| Cosic | Name | Coordinate |  |  | Height (EL:m) | Period of Record |  |  |
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|  |  |  | Latitude | Longitude |  | Start | Close | Yeass |
| 9137123 | MANGU HIGHSCHOOL | S | $00^{\circ} 1400{ }^{\circ} \mathrm{E}$ | $37^{\circ} 0200{ }^{\prime \prime}$ | 1630 | 1972 |  |  |
| 9137124 | xima estate | S | $000360^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37{ }^{\circ} 1600^{\prime \prime}$ | 1430 | 1973 |  | 5 |
| 9137125 | kinyata chiefs centre | S | $00^{\circ} 00^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 388^{\circ} 0^{\prime \prime}$ | 1312 | 1974 |  | 12 |
| 9137126 | MiSELENI | S | $00^{\circ} 10^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 21^{\circ} 00^{\prime \prime}$ | 1378 | 1978 |  | 6 |
| 9137127 | MBIINI PRIMARY SCHOOL | S | $00^{\circ} 34000^{\prime \prime} \mathrm{E}$ | $37^{\circ} 21^{\prime 0} 00^{\prime \prime}$ | 1476 | 1977 |  | 11 |
| 9137128 | KANGONDI VYULYA G.SEC. SCHOOL | S | $00^{\circ} 07000^{\prime \prime} \mathrm{E}$ | $37{ }^{\circ} 2700^{\prime \prime}$ | 2476 | 1974 |  | 4 |
| 9137129 | MUTHETHENI CHIEFS OFFICE | S | $00^{\circ} 10^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 3000{ }^{\prime \prime}$ | 1476 | 1974 |  | 13 |
| 9137130 | MUU SECONDARY SCHOOL | S | $00^{\circ} 10^{\prime} 00^{\prime \prime} \mathrm{E}$ | $3793500^{\circ}$ | 1328 | 1976 |  | 3 |
| 9137131 | Mango sub-location | S | 00\%0300" E | $37{ }^{\circ} 25^{\circ} 00^{\prime \prime}$ | 1410 | 1976 |  | 13 |
| 9137132 | Kibaunt chiefs centre | S | $00^{\circ} 10^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 39^{\circ} 00^{\prime \prime}$ | 1312 | 1976 |  | 7 |
| 9137133 | THAVU PRIMARY SCHOOL | S | $00^{\circ} 37700^{\circ} \mathrm{E}$ | $37^{\circ} 4700^{*}$ | 1115 | 1974 |  | 12 |
| 9137134 | KATHONZWENI SECONDARY SCHOXOL | S | $00^{\circ} 35^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 43000^{\prime \prime}$ | 1148 | 1974 |  | 3 |
| 9137135 | ITITU PRIMARY SCHOOL MAKUENI | S | $00^{\circ} 25^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 43{ }^{\circ} 00^{\prime \prime}$ | 1155 | 1974 |  | 2 |
| 9137136 | kola subhicentre | S | $00^{\circ} 22^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 2700{ }^{\prime \prime}$ | 1476 | 1976 |  | 6 |
| 9137137 | KaSANGUNI SUB Chiefs office | S | $00^{\circ} 2400^{\prime \prime} \mathrm{E}$ | $37{ }^{\circ} 1900^{\prime \prime}$ | 1610 | 1974 |  | 2 |
| 9137138 | KITHEINI PRIMARY SCIIOOL | S | 00 ${ }^{\circ} 3300{ }^{\prime \prime}$ E | $37^{\circ} 2600{ }^{\circ}$ | 1706 | 1975 |  | 11 |
| 9137139 | Kalawa health centre | S | $00^{\circ} 19^{\prime} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 4200{ }^{\prime \prime}$ | 1246 | 1975 |  | 12 |
| 9137140 | UPETE CIHEFS CENTRE | S | $00^{\circ} 31^{\prime} 00^{\circ} \mathrm{E}$ | $37^{\circ} 21^{\circ} 00^{\prime \prime}$ | 1574 | 1976 |  | 5 |
| 9137141 | KIONGWANI PRIMARY SCHOOL | S | $00^{\circ} 34^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 18{ }^{\circ} 00^{\prime \prime}$ | 1492 | 1974 |  | 2 |
| 9137142 | MITABONI HEALTH CENTRE | S | $00^{\circ} 0 \chi^{\prime} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 1500^{\prime \prime}$ | 1640 | 1976 |  | 13 |
| 9137143 | Mash Chiefs office | S | $00^{\circ} 08^{\prime} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 2700^{\prime \prime}$ | 1443 | 1974 |  | 14 |
| 9137144 | KIKOKO CATHOLIC MISSION | S | $00^{\circ} 28^{\prime} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 2400^{\circ}$ | 1968 | 1974 |  | 3 |
| 9137145 | Mavindini dispensary | S | 00 ${ }^{\circ} 29000^{\prime \prime}$ E | $37^{\circ} 4700^{\circ}$ | 1148 | 1978 |  | 11 |
| 9137146 | Kiteta chiefs office | S | $00^{\circ} 1400^{\prime \prime} \mathrm{E}$ | $37{ }^{\circ} 32^{\prime 0} 0^{\prime \prime}$ | 1312 | 1975 |  | 13 |
| 9137147 | OXIA CHIEFS OFFICE | S | $00^{\circ} 26600^{\circ} \mathrm{E}$ | 3793300' | 1312 | 1974 |  | 4 |
| 9137148 | OXIA GIRLS SECONDARY SCHOOL | S | $00^{\circ} 244^{\prime} 00^{\prime \prime} \mathrm{E}$ | $37{ }^{\circ} 3100{ }^{\circ}$ | 1476 | 1975 |  | 5 |
| 9137149 | KISAU CHIEFS CAMP | S | $00^{\circ} 18^{\prime} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 33^{\prime \prime}$ | 1279 | 1976 |  | 10 |
| 9137150 | WAMUNYU CHIEFS OFFICE | S | $00^{\circ} 04600^{\circ} \mathrm{E}$ | $37^{\circ} 35000^{\prime \prime}$ | 1312 | 1974 |  | 8 |
| 9137151 | KANYAA PRIMARY SCHOOL | S | $00^{\circ} 13600^{\circ} \mathrm{E}$ | $37^{\circ} 5800{ }^{\prime \prime}$ | 1312 | 1974 |  |  |
| 9137152 | N7. ${ }^{\text {WWA PRIMARY SCHOOL }}$ | S | $00^{\circ} 1600{ }^{\circ} \mathrm{E}$ | $37^{\circ} 54^{\prime} 00^{\prime \prime}$ | 1312 | 1974 |  |  |
| 9137153 | MWAKINI RANCHING CO.OP SOCIETY | S | $00^{\circ} 08^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 44^{\prime} 00^{\prime \prime}$ | 1312 | 1974 |  |  |
| 9137154 | KANYONYOONI RANCH | S | $00^{\circ} 1400{ }^{\prime \prime}$ E | $37^{\circ} 4000{ }^{\prime \prime}$ | 1378 | 1974 |  |  |
| 9137155 | MIKUYUNI GOAT \& SHEEP PROIECT | $s$ | $00^{\circ} 01^{\prime} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 50^{\circ} 00^{\prime \prime}$ | 1246 | 1974 |  | 10 |
| 9137156 | Katulani chiefs office | S | $00^{\circ} 1000 \cdot \mathrm{E}$ | $37.5700^{\prime \prime}$ | 1115 | 1974 |  | 1 |
| 9137157 | MANDONGOI AGRICULTURALHOUSE | S | $00^{\circ} 21^{10} 0^{\prime \prime} \mathrm{E}$ | $37^{\circ} 55^{\circ} 00^{\prime \prime}$ | 968 | 1974 |  | 6 |
| 9137158 | IVOVWE BARRIER | 5 | $00^{\circ} 0200^{\prime \prime} \mathrm{E}$ | 37*5200" | 1181 | 1974 |  | 4 |
| 9137159 | ILIKA MARKET | S | $00^{\circ} 13^{10} 00^{\circ} \mathrm{E}$ | $37^{\circ} 4600{ }^{\circ}$ | 1066 | 1974 |  | 3 |
| 9137160 | KAUWI PRIMARY SCHOOL | S | $00^{\circ} 06000^{\prime \prime} \mathrm{E}$ | $37^{\circ} 55^{\circ} 00^{\circ}$ | 1312 | 1976 |  | 9 |
| 9137161 | THITANI PRIMARY SCHOOL | S | $00^{\circ} 18^{\circ} 00^{\prime \prime} \mathrm{E}$ | 37.5500 | 1214 | 1974 |  |  |
| 9137162 | YATTA FIELD UNTT (N.Y.S.) | S | $00^{\circ} 1300^{\prime \prime} \mathrm{E}$ | $37^{\circ} 2300^{\circ}$ | 1493 | 1976 |  | 10 |
| 9137163 | MATIANI PRIMARY SCIHOOL | S | 00\%2800' E | $37^{\circ} 1900{ }^{\prime \prime}$ | 1935 | 1975 |  | 3 |
| 9137164 | Katangi primary school | S | $00^{\circ} 0400^{\prime \prime} \mathrm{E}$ | $37.41^{\circ} 00^{\circ}$ | 1361 | 1977 |  | 4 |
| 9137165 | IANDUNZ PRIMARY SCHOOL | S | $00^{\circ} 32000^{\circ} \mathrm{E}$ | $37^{\circ} 2000^{\prime \prime}$ | 1758 | 1977 |  | 10 |
| 9137166 | KITHIOKO PRIMARY SCHOOL | S | $00^{\circ} 1700^{\prime \prime} \mathrm{E}$ | $37^{\circ} 5000{ }^{\prime}$ | 1214 | 1978 |  | 7 |
| 9137167 | KYUMBE PRIMARY SCHOOL | S | $00^{\circ} 3700{ }^{\prime \prime} \mathrm{E}$ | $37^{\circ} 26000^{\prime \prime}$ | 1384 | 1977 |  | 10 |
| 9137168 | KIIMA KIU PRIMARY SCHOOL | S | $00^{\circ} 30000^{\prime \prime} \mathrm{E}$ | $37^{\circ} 1600^{\circ}$ | 1738 | 1976 |  | 11 |
| 9137169 | MUKAA PRIMARY SCHOOL | 5 | $00^{\circ} 30000^{\prime \prime} \mathrm{E}$ | $37^{\circ} 20^{\circ} 00^{\prime \prime}$ | 1781 | 1976 |  | 3 |
| 9137170 | NGII TOBACCO PLANTATION KAKUZI | S | $00^{\circ} 1600{ }^{\prime \prime}$ E | $37^{\circ} 2200^{\circ}$ | 1410 | 1976 |  | 7 |
| 9137171 | KILEMBWA SUB-CHIEFS CAMP | S | $00^{\circ} 01000^{\circ} \mathrm{E}$ | $37^{\circ} 3300{ }^{\prime \prime}$ | 1279 | 1977 |  |  |
| 9137172 | LEMA SUB CHIEFS HOME | S | 00\%0700"E | $37^{\circ} 35^{\prime} 00^{\prime \prime}$ | 1312 | 1977 |  | 6 |
| 9137173 | KYAWANGO SUB CHEFS HOME | S | 00\%0100' | $37^{\circ} 3000{ }^{\circ}$ | 1312 | 1977 |  |  |
| 9137174 | NDALANI CHIEFS CENTRE | S | $00^{\circ} 14000^{\prime \prime} \mathrm{E}$ | $37^{\circ} 29000^{\circ}$ | 1230 | 1977 |  | 6 |
| 9137175 | KWANDOO SUB CHIEFS HOME | S | $00^{\circ} 0100^{\prime \prime} \mathrm{E}$ | 37\%2600" | 1361 | 1977 |  | 2 |
| 9137176 | MATHUNTHINI ASSTCHIEFS HOME | S | $00^{\circ} 04^{\prime} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 28^{\prime} 00^{\prime \prime}$ | 1410 | 1977 |  |  |
| 9137177 | MITINYANI SECONDARY SCHCOL | S | $00^{\circ} 0200^{\circ \prime} \mathrm{E}$ | $37^{\circ} 5900{ }^{\circ}$ | 1246 | 1977 |  | 5 |
| 9137178 | KWAKULU PRIMARY SCIOOL: | S | $00^{\circ} 1700^{\prime \prime} \mathrm{E}$ | $37^{\circ} 2400^{\circ}$ | 1345 | 1977 |  | 7. |


|  |  | Coordinate |  |  | $\begin{gathered} \text { Height } \\ (E L ; m) \end{gathered}$ | Period of Record |  |  |
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| Code | Name |  | Latilude | Longitude |  | Start | Close | Yeas |
| 9137179 | ISLAND FARM THIKA | S | $00^{\circ} 1700^{\prime \prime} \mathrm{E}$ | $37^{\circ} 01^{\prime} 00^{\prime \prime}$ | 1673 | 1977 |  |  |
| 9137180 | MACHAKOS F.T.C. | S | $00^{\circ} 1200^{\prime \prime} \mathrm{E}$ | $37^{\circ} 14^{\circ} 00^{\circ}$ | 1692 | 1978 |  | 8 |
| 9137181 | MBIUNI CHIEFS OFFICE | S | $00^{\circ} 0500{ }^{\circ} \mathrm{E}$ | $37^{\circ} 1400{ }^{\circ}$ | 1312 | 1979 |  | 8 |
| 9137182 | KATUTU PRIMARY SCHOOL | S | $00 \% 0900^{-1} \mathrm{E}$ | $37^{\circ} 5000{ }^{\circ}$ | 1328 | 1980 |  |  |
| 9137184 | KAVUKO PRIMARY SCHOOL | S | $00^{\circ} 33000{ }^{\prime \prime}$ | $37^{\circ} 1700^{\prime \prime}$ | 1476 | 1980 |  | 4 |
| 9137185 | KALIMA FARM | S | $00^{\circ} 39000^{\prime \prime} \mathrm{E}$ | $37^{\circ} 22^{\circ} 00^{\circ}$ | 1305 | 1980 |  |  |
| 9137186 | KYANGALA CHIEFS OFFICE | S | 000 $0^{\circ} 18000^{\prime \prime} \mathrm{E}$ | $37^{\circ} 2000{ }^{\prime \prime}$ | 1804 | 1980 |  |  |
| 9137187 | KITHUMBA PRIMIARY SCHOOL | S | $00^{\circ} 34000{ }^{\prime \prime}$ | $37^{\circ} 3000{ }^{\prime \prime}$ | 1804 | 1980 |  | 7 |
| 9137188 | IVETI FOREST RESEARCH STATION | S | 00 ${ }^{\circ} 099^{\prime 0} 0^{\prime \prime} \mathrm{E}$ | $37^{\circ} 1700^{\prime \prime}$ | 2283 | 1980 |  | 3 |
| 9137189 | KWAKASEKE P.SCHOOL | S | $00^{\circ} 3100{ }^{\prime \prime} \mathrm{E}$ | $37^{\circ} 1800{ }^{\prime \prime}$ | 1689 | 1981 |  | 4 |
| 9137190 | A.D.C. ASTRA RANCH | S | $00^{\circ} 2300{ }^{\circ} \mathrm{E}$ | $37^{\circ} 09^{\circ} 00^{\prime \prime}$ | 1804 | 1981 |  |  |
| 9837191 | KALEMBANI \& NGAAMBA CO. LTD. | S | $00^{\circ} 35000^{\prime \prime} \mathrm{E}$ | $37{ }^{\circ} 5^{\prime} 00^{*}$ | 1492 | 1982 |  | 4 |
| 9137192 | UKAMBA AGRIINSTITUTE FARM | S | $00^{\circ} 02^{\circ} 00^{\circ} \mathrm{E}$ | $37^{\circ} 45^{\circ} 00^{\prime}$ | 1246 | 1984 |  | 2 |
| 9137193 | KITHUMANI FARMERS C.SOCIETY | S | $00^{\circ} 36000^{\prime \prime} \mathrm{E}$ | $37^{\circ} 2800{ }^{\circ}$ | 1679 | 1984 |  |  |
| 9137194 | MUKUYUNI SECONDARY SCHOOL | S | $00^{\circ} 24.00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 28^{\circ} 00^{\circ}$ | 1378 | 1985 |  | 3 |
