 0. | 0. | 0.02 | 0. | 0. | 0. | 0. | 0. | 0. | 1.46 | 1.31 |
| 1972 | 0. | 0.14 | 0. | 0.22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.36 | 0.14 |
| 1973 | 0. | 0.02 | 0.03 | 3.25 | 0.16 | 0.03 | 0. | 0. | 0. | 0. | 0. | 0. | 3.47 | 1.18 |
| 1974 | 0. | 0.17 | 0. | 0. | 0.83 | 0.34 | 0. | 0. | 0. | 0. | 0. | 0. | 1.34 | 0.34 |
| 1975 | 0. | 0.08 | 0.10 | 0.08 | 0.19 | 0.43 | 0. | 0. | 0. | 0. | 0. | 0. | 0.87 | 0.22 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1977 | 0. | 0. | 0.28 | 0.39 | 0. | 0.25 | 0. | 0. | 0. | 0. | 0. | 0. | 0.92 | 0.39 |
| 1978 | 0. | 0. | 0.33 | 0.11 | 0. | 0.14 | 0. | 0. | 0. | 0. | 0. | 0. | 0.58 | 0.33 |
| 1979 | 0. | 1.38 | 0.71 | 0.85 | 0.15 | 0.48 | 0. | 0. | 0. | 0. | 0. | 0. | 3.56 | 1.24 |
| 1980 | 0. | 0. | 1.77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.77 | 0.65 |
| 1981 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1982 | 0. | 0. | 0. | 0.06 | 0.25 | 0.48 | 0. | 0. | 0. | 0. | 0. | 0. | 0.79 | 0.48 |
| 1983 | 0. | 0. | 0. | 0. | 0.10 | 0.24 | 0. | 0. | 0. | 0. | 0. | 0. | 0.35 | 0.24 |
| 1984 | 0. | 0. | 0.03 | 0. | 0.45 | 0.37 | 0.09 | 0. | 0. | 0. | 0. | 0. | 0.93 | 0.37 |
| 1985 | 0. | 0. | 0. | 0. | 0.15 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.15 | 0.15 |
| TOTAL | 0. | 2.05 | 9.95 | 10.38 | 4.46 | 8.00 | 5.00 | 0.02 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0. | 0.08 | 0.38 | 0.40 | 0.17 | 0.31 | 0.19 | 0.00 | 0. | 0. | 0. | 0. | 1.53 | -- |

* STATION ----- SADIR
 * DISTRICT -----

* CODE NO. ----- 00000003

(UNIT :MCM)

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (4/21)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|-------|-------|-------|-------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 0. | 0.03 | 3.20 | 4.57 | 0. | 0.34 | 0. | 0. | 0. | 0. | 0. | 8.10 | 2.62 |
| 1961 | 0. | 0. | 5.06 | 0. | 2.31 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 7.37 | 3.68 |
| 1962 | 0. | 0. | 0. | 0. | 1.75 | 0. | 0. | 0.02 | 0. | 0. | 0. | 0. | 1.77 | 1.03 |
| 1963 | 0. | 0. | 6.58 | 2.00 | 0.22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 8.79 | 2.70 |
| 1964 | 0. | 0. | 0.45 | 10.00 | 0. | 0.02 | 0.64 | 0. | 0. | 0. | 0. | 0. | 11.10 | 4.00 |
| 1965 | 0.85 | 0. | 0. | 0. | 0. | 3.02 | 0. | 0. | 0. | 0. | 0. | 0. | 3.87 | 1.75 |
| 1966 | 0. | 0.85 | 2.10 | 0.99 | 0. | 3.74 | 0. | 0. | 0. | 0. | 0. | 0. | 7.68 | 2.57 |
| 1967 | 0. | 0.28 | 0.09 | 4.94 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 5.30 | 2.19 |
| 1968 | 0. | 0. | 0.30 | 0.27 | 0.01 | 6.45 | 0.36 | 0. | 0. | 0. | 0. | 0. | 7.40 | 2.95 |
| 1969 | 0. | 0. | 0. | 0.07 | 0.13 | 1.14 | 0. | 0. | 0. | 0. | 0. | 0. | 1.34 | 0.46 |
| 1970 | 0. | 0. | 0. | 0.09 | 0. | 0.50 | 8.04 | 0. | 0. | 0. | 0. | 0. | 8.62 | 4.06 |
| 1971 | 0. | 0.04 | 7.35 | 0. | 0.43 | 0.85 | 0. | 0. | 0. | 0. | 0. | 0. | 8.67 | 4.95 |
| 1972 | 0. | 0.14 | 0. | 1.36 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.49 | 0.62 |
| 1973 | 0. | 0.02 | 0.03 | 11.59 | 0.39 | 0.17 | 0. | 0. | 0. | 0. | 0. | 0. | 12.19 | 4.41 |
| 1974 | 0. | 1.16 | 0.38 | 0. | 5.27 | 0.35 | 0. | 0. | 0. | 0. | 0. | 0. | 7.16 | 2.99 |
| 1975 | 0. | 0.08 | 0.10 | 0.08 | 0.19 | 2.60 | 0. | 0. | 0. | 0. | 0. | 0. | 3.04 | 2.39 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0.88 | 0. | 0. | 0. | 0. | 0. | 0.88 | 0.88 |
| 1977 | 0. | 0. | 0.44 | 0.89 | 0. | 0.44 | 0. | 0. | 0. | 0. | 0. | 0. | 1.77 | 0.86 |
| 1978 | 0. | 0. | 0.33 | 0.60 | 0. | 0.14 | 0. | 0. | 0. | 0. | 0. | 0. | 1.07 | 0.60 |
| 1979 | 0. | 3.84 | 1.37 | 1.21 | 0.15 | 0.48 | 0. | 0. | 0. | 0. | 0. | 0. | 7.04 | 3.69 |
| 1980 | 0. | 0. | 8.31 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 8.31 | 3.79 |
| 1981 | 0. | 0. | 0. | 0. | 2.31 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.31 | 2.31 |
| 1982 | 0. | 0.16 | 0. | 0.66 | 0.25 | 0.48 | 0. | 0. | 0. | 0. | 0. | 0. | 1.55 | 0.46 |
| 1983 | 0. | 0. | 0. | 0. | 0.10 | 0.38 | 0. | 0. | 0. | 0. | 0. | 0. | 0.48 | 0.36 |
| 1984 | 0. | 0. | 0.66 | 0. | 3.27 | 0.37 | 1.49 | 0. | 0. | 0. | 0. | 0. | 5.78 | 2.54 |
| 1985 | 0. | 0. | 0. | 0. | 0.15 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.15 | 0.15 |
| TOTAL | 0.85 | 6.55 | 33.57 | 37.93 | 21.49 | 21.14 | 11.72 | 0.02 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.03 | 0.25 | 1.29 | 1.46 | 0.83 | 0.81 | 0.45 | 0.00 | 0. | 0. | 0. | 0. | 5.13 | -- |

* STATION ----- HALQ * CODE NO. ----- 00000004 (UNIT : MCM)
 * DISTRICT -----

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (5/21)

* STATION ----- SHABIK (UNIT : MCM)
 * DISTRICT ----- * CODE NO. ----- 00000005

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|-----|------|-------|-------|------|------|------|-----|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0. | 0. | 0.39 | 0.48 | 0. | 0.02 | 0. | 0. | 0. | 0. | 0. | 0.89 | 0.48 |
| 1961 | 0. | 0. | 0.71 | 0. | 0.05 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.76 | 0.54 |
| 1962 | 0. | 0. | 0. | 0. | 0.64 | 0. | 0.02 | 0. | 0. | 0. | 0. | 0. | 0.66 | 0.35 |
| 1963 | 0. | 0. | 1.94 | 0.22 | 0.03 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.19 | 0.87 |
| 1964 | 0. | 0. | 1.29 | 2.05 | 0. | 0.01 | 0.23 | 0. | 0. | 0. | 0. | 0. | 3.58 | 0.92 |
| 1965 | 0. | 0. | 0. | 0. | 0. | 0.33 | 0. | 0. | 0. | 0. | 0. | 0. | 0.33 | 0.33 |
| 1966 | 0. | 0.40 | 0.68 | 0.60 | 0. | 1.38 | 0. | 0. | 0. | 0. | 0. | 0. | 3.07 | 0.96 |
| 1967 | 0. | 0.49 | 0. | 2.94 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.43 | 0.89 |
| 1968 | 0. | 0. | 0.50 | 0.06 | 0. | 2.13 | 0.07 | 0. | 0. | 0. | 0. | 0. | 2.76 | 0.77 |
| 1969 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1970 | 0. | 0. | 0. | 0.34 | 0. | 0.06 | 1.79 | 0. | 0. | 0. | 0. | 0. | 2.19 | 1.05 |
| 1971 | 0. | 0. | 2.98 | 0. | 0.51 | 1.15 | 0. | 0. | 0. | 0. | 0. | 0. | 4.64 | 2.25 |
| 1972 | 0. | 0. | 0. | 0.56 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.56 | 0.29 |
| 1973 | 0. | 0. | 0. | 4.36 | 0. | 1.05 | 0. | 0. | 0. | 0. | 0. | 0. | 5.42 | 1.46 |
| 1974 | 0. | 0.36 | 0. | 0. | 2.29 | 0.03 | 0. | 0. | 0. | 0. | 0. | 0. | 2.68 | 1.05 |
| 1975 | 0. | 0. | 0. | 0. | 0.01 | 0.99 | 0. | 0. | 0. | 0. | 0. | 0. | 1.00 | 0.99 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0.36 | 0. | 0. | 0. | 0. | 0. | 0.36 | 0.36 |
| 1977 | 0. | 0. | 0.48 | 1.05 | 0. | 0.30 | 0. | 0. | 0. | 0. | 0. | 0. | 1.64 | 0.89 |
| 1978 | 0. | 0. | 0.03 | 0.23 | 0. | 0.12 | 0. | 0. | 0. | 0. | 0. | 0. | 0.38 | 0.23 |
| 1979 | 0. | 0.12 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.12 | 0.08 |
| 1980 | 0. | 0. | 3.66 | 0.06 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.72 | 1.55 |
| 1981 | 0. | 0. | 0. | 0. | 0.01 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.01 | 0.01 |
| 1982 | 0. | 0. | 0. | 0. | 0. | 0.10 | 0. | 0. | 0. | 0. | 0. | 0. | 0.10 | 0.10 |
| 1983 | 0. | 0. | 0. | 0. | 0. | 1.00 | 0. | 0. | 0. | 0. | 0. | 0. | 1.00 | 0.51 |
| 1984 | 0. | 0. | 0.34 | 0. | 0.96 | 0. | 0.23 | 0. | 0. | 0. | 0. | 0. | 1.53 | 0.86 |
| 1985 | 0. | 0. | 0. | 0. | 0.02 | 0. | 0.17 | 0. | 0. | 0. | 0. | 0. | 0.19 | 0.17 |
| TOTAL | 0. | 1.37 | 12.61 | 12.87 | 4.99 | 8.65 | 2.89 | 0. | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 0. | 0.05 | 0.49 | 0.50 | 0.19 | 0.33 | 0.11 | 0. | 0. | 0. | 0. | 0. | 1.67 | --- |

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (6/21)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|--------|--------|-------|--------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 0.75 | 0.11 | 9.04 | 9.76 | 0.25 | 1.89 | 0. | 0. | 0. | 0. | 0. | 21.81 | 7.32 |
| 1961 | 0. | 0. | 15.62 | 0.03 | 9.88 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 25.52 | 8.68 |
| 1962 | 0. | 0. | 0. | 0. | 5.78 | 0.75 | 0.02 | 0.02 | 0. | 0. | 0. | 0. | 6.57 | 3.92 |
| 1963 | 0. | 0. | 19.23 | 8.33 | 1.70 | 0.67 | 0. | 0. | 0. | 0. | 0. | 0. | 29.94 | 7.47 |
| 1964 | 0. | 0.68 | 2.26 | 25.21 | 0. | 0.52 | 5.21 | 0. | 0. | 0. | 0. | 0. | 33.89 | 8.66 |
| 1965 | 0.96 | 0. | 0. | 0. | 0.17 | 12.59 | 0. | 0. | 0. | 0. | 0. | 0. | 13.72 | 4.87 |
| 1966 | 0.85 | 1.22 | 12.70 | 16.46 | 0.36 | 20.65 | 0. | 0. | 0. | 0. | 0. | 0. | 52.24 | 8.04 |
| 1967 | 0. | 2.13 | 0.98 | 12.22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 15.32 | 4.22 |
| 1968 | 0. | 0.25 | 2.50 | 4.16 | 1.04 | 23.09 | 0.93 | 0. | 0. | 0. | 0. | 0. | 31.97 | 6.91 |
| 1969 | 0. | 0. | 0. | 2.32 | 0.28 | 4.99 | 0. | 0. | 0. | 0. | 0. | 0. | 7.59 | 2.70 |
| 1970 | 0. | 0. | 0. | 0.40 | 0.22 | 2.70 | 36.98 | 0. | 0. | 0. | 0. | 0. | 40.30 | 13.20 |
| 1971 | 0. | 0.37 | 17.49 | 0.11 | 1.94 | 3.81 | 0. | 0. | 0. | 0. | 0. | 0. | 23.73 | 9.02 |
| 1972 | 0. | 0.36 | 0. | 6.79 | 0.41 | 0.22 | 0. | 0. | 0. | 0. | 0. | 0. | 7.78 | 2.60 |
| 1973 | 0. | 1.26 | 0.28 | 38.53 | 2.83 | 1.37 | 0.05 | 0. | 0. | 0. | 0. | 0. | 44.31 | 13.19 |
| 1974 | 0. | 2.54 | 0.62 | 0. | 14.68 | 2.12 | 0. | 0. | 0. | 0. | 0. | 0. | 19.96 | 7.41 |
| 1975 | 0. | 0.71 | 0.09 | 0.29 | 0.91 | 6.67 | 0. | 0. | 0. | 0. | 0. | 0. | 8.66 | 4.97 |
| 1976 | 0. | 0. | 0. | 0.79 | 0.73 | 0.65 | 2.30 | 0. | 0. | 0. | 0. | 0. | 4.47 | 1.57 |
| 1977 | 0. | 0. | 3.66 | 3.68 | 0.25 | 4.45 | 0. | 0. | 0. | 0. | 0. | 0. | 12.04 | 3.46 |
| 1978 | 0. | 0. | 1.97 | 2.41 | 0. | 0.25 | 0. | 0. | 0. | 0. | 0. | 0. | 4.63 | 2.06 |
| 1979 | 0. | 11.21 | 5.24 | 2.25 | 0.58 | 3.00 | 0. | 0. | 0. | 0. | 0. | 0. | 22.27 | 6.07 |
| 1980 | 0. | 0. | 22.14 | 0.05 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 22.19 | 9.18 |
| 1981 | 0. | 0. | 0. | 0.86 | 2.82 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.67 | 2.51 |
| 1982 | 0. | 0.22 | 0. | 2.05 | 3.64 | 6.14 | 0. | 0. | 0. | 0. | 0. | 0. | 12.04 | 2.47 |
| 1983 | 0. | 1.05 | 0. | 1.24 | 1.05 | 2.76 | 0. | 0. | 0. | 0. | 0. | 0. | 6.09 | 1.31 |
| 1984 | 0. | 0. | 3.24 | 0. | 11.98 | 4.04 | 1.98 | 0. | 0. | 0. | 0. | 0. | 21.24 | 5.80 |
| 1985 | 0. | 0. | 0.36 | 0. | 1.28 | 0. | 0.14 | 0. | 0. | 0. | 0. | 0. | 1.81 | 0.77 |
| TOTAL | 1.81 | 22.74 | 108.49 | 137.19 | 72.27 | 101.69 | 49.52 | 0.02 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.07 | 0.87 | 4.17 | 5.28 | 2.78 | 3.91 | 1.90 | 0.00 | 0. | 0. | 0. | 0. | 18.99 | -- |

* STATION ----- RUMELL
* DISTRICT -----

* CODE NO. ----- 00000006

(UNIT :MCM)

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (7/21)

| STATION | * CODE NO. 00000007 | | | | | | | | | | | | ANNUAL | DAILY | |
|----------|---------------------|-------|--------|--------|-------|--------|-------|------|------|-----|-----|-----|--------|---------|-------|
| DISTRICT | WALA | | | | | | | | | | | | TOTAL | MAXIMUM | |
| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | | | |
| 1960 | 0. | 0.83 | 0.11 | 9.61 | 10.45 | 0.25 | 2.09 | 0. | 0. | 0. | 0. | 0. | 0. | 23.35 | 7.77 |
| 1961 | 0. | 0. | 16.54 | 0.03 | 10.62 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 27.18 | 9.20 |
| 1962 | 0. | 0. | 0. | 0. | 7.17 | 0.74 | 0.02 | 0.02 | 0. | 0. | 0. | 0. | 0. | 7.95 | 4.95 |
| 1963 | 0. | 0. | 21.25 | 8.83 | 1.86 | 0.89 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 32.82 | 8.26 |
| 1964 | 0. | 0.67 | 2.35 | 26.90 | 0. | 0.74 | 5.92 | 0. | 0. | 0. | 0. | 0. | 0. | 36.58 | 9.22 |
| 1965 | 0.95 | 0. | 0. | 0. | 0.16 | 13.17 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 14.28 | 5.02 |
| 1966 | 0.88 | 1.20 | 14.77 | 17.70 | 0.35 | 22.37 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 57.28 | 9.37 |
| 1967 | 0. | 2.26 | 0.99 | 14.77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 18.03 | 6.57 |
| 1968 | 0. | 0.40 | 2.93 | 4.85 | 1.03 | 24.86 | 1.30 | 0. | 0. | 0. | 0. | 0. | 0. | 35.35 | 7.22 |
| 1969 | 0. | 0. | 0. | 2.59 | 0.27 | 5.38 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 8.24 | 2.95 |
| 1970 | 0. | 0. | 0. | 0.40 | 0.21 | 2.83 | 41.68 | 0. | 0. | 0. | 0. | 0. | 0. | 45.11 | 14.45 |
| 1971 | 0. | 0.40 | 20.41 | 0.11 | 2.66 | 4.35 | 0.03 | 0. | 0. | 0. | 0. | 0. | 0. | 27.97 | 9.31 |
| 1972 | 0. | 0.35 | 0. | 7.70 | 0.41 | 0.21 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 8.67 | 3.07 |
| 1973 | 0. | 1.49 | 0.28 | 42.91 | 3.32 | 1.35 | 0.22 | 0. | 0. | 0. | 0. | 0. | 0. | 49.57 | 14.86 |
| 1974 | 0. | 2.51 | 0.78 | 0. | 16.06 | 2.32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 21.67 | 8.26 |
| 1975 | 0. | 0.79 | 0.09 | 0.28 | 1.18 | 6.86 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 9.19 | 5.18 |
| 1976 | 0. | 0. | 0. | 1.04 | 0.73 | 0.64 | 3.34 | 0. | 0. | 0. | 0. | 0. | 0. | 5.74 | 2.12 |
| 1977 | 0. | 0. | 4.44 | 4.79 | 0.66 | 5.57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 15.46 | 4.49 |
| 1978 | 0. | 0. | 2.01 | 3.33 | 0. | 0.26 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 5.60 | 2.64 |
| 1979 | 0. | 14.07 | 7.02 | 2.54 | 1.51 | 6.97 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 32.12 | 7.67 |
| 1980 | 0. | 0. | 26.20 | 0.12 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 26.32 | 10.21 |
| 1981 | 0. | 0. | 0. | 1.45 | 3.84 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 5.30 | 2.48 |
| 1982 | 0. | 0.45 | 0.03 | 2.94 | 3.59 | 5.50 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 13.50 | 2.45 |
| 1983 | 0. | 1.03 | 0. | 1.75 | 1.04 | 2.95 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 6.77 | 1.53 |
| 1984 | 0.11 | 0. | 3.91 | 0. | 12.95 | 4.56 | 1.95 | 0. | 0. | 0. | 0. | 0. | 0. | 23.49 | 6.46 |
| 1985 | 0. | 0. | 0.65 | 0. | 1.26 | 0. | 0.16 | 0. | 0. | 0. | 0. | 0. | 0. | 2.07 | 0.76 |
| TOTAL | 1.94 | 26.45 | 124.75 | 194.63 | 81.33 | 113.77 | 56.71 | 0.02 | 0. | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.07 | 1.02 | 4.80 | 5.95 | 3.13 | 4.38 | 2.18 | 0.00 | 0. | 0. | 0. | 0. | 0. | 21.52 | -- |