| 9137195 | KAKULULO PRIMARY SCHOOL | $s$ | $00^{\circ} 1600{ }^{\circ} \mathrm{E}$ | 37-5200" | 1214 | 1985 |  |  |
| 9137196 | MAMOLE PRIMIARY SCHOOL | S | $00^{\circ} 0800^{\prime \prime} \mathrm{E}$ | $37^{\circ} 4800{ }^{\circ}$ | 1148 | 1985 |  |  |
| 9137197 | Mamba TREE NURSERY | S | $00^{\circ} 1300^{\prime \prime} \mathrm{E}$ | $37^{\circ} 2500{ }^{\prime \prime}$ | 1200 | 1985 |  |  |
| 9137198 | MBEMBANI IATINENI PR.SCHOOL | S | 00 ${ }^{\circ} 1700{ }^{\prime \prime}$ | $37^{\circ} 3000{ }^{\prime \prime}$ | 1140 | 1985 |  |  |
| 9137199 | MBIANI KOMA ROGK | S | $00^{\circ} 01^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 1100{ }^{\prime \prime}$ | 1640 | 1985 |  |  |
| 9138000 | kitul agricultural station | S | $00^{\circ} 0200{ }^{\circ} \mathrm{E}$ | $38^{\circ} 0100{ }^{\prime \prime}$ | 1266 | 1908 |  | 78 |
| 9138001 | MUTOMO agricultural station | S | $00^{\circ} 3100{ }^{-1} \mathrm{E}$ | $38^{\circ} 1200{ }^{\prime \prime}$ | 984 | 1947 |  | 42 |
| 9138002 | KITUI MULANGO AFRICA INLAND MISS | S | $00^{\circ} 05^{\circ} 00^{\circ} \mathrm{E}$ | $38^{\circ} 0100^{\prime \prime}$ | 1050 | 1943 |  | 44 |
| 9138003 | KITUI SECONDARY SCHOOL | S | $00^{\circ} 0200^{\circ} \mathrm{E}$ | $38^{\circ} 0100^{\circ}$ | 1246 | 1949 |  | 38 |
| 9138004 | ZOMBE CIIEFS CAMP | $S$ | $00^{\circ} 0700^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1400^{\prime \prime}$ | 656 | 1944 |  | 41 |
| 9138005 | K!TUI MIGWANI HEALTH CENTRE | S | $00^{\circ} 1400^{\circ} \mathrm{E}$ | $38^{\circ} 0100^{\circ}$ | 1312 | 1944 |  | 38 |
| 9138006 | KITUI KANZIKO ClIIEFS CENTRE | S | $00^{\circ} 38^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 2100^{\prime \prime}$ | 754 | 1943 |  | 44 |
| 9138007 | KITUI VOO DISPENSARY | S | $00^{\circ} 20^{\circ} 00^{\circ} \mathrm{E}$ | $38^{\circ} 20000^{\circ}$ | 656 | 1946 |  | 40 |
| 9138008 | MUI CHIFS CAMP | S | $00^{\circ} 13000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1300{ }^{\prime \prime}$ | 918 | 1942 |  | 46 |
| 9138009 | Kitul nuu chief S centre | S | $00^{\circ} 1700^{\prime \prime} \mathrm{E}$ | $38{ }^{\circ} 2200^{\prime \prime}$ | 984 | 1948 |  | 24 |
| 9138010 | mutha chiefs camp | $s$ | 000 $2700^{\prime \prime} \mathrm{E}$ | $38^{\circ} 250^{\circ \prime}$ | 722 | 1949 |  | 32 |
| 9138011 | ENDAU DISPENSARY | S | $00^{\circ} 0400^{\prime \prime} \mathrm{E}$ | $38^{\circ} 3100^{\prime \prime}$ | 492 | 1951 |  | 35 |
| 9138012 | KITUIMUTITO CHIEFS CAMP | S | $00^{\circ} 0700^{\prime \prime} \mathrm{E}$ | $38^{\circ} 11^{\prime} 00^{\prime \prime}$ | 902 | 1960 |  | 23 |
| 9138013 | IKANGA CHIEFS CAMP | S | 000 $23000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 0400^{\prime \prime}$ | 918 | 1980 |  | 18 |
| 9138014 | KITUI WATER DAM | S | 00\%0200'E | $38^{\circ} 00^{\circ} 00^{\prime \prime}$ | 1230 | 1963 |  | 23 |
| 9138015 | NUFIELD BETTER LIVING INST. | S | 000\%0200'E | $38^{\circ} 01^{\prime} 00^{\prime \prime}$ | 1246 | 1961 | 1967 |  |
| 9138016 | KYOME SECONDARY SCIOOL | 5 | $00^{\circ} 15^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 03^{\circ} 00^{\prime \prime}$ | 1345 | 1970 |  | 17 |
| 9138017 | KINAKONI SUB CHIEF'S OFFICE | 5 | $00^{\circ} 2300^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1500^{\prime \prime}$ | 787 | 1974 |  | 9 |
| 9138018 | KIVIUNI PRIMARY SCHCOL | S | 00\% $3000{ }^{\prime \prime} \mathrm{E}$ | $38^{\circ} 19000^{\prime \prime}$ | 853 | 1974 |  | 12 |
| 9138019 | KYATUNE SUB CHIEFS CAMP | S | $00^{\circ} 2600^{\prime \prime} \mathrm{E}$ | $38^{\circ} 0700^{\prime \prime}$ | 918 | 1974 |  | 7 |
| 9138020 | KYamatu sub chiefs camp | S | $00^{\circ} 14000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 222^{\prime \prime} 0^{\prime \prime}$ | 722 | 1974 |  | 9 |
| 9138021 | KALIXU PRIMARY SCHOOL | S | $00^{\circ} 02^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 188^{\circ} 0^{-1}$ | 787 | 1974 |  |  |
| 9138022 | Mathuki primary school | S | $00^{\circ} 18000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1400^{\prime \prime}$ | 820 | 1974 |  |  |
| 9138023 | KAWALA PRIMARY SCHOOL | S | $00^{\circ} 0300^{\prime \prime} \mathrm{E}$ | $38^{\circ} 22000^{\prime \prime}$ | 853 | 1974 |  |  |
| 9138024 | INYUU DISPENSARY | S | 00 ${ }^{\circ} 05^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 0900{ }^{\prime \prime}$ | 787 | 1974 |  | 10 |
| 9138025 | KABATI PRIMARY SCHOOL | S | 00 $0^{\circ} 0000{ }^{\circ} \mathrm{E}$ | $38^{\circ} 1300{ }^{\prime \prime}$ | 722 | 1974 |  |  |
| 9138026 | WIINGEMI PRIMARY SCHOOL | S | $00^{\circ} 1700^{\prime \prime} \mathrm{E}$ | $38^{\circ} 30^{\circ} 00^{\prime \prime}$ | 656 | 1974 |  |  |
| 9138027 | KALITINI PRIMARY SCHOOL | S | 00 ${ }^{\circ} 20000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1600^{\prime \prime}$ | 918 | 1974 |  |  |
| 9138028 | TWAMBUI PRIMARY SCOOL | S | 00\%0700" E | $38^{\circ} 39000^{\prime \prime}$ | 525 | 1974 |  |  |
| 9138029 | KATUMBI PRIMARY SCHOOL. | S | $00^{\circ} 0100 \cdot$ | $38^{\circ} 3700^{\prime \prime}$ | 558 | 1974 |  | 3 |
| 9138030 | MBITINI HEALTH CENTRE | 5 | (60 $15000{ }^{\prime \prime} \mathrm{E}$ | $38^{\circ} 0700^{\prime \prime}$ | 1115 | 1974 |  | 2 |
| 9138031 | MUTHUE SUB-CHIEFS CENTRE | 5 | $00^{\circ} 3100^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1500^{\prime \prime}$ | 836 | 1974 |  | 5 |
| 9138032 | Kaliani market | $S$ | $00^{\circ} 35000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 20000^{\prime \prime}$ | 886 | 1974 |  | 9 |
| 9138033 | NYAANI PRIMARY SCHOOI. | $S$ | $00^{\circ} 14^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 21^{\prime 0} 0^{\prime \prime}$ | 918 | 1974 |  | 4 |
| 9138034 | MUSEVE PRIMARY SCHHOL | 5 | $00^{\circ} 0100{ }^{\circ} \mathrm{E}$ | $38^{\circ} 05^{\circ} 00^{\prime \prime}$ | 1181 | 1974 |  |  |
| 9138035 | ST. ANOE: AS SCHOOL MUTUNE | S | $00^{\circ} 0100^{\circ} \mathrm{E}$ | $38^{\circ} 01^{\prime} 00^{\prime \prime}$ | 1378 | 1974 |  |  |


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| Code | Nanne |  | Latitude | Longitude |  | Stan | Close | Years |
| 9138036 | CHULUNICHIEFS CENTER | S | 00 $2000{ }^{\circ} \mathrm{E}$ | $38^{\circ} 00^{\circ} 00^{\prime \prime}$ |  | 1974 |  | 12 |
| 9138037 | kisasi cliefs camp | S | $00^{\circ} 1200^{\prime \prime} \mathrm{E}$ | $38^{\circ} 01^{\prime} 00^{\prime \prime}$ | 1082 | 1974 |  | 11 |
| 9138038 | NGELANI PRIMARY SCHOOL | S | $00^{\circ} 03^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1600^{\prime \prime}$ | 787 | 1974 |  |  |
| 9138039 | Makongo primary scitool | S | $00^{\circ} 04^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 2300{ }^{\prime \prime}$ | 787 | 1974 |  |  |
| 9138010 | MUTITO FOREST STATION | S | $00^{\circ} 04^{\circ} 00^{\circ} \mathrm{E}$ | $38^{\circ} 1000{ }^{\prime \prime}$ | 1443 | 1974 |  | 11 |
| 9135041 | MakUka PRIMARY SCHOOL | S | $00^{\circ} 1200^{\prime \prime} \mathrm{E}$ | $38^{\circ} 3500^{\prime \prime}$ | 525 | 1974 |  |  |
| 9138042 | N/ERUNI PRIMGARY SCHOOL. | S | $00^{\circ} 15^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 06^{\circ} 00^{\prime \prime}$ | 1246 | 1974 |  | 6 |
| 9138013 | MWITIKA PRIMARY SCOOL. | S | $00^{\circ} 0700^{\prime \prime} \mathrm{E}$ | $38^{\circ} 18^{\circ} 00^{\prime \prime}$ | 787 | 1974 |  |  |
| 9138014 | Kaal full primary school | S | $00^{\circ} 20^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 2100^{\prime \prime}$ | 820 | 1974 |  |  |
| 9138045 | KYAWEA FOREST RESERVE | S | $00^{\circ} 0700{ }^{\circ} \mathrm{E}$ | $38^{\circ} 02^{\prime 0} 0^{\circ}$ | 1574 | 1971 |  | 17 |
| 9138046 | KABONGE FOREST RESERVE | S | 00\%00'00' E | $38^{\circ} 02000$ | 1465 | 1971 |  | 14 |
| 9138047 | Kalambani chiefs camp | S | $00^{\circ} 20000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 31^{\prime} 00^{\prime \prime}$ | 590 | 1976 |  |  |
| 9138048 | SYAMATANI CHIEFS CAMP | S | $00^{\circ} 31^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 25^{\circ} 00^{\prime \prime}$ | 787 | 1976 |  |  |
| 9138049 | KATITU FOEREST RESERVE | S | $00^{\circ} 09^{\circ} 00^{\circ \prime} \mathrm{E}$ | $38^{\circ} 08^{\circ} 00^{\prime \prime}$ | 1410 | 1976 |  |  |
| 9135050 | NDATANI PRIMARY SCHOOL | $s$ | $00^{\circ} 30^{\circ} 00^{\circ} \mathrm{E}$ | $38^{\circ} 02^{\circ} 00^{\prime \prime}$ | 951 | 1980 |  |  |
| 9138051 | ENZOU PRIMARY SCHOOL | S | $00^{\circ} 2300{ }^{\prime \prime} \mathrm{E}$ | $38^{\circ} 08^{\circ} 00^{\prime \prime}$ | 918 | 1980 |  |  |
| 9138052 | KYAANGO PRIMARY SCHDOL | S | $00^{\circ} 19^{\prime 0} 00^{\circ} \mathrm{E}$ | $38^{\circ} 1300{ }^{\prime \prime}$ | 853 | 1980 |  | 6 |
| 9138053 | miambani chiefs office | S | $00^{\circ} 14^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 06{ }^{\circ} 00^{\prime \prime}$ | 1050 | 1980 |  | , |
| 9138051 | MUSUANI PRIMARY SCHOOL. | S | 00\% $2000{ }^{\circ} \mathrm{E}$ | $38^{\circ} 000^{\circ} 0^{\prime \prime}$ | 1328 | 1980 |  |  |
| 9138055 | KEA PRIMARY SCHOOL | S | $00^{\circ} 1200{ }^{\circ} \mathrm{E}$ | $38^{\circ} 0200^{\prime \prime}$ | 1378 | 1980 |  | 5 |
| 9138056 | KATALWA PRIMARY SCHOOL | S | $00^{\circ} 1700^{\prime \prime} \mathrm{E}$ | $38^{\circ} 0700^{\prime \prime}$ |  | 1980 |  | 2 |
| 9138057 | ITKIO PRIMARY SCHOOL | S | $00^{\circ} 04^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1200^{\prime \prime}$ | 853 | 1980 |  |  |
| 9138058 | MANYOENI FULL PRI. SCHCOL | S | $00^{\circ} 0300^{\prime \prime} \mathrm{E}$ | $38^{\circ} 2000{ }^{\circ}$ | 820 | 1980 |  | 2 |
| 9138059 | MIKUYUNI FULL PRI. SCHOOL | S | $00^{\circ} 10000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 09^{\prime} 00^{\prime \prime}$ | 918 | 1980 |  |  |
| 9138050 | IRISAYA FULL PRI. SCHOOL | S | $00^{\circ} 0700^{\prime \prime} \mathrm{E}$ | $38^{\circ} 31^{\prime} 00^{\prime \prime}$ | 623 | 1980 |  |  |
| 9138061 | TUVAANI PRIMARY SCHOOL | S | $00^{\circ} 15^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 30^{\prime} 00^{\prime \prime}$ | 623 | 1980 |  |  |
| 9135062 | MIKONGOONI ASST.CHIEFS OFFICE. | S | $00^{\circ} 38^{\circ} 00^{\circ} \mathrm{E}$ | $38^{\circ} 1600^{\prime \prime}$ | 820 | 1985 |  |  |
| 9138063 | KAVALO PRIMARY SCHOOL | S | 000600'E | $38^{\circ} 02^{\circ} 00^{\prime \prime}$ | 1574 | 1985 |  | 2 |
| 9138064 | ITUMBA DEMONSTRATION FARM | S | 0002700" E | $38^{\circ} 14^{\circ} 00^{\prime \prime}$ | 760 | 1985 |  |  |
| 9138065 | MUSYOKA'S FARM,NUU | S | $00^{\circ} 1700^{\circ} \mathrm{E}$ | $38^{\circ} 2700^{\prime \prime}$ | 754 | 1985 |  |  |
| 9139000 | bura police station | S | $00^{\circ} 1400^{\prime \prime} \mathrm{E}$ | 39'5700" | 121 | 1920 |  | 30 |