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (8/21)

| STATION | * CODE NO. ----- 000000008 | | | | | | | | | | | | ANNUAL | DAILY |
|----------|----------------------------|-------|--------|--------|-------|--------|-------|------|------|-----|-----|-----|---------------|---------|
| DISTRICT | | | | | | | | | | | | | TOTAL | MAXIMUM |
| | | | | | | | | | | | | | (UNIT :MCM) | |
| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | | |
| 1960 | 0. | 0.82 | 0.11 | 9.73 | 10.50 | 0.24 | 2.06 | 0. | 0. | 0. | 0. | 0. | 23.47 | 7.85 |
| 1961 | 0. | 0.01 | 16.53 | 0.03 | 10.64 | 0. | 0.01 | 0. | 0. | 0. | 0. | 0. | 27.22 | 9.18 |
| 1962 | 0. | 0. | 0. | 0. | 7.46 | 0.73 | 0.02 | 0.02 | 0. | 0. | 0. | 0. | 8.23 | 5.20 |
| 1963 | 0. | 0. | 21.59 | 8.77 | 1.91 | 0.91 | 0. | 0. | 0. | 0. | 0. | 0. | 33.18 | 6.36 |
| 1964 | 0. | 0.67 | 2.36 | 27.22 | 0. | 0.79 | 5.99 | 0. | 0. | 0. | 0. | 0. | 37.03 | 9.33 |
| 1965 | 0.94 | 0. | 0. | 0. | 0.16 | 13.07 | 0. | 0. | 0. | 0. | 0. | 0. | 14.18 | 4.98 |
| 1966 | 0.89 | 1.18 | 15.18 | 17.81 | 0.35 | 22.35 | 0. | 0. | 0. | 0. | 0. | 0. | 57.77 | 9.65 |
| 1967 | 0. | 2.29 | 1.01 | 15.29 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 18.59 | 7.14 |
| 1968 | 0. | 0.45 | 2.97 | 4.93 | 1.01 | 25.06 | 1.37 | 0. | 0. | 0. | 0. | 0. | 35.79 | 7.33 |
| 1969 | 0. | 0. | 0. | 2.61 | 0.27 | 5.44 | 0. | 0. | 0. | 0. | 0. | 0. | 8.32 | 3.00 |
| 1970 | 0. | 0. | 0. | 0.39 | 0.21 | 2.84 | 43.17 | 0. | 0. | 0. | 0. | 0. | 46.60 | 14.72 |
| 1971 | 0. | 0.41 | 21.05 | 0.16 | 2.82 | 4.35 | 0.09 | 0. | 0. | 0. | 0. | 0. | 26.86 | 9.27 |
| 1972 | 0. | 0.37 | 0. | 7.91 | 0.40 | 0.21 | 0. | 0. | 0. | 0. | 0. | 0. | 8.89 | 3.15 |
| 1973 | 0. | 1.56 | 0.27 | 44.19 | 3.56 | 1.33 | 0.30 | 0. | 0. | 0. | 0. | 0. | 51.21 | 15.30 |
| 1974 | 0. | 2.47 | 0.83 | 0. | 16.37 | 2.39 | 0. | 0. | 0. | 0. | 0. | 0. | 22.07 | 8.40 |
| 1975 | 0. | 0.78 | 0.09 | 0.28 | 1.24 | 6.84 | 0. | 0. | 0. | 0. | 0. | 0. | 9.22 | 5.18 |
| 1976 | 0. | 0.01 | 0. | 1.15 | 0.72 | 0.64 | 3.57 | 0. | 0. | 0. | 0. | 0. | 6.08 | 2.21 |
| 1977 | 0. | 0.04 | 4.46 | 5.05 | 0.68 | 5.70 | 0.03 | 0. | 0. | 0. | 0. | 0. | 15.97 | 4.75 |
| 1978 | 0. | 0. | 2.01 | 3.58 | 0. | 0.33 | 0. | 0. | 0. | 0. | 0. | 0. | 5.92 | 2.67 |
| 1979 | 0. | 14.57 | 7.42 | 2.64 | 1.58 | 7.91 | 0. | 0. | 0. | 0. | 0. | 0. | 34.13 | 7.99 |
| 1980 | 0. | 0. | 26.52 | 0.15 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 26.66 | 10.22 |
| 1981 | 0. | 0. | 0. | 1.49 | 3.92 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 5.41 | 2.45 |
| 1982 | 0. | 0.62 | 0.03 | 3.21 | 3.58 | 6.58 | 0. | 0. | 0. | 0. | 0. | 0. | 14.02 | 2.41 |
| 1983 | 0. | 1.02 | 0. | 1.81 | 1.05 | 3.06 | 0. | 0. | 0. | 0. | 0. | 0. | 6.93 | 1.57 |
| 1984 | 0.14 | 0. | 3.99 | 0. | 13.12 | 4.66 | 1.98 | 0. | 0. | 0. | 0. | 0. | 23.89 | 6.54 |
| 1985 | 0. | 0. | 0.65 | 0.02 | 1.24 | 0. | 0.15 | 0. | 0. | 0. | 0. | 0. | 2.07 | 0.75 |
| TOTAL | 1.97 | 27.27 | 127.07 | 158.41 | 82.78 | 115.44 | 58.73 | 0.02 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.08 | 1.05 | 4.89 | 6.09 | 3.18 | 4.44 | 2.25 | 0.00 | 0. | 0. | 0. | 0. | 21.99 | -- |

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (9/21)

SIWAQA-N

* CODE NO. 00000010

(UNIT : MCM)

* STATION
* DISTRICT

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|-----|------|------|------|------|------|------|-----|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0. | 0. | 0. | 0.01 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.01 | 0.01 |
| 1961 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1962 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1963 | 0. | 0. | 0.18 | 0.13 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.31 | 0.13 |
| 1964 | 0. | 0. | 0. | 0.60 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.60 | 0.25 |
| 1965 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1966 | 0. | 0. | 0. | 0. | 0. | 0.16 | 0. | 0. | 0. | 0. | 0. | 0. | 0.16 | 0.16 |
| 1967 | 0. | 0. | 0. | 0.35 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.35 | 0.17 |
| 1968 | 0. | 0. | 0. | 0. | 0. | 0.26 | 0. | 0. | 0. | 0. | 0. | 0. | 0.26 | 0.16 |
| 1969 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1970 | 0. | 0. | 0. | 0. | 0. | 0. | 0.44 | 0. | 0. | 0. | 0. | 0. | 0.44 | 0.43 |
| 1971 | 0. | 0. | 0.41 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.41 | 0.41 |
| 1972 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1973 | 0. | 0. | 0. | 0.80 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.80 | 0.48 |
| 1974 | 0. | 0.03 | 0. | 0. | 0.78 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.80 | 0.47 |
| 1975 | 0. | 0. | 0. | 0. | 0. | 0.50 | 0. | 0. | 0. | 0. | 0. | 0. | 0.50 | 0.50 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1977 | 0. | 0. | 0. | 0.16 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.16 | 0.15 |
| 1978 | 0. | 0. | 0. | 0. | 0. | 0.03 | 0. | 0. | 0. | 0. | 0. | 0. | 0.03 | 0.03 |
| 1979 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1980 | 0. | 0. | 0.77 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.77 | 0.41 |
| 1981 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1982 | 0. | 0. | 0. | 0. | 0. | 0.02 | 0. | 0. | 0. | 0. | 0. | 0. | 0.02 | 0.02 |
| 1983 | 0. | 0. | 0. | 0. | 0. | 0.31 | 0. | 0. | 0. | 0. | 0. | 0. | 0.31 | 0.16 |
| 1984 | 0. | 0. | 0. | 0. | 0.11 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1985 | 0. | 0. | 0. | 0. | 0. | 0. | 0.05 | 0. | 0. | 0. | 0. | 0. | 0.11 | 0.08 |
| TOTAL | 0. | 0.03 | 1.36 | 2.05 | 0.90 | 1.28 | 0.47 | 0. | 0. | 0. | 0. | 0. | 0.05 | 0.05 |
| AVE. | 0. | 0.00 | 0.05 | 0.08 | 0.03 | 0.05 | 0.02 | 0. | 0. | 0. | 0. | 0. | 0.23 | 0.08 |

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (10/21)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|------|------|------|------|------|-----|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1961 | 0. | 0. | 0.01 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.01 | 0.01 |
| 1962 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1963 | 0.14 | 0. | 0.31 | 0.53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.98 | 0.53 |
| 1964 | 0. | 0. | 0. | 2.53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.53 | 1.17 |
| 1965 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1966 | 0. | 0. | 0. | 0. | 0. | 0.44 | 0. | 0. | 0. | 0. | 0. | 0. | 0.44 | 0.44 |
| 1967 | 0. | 0. | 0. | 0.99 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.99 | 0.45 |
| 1968 | 0. | 0. | 0. | 0. | 0. | 0.73 | 0. | 0. | 0. | 0. | 0. | 0. | 0.73 | 0.49 |
| 1969 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1970 | 0. | 0. | 0. | 0. | 0. | 0. | 1.73 | 0. | 0. | 0. | 0. | 0. | 1.73 | 1.63 |
| 1971 | 0. | 0. | 1.24 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.24 | 1.06 |
| 1972 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1973 | 0. | 0. | 0. | 2.35 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.35 | 1.65 |
| 1974 | 0. | 0.01 | 0. | 0. | 2.89 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.90 | 1.77 |
| 1975 | 0. | 0. | 0. | 0. | 0. | 1.74 | 0. | 0. | 0. | 0. | 0. | 0. | 1.74 | 1.74 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1977 | 0. | 0. | 0.02 | 0.42 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.44 | 0.41 |
| 1978 | 0. | 0. | 0. | 0. | 0. | 0.08 | 0. | 0. | 0. | 0. | 0. | 0. | 0.08 | 0.08 |
| 1979 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1980 | 0. | 0. | 2.19 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.19 | 1.18 |
| 1981 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1982 | 0. | 0. | 0. | 0. | 0. | 0.02 | 0. | 0. | 0. | 0. | 0. | 0. | 0.02 | 0.02 |
| 1983 | 0. | 0. | 0. | 0. | 0. | 0.66 | 0. | 0. | 0. | 0. | 0. | 0. | 0.66 | 0.46 |
| 1984 | 0. | 0. | 0. | 0. | 0.52 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.52 | 0.52 |
| 1985 | 0. | 0. | 0. | 0. | 0. | 0. | 0.13 | 0. | 0. | 0. | 0. | 0. | 0.13 | 0.13 |
| TOTAL | 0.14 | 0.01 | 3.77 | 6.83 | 3.41 | 3.66 | 1.86 | 0. | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 0.01 | 0.00 | 0.14 | 0.26 | 0.13 | 0.15 | 0.07 | 0. | 0. | 0. | 0. | 0. | 0.76 | --- |

* STATION ----- SIWAQA-S
 * DISTRICT -----
 * CODE NO. ----- 00000011
 (UNIT : MCM)

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (11/21)

* STATION: SIWAQA-C * CODE NO. 00000012 (UNIT :MCM)
 * DISTRICT: -----

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|------|-------|------|------|------|------|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0. | 0.03 | 0.06 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.10 | 0.06 |
| 1961 | 0. | 0. | 0.07 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.07 | 0.05 |
| 1962 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1963 | 0.14 | 0. | 0.84 | 0.69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.67 | 0.66 |
| 1964 | 0. | 0. | 0. | 4.03 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4.03 | 1.54 |
| 1965 | 0.11 | 0. | 0. | 0. | 0. | 0.05 | 0. | 0. | 0. | 0. | 0. | 0. | 0.16 | 0.09 |
| 1966 | 0. | 0.05 | 0.04 | 0. | 0. | 0.83 | 0. | 0.09 | 0. | 0. | 0. | 0. | 1.01 | 0.83 |
| 1967 | 0. | 0. | 0. | 1.75 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.75 | 0.61 |
| 1968 | 0. | 0. | 0. | 0. | 0. | 1.62 | 0. | 0. | 0. | 0. | 0. | 0. | 1.62 | 0.91 |
| 1969 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1970 | 0. | 0. | 0. | 0.02 | 0. | 0. | 2.50 | 0. | 0. | 0. | 0. | 0. | 2.51 | 2.22 |
| 1971 | 0. | 0. | 2.04 | 0. | 0.05 | 0.10 | 0. | 0. | 0. | 0. | 0. | 0. | 2.19 | 1.79 |
| 1972 | 0. | 0. | 0. | 0.09 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.09 | 0.09 |
| 1973 | 0. | 0. | 0. | 4.09 | 0.03 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4.11 | 2.55 |
| 1974 | 0. | 0.16 | 0. | 0. | 4.38 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4.54 | 2.70 |
| 1975 | 0. | 0. | 0. | 0. | 0. | 2.68 | 0. | 0. | 0. | 0. | 0. | 0. | 2.88 | 2.88 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1977 | 0. | 0. | 0.07 | 0.79 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.86 | 0.73 |
| 1978 | 0. | 0. | 0. | 0. | 0. | 0.17 | 0. | 0. | 0. | 0. | 0. | 0. | 0.17 | 0.17 |
| 1979 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1980 | 0. | 0. | 3.76 | 0.03 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.79 | 1.99 |
| 1981 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1982 | 0. | 0. | 0. | 0.02 | 0. | 0.09 | 0. | 0. | 0. | 0. | 0. | 0. | 0.10 | 0.09 |
| 1983 | 0. | 0. | 0. | 0. | 0. | 1.53 | 0. | 0. | 0. | 0. | 0. | 0. | 1.53 | 0.80 |
| 1984 | 0. | 0. | 0.03 | 0. | 0.64 | 0.03 | 0. | 0. | 0. | 0. | 0. | 0. | 0.90 | 0.60 |
| 1985 | 0. | 0. | 0. | 0. | 0. | 0. | 0.27 | 0. | 0. | 0. | 0. | 0. | 0.27 | 0.27 |
| TOTAL | 0.25 | 0.22 | 6.84 | 11.55 | 5.56 | 7.31 | 2.76 | 0.09 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 0.01 | 0.01 | 0.26 | 0.44 | 0.21 | 0.28 | 0.11 | 0.00 | 0. | 0. | 0. | 0. | 1.32 | --- |

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (12/21)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|------|-------|------|------|------|------|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0. | 0. | 0.04 | 0.07 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.11 | 0.07 |
| 1961 | 0. | 0. | 0.09 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.09 | 0.07 |
| 1962 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1963 | 0.14 | 0. | 0.93 | 0.69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.76 | 0.65 |
| 1964 | 0. | 0. | 0. | 4.25 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4.25 | 1.56 |
| 1965 | 0.15 | 0. | 0. | 0. | 0. | 0.07 | 0. | 0. | 0. | 0. | 0. | 0. | 0.22 | 0.11 |
| 1966 | 0. | 0.07 | 0.06 | 0. | 0. | 0.89 | 0. | 0.11 | 0. | 0. | 0. | 0. | 1.13 | 0.89 |
| 1967 | 0. | 0. | 0. | 1.87 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.87 | 0.61 |
| 1968 | 0. | 0. | 0. | 0. | 0. | 1.78 | 0. | 0. | 0. | 0. | 0. | 0. | 1.78 | 0.97 |
| 1969 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1970 | 0. | 0. | 0. | 0.03 | 0. | 0. | 2.57 | 0. | 0. | 0. | 0. | 0. | 2.59 | 2.25 |
| 1971 | 0. | 0. | 2.13 | 0. | 0.07 | 0.14 | 0. | 0. | 0. | 0. | 0. | 0. | 2.34 | 1.66 |
| 1972 | 0. | 0. | 0. | 0.11 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.11 | 0.11 |
| 1973 | 0. | 0. | 0. | 4.31 | 0.03 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4.35 | 2.65 |
| 1974 | 0. | 0.20 | 0. | 0. | 4.54 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4.73 | 2.80 |
| 1975 | 0. | 0. | 0. | 0. | 0. | 3.02 | 0. | 0. | 0. | 0. | 0. | 0. | 3.02 | 3.02 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1977 | 0. | 0. | 0.08 | 0.85 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.92 | 0.76 |
| 1978 | 0. | 0. | 0. | 0. | 0. | 0.19 | 0. | 0. | 0. | 0. | 0. | 0. | 0.19 | 0.19 |
| 1979 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1980 | 0. | 0. | 3.94 | 0.04 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.98 | 2.08 |
| 1981 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1982 | 0. | 0. | 0. | 0.02 | 0. | 0.10 | 0. | 0. | 0. | 0. | 0. | 0. | 0.11 | 0.10 |
| 1983 | 0. | 0. | 0. | 0. | 0. | 1.62 | 0. | 0. | 0. | 0. | 0. | 0. | 1.62 | 0.85 |
| 1984 | 0. | 0. | 0.03 | 0. | 0.91 | 0.04 | 0. | 0. | 0. | 0. | 0. | 0. | 0.98 | 0.60 |
| 1985 | 0. | 0. | 0. | 0. | 0. | 0. | 0.29 | 0. | 0. | 0. | 0. | 0. | 0.29 | 0.29 |
| TOTAL | 0.29 | 0.27 | 7.27 | 12.21 | 5.62 | 7.85 | 2.86 | 0.11 | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 0.01 | 0.01 | 0.28 | 0.47 | 0.22 | 0.30 | 0.11 | 0.00 | 0. | 0. | 0. | 0. | 1.40 | --- |

* STATION ----- SUEIDA-I
 * DISTRICT -----
 * CODE NO. ----- 00000013
 (UNIT : MCM)

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (13/21)

* STATION ----- SUEIDA-II

* DISTRICT -----

* CODE NO. ----- 00000014

(UNIT :MCM)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|------|-------|------|------|------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 0. | 0. | 0.06 | 0.11 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.17 | 0.11 |
| 1961 | 0. | 0. | 0.13 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.13 | 0.11 |
| 1962 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1963 | 0.13 | 0. | 1.22 | 0.72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.06 | 0.79 |
| 1964 | 0. | 0. | 0. | 4.96 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4.96 | 1.65 |
| 1965 | 0.24 | 0. | 0. | 0. | 0. | 0.11 | 0. | 0. | 0. | 0. | 0. | 0. | 0.35 | 0.18 |
| 1966 | 0. | 0.11 | 0.10 | 0. | 0. | 1.08 | 0. | 0.18 | 0. | 0. | 0. | 0. | 1.47 | 1.08 |
| 1967 | 0. | 0. | 0. | 2.19 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.19 | 0.74 |
| 1968 | 0. | 0. | 0. | 0. | 0. | 2.29 | 0. | 0. | 0. | 0. | 0. | 0. | 2.29 | 1.17 |
| 1969 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1970 | 0. | 0. | 0. | 0.03 | 0. | 0. | 2.81 | 0. | 0. | 0. | 0. | 0. | 2.84 | 2.35 |
| 1971 | 0. | 0. | 2.43 | 0. | 0.12 | 0.22 | 0. | 0. | 0. | 0. | 0. | 0. | 2.77 | 2.10 |
| 1972 | 0. | 0. | 0. | 0.18 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.18 | 0.18 |
| 1973 | 0. | 0. | 0. | 5.05 | 0.06 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 5.11 | 2.98 |
| 1974 | 0. | 0.31 | 0. | 0. | 5.06 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 5.37 | 3.15 |
| 1975 | 0. | 0. | 0. | 0. | 0. | 3.53 | 0. | 0. | 0. | 0. | 0. | 0. | 3.53 | 3.53 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1977 | 0. | 0. | 0.12 | 1.02 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.14 | 0.90 |
| 1978 | 0. | 0. | 0. | 0. | 0. | 0.25 | 0. | 0. | 0. | 0. | 0. | 0. | 0.25 | 0.25 |
| 1979 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1980 | 0. | 0. | 4.56 | 0.07 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4.63 | 2.39 |
| 1981 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1982 | 0. | 0. | 0. | 0.03 | 0. | 0.14 | 0. | 0. | 0. | 0. | 0. | 0. | 0.16 | 0.14 |
| 1983 | 0. | 0. | 0. | 0. | 0. | 1.88 | 0. | 0. | 0. | 0. | 0. | 0. | 1.88 | 0.98 |
| 1984 | 0. | 0. | 0.05 | 0. | 1.07 | 0.08 | 0. | 0. | 0. | 0. | 0. | 0. | 1.20 | 0.58 |
| 1985 | 0. | 0. | 0. | 0. | 0. | 0. | 0.35 | 0. | 0. | 0. | 0. | 0. | 0.35 | 0.35 |
| TOTAL | 0.37 | 0.42 | 8.61 | 14.31 | 6.43 | 9.58 | 3.16 | 0.16 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.01 | 0.02 | 0.33 | 0.55 | 0.25 | 0.37 | 0.12 | 0.01 | 0. | 0. | 0. | 0. | 1.66 | -- |

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (14/21)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|-----------------|------------------|
| 1960 | 0. | 0.01 | 0.18 | 3.94 | 6.96 | 0. | 0.08 | 0. | 0. | 0. | 0. | 0. | 11.17 | 3.17 |
| 1961 | 0. | 0. | 6.36 | 0.06 | 1.93 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 8.35 | 5.43 |
| 1962 | 0. | 0. | 0. | 0. | 11.79 | 0. | 0.09 | 0. | 0. | 0. | 0. | 0. | 11.88 | 8.27 |
| 1963 | 0.28 | 0. | 14.34 | 6.77 | 0.79 | 1.27 | 0. | 0. | 0. | 0. | 0. | 0. | 23.44 | 7.17 |
| 1964 | 0. | 1.23 | 3.73 | 182.49 | 0.12 | 7.50 | 0.54 | 0. | 0. | 0. | 0. | 0. | 195.61 | 44.92 |
| 1965 | 3.02 | 0.16 | 0.81 | 0. | 1.10 | 4.95 | 0. | 0. | 0. | 0. | 0. | 0. | 10.03 | 3.79 |
| 1966 | 0.07 | 0.23 | 12.51 | 4.84 | 0. | 14.81 | 0. | 0.18 | 0. | 0. | 0. | 0. | 32.64 | 6.45 |
| 1967 | 0. | 1.70 | 0.51 | 17.18 | 1.64 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 21.03 | 8.61 |
| 1968 | 0. | 0.08 | 2.15 | 0.88 | 0. | 14.41 | 0. | 0. | 0. | 0. | 0. | 0. | 17.52 | 6.50 |
| 1969 | 0. | 0.07 | 0. | 0.11 | 0. | 10.39 | 0. | 0. | 0. | 0. | 0. | 0. | 10.57 | 4.29 |
| 1970 | 0. | 0.15 | 0. | 0.55 | 0. | 0. | 40.09 | 0. | 0. | 0. | 0. | 0. | 40.79 | 21.76 |
| 1971 | 0. | 0.10 | 30.03 | 0. | 7.02 | 9.35 | 0.23 | 0. | 0. | 0. | 0. | 0. | 46.74 | 22.90 |
| 1972 | 0. | 0. | 0. | 8.91 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 8.91 | 4.14 |
| 1973 | 0. | 0.54 | 0.29 | 58.43 | 20.20 | 0.03 | 0.42 | 0. | 0. | 0. | 0. | 0. | 79.91 | 24.35 |
| 1974 | 0. | 2.32 | 2.31 | 0.32 | 41.00 | 1.58 | 0. | 0. | 0. | 0. | 0. | 0. | 47.53 | 28.43 |
| 1975 | 0. | 0.06 | 0.05 | 0. | 1.54 | 12.13 | 0. | 0. | 0. | 0. | 0. | 0. | 13.75 | 11.63 |
| 1976 | 0. | 0. | 0. | 1.23 | 0.23 | 0. | 4.57 | 0. | 0. | 0. | 0. | 0. | 6.03 | 3.35 |
| 1977 | 0. | 0.08 | 5.93 | 8.93 | 0.98 | 3.35 | 0. | 0. | 0. | 0. | 0. | 0. | 19.26 | 8.70 |
| 1978 | 0. | 0. | 2.17 | 7.60 | 0. | 4.88 | 0. | 0. | 0. | 0. | 0. | 0. | 14.65 | 5.09 |
| 1979 | 0. | 12.74 | 15.09 | 3.97 | 7.96 | 15.26 | 0. | 0. | 0. | 0. | 0. | 0. | 55.01 | 8.48 |
| 1980 | 0. | 0. | 41.67 | 0.16 | 1.97 | 1.32 | 0. | 0. | 0. | 0. | 0. | 0. | 45.12 | 15.12 |
| 1981 | 0. | 0. | 0. | 0. | 2.72 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.72 | 2.57 |
| 1982 | 0. | 0.49 | 1.92 | 8.66 | 2.42 | 1.07 | 0. | 0. | 0. | 0. | 0. | 0. | 14.56 | 3.81 |
| 1983 | 0. | 0. | 0. | 2.02 | 0.18 | 6.62 | 0. | 0. | 0. | 0. | 0. | 0. | 8.82 | 3.89 |
| 1984 | 0.25 | 0.66 | 2.46 | 0. | 18.11 | 3.08 | 2.20 | 0. | 0. | 0. | 0. | 0. | 26.76 | 11.31 |
| 1985 | 0. | 0. | 2.71 | 0. | 0.35 | 0. | 0.35 | 0. | 0. | 0. | 0. | 0. | 3.42 | 1.46 |
| TOTAL | 3.61 | 20.61 | 145.24 | 317.03 | 129.01 | 111.97 | 48.58 | 0.16 | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.14 | 0.79 | 5.59 | 12.19 | 4.96 | 4.31 | 1.87 | 0.01 | 0. | 0. | 0. | 0. | 29.85 | -- |

* STATION ----- MUJIB
 * DISTRICT -----
 * CODE NO. ----- 00000015
 (UNIT : MCM)

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (15/21)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|-------|-------|-------|-------|------|-----|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1961 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1962 | 0. | 0. | 0. | 0. | 0. | 0. | 0.59 | 0. | 0. | 0. | 0. | 0. | 0.59 | 0.59 |
| 1963 | 0.73 | 0. | 0.67 | 2.71 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4.10 | 2.71 |
| 1964 | 0. | 0. | 0. | 9.51 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 9.51 | 4.59 |
| 1965 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1966 | 0. | 0. | 0. | 0. | 0. | 1.06 | 0. | 0. | 0. | 0. | 0. | 0. | 1.06 | 1.06 |
| 1967 | 0. | 0. | 0. | 3.88 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.88 | 2.26 |
| 1968 | 0. | 0. | 0. | 0. | 0. | 0.93 | 0. | 0. | 0. | 0. | 0. | 0. | 0.93 | 0.82 |
| 1969 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1970 | 0. | 0. | 0. | 0. | 0. | 0. | 6.71 | 0. | 0. | 0. | 0. | 0. | 6.71 | 6.71 |
| 1971 | 0. | 0. | 3.81 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.81 | 3.52 |
| 1972 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1973 | 0. | 0. | 0. | 7.69 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 7.69 | 5.87 |
| 1974 | 0. | 0.46 | 0. | 0. | 11.23 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 11.69 | 7.78 |
| 1975 | 0. | 0. | 0. | 0. | 0. | 5.70 | 0. | 0. | 0. | 0. | 0. | 0. | 5.70 | 5.70 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1977 | 0. | 0. | 0. | 0.73 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.73 | 0.73 |
| 1978 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1979 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1980 | 0. | 0. | 8.01 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 8.01 | 4.35 |
| 1981 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1982 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1983 | 0. | 0. | 0. | 0. | 0. | 2.70 | 0. | 0. | 0. | 0. | 0. | 0. | 2.70 | 1.46 |
| 1984 | 0. | 0. | 0. | 0. | 2.36 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.36 | 2.36 |
| 1985 | 0. | 0. | 0. | 0. | 0. | 0. | 0.12 | 0. | 0. | 0. | 0. | 0. | 0.12 | 0.12 |
| TOTAL | 0.73 | 0.46 | 12.48 | 24.52 | 13.59 | 10.40 | 7.42 | 0. | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 0.03 | 0.02 | 0.48 | 0.94 | 0.52 | 0.40 | 0.29 | 0. | 0. | 0. | 0. | 0. | 2.68 | --- |

* STATION ----- HAFIRA
 * DISTRICT -----

* CODE NO. ----- 00000016

(UNIT : MCM)

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (16/21)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|------|-------|-------|------|------|-----|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0. | 0. | 0.05 | 0.10 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.16 | 0.10 |
| 1961 | 0. | 0. | 0.19 | 0.10 | 0.19 | 0. | 0.04 | 0. | 0. | 0. | 0. | 0. | 0.52 | 0.19 |
| 1962 | 0. | 0. | 0. | 0. | 0.09 | 0. | 0.10 | 0. | 0. | 0. | 0. | 0. | 0.18 | 0.10 |
| 1963 | 0.48 | 0. | 0.50 | 1.86 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.83 | 1.86 |
| 1964 | 0. | 0. | 0. | 9.45 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 9.45 | 4.16 |
| 1965 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1966 | 0. | 0. | 0. | 0. | 0. | 0.48 | 0. | 0. | 0. | 0. | 0. | 0. | 0.48 | 0.48 |
| 1967 | 0. | 0. | 0. | 2.39 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.39 | 1.46 |
| 1968 | 0. | 0. | 0. | 0. | 0. | 0.81 | 0. | 0. | 0. | 0. | 0. | 0. | 0.81 | 0.55 |
| 1969 | 0. | 0. | 0. | 0.03 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.03 | 0.03 |
| 1970 | 0. | 0. | 0. | 0.14 | 0. | 0. | 5.89 | 0. | 0. | 0. | 0. | 0. | 6.03 | 5.70 |
| 1971 | 0. | 0. | 2.06 | 0. | 0.04 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.11 | 1.21 |
| 1972 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1973 | 0. | 0. | 0. | 7.14 | 0.04 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 7.18 | 4.53 |
| 1974 | 0. | 0.04 | 0. | 0. | 12.03 | 0.10 | 0. | 0. | 0. | 0. | 0. | 0. | 12.17 | 9.78 |
| 1975 | 0. | 0. | 0. | 0. | 0. | 4.29 | 0. | 0. | 0. | 0. | 0. | 0. | 4.29 | 4.29 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1977 | 0. | 0. | 0.14 | 0.61 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.75 | 0.48 |
| 1978 | 0. | 0. | 0.01 | 0. | 0. | 0.15 | 0. | 0. | 0. | 0. | 0. | 0. | 0.20 | 0.19 |
| 1979 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1980 | 0. | 0. | 7.04 | 0.10 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 7.14 | 5.49 |
| 1981 | 0. | 0. | 0. | 0. | 0.15 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.15 | 0.15 |
| 1982 | 0. | 0. | 0. | 0.04 | 0. | 0.14 | 0. | 0. | 0. | 0. | 0. | 0. | 0.16 | 0.14 |
| 1983 | 0. | 0. | 0. | 0. | 0. | 0.98 | 0. | 0. | 0. | 0. | 0. | 0. | 0.98 | 0.51 |
| 1984 | 0. | 0. | 0. | 0. | 0.90 | 0.03 | 0. | 0. | 0. | 0. | 0. | 0. | 0.92 | 0.90 |
| 1985 | 0. | 0. | 0. | 0. | 0. | 0. | 0.23 | 0. | 0. | 0. | 0. | 0. | 0.23 | 0.23 |
| TOTAL | 0.48 | 0.04 | 9.94 | 21.90 | 13.54 | 7.01 | 6.26 | 0. | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.02 | 0.00 | 0.38 | 0.84 | 0.52 | 0.27 | 0.24 | 0. | 0. | 0. | 0. | 0. | 2.28 | -- |

* STATION ----- QATRAHA
 * DISTRICT -----
 * CODE NO. ----- 00000017
 (UNIT : MCM)

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (17/21)

| * STATION | * CODE NO. 00000018 | | | | | | | | | | | | (UNIT :MCM) | |
|------------|---------------------|------|-------|-------|-------|------|------|-----|------|-----|-----|-----|---------------|---------------|
| * DISTRICT | | | | | | | | | | | | | | |
| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
| 1960 | 0. | 0. | 0.10 | 0. | 1.05 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.15 | 0.78 |
| 1961 | 0. | 0. | 1.34 | 0.16 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.50 | 0.92 |
| 1962 | 0. | 0. | 0. | 0. | 2.19 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.19 | 1.68 |
| 1963 | 0. | 0. | 1.61 | 0. | 0. | 0.20 | 0. | 0. | 0. | 0. | 0. | 0. | 1.81 | 1.05 |
| 1964 | 0. | 0.20 | 2.10 | 34.87 | 0. | 0.43 | 0. | 0. | 0. | 0. | 0. | 0. | 37.60 | 11.67 |
| 1965 | 1.55 | 0.20 | 0. | 0. | 0.60 | 0.60 | 0. | 0. | 0. | 0. | 0. | 0. | 2.94 | 1.48 |
| 1966 | 0. | 0.20 | 0.88 | 0.87 | 0. | 2.89 | 0. | 0. | 0. | 0. | 0. | 0. | 4.85 | 1.54 |
| 1967 | 0. | 0.20 | 0. | 0.22 | 0.54 | 0. | 0.04 | 0. | 0. | 0. | 0. | 0. | 1.01 | 0.54 |
| 1968 | 0. | 0.16 | 0.06 | 0. | 0. | 0.67 | 0. | 0. | 0. | 0. | 0. | 0. | 0.89 | 0.43 |
| 1969 | 0. | 0. | 0. | 0. | 0. | 1.62 | 0. | 0. | 0. | 0. | 0. | 0. | 1.62 | 1.31 |
| 1970 | 0. | 0. | 0. | 0. | 0. | 0. | 5.24 | 0. | 0. | 0. | 0. | 0. | 5.24 | 2.65 |
| 1971 | 0. | 0. | 2.60 | 0. | 1.32 | 0.67 | 0.08 | 0. | 0. | 0. | 0. | 0. | 4.67 | 2.33 |
| 1972 | 0. | 0.19 | 0. | 1.81 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.00 | 1.33 |
| 1973 | 0. | 0.27 | 0.04 | 3.04 | 3.32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 6.67 | 2.55 |
| 1974 | 0. | 1.31 | 0.48 | 0.04 | 3.97 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 5.80 | 3.97 |
| 1975 | 0. | 0. | 0. | 0. | 0. | 0.64 | 0. | 0. | 0. | 0. | 0. | 0. | 0.64 | 0.64 |
| 1976 | 0. | 0. | 0. | 0.54 | 0.15 | 0. | 1.63 | 0. | 0. | 0. | 0. | 0. | 2.32 | 0.83 |
| 1977 | 0. | 0.30 | 1.30 | 0. | 0. | 0.60 | 0. | 0. | 0. | 0. | 0. | 0. | 2.19 | 0.60 |
| 1978 | 0. | 0. | 0.41 | 1.76 | 0. | 0.47 | 0. | 0. | 0. | 0. | 0. | 0. | 2.64 | 1.56 |
| 1979 | 0. | 1.56 | 4.17 | 0.48 | 2.46 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 8.67 | 2.97 |
| 1980 | 0. | 0. | 3.63 | 0. | 0.63 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4.26 | 1.30 |
| 1981 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1982 | 0. | 0.16 | 0.06 | 1.11 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.32 | 1.09 |
| 1983 | 0. | 0. | 0. | 0. | 0. | 0.28 | 0. | 0. | 0. | 0. | 0. | 0. | 0.28 | 0.28 |
| 1984 | 0. | 0. | 0. | 0. | 0. | 0.51 | 0.20 | 0. | 0. | 0. | 0. | 0. | 0.71 | 0.51 |
| 1985 | 0. | 0. | 0. | 0. | 1.24 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.24 | 1.14 |
| TOTAL | 1.55 | 4.74 | 18.78 | 44.91 | 17.47 | 9.57 | 7.20 | 0. | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 0.06 | 0.18 | 0.72 | 1.73 | 0.67 | 0.37 | 0.28 | 0. | 0. | 0. | 0. | 0. | 4.01 | --- |

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (18/21)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|------|-------|-------|------|------|-----|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0. | 0. | 0.28 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.28 | 0.28 |
| 1961 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1962 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1963 | 0. | 0. | 0.18 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.18 | 0.18 |
| 1964 | 0. | 0. | 0.09 | 39.42 | 0. | 0.43 | 0. | 0. | 0. | 0. | 0. | 0. | 39.94 | 11.91 |
| 1965 | 0. | 0. | 0. | 0. | 0.14 | 0.60 | 0. | 0. | 0. | 0. | 0. | 0. | 0.73 | 0.45 |
| 1966 | 0.14 | 0. | 0. | 0. | 0. | 2.97 | 0. | 0. | 0. | 0. | 0. | 0. | 3.11 | 1.54 |
| 1967 | 0. | 0. | 0. | 0.52 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.52 | 0.44 |
| 1968 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1969 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1970 | 0. | 0. | 0. | 0.21 | 0. | 0. | 4.10 | 0. | 0. | 0. | 0. | 0. | 4.31 | 3.71 |
| 1971 | 0. | 0. | 0.80 | 0. | 1.32 | 0.67 | 0.08 | 0. | 0. | 0. | 0. | 0. | 2.88 | 1.32 |
| 1972 | 0. | 0.09 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.09 | 0.09 |
| 1973 | 0. | 0. | 0. | 1.85 | 3.32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 5.17 | 2.55 |
| 1974 | 0. | 0.46 | 0. | 0. | 8.61 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 9.07 | 8.32 |
| 1975 | 0. | 0. | 0. | 0. | 0. | 2.94 | 0. | 0. | 0. | 0. | 0. | 0. | 2.94 | 2.94 |
| 1976 | 0. | 0. | 0. | 0. | 0. | 0. | 0.12 | 0. | 0. | 0. | 0. | 0. | 0.12 | 0.12 |
| 1977 | 0. | 0. | 0. | 0. | 0. | 0.01 | 0. | 0. | 0. | 0. | 0. | 0. | 0.01 | 0.01 |
| 1978 | 0. | 0. | 0. | 0. | 0. | 0.43 | 0. | 0. | 0. | 0. | 0. | 0. | 0.43 | 0.43 |
| 1979 | 0. | 0. | 3.53 | 0.48 | 2.46 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 6.48 | 2.33 |
| 1980 | 0. | 0. | 4.61 | 0. | 0.63 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 5.24 | 2.39 |
| 1981 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1982 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1983 | 0. | 0. | 0. | 0. | 0. | 0.80 | 0. | 0. | 0. | 0. | 0. | 0. | 0.80 | 0.46 |
| 1984 | 0. | 0. | 0. | 0. | 0.53 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.53 | 0.53 |
| 1985 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| TOTAL | 0.14 | 0.54 | 9.22 | 42.76 | 17.01 | 8.86 | 4.30 | 0. | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 0.01 | 0.02 | 0.35 | 1.64 | 0.65 | 0.34 | 0.17 | 0. | 0. | 0. | 0. | 0. | 3.19 | --- |