| 9139001 | TANA RIVER, WAYU CHIEFS CAMP | S | $00^{\circ} 1200^{\prime \prime} \mathrm{E}$ | $39^{\circ} 34^{\prime 0} 0^{\prime \prime}$ | 164 | 1954 |  |  |
| 9139002 | WALDENA APS POST | S | $00^{\circ} 1700^{\circ} \mathrm{E}$ | $39^{\circ} 02^{\prime} 00^{\prime \prime}$ | 312 | 1980 |  | 4 |
| 9139003 | BURA RESEARCH STATION | S | $00^{\circ} 12^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 54^{\circ} 00^{\prime \prime}$ | 100 | 1983 |  | 3 |
| 9140005 | GALOLE TANA IRRIGATION SCHEAE | S | $00^{\circ} 11^{\circ} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 00^{\prime} 00^{\prime \prime}$ | 98 | 1957 |  | 26 |
| 9140006 | TANA EXPERIMENTAL STATION | S | $00^{\circ} 08^{\circ} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0000{ }^{\prime \prime}$ | 98 | 1966 |  | 16 |
| 9140007 | MASALANI POLICE POST | S | $00^{\circ} 2200^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0700^{\prime \prime}$ | 66 | 1970 |  | 17 |
| 9140008 | WENJE FULL PRIMARY SCHOOL | S | 0022700'E | $40^{\circ} 06^{\circ} 00^{\prime \prime}$ | 49 | 1971 |  |  |
| 9140009 | HANDAMPIA PRIMARY SCHOOL | S | $00^{\circ} 15^{\circ} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 044^{\prime} 00^{\prime \prime}$ | 66 | 1971 |  | 5 |
| 9140010 | MAKERE full primary school | S | 000000' E | $40^{\circ} 0000{ }^{\prime \prime}$ | 74 | 1971 |  | 16 |
| 9140011 | BODIIAI HOLDING GROUND LAMU | S | 00\% $29000^{\prime \prime} \mathrm{E}$ | $40^{\circ} 41^{\prime 0} 0^{\prime \prime}$ | 3 | 1976 |  | 3 |
| 9140012 | TANA RIVER FOREST STATION | S | 00\%0800" E | $40^{\circ} 02^{\circ} 00^{\prime \prime}$ | 131 | 1977 |  | 9 |
| 9141000 | LAMU KIUNGA | S | $00^{\circ} 24^{\prime} 00^{\prime \prime} \mathrm{E}$ | 4193000' | 10 | 1937 |  |  |
| 9841001 | GARISSA, KOLBIO | S | $00^{\circ} 1000{ }^{\circ} \mathrm{E}$ | $41^{\circ} 1300^{\prime \prime}$ | 98 | 1959 | 1965 |  |
| 9236001 | NAMANGA RIVER CAMP | S | $00^{\circ} 3500{ }^{\prime \prime} \mathrm{E}$ | $36^{\circ} 50^{\prime} 00^{\prime \prime}$ | 1509 | 1935 | 1939 |  |
| 9238002 | Kallado, Namanga district | S | $00^{\circ} 32000^{\prime \prime} \mathrm{E}$ | $36^{\circ} 4700^{\prime \prime}$ | 1476 | 1942 |  | 30 |
| 9236003 | BISSELCHIESS CAMP | S | $00^{\circ} 06000^{\prime \prime} \mathrm{E}$ | $36^{\circ} 4600{ }^{\prime \prime}$ | 1640 | 1951 |  | 7 |
| 9236004 | kallado, noatataek | S | $00^{\circ} 18^{\circ} 00^{\circ} \mathrm{E}$ | $36^{\circ} 4700{ }^{\prime \prime}$ |  | 1981 | 1961 |  |
| 9236005 | TOROSEI SHOP NO. 2 | S | $00^{\circ} 14^{\prime} 00^{4} \mathrm{E}$ | $36^{\circ} 26^{\circ} 00^{\prime \prime}$ | 1312 | 1973 |  |  |
| 9236006 | NGATATAEK borehole | S | $00^{\circ} 16000^{\circ} \mathrm{E}$ | $38^{\circ} 49^{\circ} 0^{\prime \prime}$ | 1640 | 1973 |  |  |
| 9236007 | ESOKOTA SHOP | S | $00^{\circ} 26000^{\prime \prime} \mathrm{E}$ | $36^{\circ} 51^{\prime 0} 0^{\prime \prime}$ | 1476 | 1973 |  |  |
| 9236008 | METO PRIMARY SCHOOL | S | $00^{\circ} 25000$ | $36^{\circ} 3300^{\prime \prime}$ | 1968 | 1973 |  | 4 |
| 9236009 | ilpartimaru shop | S | $00^{\circ} 1600{ }^{\circ} \mathrm{E}$ | $36^{\circ} 44^{\prime} 00^{\prime \prime}$ | 1640 | 1973 |  |  |
| 9236010 | MAILVA borehole | S | $00^{\circ} 20000^{\circ} \mathrm{E}$ | $36^{\circ} 580^{\circ}$ | 1476 | 1973 |  |  |
| 9236012 | SHOMBOLE DISPENSARY | S | $00^{\circ} 0600{ }^{\circ} \mathrm{E}$ | $36^{\circ} 0700^{\prime \prime}$ | 984 | 1973 |  |  |
| 9236013 | LORGUSWA B/HOLESOMALISHOD) | S | $00^{\circ} 09^{\prime} 00^{\prime \prime} \mathrm{E}$ | $36^{\circ} 3900$ | 1600 | 1973 |  |  |


|  |  | Coorlinat |  |  | Height$(E L: m)$ | Period of Record |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | Name |  | Latitede | Longitude |  | Start | Close | Years |
| 9236014 | OLKULVI DISPENSARY | S | $00^{\circ} 36.00^{\circ \prime} \mathrm{E}$ | 36"5900" | 4000 | 1973 |  | 18 |
| 9236018 | MASAI RURAL TRAINING CENTRE | S | 00 $0^{\circ} 24.00^{\prime \prime} \mathrm{E}$ | $36^{\circ} 3300{ }^{\circ}$ | 1722 | 1976 |  | 5 |
| 9236019 | MASAI RURAL TR. CENTRE TOROSEI | S | $00^{\circ} 1600{ }^{\prime \prime} \mathrm{E}$ | $36^{\circ} 2400^{\prime \prime}$ | 1312 | 1976 |  |  |
| 9238020 | ENKARONIM.R.TRAINING CENTRE | S | $00^{\circ} 02000^{\prime \prime}$ | $36^{\circ} 4600{ }^{\prime \prime}$ | 1968 | 1984 |  | 3 |
| 9236021 | OLOILILAI RANCH | S | $00^{\circ} 1900{ }^{\prime \prime} \mathrm{E}$ | $36^{\circ} 3600{ }^{\prime \prime}$ | 1640 | 1986 |  |  |
| 9237000 | Makindu Met. STATION | $s$ | $00^{\circ} 1700^{\prime \prime} \mathrm{E}$ | $3705000{ }^{\prime \prime}$ | 1076 | 1907 |  | 84 |
| 9237002 | KIBWEZI, DWA PLANTATION LTD. | S | 00 ${ }^{\circ} 24^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37.5900{ }^{\circ}$ | 984 | 1913 |  | 69 |
| 9237003 | SIMBA RAILWA Y Station | S | 00\%0900"E | $3703600{ }^{\circ}$ | 1115 | 1930 |  | 55 |
| 9237004 | LOITOKITOK D.O.S OFFICE | S | 00 $0^{\circ} 56000^{\prime \prime} \mathrm{E}$ | $37.3000{ }^{\circ}$ | 2132 | 1933 |  | 31 |
| 9237005 | GOVIDISPENSARY KIBWEİ | S | 00 $0^{\circ} 25^{\circ} 00^{\prime \prime} \mathrm{E}$ | $3758800{ }^{\circ}$ | 979 | 1933 | 1936 |  |
| 9237007 | KAIAdO,MASHURU DISPENSARY | S | $0006600^{\prime \prime} \mathrm{E}$ | $37^{\circ} 0800{ }^{\circ}$ | 1706 | 1942 |  | 18 |
| 9237013 | KIANGINE CAMPPMAKUENI | S | $00^{\circ} 0200{ }^{\circ} \mathrm{E}$ | $37{ }^{\circ} 4700{ }^{\circ}$ | 886 | 1950 | 1954 |  |
| 9237014 | ITHUMBA HILL,SIMBA | S | $00^{\circ} 0100{ }^{\circ} \mathrm{E}$ | $3703600^{\circ}$ | 1148 | 1951 | 1953 |  |
| 9237015 | SIMBA, NGUU HILL | S | $00^{\circ} 0700^{\prime \prime} \mathrm{E}$ | $37^{\circ} 4000{ }^{\prime \prime}$ | 1279 | 19.19 | 1978 |  |
| 9237016 | MERUESHI KAIIADO | S | $00^{\circ} 2300^{\circ} \mathrm{E}$ | $37933^{\circ} 0^{\prime \prime}$ | 1148 | 1952 | 1957 |  |
| 9237017 | OL TUKAI CAMP,KA HDO | S | $00^{\circ} 3500^{\circ} \mathrm{E}$ | $37{ }^{\circ} 1500^{\prime \prime}$ | 1312 | 1952 | 1957 |  |
| 9237018 | KIBOKO TSETSE STATION | S | $00^{\circ} 12000^{\prime \prime}$ | $37^{\circ} 4300^{\prime \prime}$ | 1050 | 1957 |  | 31 |
| 9237021 | KABINI MILL | S | $00^{\circ} 0800^{\circ} \mathrm{E}$ | $37^{\circ} 1800^{\prime \prime}$ | 1394 | 1961 |  | 26 |
| 9237022 | LOITOKITOK OUTWARD SCHOOL | S | $00^{\circ} 56000^{\circ} \mathrm{E}$ | $37^{\circ} 3000{ }^{\prime}$ | 1984 | 1964 |  | 22 |
| 9237024 | SULTAN HAMUD RAILWAY STation | S | 0000200"E | $372300^{\circ}$ | 1321 | 1962 |  | 10 |
| 9237025 | KIBWEZI RAILWAY STATION | S | $00^{\circ} 2500{ }^{\circ \prime \mathrm{E}}$ | $37^{\circ} 58.00^{\prime \prime}$ | 979 | 1962 |  | 7 |
| 9237026 | ENTONET AGR. TREE NURSERY | S | $00^{\circ} 55000^{\circ} \mathrm{E}$ | $37{ }^{\circ} 2600{ }^{\circ}$ | 2132 | 1968 |  | 6 |
| 9237027 | KALULINI PRIMARY SCHOOL | S | 00 $0^{\circ} 1600^{\prime \prime}$ E | $37^{\circ} 5900{ }^{\circ}$ | 984 | 1977 |  | 11 |
| 9237028 | NGULAI PlUNGE DIP | S | $00^{\circ} 0600^{\prime \prime} \mathrm{E}$ | $37{ }^{\circ} 32 \cdot 00^{\prime \prime}$ | 1148 | 1971 |  | 9 |
| 9237029 | LENGESIM PRIMARY SCHOOL | S | $00^{\circ} 24000^{\prime \prime} \mathrm{E}$ | $37^{\circ} 14.00^{\prime \prime}$ | 1312 | 1973 |  | 2 |
| 9237030 | EKINJAPE PRIMARY SCIOOL | S | $00^{\circ} 32000^{\prime \prime}$ E | $37^{\circ} 3200{ }^{\prime \prime}$ | 1312 | 1973 |  | 2 |
| 9237031 | OLTUKAI AMBOSELI HQS. | S | $00^{\circ} 4000{ }^{\circ} \mathrm{E}$ | $37^{\circ} 1700^{\prime \prime}$ | 1309 | 1977 |  | 10 |
| 9237032 | SELENGEI GAME POST | S | $00^{\circ} 11^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 1000{ }^{\prime \prime}$ | 1410 | 1973 |  | 5 |
| 9237034 | KIKUMINI PRIMARY SCHOOL | S | 00 $0^{\circ} 03^{\circ} 00^{\circ} \mathrm{E}$ | $37^{\circ} 350^{\prime \prime}$ | 1181 | 1973 |  | 8 |
| 9237035 | mulala chiefs office | S | 00\%0100'E | $37^{\circ} 2900{ }^{\circ}$ | 1328 | 1973 |  | 14 |
| 9237036 | IKUNGU PRIMARY SCHOOL | S | 00 $0^{\circ} 14000^{\circ} \mathrm{E}$ | $37^{\circ} 51^{\prime} 00^{\prime \prime}$ | 984 | 1973 |  |  |
| 9237037 | SYUMILE PRIMARY SCHOOL | S | $00^{\circ} 1700{ }^{\circ} \mathrm{E}$ | $37^{\circ} 56.00^{\prime \prime}$ | 984 | 1973 |  | 10 |
| 9237038 | MBUINZAU RAILWAY STATION | S | $00^{\circ} 2100^{\circ} \mathrm{E}$ | $37^{\circ} 540^{\prime \prime}$ | 1077 | 1973 |  | 11 |
| 9237039 | MESA MINING CO. LTD. SINYA | S | $00^{\circ} 42000^{\circ} \mathrm{E}$ | $37^{\circ} 04^{\circ} 00^{\circ}$ | 1279 | 1974 |  |  |
| 9237010 | Ilassit water dev. Camp. | S | $00^{\circ} 5700{ }^{\prime \prime} \mathrm{E}$ | $37^{\circ} 3500^{\prime \prime}$ | 1738 | 1973 |  | 10 |
| 9237041 | KIMANA GAME POST | S | $00^{\circ} 9900{ }^{\circ} \mathrm{E}$ | $37^{\circ} 31000^{\circ}$ | 1476 | 1973 |  | 12 |
| 9237042 | KUKU SHOP, LOITOKITOK | S | $00^{\circ} 5300{ }^{\circ} \mathrm{E}$ | $377^{\circ} 4500^{\circ}$ | 1246 | 1973 |  |  |
| 9237043 | lesoit ranch, kaliado | S | $00^{\circ} 16^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 2700^{\prime \prime}$ | 1200 | 1975 |  | 12 |
| 9237044 | MWANYANI DISPENSARY | S | $00^{\circ} 0200{ }^{\circ \prime \mathrm{E}}$ | $37^{\circ} 3100{ }^{\prime \prime}$ | 1476 | 1976 |  | 13 |
| 9237045 | MAIKUU PRIMARY SCHOOL | S | 00 ${ }^{\circ} 29000^{\prime \prime} \mathrm{E}$ | $37{ }^{\circ} 5700{ }^{\circ}$ | 1115 | 1976 |  | 6 |
| 9237016 | KOMBOYOO NZEVENI MBUNGI FARM | s | 00 ${ }^{\circ} 3900{ }^{\circ} \mathrm{E}$ | $37^{\circ} 588^{\circ} 0^{\prime \prime}$ | 1164 | 1974 |  | 4 |
| 9237047 | CHULU RANGEI | S | $00^{\circ} 4700{ }^{\prime \prime} \mathrm{E}$ | $370580^{\prime \prime}$ | 1902 | 1978 |  | 2 |
| 9237048 | maAsal rural training centre | S | $00^{\circ} 4000{ }^{\prime \prime} \mathrm{E}$ | $37^{\circ} 5100^{\prime \prime}$ | 1640 | 1976 |  | 6 |
| 9237019 | SULTAN HAMUD AGRIC. STATION | S | $00^{\circ} 0200^{\prime \prime} \mathrm{E}$ | $37^{\circ} 2300^{\prime \prime}$ | 1322 | 1978 |  | 10 |
| 9237050 | THE WATER BOOSTER STATION | S | $00^{\prime 3} 300{ }^{\prime \prime} \mathrm{E}$ | $37^{\circ} 1700^{\circ}$ | 1246 | 1978 |  | 8 |
| 9237051 | AMBOSELI LEMEPOITI GATE | S | $00^{\circ} 35000^{\prime \prime} \mathrm{E}$ | $37^{\circ} 2700^{\prime \prime}$ | 1378 | 1978 |  | 9 |
| 9237052 | SIABA RANGE STATION | S | $00^{\circ} 1000{ }^{\prime \prime} \mathrm{E}$ | $37^{\circ} 30000^{\prime \prime}$ | 1098 | 1978 |  | 9 |
| 9237053 | NAIPERRA BOREHOLE NO. 1 | S | $00^{\circ} 47001 \mathrm{E}$ | $3702200^{\prime \prime}$ | 1312 | 1978 |  |  |
| 9237054 | EMOTOROKI ROREHOLE NO. 2 | S | $00^{\circ} 18^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37{ }^{\circ} 0200^{\prime \prime}$ | 1410 | 1978 |  |  |
| 9237055 | EMBARINGOI BOREHOLE NO. 4 | S | $00^{\circ} 43000^{\prime \prime} \mathrm{E}$ | $37^{\circ} 12^{\circ} 00^{\prime \prime}$ | 1345 | 1978 |  |  |