* STATION ----- SULTANI
 * DISTRICT -----
 * CODE NO. ----- 00000019
 (UNIT :MCM)

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (19/21)

* STATION ----- KABRA * CODE NO. ----- 00000020 (UNIT :MCM)
 * DISTRICT -----

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|-------|-------|-------|-------|-------|-----|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0.01 | 0.19 | 0.87 | 2.13 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.20 | 1.04 |
| 1961 | 0. | 0. | 2.17 | 0.06 | 0.30 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.53 | 1.56 |
| 1962 | 0. | 0. | 0. | 0. | 3.02 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.02 | 2.05 |
| 1963 | 0. | 0. | 3.65 | 0.82 | 0.36 | 0.62 | 0. | 0. | 0. | 0. | 0. | 0. | 5.45 | 1.78 |
| 1964 | 0. | 0.52 | 2.36 | 55.94 | 0. | 1.71 | 0.11 | 0. | 0. | 0. | 0. | 0. | 60.64 | 13.91 |
| 1965 | 2.70 | 0.16 | 0.33 | 0. | 1.12 | 2.16 | 0. | 0. | 0. | 0. | 0. | 0. | 6.48 | 2.19 |
| 1966 | 0.07 | 0.14 | 3.37 | 1.40 | 0. | 6.12 | 0. | 0. | 0. | 0. | 0. | 0. | 11.09 | 2.47 |
| 1967 | 0. | 0.56 | 0.18 | 2.40 | 1.29 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 4.43 | 1.38 |
| 1968 | 0. | 0.09 | 0.86 | 0.39 | 0. | 2.98 | 0. | 0. | 0. | 0. | 0. | 0. | 4.31 | 1.23 |
| 1969 | 0. | 0.08 | 0. | 0.12 | 0. | 4.52 | 0. | 0. | 0. | 0. | 0. | 0. | 4.72 | 1.82 |
| 1970 | 0. | 0. | 0. | 0. | 0. | 0. | 5.81 | 0. | 0. | 0. | 0. | 0. | 9.81 | 4.28 |
| 1971 | 0. | 0.10 | 8.46 | 0. | 1.95 | 4.77 | 0.17 | 0. | 0. | 0. | 0. | 0. | 15.46 | 6.35 |
| 1972 | 0. | 0. | 0. | 3.02 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.02 | 0.99 |
| 1973 | 0. | 0.56 | 0.30 | 9.16 | 8.37 | 0.03 | 0.35 | 0. | 0. | 0. | 0. | 0. | 18.77 | 4.51 |
| 1974 | 0. | 0.74 | 1.55 | 0.35 | 5.36 | 0.83 | 0. | 0. | 0. | 0. | 0. | 0. | 8.82 | 2.30 |
| 1975 | 0. | 0. | 0.03 | 0. | 0.67 | 1.44 | 0. | 0. | 0. | 0. | 0. | 0. | 2.15 | 1.44 |
| 1976 | 0. | 0. | 0. | 0.90 | 0.02 | 0. | 1.76 | 0. | 0. | 0. | 0. | 0. | 2.68 | 0.86 |
| 1977 | 0. | 0.09 | 1.98 | 0.85 | 0.36 | 1.09 | 0. | 0. | 0. | 0. | 0. | 0. | 4.36 | 0.85 |
| 1978 | 0. | 0. | 1.08 | 3.59 | 0. | 2.71 | 0. | 0. | 0. | 0. | 0. | 0. | 7.38 | 3.33 |
| 1979 | 0. | 3.22 | 5.75 | 2.37 | 4.80 | 3.34 | 0. | 0. | 0. | 0. | 0. | 0. | 19.48 | 3.95 |
| 1980 | 0. | 0. | 14.79 | 0. | 1.48 | 1.40 | 0. | 0. | 0. | 0. | 0. | 0. | 17.67 | 6.59 |
| 1981 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| 1982 | 0. | 0.46 | 1.30 | 3.08 | 1.80 | 0.29 | 0. | 0. | 0. | 0. | 0. | 0. | 6.92 | 2.42 |
| 1983 | 0. | 0. | 0. | 0. | 0.20 | 2.37 | 0. | 0. | 0. | 0. | 0. | 0. | 2.57 | 1.27 |
| 1984 | 0.27 | 0. | 0.72 | 0. | 4.72 | 1.30 | 0.63 | 0. | 0. | 0. | 0. | 0. | 7.64 | 2.91 |
| 1985 | 0. | 0. | 1.51 | 0. | 0.03 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.55 | 0.85 |
| TOTAL | 3.04 | 6.73 | 50.57 | 85.30 | 37.98 | 37.68 | 12.83 | 0. | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.12 | 0.26 | 1.94 | 3.26 | 1.46 | 1.45 | 0.49 | 0. | 0. | 0. | 0. | 0. | 9.01 | -- |

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (20/21)

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|------|-------|--------|-------|-------|-------|-----|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0.01 | 0.18 | 0.89 | 2.07 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.15 | 0.99 |
| 1961 | 0. | 0. | 2.28 | 0.06 | 0.39 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.73 | 1.64 |
| 1962 | 0. | 0. | 0. | 0. | 3.25 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.25 | 2.25 |
| 1963 | 0.16 | 0. | 3.99 | 1.20 | 0.35 | 0.60 | 0. | 0. | 0. | 0. | 0. | 0. | 6.30 | 2.01 |
| 1964 | 0. | 0.49 | 2.32 | 93.02 | 0. | 2.11 | 0.11 | 0. | 0. | 0. | 0. | 0. | 98.05 | 25.25 |
| 1965 | 2.59 | 0.16 | 0.31 | 0. | 1.08 | 2.17 | 0. | 0. | 0. | 0. | 0. | 0. | 6.32 | 2.10 |
| 1966 | 0.07 | 0.13 | 3.25 | 1.33 | 0. | 7.81 | 0. | 0. | 0. | 0. | 0. | 0. | 12.59 | 3.90 |
| 1967 | 0. | 0.54 | 0.17 | 3.22 | 1.24 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 5.18 | 1.63 |
| 1968 | 0. | 0.08 | 0.82 | 0.37 | 0. | 3.34 | 0. | 0. | 0. | 0. | 0. | 0. | 4.61 | 1.38 |
| 1969 | 0. | 0.08 | 0. | 0.11 | 0. | 4.41 | 0. | 0. | 0. | 0. | 0. | 0. | 4.60 | 1.75 |
| 1970 | 0. | 0. | 0. | 0.04 | 0. | 0. | 13.78 | 0. | 0. | 0. | 0. | 0. | 13.82 | 7.49 |
| 1971 | 0. | 0.10 | 9.11 | 0. | 2.66 | 5.27 | 0.24 | 0. | 0. | 0. | 0. | 0. | 17.58 | 6.96 |
| 1972 | 0. | 0. | 0. | 3.07 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 3.07 | 1.11 |
| 1973 | 0. | 0.54 | 0.29 | 10.97 | 11.53 | 0.03 | 0.33 | 0. | 0. | 0. | 0. | 0. | 23.69 | 7.04 |
| 1974 | 0. | 0.92 | 1.49 | 0.33 | 14.35 | 0.79 | 0. | 0. | 0. | 0. | 0. | 0. | 17.88 | 10.70 |
| 1975 | 0. | 0. | 0.03 | 0. | 0.65 | 3.58 | 0. | 0. | 0. | 0. | 0. | 0. | 4.25 | 3.58 |
| 1976 | 0. | 0. | 0. | 0.86 | 0.02 | 0. | 1.69 | 0. | 0. | 0. | 0. | 0. | 2.57 | 0.63 |
| 1977 | 0. | 0.08 | 2.02 | 1.12 | 0.35 | 1.05 | 0. | 0. | 0. | 0. | 0. | 0. | 4.61 | 1.09 |
| 1978 | 0. | 0. | 1.11 | 3.44 | 0. | 2.61 | 0. | 0. | 0. | 0. | 0. | 0. | 7.16 | 2.23 |
| 1979 | 0. | 3.19 | 7.55 | 2.72 | 6.90 | 3.20 | 0. | 0. | 0. | 0. | 0. | 0. | 23.56 | 4.69 |
| 1980 | 0. | 0. | 18.45 | 0. | 2.00 | 1.35 | 0. | 0. | 0. | 0. | 0. | 0. | 21.80 | 6.34 |
| 1981 | 0. | 0. | 0. | 0. | 0.22 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0.22 | 0.22 |
| 1982 | 0. | 0.44 | 1.24 | 3.04 | 1.72 | 0.29 | 0. | 0. | 0. | 0. | 0. | 0. | 6.74 | 2.40 |
| 1983 | 0. | 0. | 0. | 0.05 | 0.19 | 2.69 | 0. | 0. | 0. | 0. | 0. | 0. | 2.93 | 1.44 |
| 1984 | 0.26 | 0. | 0.68 | 0. | 5.05 | 1.34 | 0.62 | 0. | 0. | 0. | 0. | 0. | 7.95 | 2.79 |
| 1985 | 0. | 0. | 1.44 | 0. | 0.03 | 0. | 0.01 | 0. | 0. | 0. | 0. | 0. | 1.49 | 0.80 |
| TOTAL | 3.08 | 6.76 | 56.74 | 125.86 | 54.05 | 42.62 | 16.79 | 0. | 0. | 0. | 0. | 0. | -- | -- |
| AVE. | 0.12 | 0.26 | 2.18 | 4.84 | 2.08 | 1.64 | 0.65 | 0. | 0. | 0. | 0. | 0. | 11.77 | -- |

* STATION ----- DABBA' * CODE NO. ----- 00000021
 * DISTRICT ----- (UNIT : MCM)

TABLE B-6 ESTIMATED FLOOD RUNOFF AT SUB STATIONS (21/21)

STATION ----- NUKHEILA

* CODE NO. ----- 00000022

(UNIT :MCM)

* STATION -----
* DISTRICT -----

| YEAR | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUNE | JUL | AUG | SEP | ANNUAL TOTAL | DAILY MAXIMUM |
|-------|------|-------|--------|--------|--------|-------|-------|-----|------|-----|-----|-----|--------------|---------------|
| 1960 | 0. | 0.01 | 0.18 | 3.39 | 6.32 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 9.89 | 2.52 |
| 1961 | 0. | 0. | 5.34 | 0.06 | 1.85 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 7.25 | 4.72 |
| 1962 | 0. | 0. | 0. | 0. | 10.57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 10.57 | 7.44 |
| 1963 | 0.15 | 0. | 11.09 | 5.71 | 0.77 | 1.27 | 0. | 0. | 0. | 0. | 0. | 0. | 16.98 | 5.40 |
| 1964 | 0. | 1.23 | 3.73 | 173.50 | 0.12 | 7.30 | 0.20 | 0. | 0. | 0. | 0. | 0. | 186.08 | 41.84 |
| 1965 | 2.77 | 0.16 | 0.81 | 0. | 1.10 | 4.41 | 0. | 0. | 0. | 0. | 0. | 0. | 9.24 | 3.25 |
| 1966 | 0.07 | 0.13 | 10.51 | 3.85 | 0. | 12.42 | 0. | 0. | 0. | 0. | 0. | 0. | 26.98 | 5.28 |
| 1967 | 0. | 1.55 | 0.51 | 12.17 | 1.64 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 15.87 | 5.94 |
| 1968 | 0. | 0.08 | 1.91 | 0.88 | 0. | 9.81 | 0. | 0. | 0. | 0. | 0. | 0. | 12.67 | 4.75 |
| 1969 | 0. | 0.07 | 0. | 0.11 | 0. | 10.17 | 0. | 0. | 0. | 0. | 0. | 0. | 10.35 | 4.19 |
| 1970 | 0. | 0.15 | 0. | 0.52 | 0. | 0. | 33.65 | 0. | 0. | 0. | 0. | 0. | 34.32 | 17.93 |
| 1971 | 0. | 0.10 | 23.76 | 0. | 6.09 | 8.48 | 0.23 | 0. | 0. | 0. | 0. | 0. | 38.66 | 17.89 |
| 1972 | 0. | 0. | 0. | 8.29 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 8.29 | 3.82 |
| 1973 | 0. | 0.54 | 0.29 | 48.01 | 19.70 | 0.03 | 0.42 | 0. | 0. | 0. | 0. | 0. | 68.99 | 18.57 |
| 1974 | 0. | 2.03 | 2.31 | 0.32 | 33.83 | 1.58 | 0. | 0. | 0. | 0. | 0. | 0. | 40.06 | 23.81 |
| 1975 | 0. | 0.06 | 0.03 | 0. | 1.54 | 7.85 | 0. | 0. | 0. | 0. | 0. | 0. | 9.48 | 7.35 |
| 1976 | 0. | 0. | 0. | 1.23 | 0.23 | 0. | 4.16 | 0. | 0. | 0. | 0. | 0. | 5.62 | 2.94 |
| 1977 | 0. | 0.08 | 4.91 | 6.34 | 0.60 | 2.76 | 0. | 0. | 0. | 0. | 0. | 0. | 14.70 | 6.31 |
| 1978 | 0. | 0. | 2.17 | 6.78 | 0. | 4.64 | 0. | 0. | 0. | 0. | 0. | 0. | 13.59 | 4.27 |
| 1979 | 0. | 10.24 | 14.37 | 3.85 | 7.53 | 14.29 | 0. | 0. | 0. | 0. | 0. | 0. | 50.28 | 8.41 |
| 1980 | 0. | 0. | 34.16 | 0.09 | 1.97 | 1.32 | 0. | 0. | 0. | 0. | 0. | 0. | 37.54 | 12.09 |
| 1981 | 0. | 0. | 0. | 0. | 2.57 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 2.57 | 2.57 |
| 1982 | 0. | 0.48 | 1.92 | 8.40 | 2.42 | 0.94 | 0. | 0. | 0. | 0. | 0. | 0. | 14.15 | 3.81 |
| 1983 | 0. | 0. | 0. | 1.76 | 0.18 | 4.67 | 0. | 0. | 0. | 0. | 0. | 0. | 6.62 | 2.91 |
| 1984 | 0.25 | 0.66 | 1.87 | 0. | 16.14 | 3.00 | 2.20 | 0. | 0. | 0. | 0. | 0. | 24.11 | 10.22 |
| 1985 | 0. | 0. | 2.71 | 0. | 0.35 | 0. | 0.01 | 0. | 0. | 0. | 0. | 0. | 3.08 | 1.46 |
| TOTAL | 3.24 | 17.54 | 122.57 | 285.28 | 115.52 | 94.94 | 40.88 | 0. | 0. | 0. | 0. | 0. | --- | --- |
| AVE. | 0.12 | 0.67 | 4.71 | 10.97 | 4.44 | 3.65 | 1.57 | 0. | 0. | 0. | 0. | 0. | 26.15 | --- |

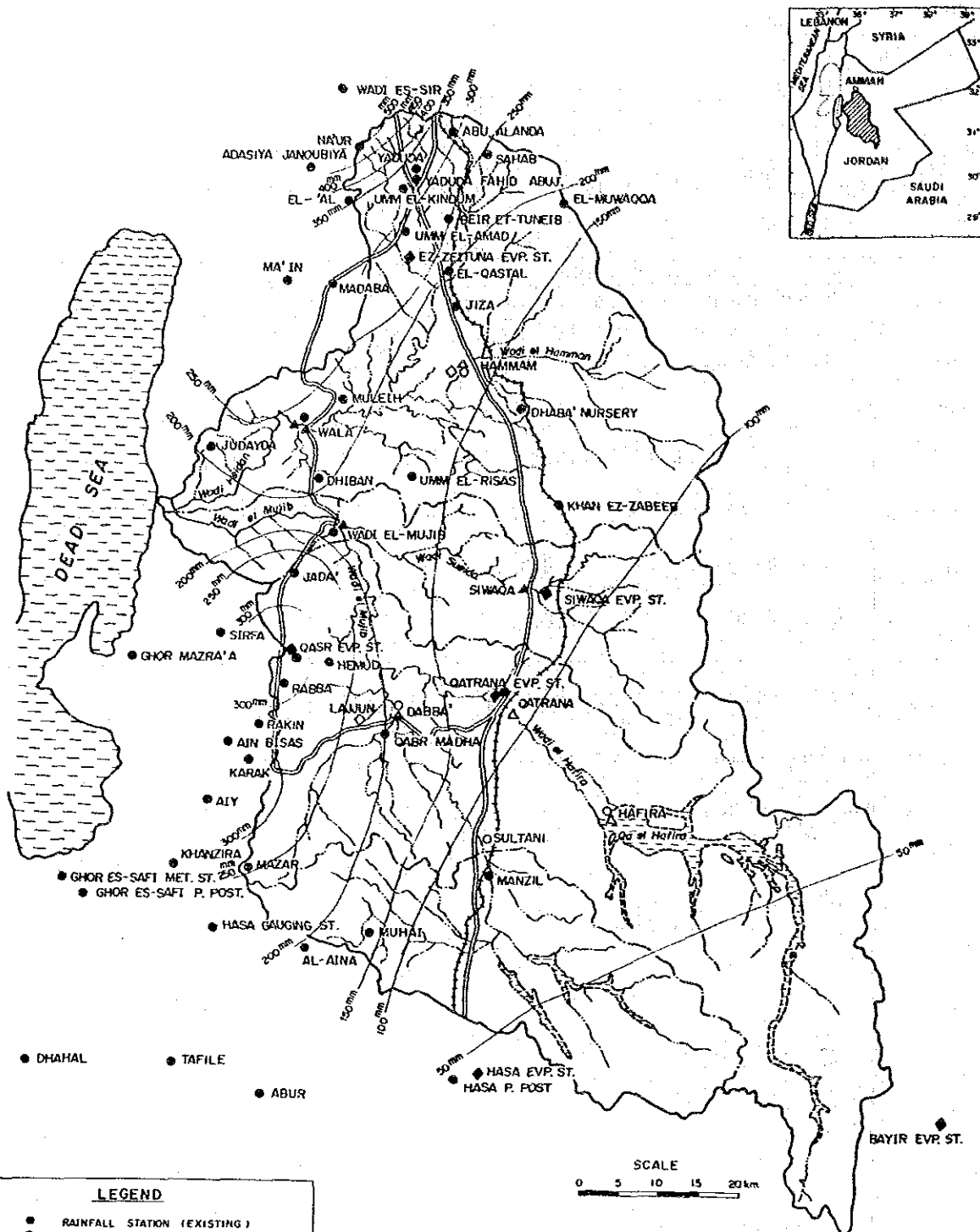
TABLE B-7 PROBABLE ANNUAL FLOOD RUNOFF AT PLANNED DAMSITES

| Damsite/ Gauging Station | Catchment Area (Km ²) | Average of Annual Flood runoff (MCM) | Return Year of Annual Runoff (MCM) | | | | | | | |
|--------------------------------|---|--|------------------------------------|-------|-------|-------|--------|--------|--------|--------|
| | | | 1.5 | 2 | 5 | 10 | 20 | 50 | 100 | 200 |
| 1. Zainab | 490 | 11.23 | 6.04 | 9.86 | 19.27 | 25.50 | 31.47 | 39.20 | 45.00 | 50.77 |
| 2. Hammam | 340 | 2.15 | 1.25 | 1.91 | 3.54 | 4.63 | 5.66 | 7.01 | 8.01 | 9.02 |
| 3. Sodor | 140 | 1.53 | 0.82 | 1.35 | 2.68 | 3.48 | 4.30 | 5.35 | 6.14 | 6.93 |
| 4. Halz | 720 | 5.13 | 3.10 | 4.59 | 8.25 | 10.67 | 12.99 | 16.00 | 18.25 | 20.50 |
| 5. Shabik | 240 | 1.67 | 0.80 | 1.44 | 3.02 | 4.07 | 5.08 | 6.38 | 7.35 | 8.32 |
| 6. Rumeil | 1,620 | 18.99 | 11.41 | 16.99 | 30.71 | 39.79 | 48.51 | 59.79 | 68.24 | 76.67 |
| 7. Wala | 1,770 | 21.52 | 13.15 | 19.31 | 34.47 | 44.51 | 54.14 | 66.60 | 75.94 | 85.24 |
| 10. Siwaqa N | 90 | 0.23 | 0.08 | 0.19 | 0.47 | 0.65 | 0.83 | 1.06 | 1.23 | 1.40 |
| 11. Siwaqa S | 280 | 0.76 | 0.25 | 0.63 | 1.57 | 2.19 | 2.78 | 3.55 | 4.13 | 4.71 |
| 12. Siwaqa C | 440 | 1.32 | 0.49 | 1.10 | 2.61 | 3.62 | 4.58 | 5.82 | 6.75 | 7.68 |
| 13. Sneida I | 460 | 1.40 | 0.53 | 1.17 | 2.76 | 3.81 | 4.81 | 6.12 | 7.09 | 8.06 |
| 14. Sneida II | 520 | 1.66 | 0.65 | 1.39 | 3.22 | 4.42 | 5.58 | 7.09 | 8.21 | 9.33 |
| 16. Hafira | 1,310 | 2.68 | 0.72 | 2.16 | 5.70 | 8.04 | 10.28 | 13.19 | 15.36 | 17.53 |
| 17. Qatrena | 1,490 | 2.28 | 0.40 | 1.78 | 5.18 | 7.44 | 9.60 | 12.40 | 14.50 | 16.59 |
| 19. Sultani | 1,010 | 3.19 | - | 2.02 | 10.02 | 15.32 | 20.40 | 30.32 | 31.99 | 36.82 |
| 20. Kabra | 290 | 9.01 | 3.82 | 6.12 | 11.78 | 15.53 | 19.13 | 23.78 | 27.27 | 30.75 |
| 21. Dabba | 1,430 | 11.77 | 8.96 | 8.96 | 28.18 | 40.90 | 53.10 | 65.08 | 80.74 | 92.54 |
| 22. Nukheila | 3,560 | 26.15 | 5.74 | 20.75 | 57.71 | 82.17 | 105.64 | 136.02 | 158.78 | 181.47 |
| 15. Mujib | 4,340 | 29.85 | 8.17 | 24.12 | 63.38 | 89.37 | 114.30 | 146.57 | 170.75 | 194.84 |

TABLE B-8 PROBABLE PEAK DISCHARGE AT SELECTED DAMSITES

| | 100 year flood | | 200 year flood | |
|----------|-----------------------------------|--|-----------------------------------|--|
| | Daily mean maximum (MCM) V max | Peak discharge (m ³ /s) Qp | Daily mean maximum (MCM) V max | Peak discharge (m ³ /s) Qp |
| Hammam | 3.54 | 590 | 3.96 | 620 |
| Wala | 19.96 | 1,460 | 22.27 | 1,550 |
| Siwaqa C | 4.29 | 485 | 4.88 | 525 |
| Kabra | 8.38 | 440 | 9.42 | 490 |
| Nakheila | 41.30 | 2,000 | 46.86 | 2,250 |

for Siwaqa C Qp = 206.3 V max 0.58396
for Hammam, Wala Qp = 297 V max 0.5317
for Kabra, Nukheila Qp = 58.0 V max 0.95058



| LEGEND | |
|--------|---|
| ● | RAINFALL STATION (EXISTING) |
| ○ | RAINFALL STATION (NEWLY INSTALLED) |
| ▲ | GAUGING STATION WATER LEVEL (EXISTING) |
| △ | GAUGING STATION WATER LEVEL (NEWLY INSTALLED) |
| ◆ | EVAPORATION STATION (EXISTING) |
| ◇ | EVAPORATION STATION (NEWLY INSTALLED) |
| — | BASIN BOUNDARY |
| — | MAIN ROAD |
| — | RAIL WAY |
| — | WADI |
| ▨ | MUDDY AREA |
| — | ANNUAL AVERAGE RAINFALL (mm) |

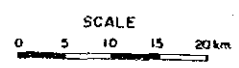


Fig.B-1
Location Map of Meteorological/
Hydrogeological and Water Use
Stations

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STUDY OF THE MUJIB WATERSHED
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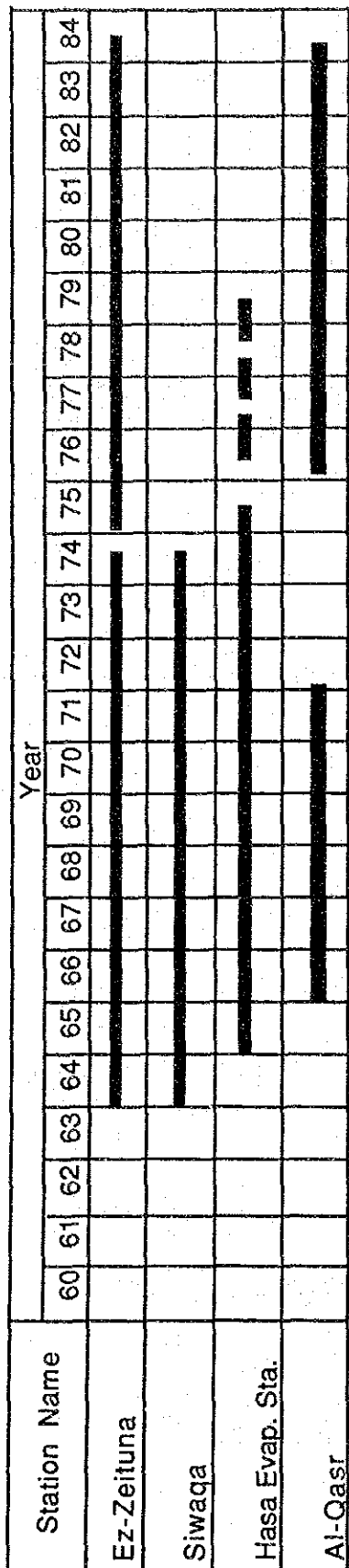


Fig.B-3 Duration of Records of Evaporation Stations

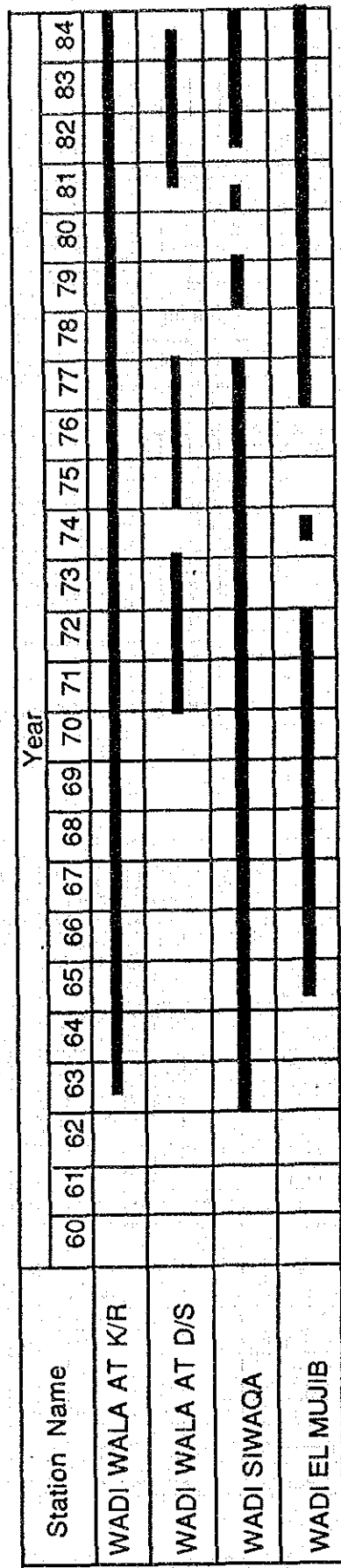
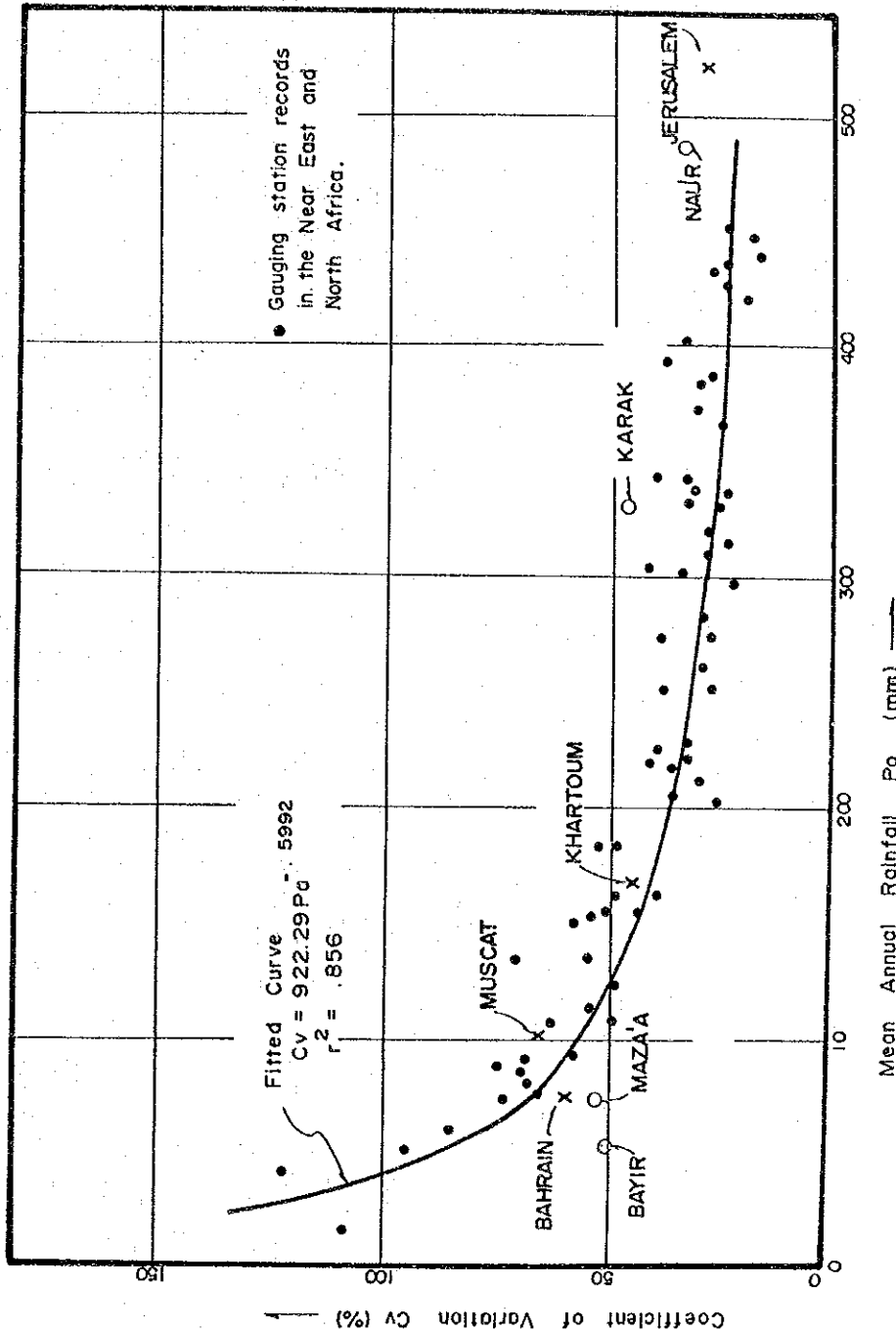


Fig.B-4 Duration of Records of Water Level Gauging Stations



Coefficient of Variation of Annual Rainfall as a function of Mean Annual Amount

Sources FAO Irrigation and Drainage Paper 37

Fig.B-5
 Coefficient of Variation of Annual
 Rainfall as a Function of Mean
 Annual Amount

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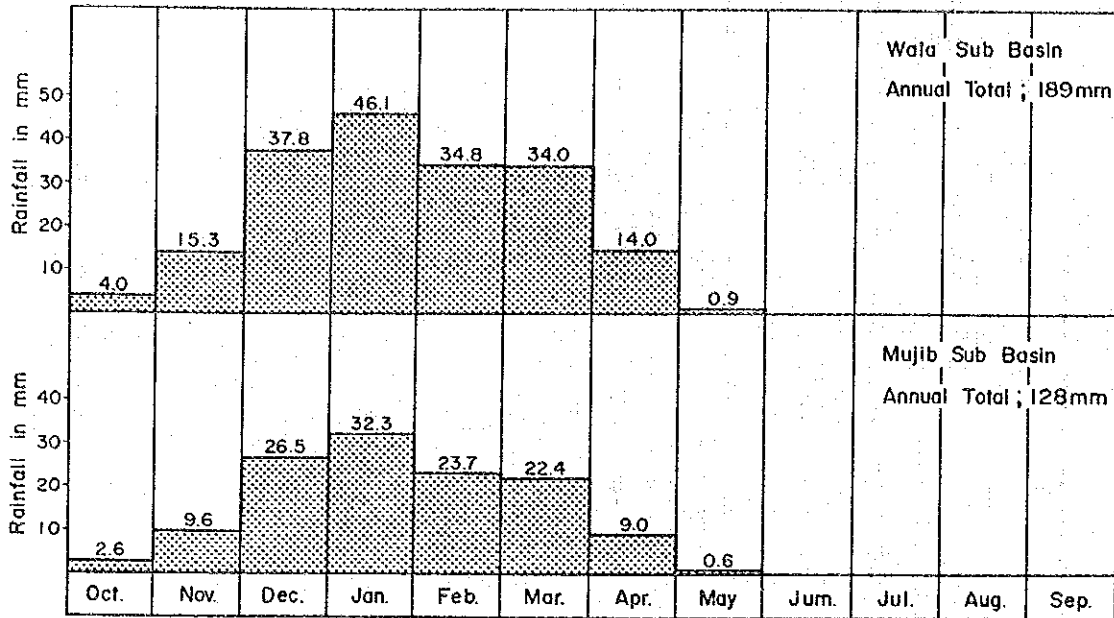