| 9237056 | KITENDEN BOREHOLE NO. 3 | S | $00^{\circ} 48^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 1700^{\prime \prime}$ | 1394 | 1978 |  |  |
| 9237057 | A.D.C NZAI RANCH MANAGER'S HSE. | S | $00^{\circ} 0300^{\prime \prime} \mathrm{E}$ | $37^{\circ} 26^{\circ} 00^{\prime \prime}$ | 1279 | 1953 |  | 23 |
| 9237058 | KIBWEZI FOREST RESERVENURSERY | S | $00^{\circ} 23000^{\prime \prime} \mathrm{E}$ | $37.5700^{\prime \prime}$ | 979 | 1980 |  | 7 |
| 9237059 | NDUNGUNI PRIMARY SCHOOL | $s$ | $00^{\circ} 0500^{\circ} \mathrm{E}$ | $37.350^{\circ} 00^{+}$ | - 1102 | 1980 |  |  |
| 9237060 | NATIONAL RANCI RES. STN. KIBOKO | S | $00^{\circ} 1500^{\prime \prime} \mathrm{E}$ | $37.44^{\circ} 00^{\prime \prime}$ | - 993 | 1977 |  | 10 |
| 9237061 | MUMBU FARM KITHINOISYO. | S | $00^{\circ} 4200{ }^{\circ} \mathrm{E}$ | $37^{\circ} 59^{\circ} 00^{\prime \prime}$ | 1148 | 1984 |  |  |


| Cose | Narne | Coordinate |  |  | Heigh(EL: m) | Period of Record |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Latilude | Longitude |  | Start | Close | Years |
| 9237062 | JKOYOMWOVES FARM | S | $00^{\circ} 1400^{\prime \prime} \mathrm{E}$ | $37^{\circ} 480^{\circ} 0^{\prime \prime}$ | 1062 | 1984 |  | 3 |
| 9237063 | MUANGENI PRIMARY SCHOOL | S | $00^{\circ} 0400^{\prime \prime} \mathrm{E}$ | $37^{\circ} 36000$ | 1171 | 1986 |  |  |
| 9238000 | MITITO ANDEI RAILWAY STATION | S | 0005100"E | $38^{\circ} 2000^{\prime \prime}$ | 822 | 1915 | 1965 |  |
| 9238003 | dasongaleni rallway station. | S | $00^{\circ} 29000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 0700^{\circ}$ | 920 | 1929 |  | 65 |
| 9238005 | Masongaleni estatel! | S | $00^{\circ} 22000^{\prime \prime} \mathrm{E}$ | $38{ }^{\circ} 99^{\circ} 00^{\prime \prime}$ | 754 | 1938 |  | 13 |
| 9238006 | ikUtha agricultural station | S | 000 $0400{ }^{\circ} \mathrm{E}$ | $38^{\circ} 11^{\prime} 00^{\prime \prime}$ | 787 | 1948 |  | 36 |
| 9238007 | darajani rallway Station | S | $00^{\circ} 35^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 10^{\prime} 00^{\prime \prime}$ | 843 | 1950 |  | 21 |
| 9235009 | mitito andertsavo nat. Park | S | $00^{\circ} 45000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 08^{\circ} 00^{\prime \prime}$ | 984 | 1951 |  | 36 |
| 9235010 | TSAVO N.P. ITHUMBA HILL | S | $00^{\circ} 12000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 250^{\circ \prime}$ | 1614 | 1965 |  |  |
| 9238012 | TSA VO NATIONAL PARK,KILAGUNI LDG | S | $00^{\circ} 54600^{\prime \prime} \mathrm{E}$ | $38^{\circ} 04^{\prime} 00^{\prime \prime}$ | 984 | 1971 |  | 13 |
| 9238013 | chyulu gate | S | $00^{\circ} 5400^{\prime \prime} \mathrm{E}$ | $38^{\circ} 03000$ | 984 | 1971 |  | 16 |
| 9238014 | kyulu Railway station | S | $00^{\circ} 56000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 25^{\circ} 00^{\prime \prime}$ | 631 | 1973 |  | 14 |
| 9238015 | KENANI RALLWAY STATION | S | 00 ${ }^{\circ} 51000^{\prime \prime}$ E | $38^{\circ} 20^{\circ} 00^{\prime \prime}$ | 655 | 1973 |  | 8 |
| 9238016 | Kanga Railway Station | S | $00^{\circ} 45000^{\circ} \mathrm{E}$ | $38^{\circ} 1600^{\prime \prime}$ | 726 | 1973 |  | 10 |
| 9238017 | KATHEKANI RALLWAY Station | S | 00037\%00'E | $38^{\circ} 09^{\prime} 00^{\prime \prime}$ | 727 | 1973 |  | 10 |
| 9238018 | BUSHWHACKER'S SAFARI CAMP | S | $00^{\circ} 19^{\circ 00^{\prime \prime} \mathrm{E}}$ | $38^{\circ} 0700^{\prime \prime}$ | 754 | 1973 |  | 17 |
| 9238019 | Mandoonl plantations | S | $00^{\circ} 22000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 0500^{\prime \prime}$ | 820 | 1973 |  | 4 |
| 9238020 | ngwata chiefs office. | S | $00^{\circ} 31000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 03^{\circ} 00^{\prime \prime}$ | 948 | 1974 |  | 13 |
| 9238021 | KASAALA PRIMARY SCHOOL | S | $00^{\circ} 08^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 16^{\prime} 00^{\prime \prime}$ | 804 | 1974 |  | 9 |
| 9238022 | ngulia baobar exclosure | S | $00^{\circ} 59000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1700^{\prime \prime}$ | 443 | 1975 |  | 3 |
| 9238029 | MUTHINGINI PRIMARY SCHOOL | S | $00^{3} 35000{ }^{\circ \prime}$ | $38^{\circ} 0100^{-1}$ | 918 | 1971 |  | 5 |
| 9238030 | KALIVU PRIMARY SCHOOL | S | $00{ }^{\circ} 01^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 06^{\prime} 00^{\prime \prime}$ | 820 | 1980 |  |  |
| 9238031 | KALIMAKOI YUMBUNI F.F PROIECT | S | $00^{\circ} 310^{\prime \prime}$ E | $38^{\circ} 0600^{\circ}$ | 918 | 1980 |  |  |
| 9238032 | NZAMPANI KIVUVAS FARA | S | $00^{\circ} 3000{ }^{\prime \prime} \mathrm{E}$ | $38^{\circ} 0000{ }^{\prime \prime}$ | 1500 | 1900 |  | 4 |
| 9238033 | MWAK YONGO ILL | S | $00^{\circ} 48^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1200{ }^{\prime \prime}$ | 770 | 1982 |  | 7 |
| 9235034 | T.AD.AFARM,KEVANUA | $S$ | $00^{\circ} 2200^{\prime \prime} \mathrm{E}$ | $38^{\circ} 05^{\circ} 00^{\prime \prime}$ | 735 | 1984 |  | 3 |
| 9235035 | ATHI PRIMARY SCHOOL | S | $00^{\circ} 1200^{\prime \prime} \mathrm{E}$ | $38^{\circ} 0400^{\prime \prime}$ | 820 | 1980 |  | 3 |
| 9238036 | Matmega treen ursery | S | $0000700^{\circ} \mathrm{E}$ | $38^{\circ} 0700^{\prime \prime}$ | 740 | 1985 |  | 2 |
| 9239000 | malindi adu location | S | $00^{\circ} 51^{\circ} 00^{\circ} \mathrm{E}$ | $39^{\circ} 58^{\prime} 00^{\prime \prime}$ |  | 1961 |  | 23 |
| 9239001 | galana ranching scheme | S | $00^{\circ} 5700^{\prime \prime} \mathrm{E}$ | $39^{\circ} 20^{\circ} 00^{\circ}$ | 262 | 1971 |  | 5 |
| 9239002 | NDOLOL. K KARARE AIRSTRIP. | S | $00^{\circ} 21^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 00000^{\circ}$ | 328 | 1975 |  |  |
| 9239003 | WATALA PRIMARY SCHOOL | S | $00^{\circ} 55000 \mathrm{E}$ | $39^{\circ} 580^{\circ} 0^{\prime \prime}$ |  | 1978 |  | 8 |
| 9239004 | assa sur-location | S | $00^{\circ} 0500^{\prime \prime} \mathrm{E}$ | $39^{\circ} 26^{\prime} 00^{\prime \prime}$ | 164 | 1980 |  |  |
| 9240000 | KIPINI DISTRICT OFFICE | S | $00^{\circ} 3100{ }^{\prime \prime} \mathrm{E}$ | $40^{\circ} 3200{ }^{\prime \prime}$ | 3 | 1912 |  | 57 |
| 9240001 | LAMU METEOROLOGICAL STATION | S | $00^{\circ} 16000^{\prime \prime} \mathrm{E}$ | $40^{\circ} 54^{\prime} 00^{\prime \prime}$ | 30 | 1908 |  | 79 |
| 9240003 | LAMU D.O.S OFFICE | S | $00^{\circ} 2300{ }^{\circ} \mathrm{E}$ | $40^{\circ} 2600^{\prime \prime}$ | 3 | 1931 |  | 56 |
| 9240004 | KIPINI NGAO METHODIST MISSION | S | $00^{\circ} 25^{\circ} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 1200{ }^{\prime \prime}$ | 16 | 1953 |  |  |
| 9240005 | Lamu mkunumbi | S | $00^{\circ} 18^{\prime} 000^{\prime \prime} \mathrm{E}$ | $40^{\circ} 42000^{\circ}$ | 5 | 1940 |  | 45 |
| 9240006 | LAMU SHELLA. | S | $000^{\circ} 18^{\prime} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 55^{\prime} 00^{\prime \prime}$ | 10 | 1953 | 1965 | 6 |
| 9240007 | G.K. HINDI PRISONS | S | $00^{\circ} 11^{60 \prime \prime} \mathrm{E}$ | 40 ${ }^{\circ} 49^{\circ} 00^{\prime \prime}$ | 15 | 1956 |  | 6 |
| 9240008 | MANDA ISland | S | $00^{\circ} 1300^{\prime \prime} \mathrm{E}$ | $40^{\circ} 58^{\circ} 00^{\circ}$ | 7 | 1955 |  | 9 |
| 9240010 | GARSEN WATER DEVELOPMENT DEPT. | S | $00^{\circ} 1600^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0700^{\prime \prime}$ |  | 1956 |  | 25 |
| 9240011 | MNAIINI PRIMARY SCIHOOL | S | 000000' E | $40^{\circ} 09^{\circ} 00^{\prime \prime}$ | 66 | 1965 |  | 7 |
| 9240012 | KaRawa veterinary station | S | $00^{\circ} 3900{ }^{\prime \prime} \mathrm{E}$ | $40^{\circ} 1200^{\prime \prime}$ | 5 | 1985 |  | 22 |
| 9240013 | OZ. | S | $00^{\circ} 3000{ }^{\prime \prime} \mathrm{E}$ | $40^{\circ} 2500^{\circ}$ | 7 | 1965 |  | 13 |
| 9240014 | Lake kenyatta cotton project | S | $00024^{\circ} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 4100^{\prime \prime}$ | 3 | 1973 |  | 13 |
| 9240015 | MKOWE | S | $00^{\circ} 1400^{\prime \prime} \mathrm{E}$ | $40^{\circ} 51^{\circ} 00^{\prime \prime}$ | 16 | 1969 |  | 13 |
| 9240016 | REUBEN MWEWE PRIMARY | S | $00^{\circ} 1300^{\prime \prime} \mathrm{E}$ | $40^{\circ} 11^{\prime} 00^{\prime \prime}$ | 33 | 1971 |  | 4 |
| 9240017 | TARASAA SCHOOL | S | $00^{\circ} 2600{ }^{-1}$ | $40^{\circ} 1000^{\prime \prime}$ | 16 | 1978 |  | 5 |
| 9240018 | MAGOGONI | S | $00^{\circ} 0500^{\prime \prime} \mathrm{E}$ | $40^{\circ} 52^{\circ} 00^{\prime \prime}$ | 2 | 1974 |  | 11 |
| 9240019 | ODA MINOR IRRIOATION SCHEME | S | $00^{\circ} 28^{\circ} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 1200^{\prime \prime}$ | 56 | 1975 |  | 4 |
| 9240020 | SEmIKARO Primary scitool | S | $00^{\circ} 30^{\circ} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 1800^{\circ}$ | 49 | 1975 |  |  |
| 9240021 | Mambosasa forest station | S | $00^{\circ} 23^{\prime} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 31^{\circ} 00^{\prime \prime}$ | 3 | 1975 |  | 9 |
| 9240022 | HONGWE SUB-LOCATION | S | $00^{\circ} 20000^{\prime \prime} \mathrm{E}$ | $40^{\circ} 39000^{\prime \prime}$ | 7 | 1976 |  | 3 |
| 9240023 | kIONGWE SUB-LOCATION | S | $00^{\circ} 23000^{\prime \prime} \mathrm{E}$ | $40^{\circ} 44^{\prime} 00^{\prime \prime}$ | 1 | 1976 |  | 2 |
| 9240024 | BARGONI IIOLDING GROUND | S | $00^{\circ} 0200^{\prime \prime}$ E | $40^{\circ} 48^{\circ} 00^{\prime \prime}$ | 3 | 1976 |  | 10 |


|  |  | Coordinate |  |  | $\begin{aligned} & \text { Height } \\ & \text { (EL:m) } \end{aligned}$ | Pcriod of Record |  |  |
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| Code | Namc |  | Latitude | Longitude |  | Start | Close | Years |
| 9240025 | HINDI DEVELOPMENT UNIT(N.Y.S.) | S | $00^{\circ} 0700{ }^{\prime \prime}$ | $40^{\circ} 480^{\circ} 0^{\prime \prime}$ | 32 | 1978 |  | 8 |
| 9240026 | SERA ChIEFS OFFICE | S | $00^{\circ} 08^{\circ} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0800^{\prime \prime}$ | 25 | 1980 |  | 3 |
| 9240027 | KAMALE PRIMARY SCHOOL | S | $00^{\circ} 45000^{\prime \prime} \mathrm{E}$ | $40^{\circ} 00^{\circ} 00^{\prime \prime}$ |  | 1977 |  | 10 |
| 9240028 | RAMADA PRIMARY SCHOOL | $s$ |  | $40^{\circ} 0200^{\prime \prime}$ |  | 1977 |  | 10 |
| 9240029 | FUNDISHA PRIMARY SCHOOL | S | 00 $0^{\circ} 5600{ }^{\prime \prime} \mathrm{E}$ | $40^{\circ} 66^{\circ} 00^{\prime \prime}$ |  | 1980 |  | 8 |
| 9240030 | KIBUSU FULL PRIMARY SCHOOL. | S | $00^{\circ} 2300{ }^{\prime \prime} \mathrm{E}$ | $40^{\circ} 1300{ }^{\prime \prime}$ |  | 1980 |  |  |
| 9240031 | MARERENI SUB CHIEFS OFFICE | S | $00^{\circ} 5100{ }^{\prime \prime} \mathrm{E}$ | $40^{\circ} 09^{\prime 0} 0^{\prime \prime}$ |  | 1980 |  |  |
| 9240032 | PLOT NO. 419 | S | 00 $0^{\circ} 22^{\circ} 00^{\prime \prime}$ E | $40^{\circ} 4000{ }^{\prime \prime}$ | 19 | 1985 |  | 2 |