Fig.B-6 Rainfall in Wadi Wala and Wadi Mujib Basin

Time Series of Basin Rainfall

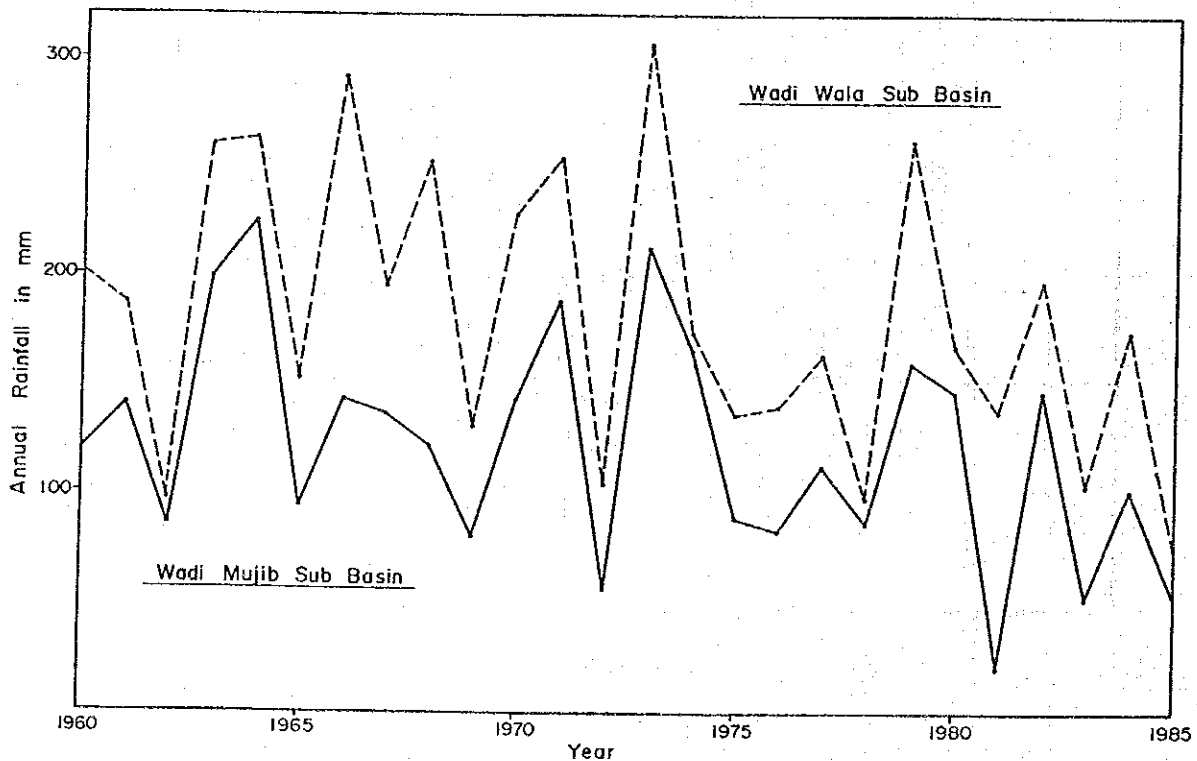


Fig.B-7 Time series of Basin Rainfall

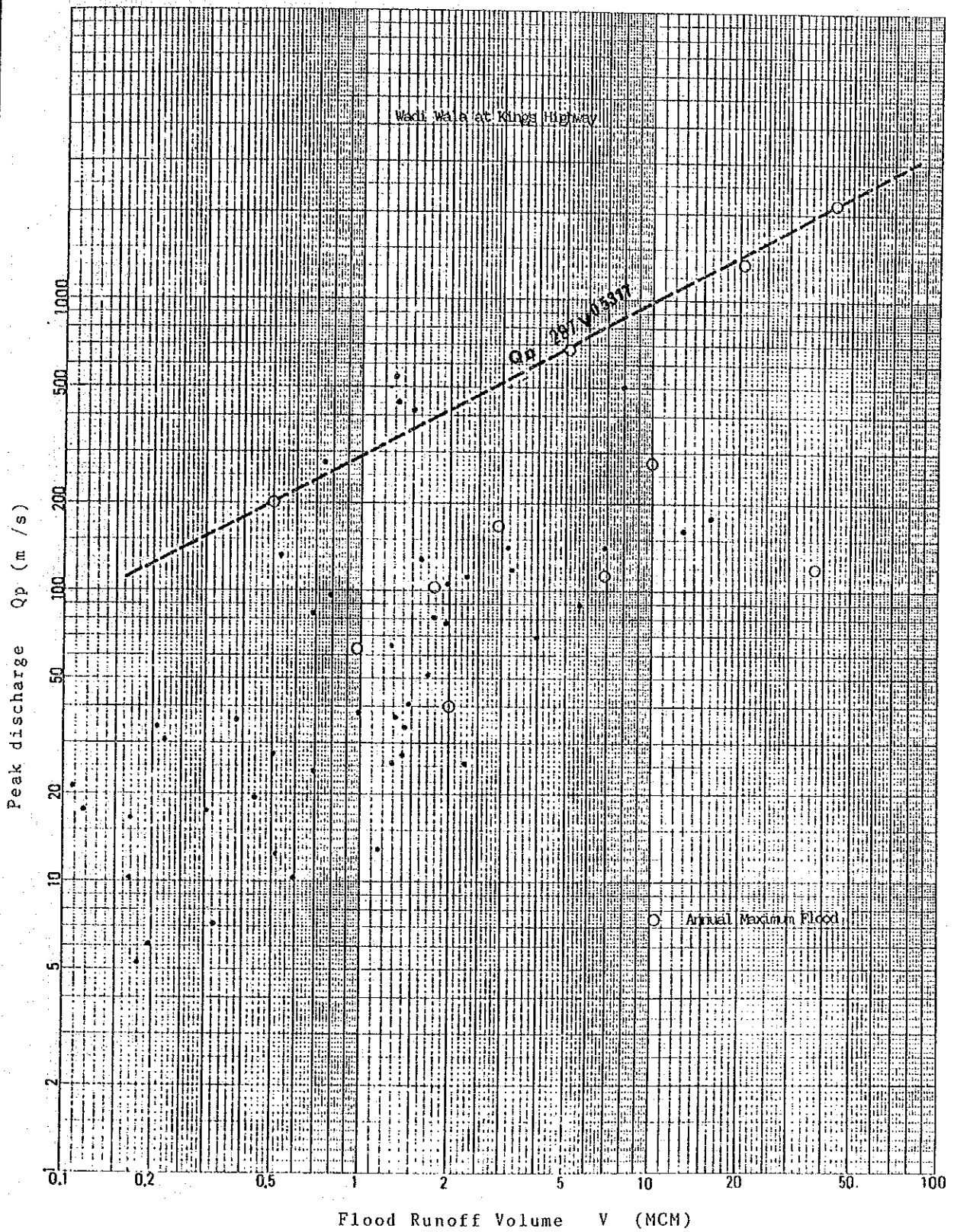


Fig.B-8

Peak Discharge As a Function of
Flood Volume at Wadi Wala Gauging
Station

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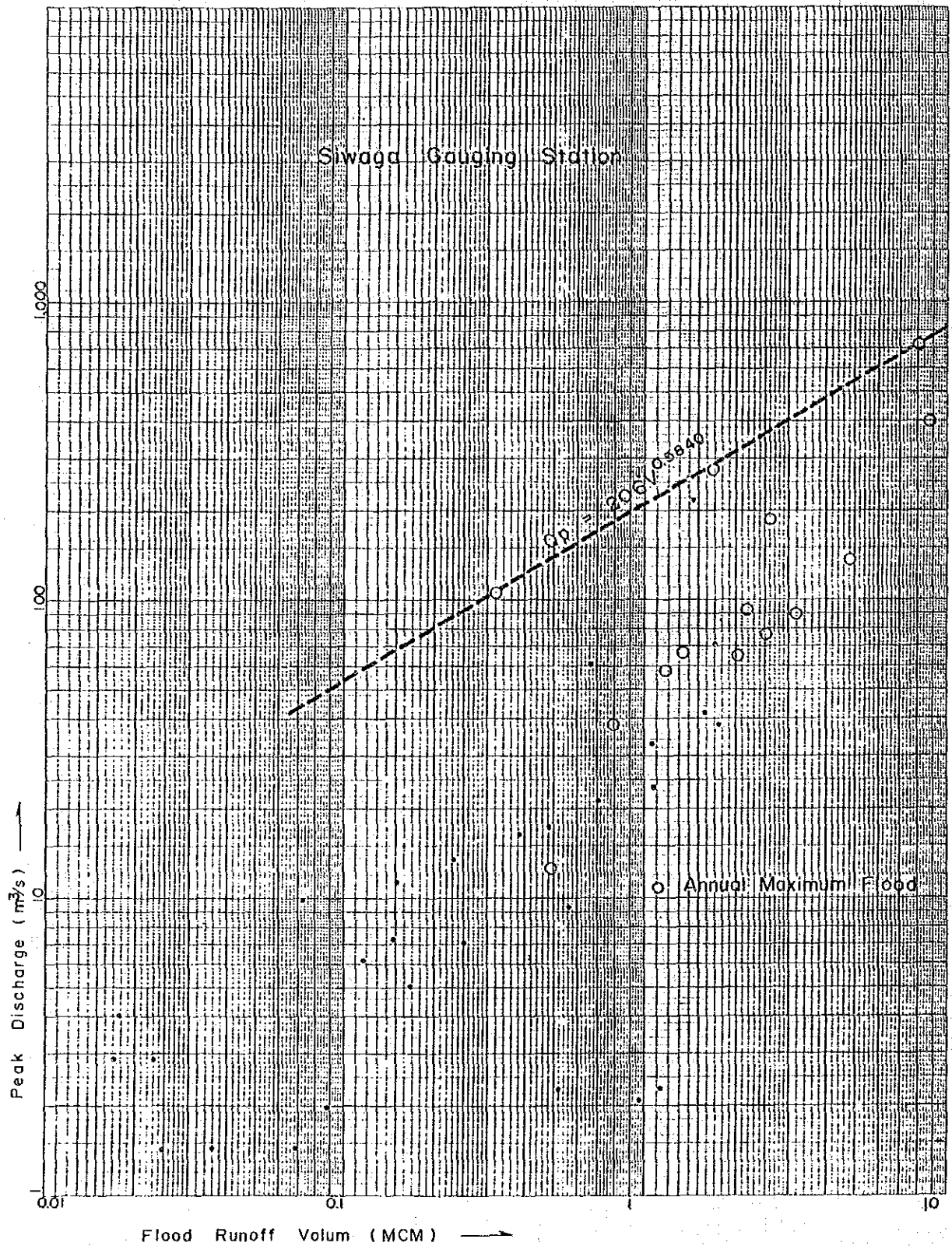


Fig.B-9

Peak Discharge As a Function of
Flood Volume at Wadi Siwaga
Gauging Station

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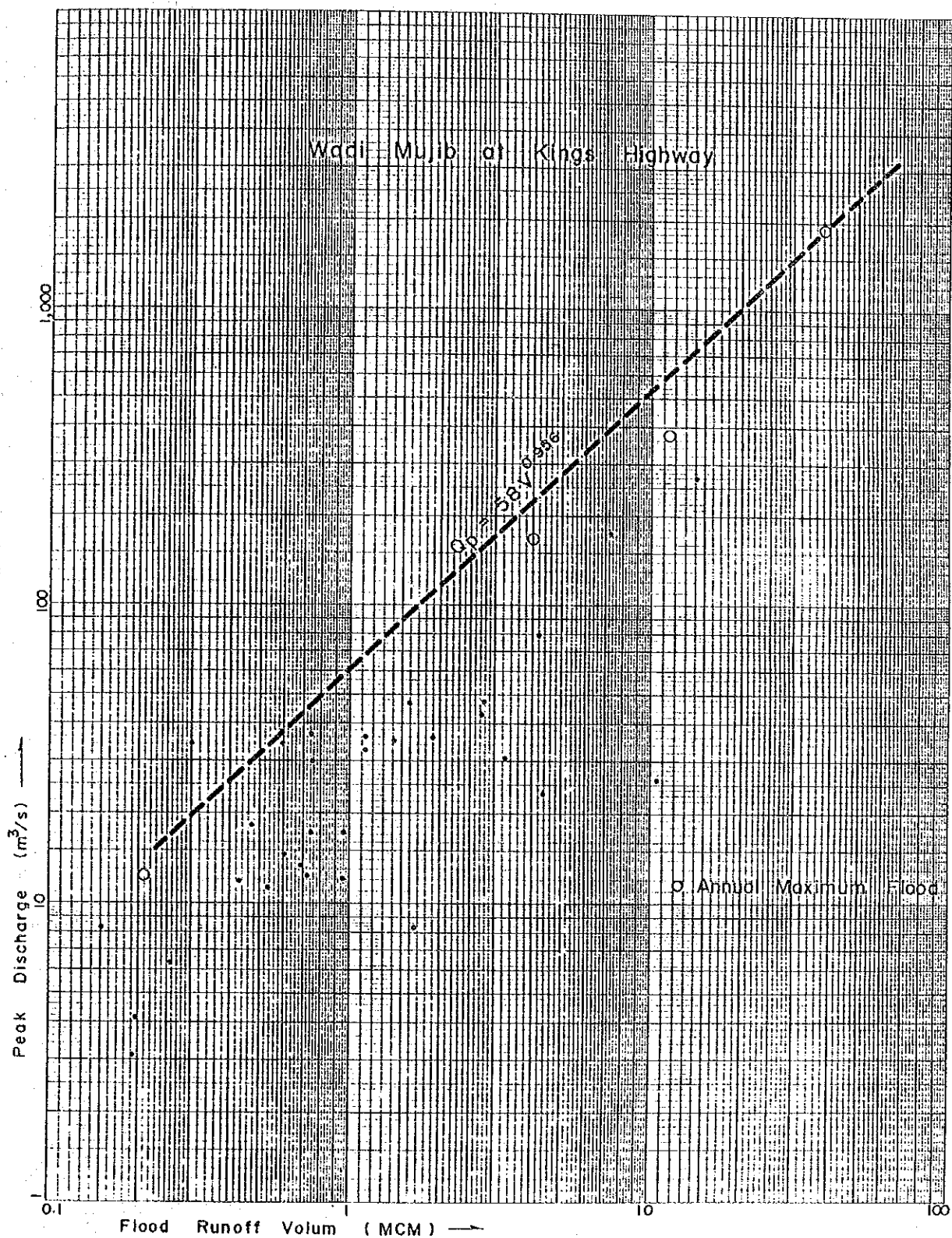


Fig.B-10
 Peak Discharge As a Function of
 Flood Volume at Wadi Mujib
 Gauging Station

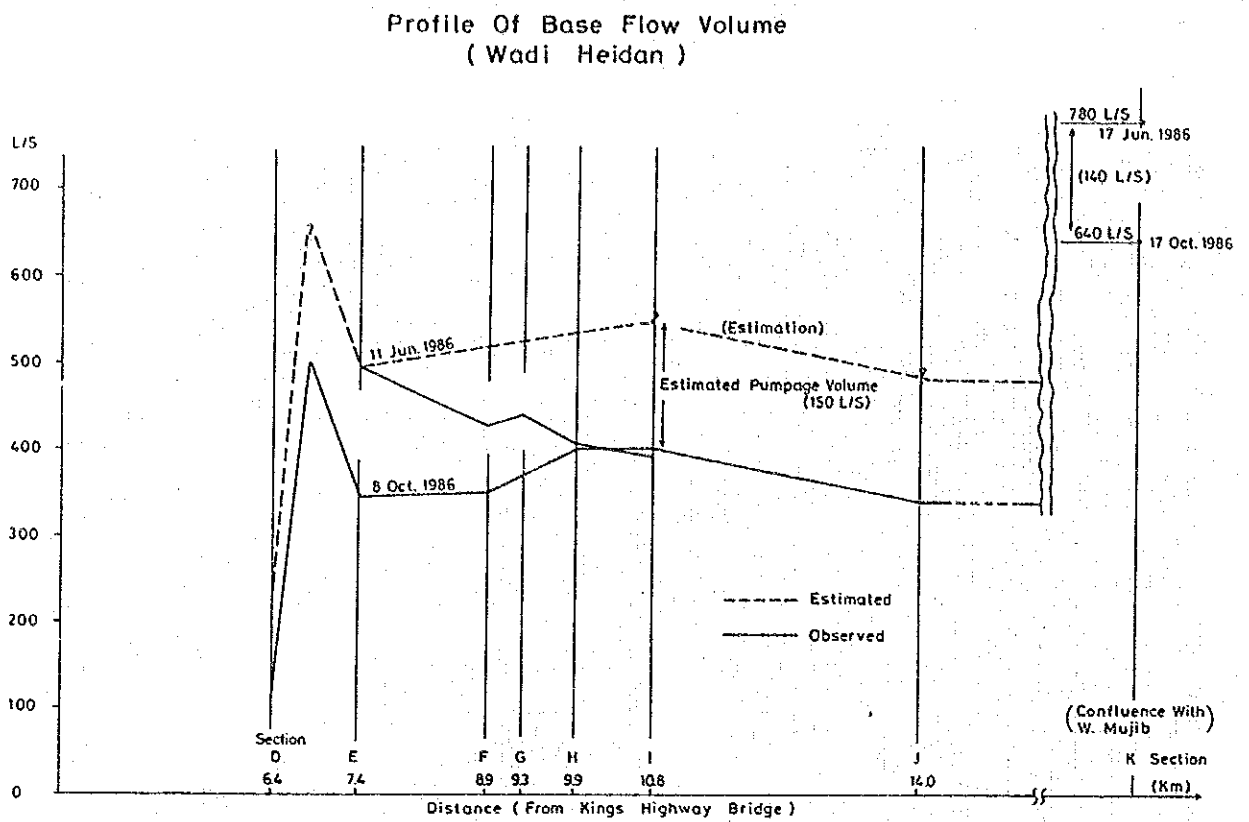


Fig.B-11 Profile of Baseflow Volume (Wadi Heidan)

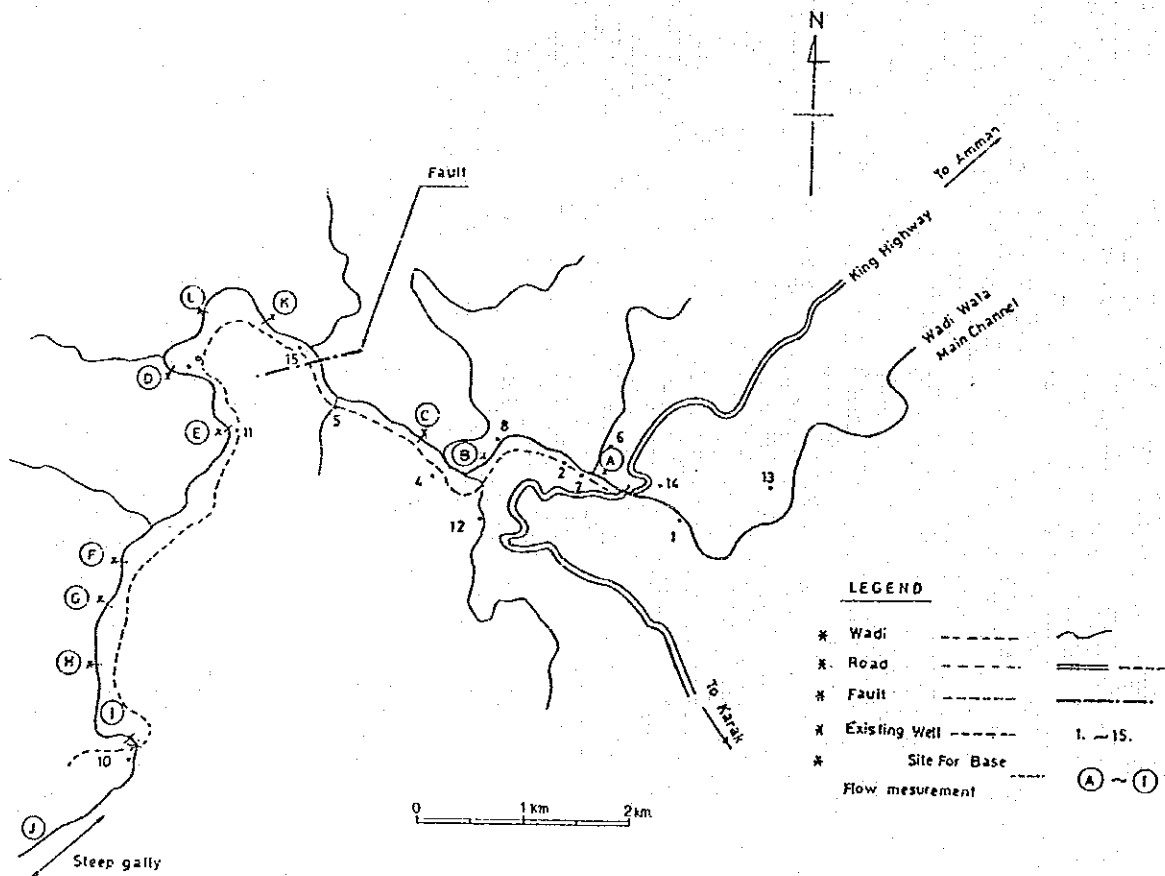


Fig.B-12 Location of Baseflow Measurement

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WADI HEIDAN (EL. 350 m) SPRING DATA

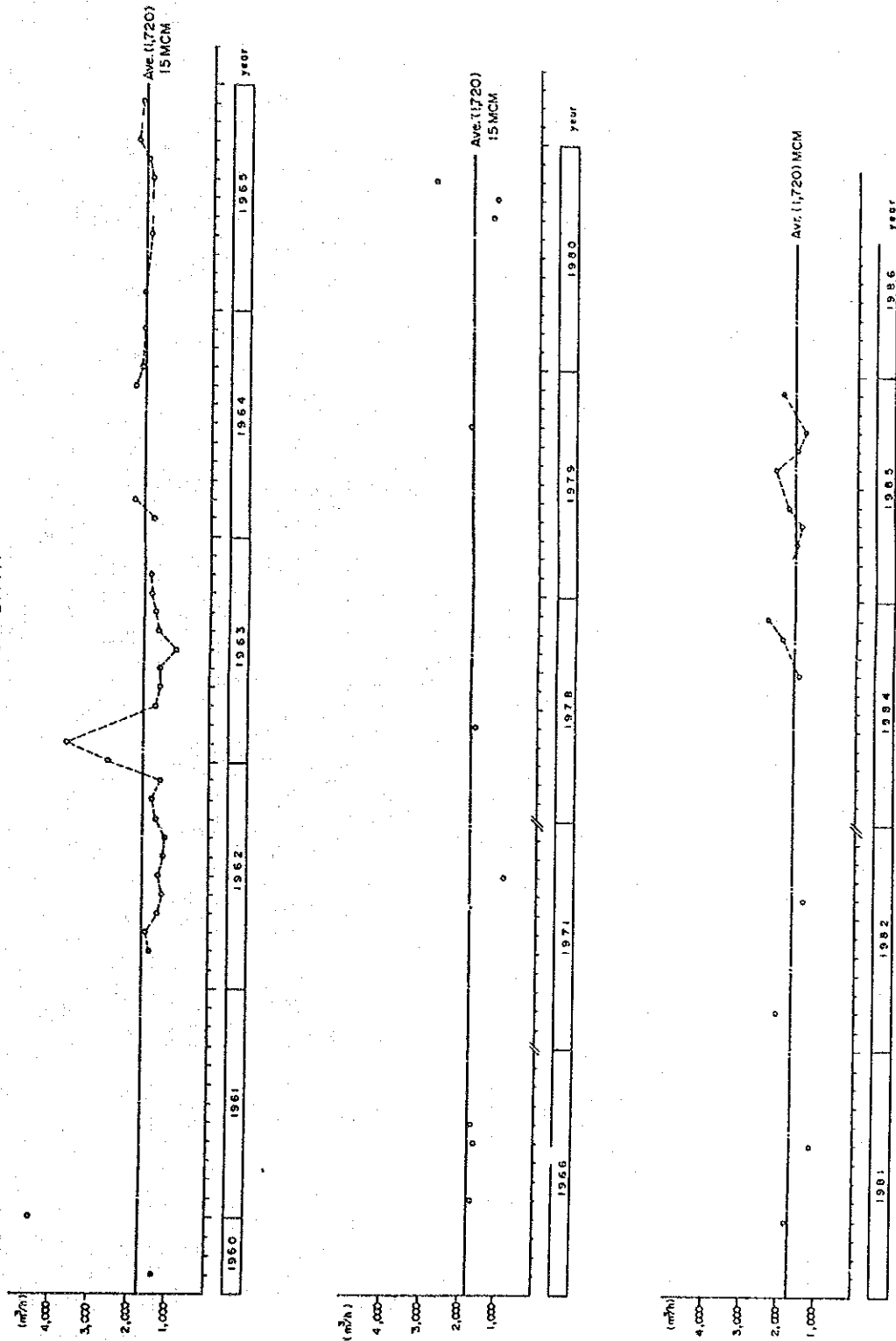


Fig.B-13
Wadi Heidan Spring Data

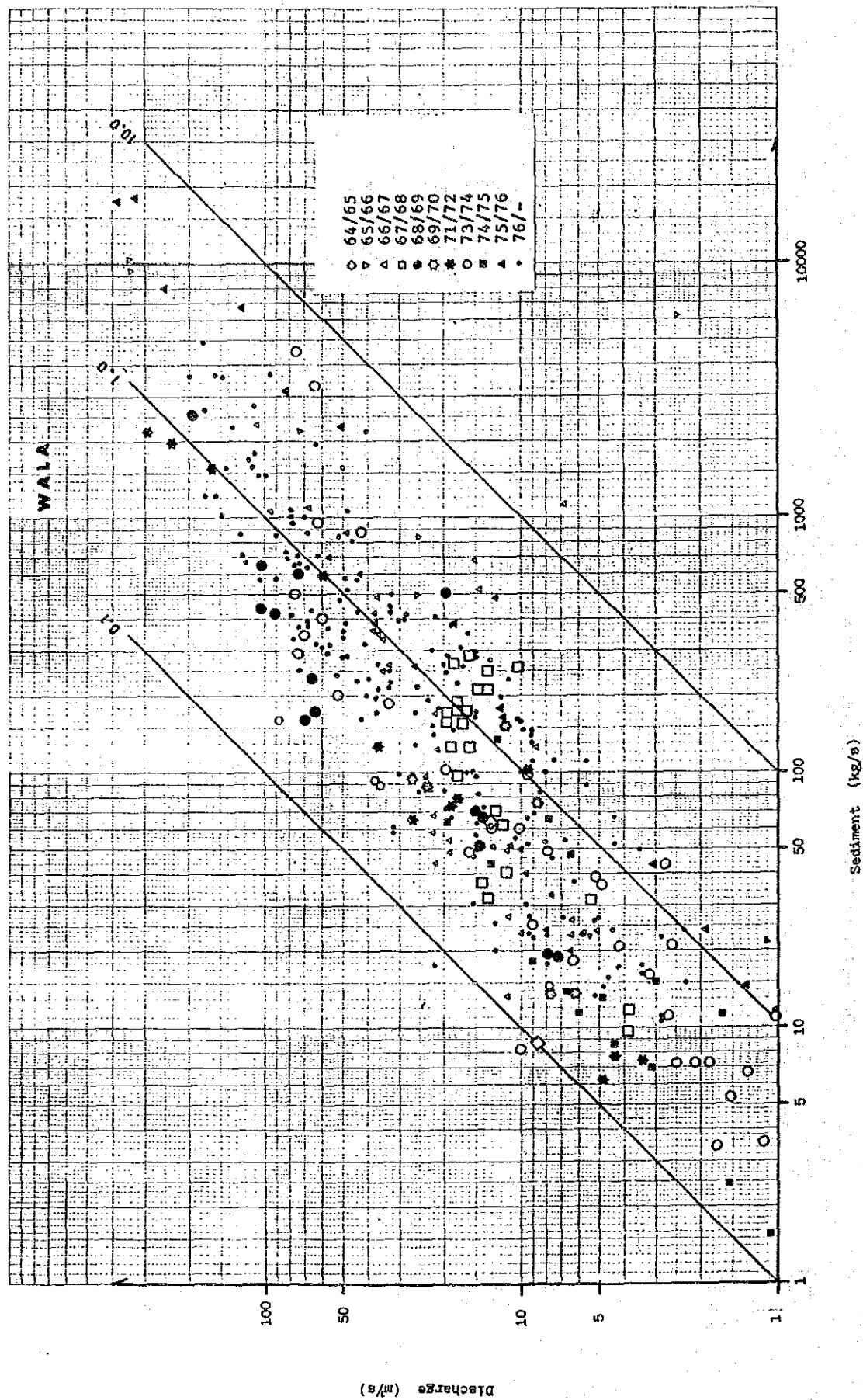


Fig.B-14

Suspended Load Rating Curve at Two Gauging Stations of Wadi Wala Downstream.

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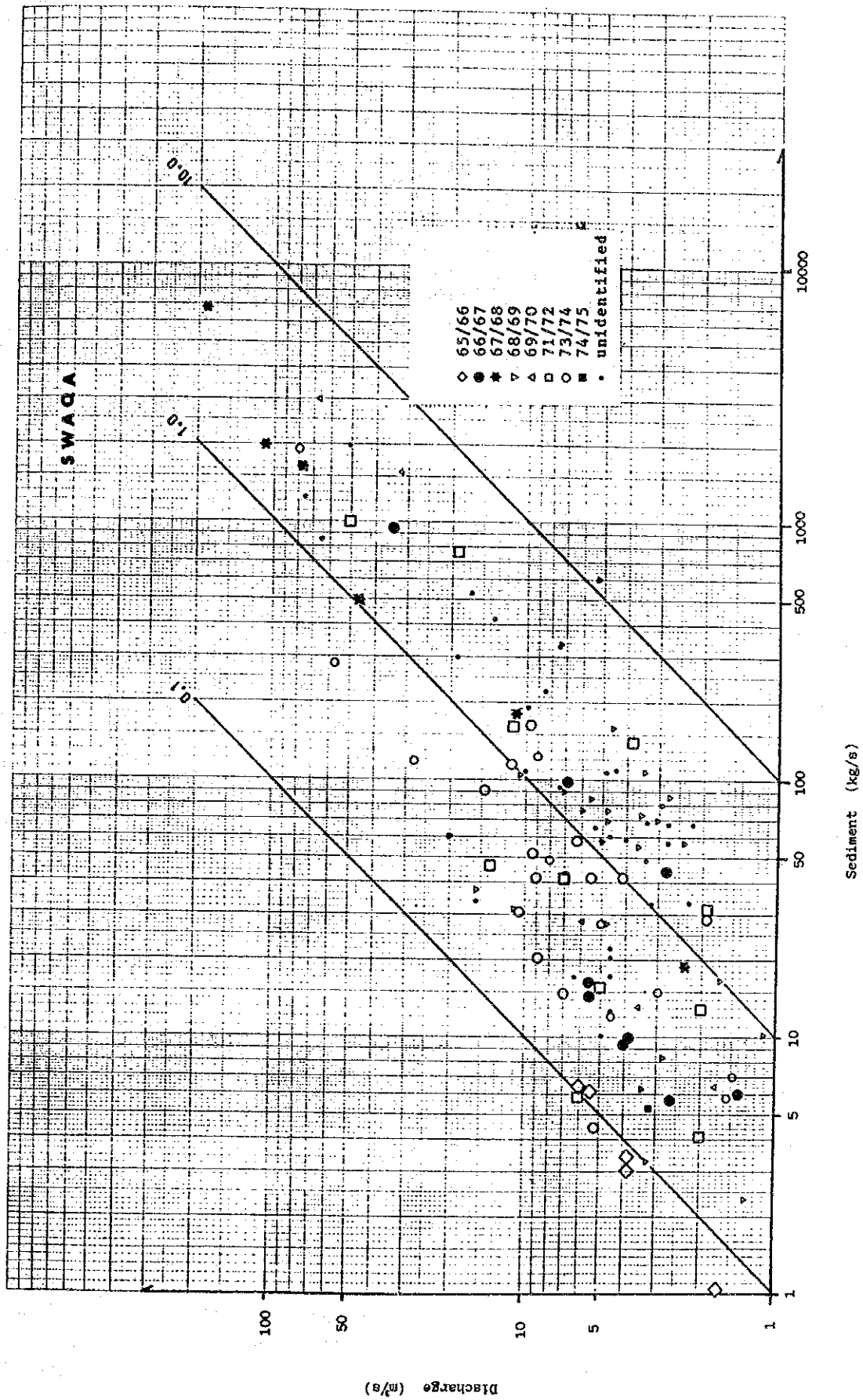


Fig.B-15
Suspended Load Rating Curve at
Wadi Siwaqa Gauging Station

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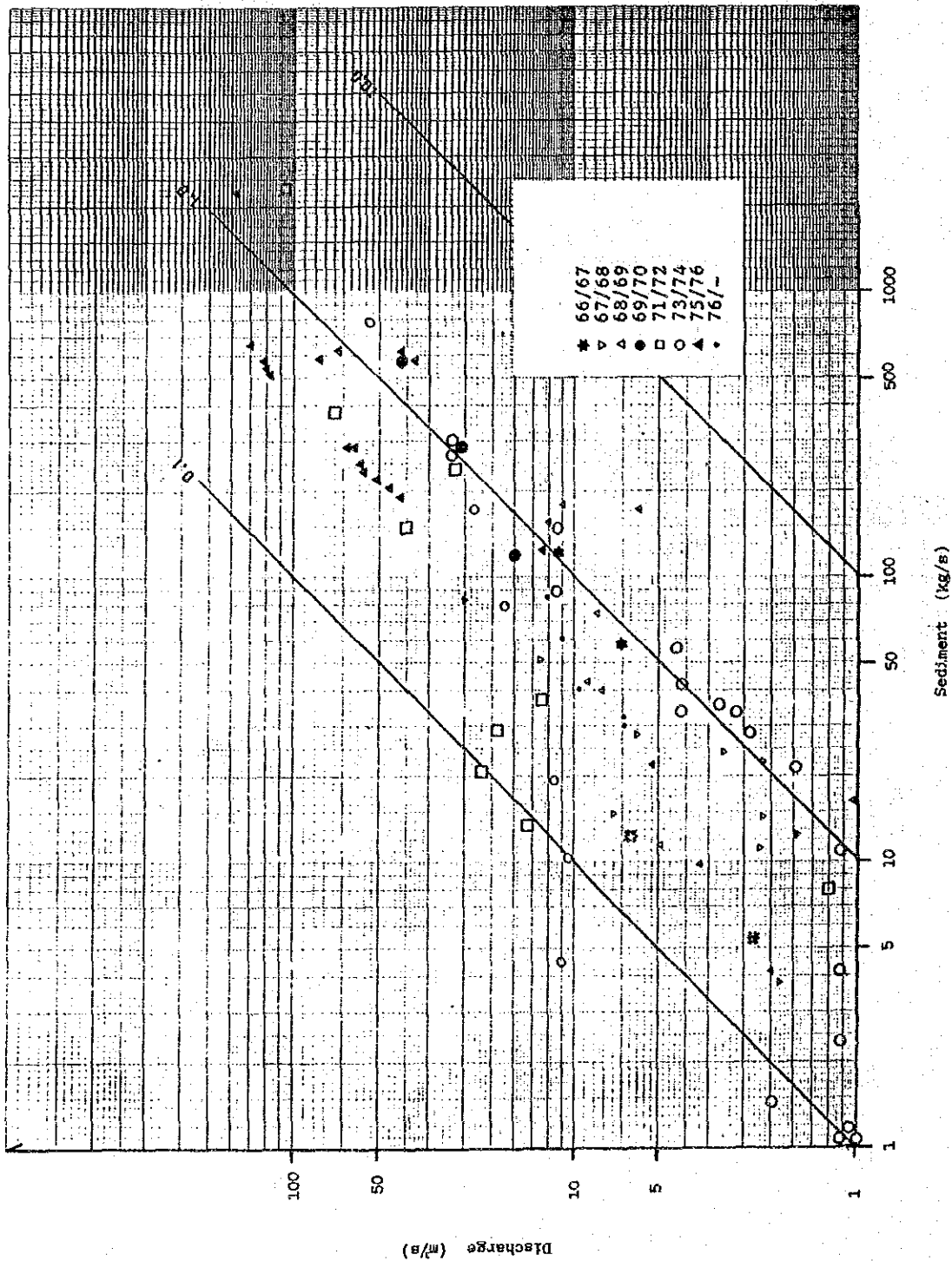


Fig.B-16
Suspended Load Rating Curve at
Wadi Mujib Gauging Station

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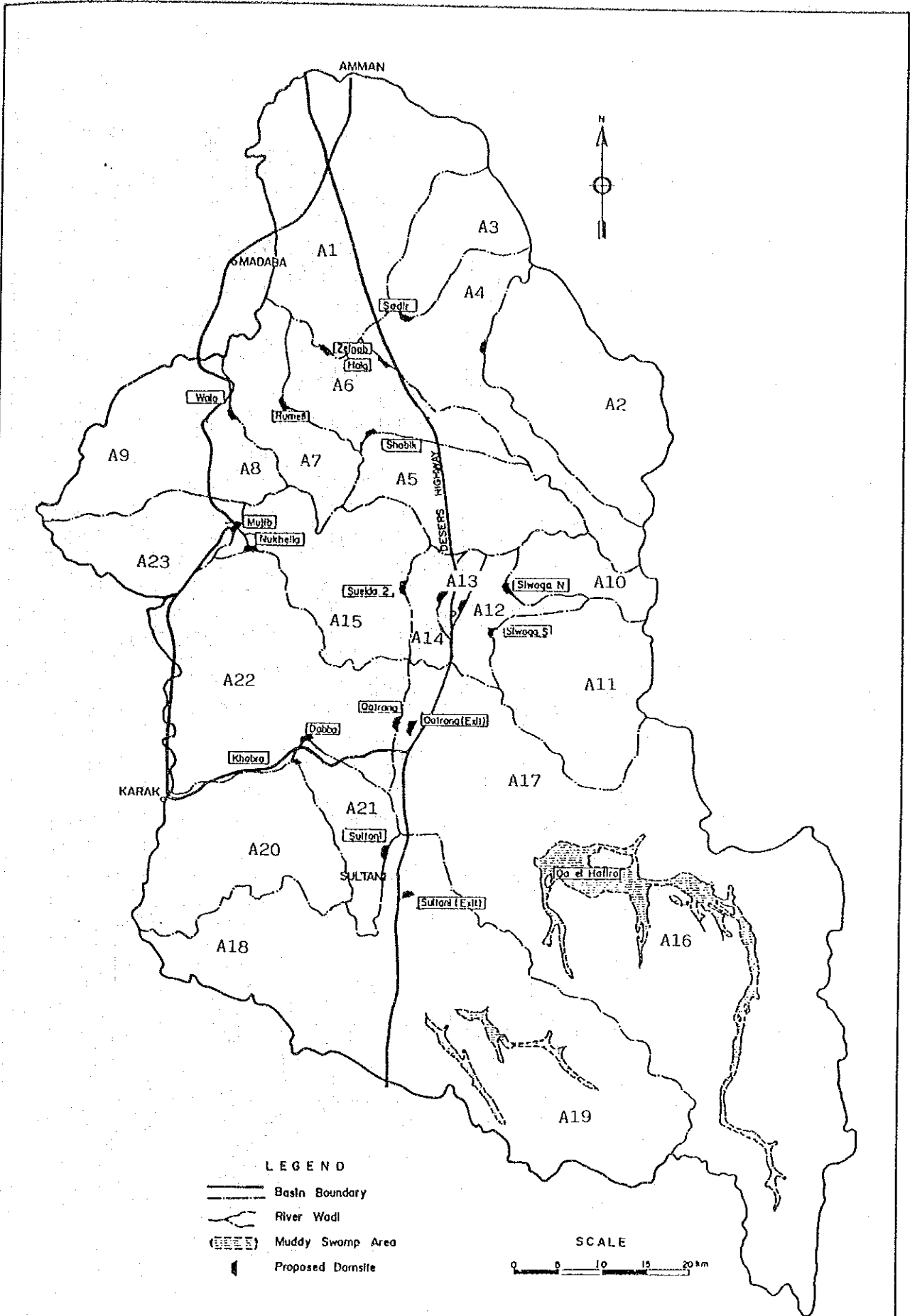


Fig.B-17 Basin Division

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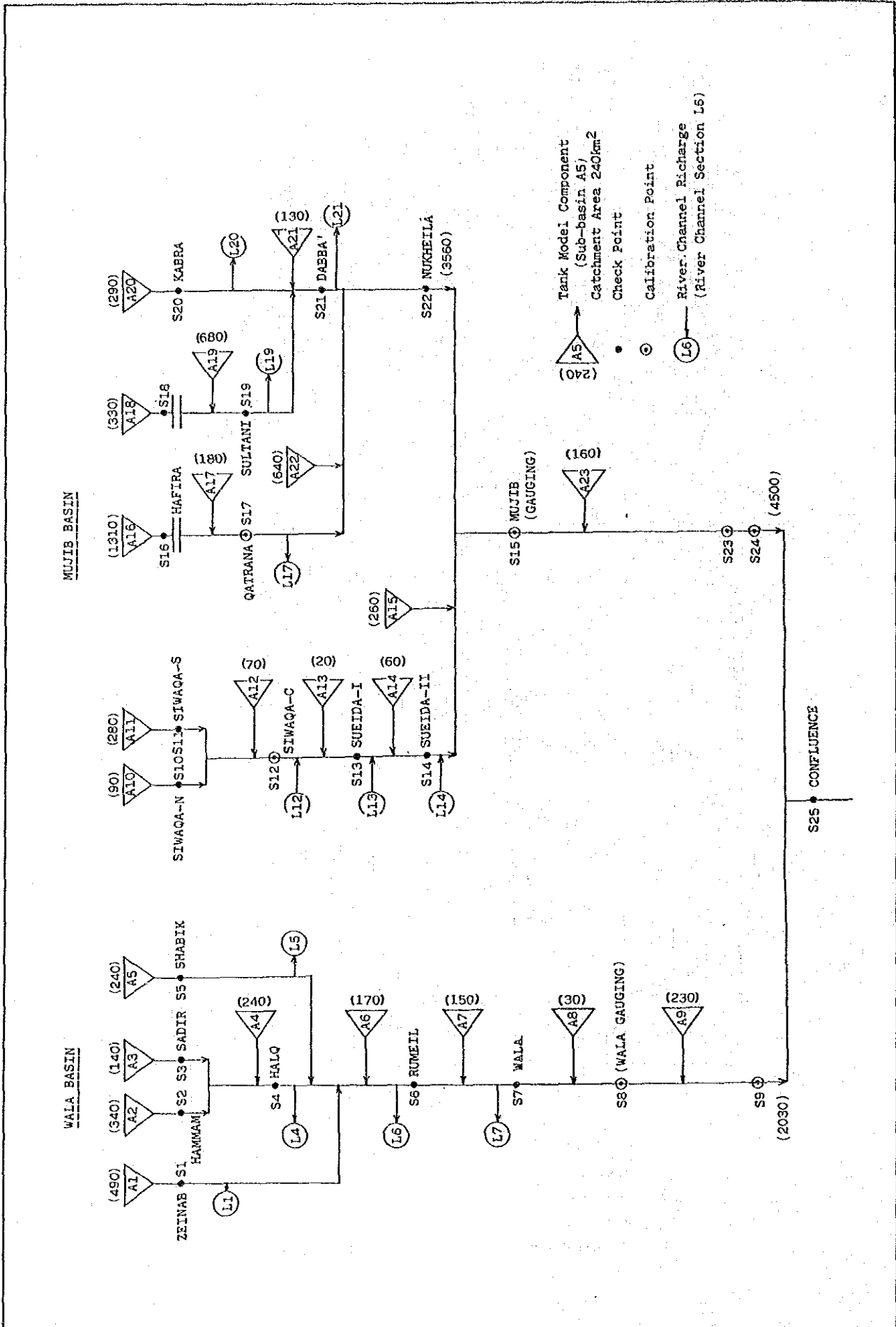