| 9240033 | BAHARI PRIMARY SCHOOL | S | 00\% $2500{ }^{\prime \prime} \mathrm{E}$ | $40^{\circ} 4300{ }^{\prime \prime}$ | 85 | 1985 |  | 2 |
| 9240034 | TEWE PRIMARY SCHOOL | S | $00^{\circ} 24^{\prime 0} 0^{\prime}$ E | $40^{\circ} 45^{\circ} 00^{\prime \prime}$ | 7 | 1985 |  | 2 |
| 9240035 | UZIWA PRIMARY SCHOOL | S | 000 ${ }^{\circ} 1^{\prime 0} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 21^{\prime} 00^{\prime \prime}$ | 9 | 1985 |  | 2 |
| 9240036 | TREE CROP NURSERY | S | $00^{\circ} 24^{\prime} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 4100$ |  | 1985 |  | 2 |
| 9240037 | PLOTNO. 1153 | S | 002\% $2600^{\prime \prime} \mathrm{E}$ | $40^{\circ} 4200{ }^{\prime \prime}$ | 10 | 1985 |  | 2 |
| 9241000 | LAMU, FAZA | S | $00^{\circ} 0300^{\prime \prime} \mathrm{E}$ | $41^{\circ} 0600^{\prime \prime}$ | 8 | 1922 |  | 59 |
| 9241002 | SIYU | S | 000600 ${ }^{\circ}$ | $41^{\circ} 0300^{\prime \prime}$ | 8 | 1966 |  | 21 |
| 9337000 | TAVETA DISTRICT OFFICE | S | $00^{\circ} 4600^{\prime \prime} \mathrm{E}$ | $37^{\circ} 40^{\circ} 00^{\circ}$ | 777 | 1905 | 1971 |  |
| 9337001 | TAVETA,HOMER BROS LTD | S | $00^{\circ} 4600{ }^{\prime \prime} \mathrm{E}$ | $37^{\circ} 4000{ }^{\circ}$ | 777 | 1926 | 1945 |  |
| 9337025 | TAVETA SISAL ESTATE LTD. | S | $00^{\circ} 4500{ }^{\prime \prime} \mathrm{E}$ | $37^{\circ} 4000{ }^{\prime \prime}$ | 828 | 1938 | 1963 |  |
| 9337014 | TSA YO RIVER CAMP | S | 000 $25000^{\prime \prime} \mathrm{E}$ | $37{ }^{\circ} 5500^{\prime \prime}$ | 951 | 1940 | 1942 |  |
| 9337052 | agricultural section. Taveta | S | $00^{\circ} 48^{\circ} 00^{\prime \prime} \mathrm{E}$ | $37^{\circ} 41^{\circ} 00^{\prime \prime}$ | 775 | 1946 | 1949 |  |
| 9337074 | Kevas mine taveta | S | 0004000 ${ }^{\circ} \mathrm{E}$ | 37'5900" | 1050 | 1951 | 1952 |  |
| 9337080 | TAVETA NJORO KUBWA | S | 00\% ${ }^{\circ} 4500{ }^{\circ} \mathrm{E}$ | $37^{\circ} 422^{\prime \prime}$ | 886 | 1954 | 1969 |  |
| 9337081 | TAVETA \%IWANI SISAL ESTATE | S | $00^{\circ} 3300^{\prime \prime} \mathrm{E}$ | $37^{\circ} 46^{\circ} 00^{\prime \prime}$ | 984 | 1941 |  | 42 |
| -9337094 | LOITOKITOK , ROMBO MISSION | S | $00^{2} 2300^{\prime \prime} \mathrm{E}$ | $37^{\circ} 42000^{\prime \prime}$ | 1214 | 1963 |  | 16 |
| 9337101 | MURKA FJKE PLOTS | S | $00^{\circ} 41^{100^{\prime \prime} \mathrm{E}}$ | $37^{\circ} 560^{\prime \prime}$ | 1148 | 1965 |  | 11 |
| 9337102 | TSAYO NAT. PARK,KATANI LODGE | S | $00^{60} 600^{\prime \prime} \mathrm{E}$ | $37^{\circ} 5900{ }^{\circ}$ | 874 | 1965 |  | 19 |
| 9337109 | TSA VO NAT. PARK, MBUYUNI GATE | S | $00^{\circ} 4400^{\prime \prime} \mathrm{E}$ | $37^{\circ} 5200{ }^{\prime \prime}$ | 984 | 1971 |  | 16 |
| 9337110 | taveta water development station | S | $00^{\circ} 4400^{\prime \prime} \mathrm{E}$ | $37^{\circ} 4000{ }^{\prime \prime}$ | 828 | 1968 |  | 20 |
| 9337111 | taveta, lakechala | S | $00^{\circ} 3800{ }^{\prime \prime}$ E | $37^{\circ} 422^{\prime \prime}$ | 323 | 1970 |  |  |
| 9337113 | ROMBOCAMP POST | S | 00\% $2500{ }^{\circ} \mathrm{E}$ | $37{ }^{\circ} 550^{\circ \prime}$ | 984 | 1971 |  | 7 |
| 9337114 | JIPE SISAL ESTATE | S | $00^{\circ} 4700^{\prime \prime} \mathrm{E}$ | $37^{\circ} 45^{\circ} 00^{\prime \prime}$ | 820 | 1971 |  | 8 |
| 9337137 | ZIWANI GANE POST | S | $00^{\circ} 3300^{\prime \prime} \mathrm{E}$ | $37^{\circ} 4900{ }^{\prime \prime}$ | 984 | 1975 |  | 12 |
| 9337138 | LAKE MPE GAMES CAMP | S | $00^{\circ 5800 \% ~}$ | $37^{\circ} 480^{\circ}$ | 787 | 1975 |  | 12 |
| 9337139 | Kimala nguis farm | S | $00^{\circ} 4400^{\prime \prime} \mathrm{E}$ | $37^{\circ} 42^{2} 00^{\prime \prime}$ | 787 | 1980 |  | 5 |
| 9337140 | Kiwalwa malaria field station | S | $00^{\circ} 488^{\circ} 00^{\circ} \mathrm{E}$ | $37^{\circ} 42^{\prime 0} 0^{\prime \prime}$ | 771 | 1980 |  | 22 |
| 9337141 | KITOBO IRRIGATION SCHEME | S | $00^{\circ} 4600{ }^{\prime \prime}$ | $37^{\circ} 380^{\prime \prime}$ | 787 | 1980 |  | 6 |
| 9337142 | CHALA FARMER'S CO.OP. SOCIETY | S | $00^{\circ} 3700^{\prime \prime} \mathrm{E}$ | $37^{\circ} 45^{\circ} 00^{\prime \prime}$ | 951 | 1980 |  | 2 |
| 9337143 | CHUMUINI CHOKAA PRI. SCHOOL | S | $00^{\circ} 3200^{\prime \prime} \mathrm{E}$ | $37^{\circ} 4300^{\prime \prime}$ | 1050 | 1980 |  | 6 |
| 9337144 | NJUKINI FARMER'S CO.OP. SOCIETY | S | $00^{\circ} 31^{10} 0{ }^{\circ} \mathrm{E}$ | $37^{\circ} 4400{ }^{\prime \prime}$ | 1050 | 1980 |  | 3 |
| 9337145 | TIMBILA PRIMARY SCHOOL | S | $00^{\circ} 4200{ }^{\circ} \mathrm{E}$ | $37^{\circ} 44^{\circ} 00^{\prime \prime}$ | 853 | 1981 |  | 2 |
| 9338000 | D.C.VOI | S | $00^{\circ} 43000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 2300^{\prime \prime}$ | 600 | 1911 | 1955 |  |
| 9338001 | VOI METEOROLOCICAL STATION | S | $00^{\circ} 44^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 34^{\circ} 00^{\prime \prime}$ | 603 | 1901 |  | 83 |
| 9338002 | VOI,MBALE DABIDA C.M.S. | S | $00^{\circ} 43000^{\prime \prime}$ | $38^{\circ} 2300^{\prime \prime}$ | 1148 | 1915 | 1977 |  |
| 9338003 | D.C.S OFFICE, WUNDANYI | S | $00^{\circ} 44^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 2400^{\prime \prime}$ | 1574 | 1929 |  | 73 |
| 9338004 | tsavorallway station | S | $00^{\circ} 6000{ }^{\prime \prime} \mathrm{E}$ | $38^{\circ} 2800^{\prime \prime}$ | 500 | 1929 |  | 37 |
| 9338005 | VOI WESU HOSPITAL | S | $00^{\circ} 4400^{\prime \prime} \mathrm{E}$ | $38^{\circ} 21^{\circ} 00^{\prime}$ | 1804 | 1930 |  | 35 |
| 9338006 | VOI, BURA CATHOLIC MISSION | S | $00^{\circ} 47700^{\prime \prime} \mathrm{E}$ | $38^{\circ} 190^{\prime \prime}$ | 1230 | 1937 |  | 43 |
| 9338007 | MaKtau railway station | S | $00^{\circ} 4400^{\prime \prime} \mathrm{E}$ | $38^{\circ} 0800^{\prime \prime}$ | 1183 | 1935 |  | 49 |
| 9338008 | MWATATI MURRY GIRIS SCHOOL | S | $00^{\circ} 4700^{\prime \prime} \mathrm{E}$ | $38^{\circ} 21^{\circ} 00^{\prime \prime}$ | 1394 | 1937 |  | 34 |
| 9338009 | NDILEC.A.SMISSION, VOI | S | 0003900"E | $38^{\circ} 2700^{\prime \prime}$ | 656 | 1937 | 1937 |  |
| 9338010 | MWAKINYUNGU CMS. MISSION | S | 00\% ${ }^{\circ} 45000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 28^{\prime} 00^{\prime \prime}$ | 672 | 1937 | 1937 |  |
| 9338011 | SAGAtLA,TAITA PR SCHOOL | S | 00-5000 E | $38^{\circ} 3500{ }^{\circ}$ | 934 | 1937 | 1937 |  |
| 9338012 | TAFTA SISAe EState lid. | S | $00^{\circ} 53000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 2400^{\prime \prime}$ | 935 | 1948 |  | 40 |
| 9338013 | mwatati, Talta concessions lit. | S | $00^{\circ} 50000^{-E}$ | $38^{\circ} 230^{\prime \prime}$ | 951 | 1931 | 1962 |  |
| 9338014 | MWATATI, TAITA CONCESSIONS LTD. | S | $00^{\circ} 5400^{\prime \prime} \mathrm{E}$ | $38^{\circ} 240^{\prime \prime}$ | 820 | 1945 | 1962 |  |
| 9338015 |  | S | $000^{\circ} 100^{\prime \prime} \mathrm{E}$ | 38 $8^{\circ} 700^{\prime \prime}$ | 853 | 1931 |  |  |


| Code | Name | Coordinale |  |  | Height$(E L: m)$ | Pcriod of Record |  |  |
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|  |  |  | Latitede | Longitude |  | Stant | Close | Years |
| 9338016 | MGANGE NYIKA CATHOLIC MISSION | S | 00 ${ }^{\circ} 4400^{\circ} \mathrm{E}$ | $38^{\circ} 1900{ }^{\circ}$ | 1640 | 1948 | 1954 |  |
| 9338017 | mizma Springs | S | $00^{\circ} 6000{ }^{\prime \prime} \mathrm{E}$ | $38^{\circ} 0200^{\prime \prime}$ | 701 | 1949 |  | 32 |
| 9335018 | VOI,RUKANGA-KASIGAU | S | $00^{7} 70000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 38^{\prime 0} 0^{\prime \prime}$ | 656 | 1950 |  | 38 |
| 9338019 | MAKINYAMBU ASBESTOSMINES LTD. | S | $00^{\circ} 40000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 20^{\circ} 00^{\prime \prime}$ | 1410 | 1952 | 1954 |  |
| 9338020 | maungu railway station | S | $00^{\circ} 53000^{\circ} \mathrm{E}$ | $38^{\circ} 45^{\circ} 00^{\prime \prime}$ | 557 | 1962 |  | 25 |
| 9338021 | tsavo nat. Park, aruba lodge | S | $00^{\circ} 4100^{\prime \prime} \mathrm{E}$ | $38^{\circ} 490^{\circ} 0^{\prime \prime}$ | 328 | 1965 |  | 20 |
| 9338022 | BaChuma range research stn | S | $00^{\circ} 68^{\circ 00} \mathrm{E}$ | $38^{\circ} 5700{ }^{\prime \prime}$ | 426 | 1966 |  | 21 |
| 9338023 | Bachuma range paddock 5 | S | $00^{\circ} 6400{ }^{\prime \prime} \mathrm{E}$ | $38^{\circ} 5700^{\prime \prime}$ | 426 | 1966 |  |  |
| 9338024 | BACHUMA "Park gate" Tsavo n.park | S | $00^{\circ} 60^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 560^{\prime \prime}$ | 459 | 1969 |  | 18 |
| 9338025 | TSAVO N.P.RIVER ENTRANCE | S | $00^{\circ} 60^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 26^{\prime} 00^{\prime \prime}$ | 492 | 1967 |  |  |
| 9338026 | TSAVO WATER SUPPLY | s | $00^{\circ} 2100^{-1} \mathrm{E}$ | $38^{\circ} 2700^{\circ}$ | 492 | 1966 | 1970 | 2 |
| 9335027 | ngulia lodge | S | $00^{\circ} 25.00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 10^{\circ} 00^{\prime \prime}$ | 1050 | 1971 |  | 11 |
| 9338028 | tsavogate | S | $00^{\circ} 60^{\circ} 00^{\circ} \mathrm{E}$ | $38^{\circ} 2700^{\circ}$ | 590 | 1971 |  | 13 |
| 9338029 | taita ranch co. LTD. | S | $00^{\circ} 6700^{\prime \prime} \mathrm{E}$ | $38^{\circ} 5200^{\prime \prime}$ | 459 | 1972 |  | 7 |
| 9338031 | Mgangechiefs office | S | $00^{\circ} 44^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1900{ }^{\prime \prime}$ | 1902 | 1973 |  | 10 |
| 9338032 | AISORONGO PRIMARY SCHOOL | S | $00^{\circ} 4600{ }^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1300^{\prime \prime}$ | 1164 | 1974 |  | 11 |
| 9338033 | mbale chiefs office | S | $00^{\circ} 4300{ }^{\circ \prime} \mathrm{E}$ | $38^{\circ} 25^{\circ} 00^{\prime \prime}$ | 1148 | 1974 |  | 13 |
| 9338034 | RONGE JUU NDILE SHOP. | S | $000^{\circ} 43000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 260^{\circ}$ | 1476 | 1974 |  | 11 |
| 9338035 | TAITA FARMERS TRAINING CENT RE | S | $00^{\circ} 4600{ }^{\circ} \mathrm{E}$ | $38^{\circ} 2100{ }^{\prime \prime}$ | 1804 | 1975 |  | 10 |
| 9338036 | manyanl Gate | S | $00^{\circ} 2500^{\circ} \mathrm{E}$ | $38^{\circ} 30000^{\prime \prime}$ | 590 | 1971 |  | 16 |
| 9338037 | THEPIPE LINE AIRSTRIP | S | 600 ${ }^{\circ} 25^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 23^{\prime} 00^{\prime \prime}$ | 722 | 1975 |  | 10 |
| 9338038 | sala lodge gauge | S | $00^{\circ} 29 \% 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 55^{\prime} 00^{\prime \prime}$ | 394 | 1975 |  | 11 |
| 9338039 | kasigaugate | S | $00^{\circ} 70000^{\circ} \mathrm{E}$ | $38^{\circ} 2700^{\prime \prime}$ | 672 | 1975 |  | 10 |
| 9338040 | lugard falls | S | $00^{\circ} 22000^{\prime \prime}$ E | $38^{\circ} 4200{ }^{\prime \prime}$ | 361 | 1975 |  | 9 |