Fig.B-18 Basin Model

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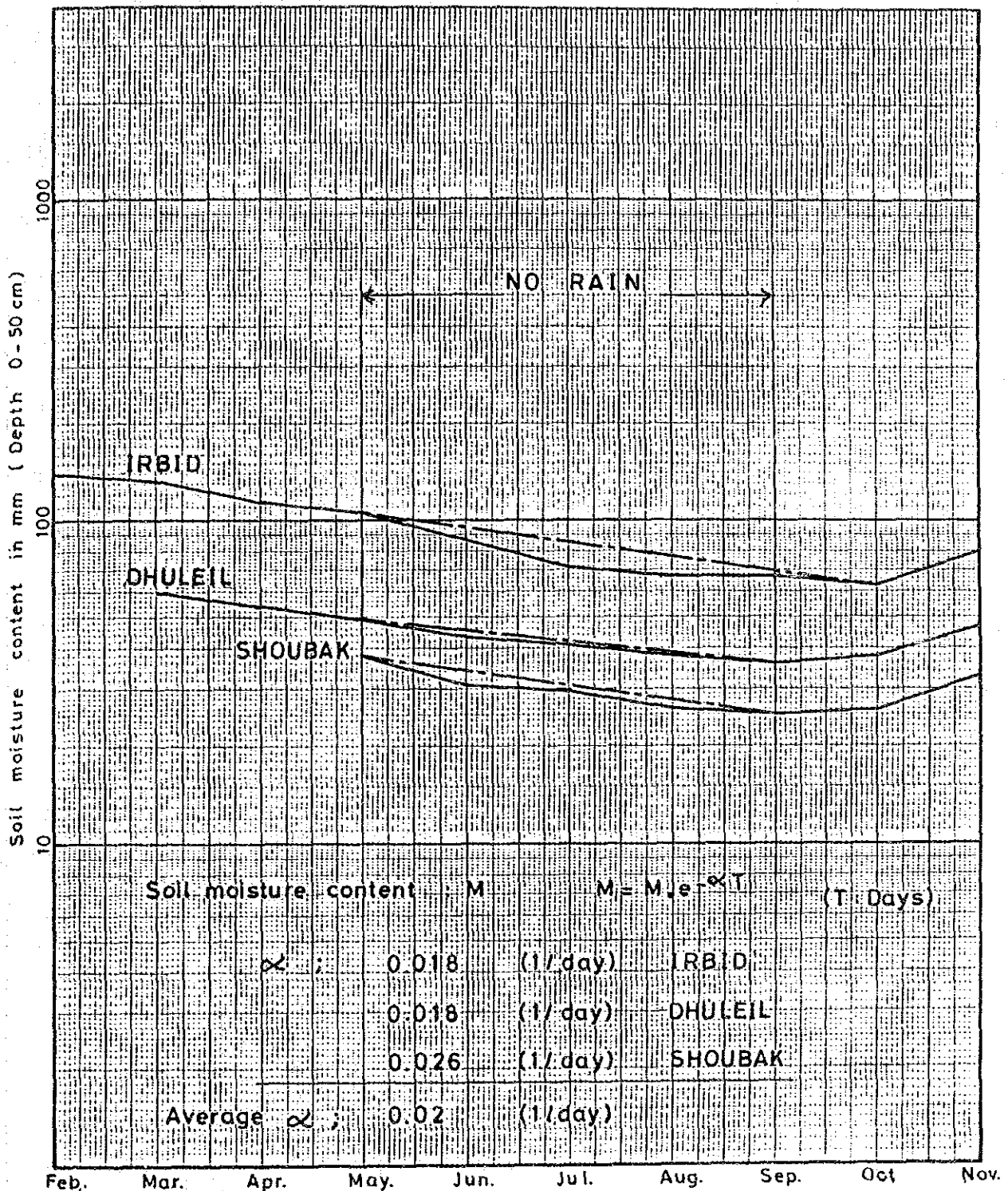


Fig.B-19

Average Soil Moisture Decrease Ratio

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 STUDY OF THE MUJIB WATERSHED

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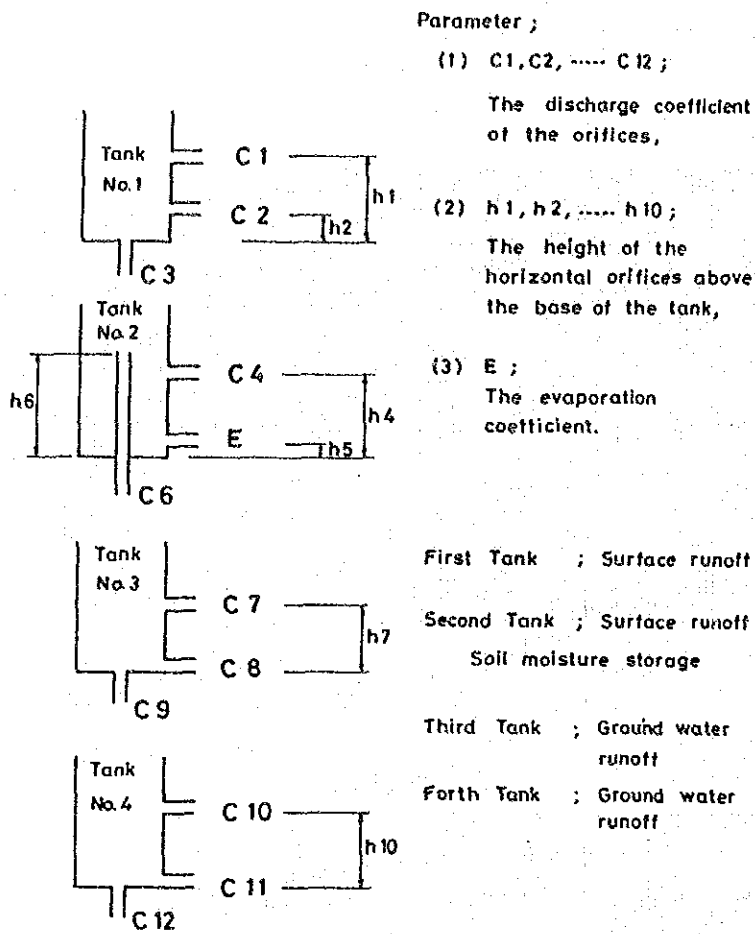


Fig.B-20 Tank Model Component

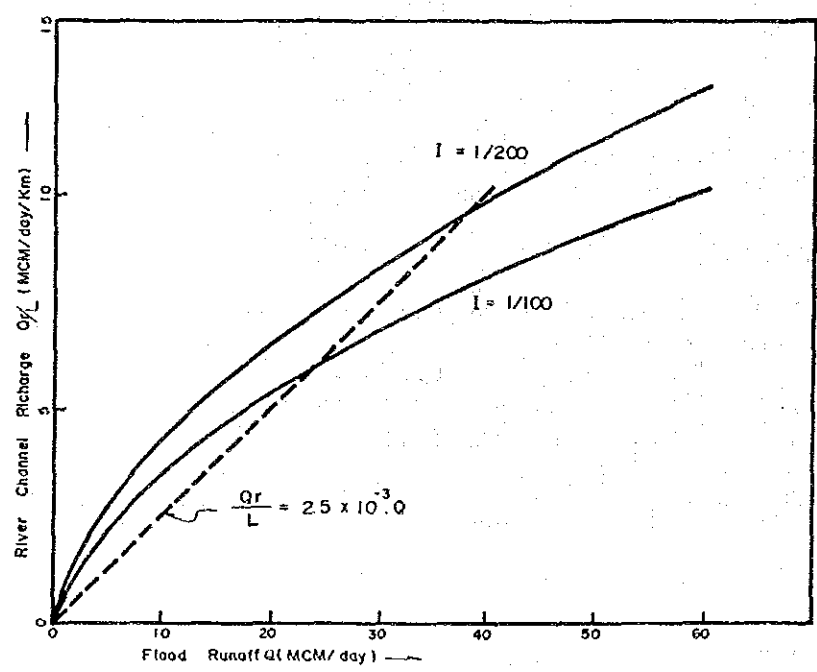


Fig.B-21 River Channel Recharge

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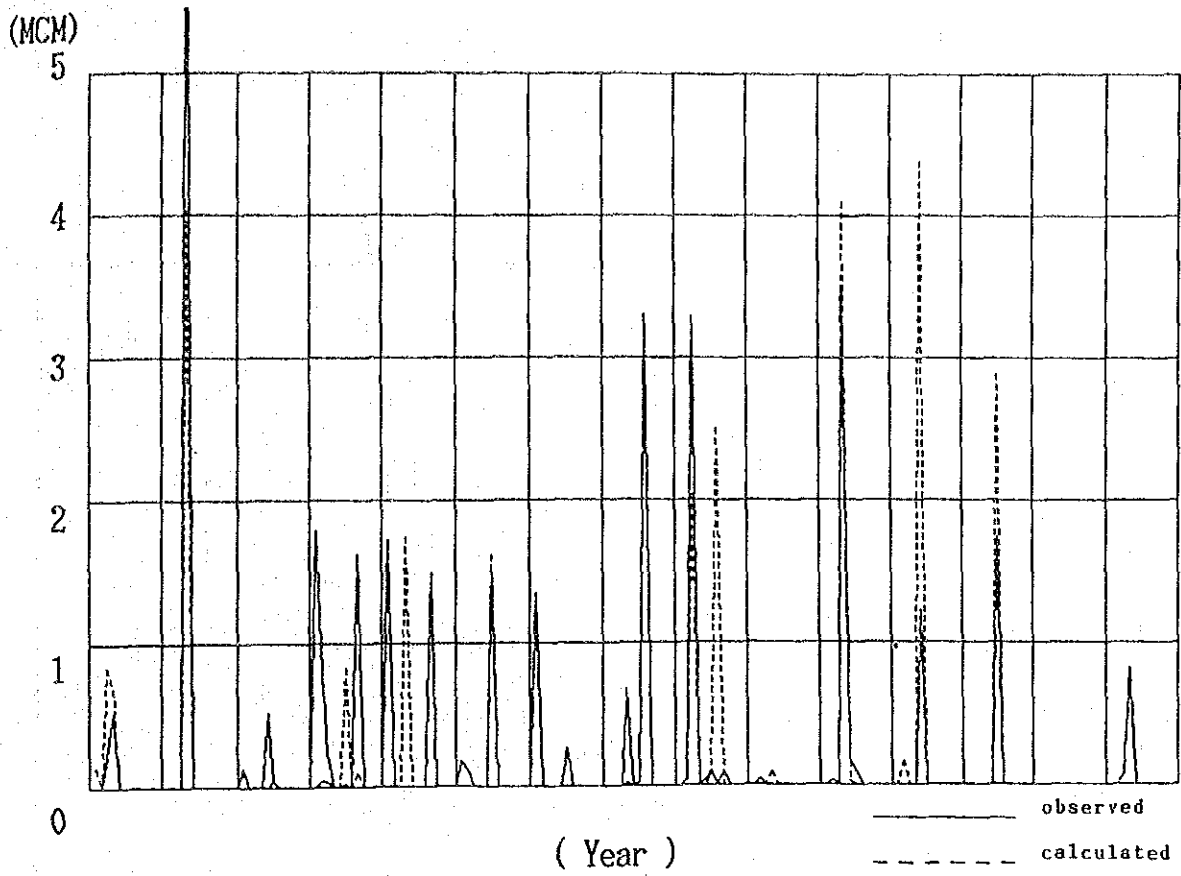


Fig.B-22 Flood Hydrograph at Gauging Station (Wadi Siwaqa)

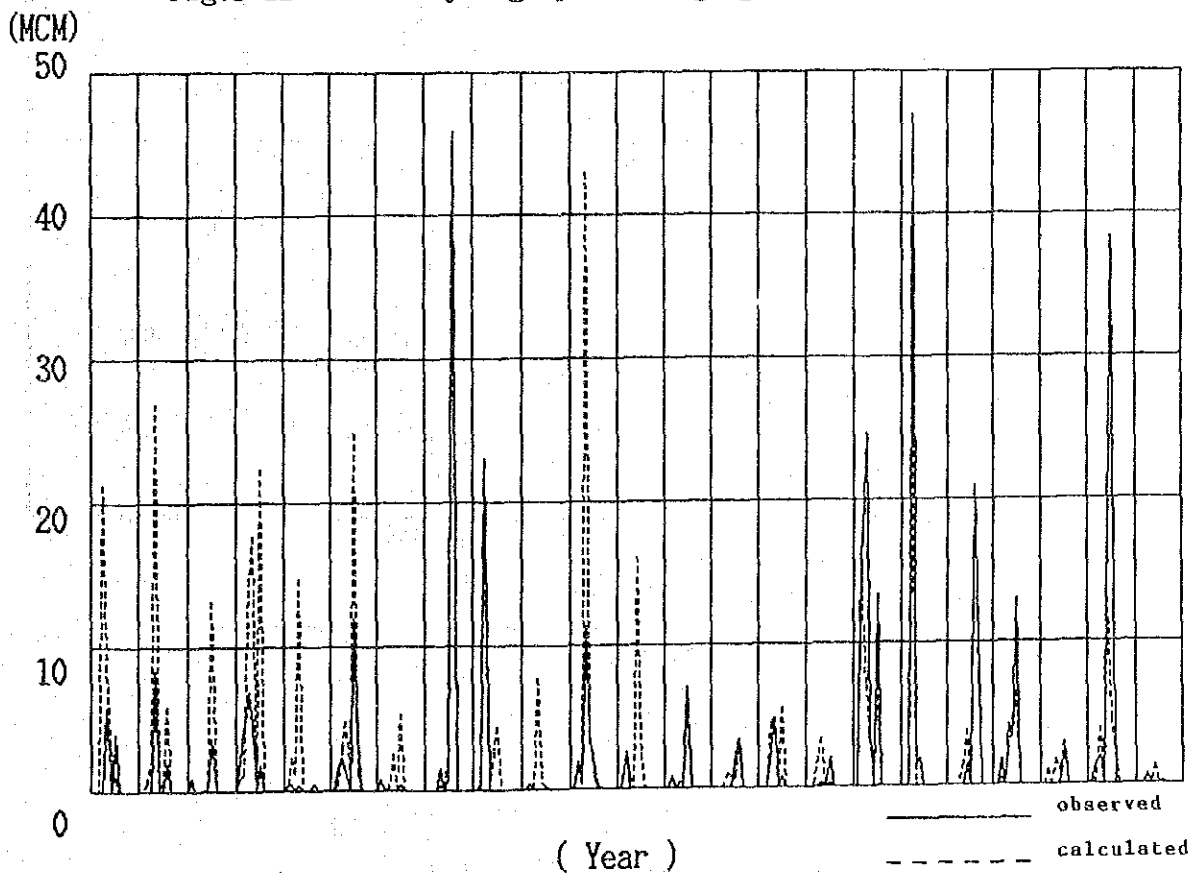


Fig.F-23 Flood Hydrograph at Gauging Station (Wadi Wala)

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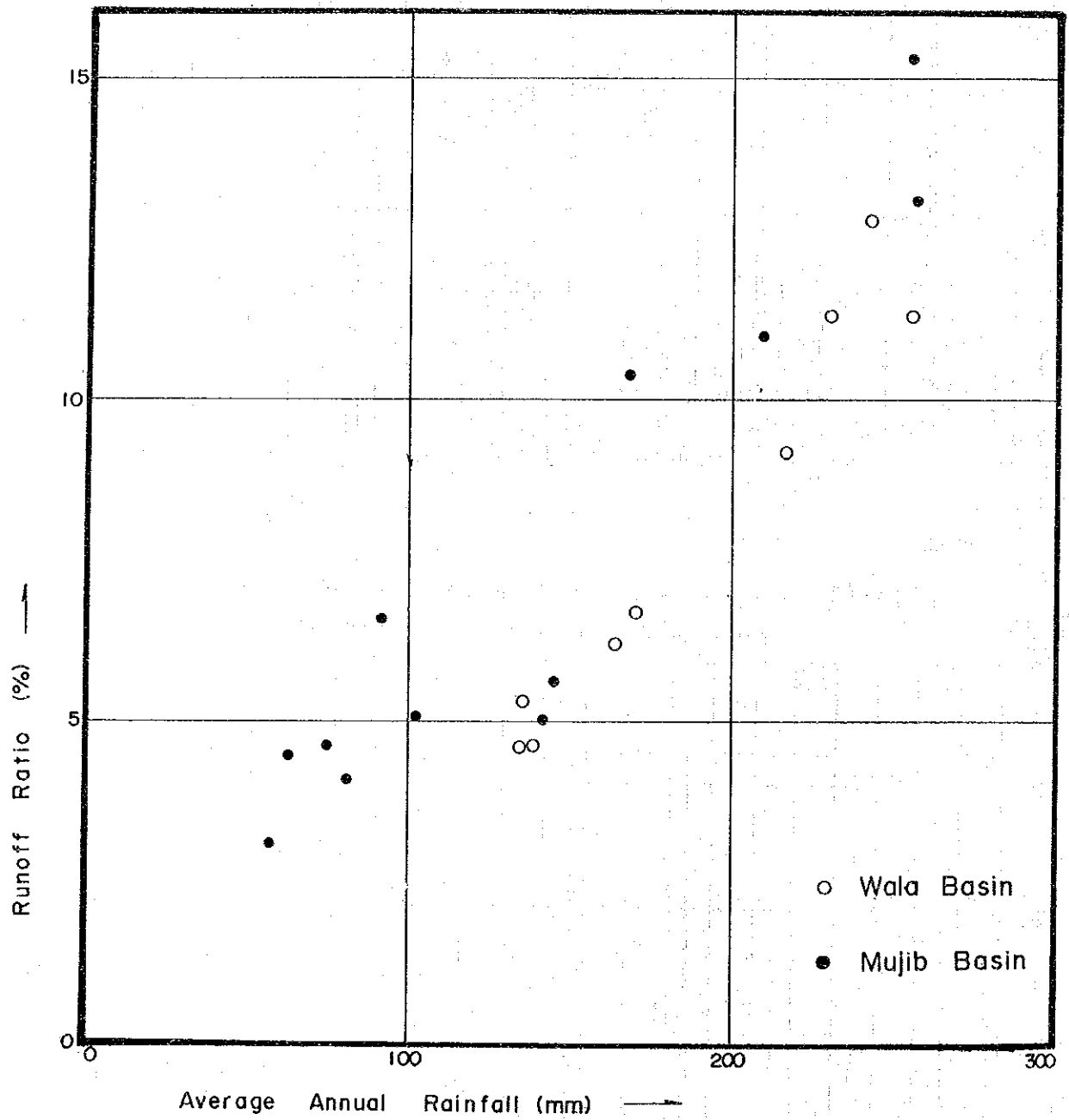


Fig.B-24 Estimated Runoff Coefficient in Sub-Basins

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