| 9338041 | buFfalo Wailows | S | $002900^{\circ} \mathrm{E}$ | $38^{\circ} 3700^{\prime \prime}$ | 492 | 1975 |  | 6 |
| 9338042 | SOBO AIKSTRIP | S | 0026200'E | $38^{\circ} 510^{\circ} 00^{\prime \prime}$ | 361 | 1975 |  | 8 |
| 9338043 | MUDANDA ROCK | S | 00\%3000"E | $38^{\circ} 3200^{\prime \prime}$ | 590 | 1975 |  | 8 |
| 9338044 | MWAKIKISEED FARM-MBOLOLO | S | $00^{\circ} 40000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 29^{\circ} 00^{\prime \prime}$ | 754 | 1975 |  | 12 |
| 9338045 | KILIMAMBISI AIRSTRIP | S | $00^{\circ} 70000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 28^{\circ} 00^{\prime \prime}$ | 689 | 1975 |  | 8 |
| 9338016 | PUNDA MILIA AIRSTRIP | S | $00^{\circ} 29000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 45^{\circ} 00^{\prime \prime}$ | 459 | 1975 |  | 9 |
| 9338047 | KANJARO AIRSTRIP | S | 00\%6900'E | $38^{\circ} 16^{\prime} 00^{\prime \prime}$ | 853 | 1975 |  |  |
| 9338048 | Kangetcliwa airstrip | S | 00 $0^{\circ} 30^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 08^{\circ} 00^{\prime \prime}$ | 984 | 1975 |  | 3 |
| 9338019 | KAMSHARI AlRSTRIP | S | $00^{\circ} 60^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 05^{\circ} 00^{\prime \prime}$ | 918 | 1975 |  | 3 |
| 9338050 | IRIMA EXClOSURE | S | $00^{\circ} 38000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 31^{\circ} 00^{\prime \prime}$ | 656 | 1975 |  | 8 |
| 9338051 | MUKWAJU AIRSTRIP | $S$ | $00^{\circ} 43000^{\prime \prime}$ E | $38^{\circ} 58^{\prime} 00^{\prime \prime}$ | 394 | 1975 |  | 7 |
| 9338052 | NDARA EXClosure | S | $00^{\circ} 4500{ }^{\circ} \mathrm{E}$ | $38^{\circ} 44^{\prime} 00^{\prime \prime}$ | 525 | 1975 |  | 10 |
| 9338053 | WONGONYI FULL PRI. SCHOOL | S | $00^{\circ} 39^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 266^{\circ} 0^{\prime \prime}$ | 1476 | 1975 |  | 3 |
| 9338054 | SAGALLA RANCH | S | $00^{\circ} 53000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 31{ }^{\circ} 00^{\prime \prime}$ | 607 | 1976 |  | 11 |
| 9338055 | amaka rancll ctaita ranching co. | S | 0097300'E | $38^{\circ} 500^{\circ} 0^{\prime \prime}$ |  | 1977 |  |  |
| 9338056 | OLD NGULIA SAFARI CAMP | S | $00^{\circ} 22000^{\prime \prime}$ E | $38^{\circ} 06^{\circ} 00^{\prime \prime}$ | 689 | 1975 |  | 12 |
| 9338057 | SAGALLA(DIP BOMA) | S | $00^{\circ} 75000$ | $38^{\circ} 4000{ }^{\prime \prime}$ | 615 | 1979 |  | 3 |
| 9338058 | TSAVO RESEARCH CENTRE | S | $00^{\circ} 41^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38{ }^{\circ} 3600{ }^{\prime \prime}$ | 640 | 1980 |  | 6 |
| 9338059 | hualeni ranch headpuaters | S | $00^{\circ} 63000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1800^{*}$ | 804 | 1979 |  | 6 |
| 9338060 | LUALENI RANCH BORE HOLENO. 1 | S | $00^{\circ} 5500^{\circ} \mathrm{E}$ | $38^{\circ} 1300{ }^{\prime \prime}$ | 902 | 1980 |  |  |
| 9338061 | Mgeno ranching d.a co. LTD. | S | $00^{\circ} 58^{\circ} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 28.00^{\prime \prime}$ | 886 | 1980 |  | 8 |
| 9338062 | MGENO RANCH KIREMBO BOMA | S | $00^{\circ} 53000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 31^{\prime} 00^{\prime \prime}$ | 951 | 1980 |  | 6 |
| 9338063 | MGENO BORANA BOMA | S | $00^{\circ} 55000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 32^{\circ} 00^{\prime \prime}$ | 820 | 1980 |  |  |
| 9338064 | CHOGERANCH | $S$ | $00^{\circ} 61^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 2500^{\prime \prime}$ | 935 | 1980 |  |  |
| 9338065 | GHAZI FULL PRI. SCIHOOL | s | $00^{\circ} 3700^{\prime \prime} \mathrm{E}$ | $38^{\circ} 2700^{\prime \prime}$ | 771 | 1980 |  | 2 |
| 9338066 | WANGALA RANCH | S | $0005700^{\circ \prime} \mathrm{E}$ | $38^{\circ} 51^{10} 0^{\prime \prime}$ | 476 | 1980 |  |  |
| 9338067 | MaUNGU RANCHNG CO. LTD. | S | $00^{\circ} 6300^{4} \mathrm{E}$ | $38^{\circ} 3700^{\prime \prime}$ | 738 | 1980 |  | 5 |
| 9338068 | maungu headlams boma | S | $00^{\circ} 72000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 3400^{\circ}$ | 656 | 1980 |  | 8 |
| 9338069 | NDARA RANCH | S | $00^{\circ} 49000^{\prime \prime} \mathrm{E}$ | $38^{\circ} 3900{ }^{\prime \prime}$ | 574 | 1980 |  |  |
| 9338070 | SAGALLA Chiefs office | S | $00^{\circ} 51^{100} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 3500{ }^{\prime \prime}$ | 1476 | . 1978 |  | 4 |
| 9338071 | GIMBA PRIMARY SCHOOL | S | $000^{\circ} 4600^{\prime \prime} \mathrm{E}$ | $38^{\circ} 3300^{\prime \prime}$ | 656 | 1980 |  |  |
| 2388072 | KISHUSHE PRIMARY SCHOOL | S | $00^{5} 3700^{\prime \prime} \mathrm{E}$ | $38^{\circ} 1700$ | 1050 | 1980 |  | 4 |


| Code | Name | Coordinate |  |  | $\begin{aligned} & \text { Height } \\ & (E L: m) \end{aligned}$ | Pcriod of Record |  |  |
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|  |  |  | l.atiude | Longitude |  | Stant | Close | Years |
| 9338073 | KEDAI FARM, VOI | S | 00 ${ }^{\circ} 3600{ }^{\prime \prime} \mathrm{E}$ | $38^{\circ} 2200{ }^{\prime \prime}$ |  |  |  |  |
| 9338074 | ITINI-KIOKO MULULUS FARM | S | 00 $057600^{\circ} \mathrm{E}$ | $38^{\circ} 43^{\prime} 00^{\prime \prime}$ | 869 672 | 1980 |  | 9 |
| 9338076 | MKUKIRANCH LTD | S | $00^{\circ} 6400^{\prime \prime} \mathrm{E}$ | $38^{\circ} 2700^{\circ}$ | 828 | 1986 |  |  |
| 9339000 | MAVERAS RAILWAY STATION | S | $00^{\circ} 788^{\circ} 00^{-1} \mathrm{E}$ | $39^{\circ} 3300^{\circ}$ | 175 | 1904 |  | 66 |
| 9339001 | KALOLENI SCHOOL , MOMBASA | S | $00^{\circ} 68^{\prime} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 38000^{\prime \prime}$ |  | 1922 | 1956 | 29 |
| 9339002 | Mackinon road rallway station | S | 00\%64'00' E | $39^{\circ} 0300{ }^{\circ}$ | 385 | 1904 |  | 68 |
| 9339003 | E.A.R. CORP.MARIAKANI | S | $00^{\circ} 7200{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 28^{\circ} 00^{\prime \prime}$ | 222 | 1931 | 1957 |  |
| 9335004 | KILIFI DIStRiCT OfFICE | S | $00^{\circ} 58.00^{\prime \prime} \mathrm{E}$ | 39\%5100" | 22 | 1918 |  | 63 |
| 9339005 | SOKOKI PLANTATION , KILIFt | S | $00^{\circ} 55000{ }^{-E}$ | $39^{\circ} 4800^{\circ}$ | 139 | 1917 | 1954 | 6 |
| 9339006 | SAMBURU STATION(RAILWAY) | S | $00^{\circ} 6700^{\prime \prime} \mathrm{E}$ | $39^{\circ} 1600^{\prime}$ | 301 | 1929 |  | 50 |
| 9339007 | Shimolatewa secondary school | S | $00^{\circ} 7700{ }^{\circ} \mathrm{E}$ | $39^{\circ} 4500{ }^{\prime \prime}$ | 3 | 1932 | 1961 | 11 |
| 9339008 | KAKONENI CHIEFS CAMP | S | $00^{\circ} 3000{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 52.00^{\prime \prime}$ | 66 | 1935 |  | 49 |
| 9339009 | KILIFI KIBARANI | S | $00^{\circ} 56000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 5100^{\circ}$ | 16 | 1936 |  | 47 |
| 9339010 | MARAFA DISPENSARY | S | $00^{\circ} 22000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 58^{\circ} 00^{\prime \prime}$ | 66 | 1937 |  | 41 |
| 9339011 | DAGAMRA, MALINDI | S | $00^{\circ} 28000^{\circ} \mathrm{E}$ | $39^{\circ} 58^{\circ} 00^{\prime \prime}$ | 11 | 1938 | 1967 | 23 |
| 9339012 | GANZE DISPENSARY | S | $00^{\circ} 5200{ }^{\circ} \mathrm{E}$ | $39^{\circ} 41^{10} 0^{\prime \prime}$ | 197 | 1938 |  | 40 |
| 9339013 | CHONYI DISPENSARY | S | $00^{\circ} 6700^{\prime \prime} \mathrm{E}$ | $39^{\circ} 4000{ }^{\prime \prime}$ | 276 | 1938 |  | 44 |
| 9339014 | RISE M.M.S. MiSSION , MAIERAS | S | $00^{\circ} 7400{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 38^{\prime} 00^{\prime \prime}$ | 230 | 1938 | 1939 |  |
| 9339015 | VITENGENI DISPENSARY | S | $00^{\circ} 42^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 4200{ }^{\prime \prime}$ | 164 | 1939 |  | 17 |
| 9339016 | BAMBA RESEARCH SUB-STATION | S | $00^{\circ} 5200{ }^{\circ} \mathrm{E}$ | $39^{\circ} 3100^{\circ}$ | 262 | 1939 |  | 30 |
| 9339017 | Mariakanl veterinary camp | S | $00^{\circ} 7200{ }^{\circ} \mathrm{E}$ | 39 $29.00^{\prime \prime}$ | 222 | 1939 | 1977 | 32 |
| 9339018 | DIDA FOREST GUARD, KILIFI | S | $00^{\circ} 48^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 4700^{\prime \prime}$ | 131 | 1940 | 1949 | 7 |
| 9339019 | DIDA KILIFI | S | 00 ${ }^{\circ} 4600{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 5000{ }^{\prime \prime}$ | 49 | 1941 | 1944 | 3 |
| 9339020 | MTWAPA, KILIFI | s | $00^{\circ} 7700{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 45^{\circ} 00^{\circ}$ | 3 | 1946 | 1946 |  |
| 9339021 | MTWAPA , MOMBASA | S | $00^{\circ} 7100^{\prime \prime} \mathrm{E}$ | $39^{\circ} 45^{\circ} 00^{\circ}$ | 10 | 1947 | 1947 |  |
| 9339022 | Mackinnon road doos office | S | $00^{\circ} 64000^{\prime \prime}$ | $39 \% 300^{\prime \prime}$ | 385 | 1904 | 1950 | 43 |
| 9339023 | MAII YA CHUMVI RALLWAY STATION | S | $00^{\circ} 6900{ }^{\circ} \mathrm{E}$ | $39^{\circ} 2300{ }^{-}$ | 179 | 1949 |  | 26 |
| 9339024 | GIRIAMA INTERMEDIATE SCHOOL | S | $00^{\circ} 70000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 3600{ }^{\circ}$ | 262 | 1950 | 1963 | 8 |
| 9339025 | DIDA MILL, KILIFI | S | $00^{\circ} 4300{ }^{\circ} \mathrm{E}$ | $39^{\circ} 51^{\circ} 00^{\circ}$ | 143 | 1950 | 1955 | 4 |
| 9339026 | JARIBUNI DISPENSARY, KILIFI | S | $00^{\circ} 5800^{\prime \prime} \mathrm{E}$ | $39^{\circ} 45^{\circ} 00^{\circ}$ | 66 | 1950 | 1963 | 5 |
| 9339027 | MALINDI BARICHO | S | $00^{\circ} 26^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 47{ }^{\circ} 00^{\prime \prime}$ | 72 | 1950 |  | 27 |
| 9339028 | Mrondea Plantation , KILIFt | S | $00^{\circ} 55^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 5300{ }^{\prime \prime}$ |  | 1950 | 1963 | 11 |
| 9339029 | MTWAPA DISPENSARY, KILIFI | S | $00^{\circ} 77700^{\circ} \mathrm{E}$ | $39^{\circ} 440^{\circ}{ }^{\circ}$ | 26 | 1950 | 1956 | 4 |
| 9339030 | KILIFI JIBANA DISPENSARY | $s$ | $00^{\circ} 7000{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 41^{\circ} 00^{\prime \prime}$ | 164 | 1950 |  | 30 |
| 9339032 | JEURE, KILIFI | S | $00^{\circ} 7200^{\prime \prime} \mathrm{E}$ | $39^{\circ} 48800^{\prime \prime}$ | 164 | 1950 |  | 25 |
| 9339033 | KAZINUNI,KILIFI | S | $00^{\circ} 650^{\circ \prime} 0^{\prime \prime}$ | $39^{\circ} 4800{ }^{\prime \prime}$ | 148 | 1953 | 1953 |  |
| 9339034 | Malindi Shakana chiefs office | S | $00^{\circ} 28^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 40^{\circ} 00^{\prime \prime}$ | 98 | 1953 |  | 27 |
| 9339035 | KILIFI, TAKAUNGU ARAB SCHOOL | S | $00^{\circ} 6100^{\prime \prime} \mathrm{E}$ | 39 ${ }^{\circ} 22^{\circ} 00^{\prime \prime}$ | 20 | 1955 |  | 16 |
| 9339036 | MTWAPA AGROMET STATION | S | $00^{\circ} 7600{ }^{\prime \prime}$ | $39^{\circ} 4400{ }^{\prime \prime}$ | 23 | 1959 |  | 29 |
| 9339037 | MAZERAS NURSERIES | S | 00 ${ }^{\circ} 78^{\circ} 00^{\prime \prime}$ E | $39^{\circ} 3300{ }^{\prime \prime}$ | 177 | 1959 |  | 16 |
| 9339038 | KALOLENI BOMA | S | 00 ${ }^{\circ} 68000^{\circ} \mathrm{E}$ | $39^{\circ} 3700{ }^{\circ}$ | 243 | 1960 |  | 26 |
| 9339039 | RURUMA CIIEFS CAMP. | S | 0007400'E | $39^{\circ} 3600{ }^{\prime \prime}$ | 184 | 1960 |  | 24 |
| 9339040 | GALANA RIVER SCHEME | S | $00^{\circ} 2300^{\prime \prime} \mathrm{E}$ | $39^{\circ} 1400{ }^{\circ}$ | 213 | 1960 | 1966 | 12 |
| 9339041 | GIRIAMA ST. GEORGES HIGH SCH. | S | $00^{\circ} 69^{\circ} 00^{\circ} \mathrm{E}$ | $39^{\circ} 3600{ }^{\prime \prime}$ | 262 | 1961 |  | 24 |
| 9339042 | Ribe Seconduary School. | s | $00^{\circ} 7300^{\circ} \mathrm{E}$ | $39^{\circ} 3800$ | 230 | 1964 |  |  |
| 9339043 | RABAI CHIEF'S OFFICE | S | $00^{\circ} 7600^{\prime \prime} \mathrm{E}$ | $39^{\circ} 3400{ }^{\prime \prime}$ | 177 | 1964 |  | 20 |
| 9339014 | GIRIAMA INT.SCHCOL | $\mathbf{S}$ | $00^{\circ} 7400^{\prime \prime} \mathrm{E}$ | $39^{\circ} 433^{\circ}{ }^{\circ}$ | 131 | 1964 | 1966 |  |
| 9339015 | IILORE FOREST STATION | $s$ | $00^{\circ} 32000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 55000$ | 49 | 1954 |  | 33 |
| 9339046 | TSAVO NATIONAL PARK, SALA | S | $00^{\circ} 24^{\prime} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 1000{ }^{\prime \prime}$ | 197 | 1969 |  | 18 |
| 9339047 D | DANISA (GALANA) | $s$ | $00^{\circ} 2300^{\prime \prime} \mathrm{E}$ | $39^{\circ} 2000{ }^{\circ}$ | 164 | 1968 |  | 13 |
| 9339048 | Mazeras reservolrs | $S$ | 0007900" E | $39^{\circ} 3300{ }^{\prime \prime}$ | 175 | 1971 |  | 19 |
| 9339049 N | Makamini chiefs office | S | $00^{\circ 79} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 15^{\prime} 00^{\prime \prime}$ | 131 | 1953 |  | 24 |
| 9339050 J | HLA FULL PRIMARY SCHOOL | S | $00^{\circ} 4500{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 3200{ }^{\prime \prime}$ | 213 | 1971 |  | 12 |
| 9339051 | TARU HARAMBEE SECONDARY SCHOOL | S | $00^{\circ} 6100^{\prime \prime} \mathrm{E}$ | 39 ${ }^{\circ} 09^{\circ} 00^{\prime \prime}$ | 328 | 1972 |  | 6 |
| 9339052 L | dika Plains | S | $00^{\circ} 51^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 01^{\prime} 00^{\prime \prime}$ | 394 | 1975 |  | 7 |
| 9339053 K | KULALUHILL | S | $00^{\circ} 3500^{\prime \prime} \mathrm{E}$ | $39^{\circ} 1300{ }^{\circ}$ | 361 | 1975 |  |  |


| Couk | Name | Coordinate |  |  | $\begin{gathered} \text { Height } \\ (E L: m) \end{gathered}$ | Period of Record |  |  |
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|  |  |  | Latitude | Longitude |  | Start | Close | Years |
| 9339054 | MARIAKANI SECONDARY SCHOOL | S | $00^{\circ} 72^{\circ} 00^{\circ} \mathrm{E}$ | $39^{\circ} 29^{\prime} 00^{\prime \prime}$ | 219 | 1975 |  | 3 |
| 9339055 | GOTANI-KAYAFUNGO CHIEFS CAMP. | S | $00{ }^{\circ} 6700^{\circ} \mathrm{E}$ | $39^{\circ} 32^{\circ} 00^{\prime \prime}$ | 246 | 1976 |  | 10 |
| 9339056 | KILIFI VIPINGO SISAL ESTATE | S | $00^{\circ} 70000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 49^{\prime} 00^{\prime \prime}$ | 16 | 1976 |  |  |
| 9339057 | Marlakani research station | S | $00^{\circ} 72^{\prime} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 2800{ }^{\prime \prime}$ | 197 | 1977 |  | 8 |
| 9339058 | Kauma chiefs office | S | $00^{\circ} 5700^{\prime \prime} \mathrm{E}$ | $39^{\circ} 4400{ }^{\prime \prime}$ | 161 | 1978 |  | 9 |
| 9339059 | Matsangoni primiary school | S | $00^{\circ} 44^{\prime} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 55^{\prime} 00^{\prime \prime}$ | 26 | 1979 |  | 8 |
| 9339060 | NGERENYI DISPENSARY | S | 00 $51^{\circ} 00^{\circ} \mathrm{E}$ | $39^{\circ} 510^{\prime \prime}$ | 57 | 1979 |  | 6 |
| 9339061 | CHUMANI (TE/O ROKA) | S | 00\% ${ }^{\circ} 8^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 53.00^{\prime \prime}$ | 23 | 1979 |  | 4 |
| 9339062 | KAMBE RIBE CHIEF'S OFFICE | S | $00^{\circ} 722^{\prime \prime}$ E | $39^{\circ} 38^{\prime} 00^{\prime \prime}$ | 246 | 1980 |  | 10 |
| 9339063 | KATIKIRIENI PRIMARY SCHOOL | $s$ | $00^{\circ} 6400^{\prime \prime} \mathrm{E}$ | $39^{\circ} 4200{ }^{\prime \prime}$ | 246 | 1980 |  | 7 |
| 9339064 | JUNJU PRIMARY SCHCOL | S | $00^{\circ} 7100^{\prime \prime} \mathrm{E}$ | $39^{\circ} 45{ }^{\circ} 00^{\prime \prime}$ | 131 | 1980 |  | 7 |
| 9339065 | dakatcha primary Schiol | S | $00^{\circ} 21^{\prime} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 48^{\prime} 00^{\prime \prime}$ | 164 | 1980 |  | 7 |
| 9339066 | GARASHI CHIEFS OFFICE | S | $00^{\circ} 28^{\prime} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 53000^{\prime \prime}$ | 49 | 1980 |  | 5 |
| 9339067 | WAKALA TRADING CENTRE | S | 00\% $6000{ }^{\circ} \mathrm{E}$ | $39^{\circ} 50000^{\prime \prime}$ | 131 | 1980 |  |  |
| 9339068 | SOKOKE CHIEFS OFFICE,KITENGENI | S | $00^{\circ} 5100^{\prime \prime} \mathrm{E}$ | $39^{\circ} 46^{\prime} 00^{\prime \prime}$ | 43 | 1980 |  | 9 |
| 9339069 | MIDA MAJAONI LOCATION | S | $00^{\circ} 39000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 588^{\circ 0}$ | 13 | 1980 |  | 4 |
| 9339070 | hademu primary school | S | $00^{\circ} 62^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 366^{\prime \prime} 0^{\prime \prime}$ | 312 | 1980 |  | 5 |
| 9339071 | KOLOBANI TRADING CENTRE | S | $000^{2} 28^{\prime} 00^{\prime \prime} \mathrm{E}$ | 39 ${ }^{\circ} 59^{\circ} 00^{\prime \prime}$ | 335 | 1980 |  | 2 |
| 9339072 | MARAFA MINISTRY OF WATER | S | $00^{\circ} 2200{ }^{\circ} \mathrm{E}$ | $39^{\circ} 58^{\circ} 00^{\prime \prime}$ | 66 | 1980 |  | 8 |
| 9339073 | A.D.C. KULALU RANCH (1) | S | $00^{\circ} 35000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 18^{\prime} 00^{\prime \prime}$ | 230 | 1980 |  | 7 |
| 9339074 | KINAGONI RMID. | S | $00^{\circ} 72100^{\prime \prime} \mathrm{E}$ | $39^{\circ} 140^{\prime \prime}$ | 295 | 1981 |  | 3 |
| 9339075 | Mavirivirini pr Sciool. | S | $00^{\circ} 72000^{\prime \prime}$ E | $39^{\circ} 29^{\circ} 00^{\prime \prime}$ | 262 | 1981 |  |  |
| 9339076 | NYALANI CHIEFS CAMP | S | $00^{\circ} 6900{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 390^{\prime \prime}$ | 197 | 1981 |  | 5 |
| 9339077 | CHUMANI CHIEFS CENTRE | S | $00^{\circ} 4700^{\prime \prime} \mathrm{E}$ | $39^{\circ} 54000^{\circ}$ | 28 | 1981 |  | 5 |
| 9339078 | TSANGATSINI dispensary | S | $00^{\circ} 63000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 2700^{\prime \prime}$ | 221 | 1981 |  | 3 |
| 9339079 | A.D.C KIKAMBALA FARM | S | $00^{\circ} 73000{ }^{\circ} \mathrm{E}$ | $39^{\circ} 47000^{\prime \prime}$ | 26 | 1982 |  | 3 |
| 9339080 | Katendewa primary school | S | $00^{\circ} 48^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 3100^{\prime \prime}$ | 180 | 1985 |  |  |
| 9339081 | NDIGIRIA PRIMARY SCHOOL | S | $00^{\circ} 41^{\prime} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 3100^{\prime \prime}$ | 180 | 1985 |  |  |
| 9339082 | PENTANGUO PRIMARY SCHOOL | S | $00^{\circ} 52000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 3700{ }^{\prime \prime}$ | 230 | 1985 |  |  |
| 9339083 | KAEMBENI PRIMARY SCHOLL | S | $00^{\circ} 3400^{\prime \prime} \mathrm{E}$ | $39^{\circ} 46001$ | 180 | 1985 |  |  |
| 9340000 | Malindi district office | S | $00^{\circ} 3300^{\prime \prime} \mathrm{E}$ | 40\%0700" | 3 | 1900 |  | 88 |
| 9340001 | fundisha salt works etd. | S | $00^{\circ} 22000^{\circ} \mathrm{E}$ | $40^{\circ} 09^{\circ} 00^{\prime \prime}$ | 16 | 1936 |  | 47 |
| 9340002 | GEDE, MALINDI | S | $00^{\circ} 3800^{\prime \prime} \mathrm{E}$ | $40^{\circ} 01^{\prime} 00^{\prime \prime}$ | 33 | 1939 |  | 45 |
| 9340003 | WATAMUMALINDI | S | $00^{\circ} 41^{\prime} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 01^{\prime} 00^{\prime \prime}$ | 16 | 1939 | 1941 |  |
| 9340004 | SIR ALI BIN SALIM SCH. MALINDI | S | $00^{\circ} 33000^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0700^{\circ}$ |  | 1940 | 1955 | 14 |
| 9340005 | MALINDI. WATER SUPPLY | S | $00^{\circ} 30^{\circ 00} 0^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0600^{\circ}$ | 49 | 1952 |  | 32 |
| 9340006 | Malinot ab.c. Kiswani complex | S | $00^{\circ} 3100^{\prime \prime} \mathrm{E}$ | $40^{\circ} 06^{\prime} 00^{\prime \prime}$ | 16 | 1955 |  | 28 |
| 9340007 | ASABAHA AGROMET STATION | S | 00 ${ }^{\circ} 36000^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0300{ }^{\prime \prime}$ | 98 | 1956 |  | 31 |
| 9340009 | Malindimeteorological station | S | $00^{\circ} 3400{ }^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0600^{\prime \prime}$ | 21 | 1961 |  | 28 |
| 9340010 | ganda chiefs camp | S | $00^{\circ} 33.00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0300^{\prime \prime}$ | 20 | 1963 |  | 21 |
| 9340011 | Merikeruni chiefs office | S | $00^{\circ} 25^{\circ} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0600^{\prime \prime}$ | 33 | 1963 |  | 23 |
| 9340012 | GEDE FOREST STATION | S | $00^{\circ} 40000^{\prime \prime} \mathrm{E}$ | $40^{\circ} 01^{\circ} 00^{\circ}$ | 16 | 1971 |  | 16 |
| 9340013 | hollyco limited casuarina | S | $00^{\circ} 36^{\prime} 00^{\prime \prime} \mathrm{E}$ | 40\%0600" | 26 | 1976 |  | 9 |
| 9340014 | A.b.C. KISWANI COMPIEX (SABAKIA) | S | $00^{\circ} 33^{\circ} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0500^{\prime \prime}$ | 26 | 1977 |  | 10 |
| 9340015 | PUMWANI TRADING CENTRE | S | $00^{\circ} 2500{ }^{\circ} \mathrm{E}$ | $40^{\circ} 0200{ }^{\prime \prime}$ | 33 | 1980 |  |  |
| 9340016 | Magarini phimary school | S | $00^{\circ} 22000^{\prime \prime}$ E | $40^{\circ} 0400$ | 115 | 1980 |  | 7 |
| 9340017 | general instigation station | S | $00^{\circ} 25^{\circ} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0700^{\prime \prime}$ | 115 | 1982 |  | 7 |
| 9340018 | MADZAYANI PRIMARY SCHOOL | S | $000^{\circ} 25^{\circ} 00^{\prime \prime} \mathrm{E}$ | $40^{\circ} 0400^{\prime}$ | 115 | 1985 |  |  |
| 9438073 | KAVUMA AIRSTRIP | S | $00^{\circ} 47{ }^{\prime} 00^{\prime \prime} \mathrm{E}$ | $38^{\circ} 26^{\circ} 00^{\prime \prime}$ | 905 | 1975 |  |  |
| 9.439000 | DISTRICT CIVIL ENGINEER'S OFfICE | S | $00^{\circ} 43000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 3900{ }^{\prime \prime}$ | 21 | 1915 |  | 66 |
| 9439001 | KWALE AGRICULTURAL DEPARTMENT | S | $00^{\circ} 51^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 28^{\prime} 00^{\prime \prime}$ | 424 | 1908 |  | 75 |
| 9439002 | MOMBASA OLD ORSERVATORY | S | $00^{\circ} 44^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 4100{ }^{\prime \prime}$ | 17 | 1900 |  | 96 |
| 9439003 | associated sugar works itti.famon | S | $00^{\circ} 71^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 25^{\circ} 00^{\prime \prime}$ | 16 | 1928 |  | 54 |
| 9139001 | gati association sugar works | S | $00^{\circ} 65^{\circ} 00^{+} \mathrm{E}$ | $39^{\circ} 30^{\circ} 00^{\prime \prime}$ | 43 | 1912 |  | 64 |
| 9439005 | WAA GOVT. SCHOOL, MOMBASA | S | 00\%5000"E | $39^{\circ} 3700{ }^{\prime \prime}$ | 22 | 1932 | 1949 | 37 |
| 9439008 | SIREREIEEAD WORXS | S | $00^{\circ} 5200^{\prime \prime}$ E | $39^{\circ} 24^{\prime} 00^{\prime \prime}$ | 213 | 1934 | 1957 | 23 |


| Code | Name | Coordinate |  |  | Height <br> (EL:m) | Period of Record |  |  |
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|  |  |  | Latitude | Longitude |  | Start | Close | Years |
| 9139009 | CHAOAMWE RESERVOIRS, MOMBASA | S | 00, ${ }^{\circ} 1^{10} 00^{-1}$ | 39 $38^{\circ} 00^{\prime \prime}$ |  |  |  |  |
| 9439010 | MSAMVENI HOSPITAL | S | $00^{\circ} 68^{\circ} 00^{\prime \prime} \mathrm{E}$ | E $39^{\circ} 29^{\circ} 00^{\circ}$ | 20 | 1934 | 1957 | 31 |
| 9439011 | LIKONI MODEL DAIRIES | S | $00^{\circ} 4500{ }^{\prime \prime}$ | 39 $4000{ }^{\prime \prime}$ |  | 1935 | 1938 |  |
| 9439012 | BELT.ULRAS | S | $00^{\circ} 45^{\circ} 00^{\prime \prime} \mathrm{E}$ | 39 ${ }^{\circ} 41^{100}$ | 6 | 1935 | 1936 |  |
| 9439013 | VANGA FULL PRIMARY SCHOOL | S | $00^{\circ} 8000{ }^{\prime \prime}$ | 39 ${ }^{\circ} 13000^{\prime \prime}$ | 13 | 1935 | 138 | 50 |
| 9439014 | MISAMBWENI DISTRICT OFFICE | S | $00^{\circ} 68^{\circ} 00^{\prime \prime} \mathrm{E}$ | 39 ${ }^{\circ} 29^{\circ} 00^{\prime \prime}$ | 7 | 1935 |  | 50 |
| 9439015 | XINANGO AGRIC. OFFICE KWALE | S | $00^{\circ} 48.00^{-1}$ | $39^{\circ} 1900^{\prime \prime}$ | 328 | 1936 |  | 41 |
| 9439017 | MSAMBWENI,TIWI DISPENSARY | S | $00^{\circ} 5400{ }^{\circ} \mathrm{E}$ | $39^{\circ} 35^{\circ} 00^{\prime \prime}$ | 10 | 1939 |  | 35 |
| 9439019 | MOMBASA MET. STATION | S | $00^{\circ} 4300{ }^{\circ} \mathrm{E}$ | $39^{\circ} 38{ }^{\circ} 00^{\circ}$ | 17 | 1900 | 1945 | 54 |
| 9439020 | RAS SEVANI, MOMBASA | S | 00\% ${ }^{\circ} 4500{ }^{\circ}$ | $39^{\circ} 41^{\prime 0} 0^{\prime \prime}$ | 10 | 1941 | 1952 | 11 |
| 9439021 | MOMBASA PORT REIT $/$ AIRPORT | S | $000^{\circ} 4200{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 3700^{\circ}$ | 61 | 1946 |  | 42 |
| 9439022 | MTONGWE, MOMBASA | S | $00^{\circ} 4400{ }^{-1}$ | $39^{\circ} 39^{\circ} 00^{\circ}$ | 33 | 1946 | 1947 |  |
| 9439023 | BANBURI MOMBASA | S | $00^{\circ} 80000$ | $39^{\circ} 4300{ }^{\prime \prime}$ | 5 | 1947 | 1951 | 3 |
| 9439024 | MAKOMANI, MOMBASA | S | $00^{\circ} 4300{ }^{-1}$ E | $39^{\circ} 41000^{\circ}$ | 16 | 1947 | 1951 | 2 |
| 9439025 | KINAGO PUMPING STATION | S | $00^{\circ} 4900{ }^{\circ} \mathrm{E}$ | $39^{\circ} 25000^{\circ}$ | 131 | 1948 | 1851 | 38 |
| 9439026 | KISAUNI, MOMBASA | S | $00^{\circ} 4200{ }^{\circ} \mathrm{E}$ | $39^{\circ} 4000{ }^{\circ}$ | 16 | 1948 | 1962 | 12 |
| 9439027 | KWALE.MWANGULU CHIEFS CAAP | S | $00^{\circ} 6500{ }^{\prime \prime}$ | $39^{\circ} 0700^{\prime \prime}$ | 131 | 1948 |  | 28 |
| 9439028 | KWALE NDAVAYA | S | $00^{\circ} 55000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 1000{ }^{\circ}$ | 328 | 1948 |  | 37 |
| 9439029 | Matuga. MOMBASA | S | $00^{\circ} 50000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 3400^{\circ}$ | 131 | 19.48 | 1961 | 28 |
| 9439030 | MUHAKA I.C.P.E. COASTAL FIELD ST | S | $00^{\circ} 60000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 31^{\circ} 00^{\prime}$ | 66 | 1949 |  | 34 |
| 9439031 | SHIMBA HILLS,MRERE NO. 1 | S | $00^{\circ} 5300{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 25^{\circ} 00^{\prime \prime}$ | 438 | 1949 |  | 34 |
| 9439032 | MRERE NO. 2, SHIMBA HILLS | S | $00^{\circ} 5500{ }^{\circ} \mathrm{E}$ | $39^{\circ} 2300^{\prime \prime}$ | 380 | 1949 | 1963 | 14 |
| 9439033 | MRERE NO. 3, SHIMBA HILLS | S | $00^{\circ} 5700^{\prime \prime} \mathrm{E}$ | $39^{\circ} 26^{\circ} 00^{\prime \prime}$ | 236 | 1949 | 1963 | 12 |
| 9439034 | MRERENO. 4 , SHIMBA HILLS | S | 00\%5700" E | $39^{\circ} 2100^{\prime \prime}$ | 321 | 1949 | 1963 | 12 |
| 9439035 | KIBANDAONGO, KWALE | S | $00^{\circ} 43^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 24^{\circ} 00^{\prime \prime}$ | 197 | 1950 | 1954 | 3 |
| 9439036 | MUGANDIA (SWASTIC FARM) | 5 | $00^{\circ} 5000{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 3700^{\prime \prime}$ | 25 | 1951 | 1953 |  |
| 9439037 | NORTH KISAUNI , MOMBASA | S | 0094200'E | $39^{\circ} 41^{\prime} 00^{\prime \prime}$ | 16 | 1951 | 1953 |  |
| 9439038 | MSAMBWENI,WAA DISPENSARY | S | 00 $0^{\circ} 5000{ }^{\prime \prime}$ E | $39^{\circ} 35^{\circ} 00^{\prime \prime}$ | 33 | 1952 |  | 33 |
| 9439039 | SHIMANZI, MOMBASA | S | $00^{\circ} 44000^{\prime \prime}$ E | $39^{\circ} 41^{\prime} 00^{\prime \prime}$ | 10 | 1952 | 1953 |  |
| 9439010 | mombasa rest youse | S | $00^{\circ} 4300{ }^{\circ} \mathrm{E}$ | $39^{\circ} 3900{ }^{\prime \prime}$ | 23 | 1952 | 1965 | 11 |
| 9439041 | MOMBASA PLAYING FEILDS | S | $00^{\circ} 44000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 4000{ }^{\prime \prime}$ | 18 | 1952 | 1985 | 12 |
| 9439043 | SIMBA HILLS SETTLEMENT SCHEME | S | $00^{\circ} 6200^{\circ} \mathrm{E}$ | $39^{\circ} 2500{ }^{\prime \prime}$ | 262 | 1951 |  | 34 |
| 943904 | GAZI,KIKONENI AGRICULTURAL STN. | S | 00\%6800' | $39^{\circ} 1700^{\prime \prime}$ | 164 | 1953 |  | 31 |
| 9439045 | MOMBASA SHIMANZI WATER DIVISION | S | $00^{\circ} 4300{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 39^{\prime} 00^{\prime \prime}$ | 16 | 1900 | 1971 | 81 |
| 9439046 | VANGA LUNGA LUNGA CAMP | S | $00^{\circ} 7300{ }^{\circ} \mathrm{E}$ | $39^{\circ} 0700{ }^{\prime \prime}$ | 66 | 1951 |  | 33 |
| 9439047 | MUGANDIA , MOMBASA | $s$ | $00^{\circ} 5000{ }^{\circ} \mathrm{E}$ | $39^{\circ} 3700^{\circ}$ | 23 | 1955 | 1955 |  |
| 9439050 | St CHARLES LWANGA SEC. SCHOOL | S | $00^{\circ} 4100^{\prime \prime} \mathrm{E}$ | $39^{\circ} 3700^{\circ}$ |  | 1968 | 1977 | 3 |
| 9439051 | T1MBWANI,LIKONI | $\mathbf{S}$ | 00.4700' E | $39^{\circ} 4000{ }^{\circ}$ | 6 | 1969 |  | 8 |
| 9439052 | longomagadi, KWale | S | $00^{\circ} 54^{\prime} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 2500^{\circ}$ | 129 | 1969 | 1977 | 6 |
| 9439053 | MKONGANI CHIEFS CAMP | S | $00^{\circ} 5700^{\prime \prime} \mathrm{E}$ | $39^{\circ} 1600{ }^{\prime \prime}$ | 180 | 1971 |  | 15 |
| 9439054 | MWENA FULL PRIMARY SCHOOL | S | 00'6900 ${ }^{\prime \prime}$ E | $39^{\circ} 08^{\circ} 00^{\prime \prime}$ | 82 | 1969 |  | 14 |
| 9439055 | MWERENI AGRICULTURAL STATION | S | $00^{\circ} 60000^{\prime \prime}$ | $39^{\circ} 08.00^{\prime}$ | 148 | 1971 |  | 12 |
| 9439058 | lUKORE PRIMARY SCHOOL | S | $00^{\circ} 63000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 1900^{\prime \prime}$ | 66 | 1971 |  | 10 |
| 9439057 | PUMA CHIEFS CAMP | $s$ | $00^{\circ} 46^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 1400^{\prime \prime}$ | 197 | 1970 |  | 12 |
| 9439058 | SIIMONS FISHERIES STATION | S | $00^{\circ} 7900{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 2300^{\circ}$ | 8 | 1973 |  | 14 |
| 9439059 | KILINDINI OLD FIRE STASTION MSA. | S | $00^{\circ} 4400{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 39^{\prime} 00^{\prime \prime}$ | 6 | 1973 |  | 11 |
| 9439060 | KILINDINI HARBOUR HEADQUARTERS B | S | $00^{\circ} 43000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 39^{\circ} 00^{\prime \prime}$ | 6 | 1973 |  | 8 |
| 9439061 | KWALE FOREST STATION | S | $00^{\circ} 5100^{\prime \prime} \mathrm{E}$ | $39^{\circ} 2700^{\circ}$ | 118 | 1976 |  | 11 |
| 9439062 | MUTUGA DISTRICT DEVELOPMENT CTR. | S | $00^{\circ} 4500{ }^{\prime \prime} \mathrm{E}$ | $39^{\circ} 2500^{\prime \prime}$ | 66 | 1976 |  | 11 |
| 9439064 | NGULUKU AGRICULTURAL CAMP | S | $00^{\circ} 6100{ }^{\circ} \mathrm{E}$ | $39^{\circ} 1600^{\prime \prime}$ | 98 | 1977 |  | 2 |
| 9.439065 | KIDONGO PARK'S GATE | S | 000 $0^{\circ} 9000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 22^{\prime} 00^{\prime \prime}$ | 230 | 1977 |  | 9 |
| 9439066 | UKUNDA VETERINARY RESEARCHI STN. | S | $00^{\circ} 5700^{\circ} \mathrm{E}$ | $39^{\circ} 3500{ }^{\prime \prime}$ | 18 | 1980 |  | 7 |
| 9439067 | VIGURUNGANI RANGE M. DIVISSION | S | $00^{\circ} 42.00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 1000{ }^{\prime \prime}$ | 259 | 1981 |  |  |
| 9439068 | VYONGWANI PRIMARY SCHOOL | S | $00^{\circ} 50000^{\prime \prime} \mathrm{E}$ | $39^{\circ} 2900{ }^{\prime \prime}$ | 180 | 1981 |  |  |
| 9439069 | mWalupliamba location | S | 00 $0^{\circ} 5400^{\circ \prime \mathrm{E}}$ | $39^{\circ} 2300{ }^{\prime \prime}$ | 230 | 1982 |  | 3 |
| 9439070 | gUSA SUB CIIEFS CAMP | S | $00^{\circ} 48^{\circ} 00^{\prime \prime} \mathrm{E}$ | $39^{\circ} 0400^{\prime \prime}$ | 312 | 1985 |  |  |
| 9339071 | LIKONI POLICE STATION |  | $09^{\circ} 45^{\prime} 00^{\prime \prime}$ E | $39^{\circ} 3900{ }^{\circ}$ | 16 | 1985 |  |  |

2.2 Basin Mean Rainfall by Sub-drainage Area

| Sub-basin | Catchment | Ian Feb Mar Apt May Monty Mean Rainfall (mm) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | Area (km2) |  |  |  |  |  |  |  |  |  |  |  |  | Mean (mm) |
| IAB | 246 | 33 | 87 | 158 | 238 | 252 | 126 | 106 |  |  |  |  |  |  |
| 1 AB | 293 | 52 | 87 | 156 | 254 | 257 | 133 | 112 | 125 | 143 | 186 | 158 | 69 | 1687 |
| $1 A^{\prime} \mathrm{C}$ | 120 | 52 | 89 | 159 | 258 | 260 | 133 | 111 | 124 | 140 | 142 | 153 | 66 | 1682 |
| IAD | 222 | 54 | 83 | 155 | 261 | 234 | 109 | 93 | 128 | 140 | 143 | 155 | 68 | 1696 |
| IAE | 176 | 56 | 79 | 153 | 263 | 216 | 93 | 81 | 132 | 158 | 155 | 178 | 71 | 1664 |
| 1 AF | 411 | 57 | 85 | 158 | 264 | 242 | 122 | 100 | 133 | 150 | 163 | 170 | 74 | 1643 |
| 1 AO | 359 | 64 | 87 | 166 | 275 | 254 | 149 | 113 | 150 | 152 | 154 | 1 | 72 | 1702 |
| 1 AH | 564 | 56 | 77 | 150 | 257 | 209 | 88 | 78 | 125 | 149 | 158 | 154 | 75 | 1801 |
| 1BA | 628 | 34 | 47 | 86 | 171 | 162 | 84 | 129 | 124 | 149 74 | 156 93 | 1113 | 73 | 1589 |
| 18B | 865 | 33 | 48 | 90 | 182 | 182 | 103 | 132 | 133 | 104 | 109 | 116 | 42 | 1164 |
| 18C | 770 | 24 | 42 | 75 | 175 | 188 | 126 | 166 | 159 | 131 | 94 | 116 | 40 | 1278 |
| 18D | 678 | 34 | 49 | 70 | 138 | 152 | 110 | 167 | 186 | 91 | 63 | 64 | 31 | 1308 |
| 1BE | 1011 | 35 | 53 | 95 | 172 | 183 | 126 | 133 | 162 | 135 | 112 | 93 | 34 | 1161 |
| 1 BG | 907 | 35 | 53 | 90 | 168 | 179 | 125 | 140 | 169 | 128 | 112 | 93 | 34 34 | 1337 1317 |
| 18H | 618 | 43 | 69 | 122 | 208 | 216 | 129 | 126 | 147 | 134 | 123 | 119 | 49 | 1491 |
| ICA | 684 | 30 | 46 | 69 | 134 | 137 | 99 | 162 | 170 | 78 | + 54 | 119 63 | 29 | 1491 |
| 1 CB | 671 | 31 | 46 | 71 | 140 | 140 | 101 | 165 | 173 | 79 | 56 | 68 | 31 | 11107 |
| 1 CC | 664 | 47 | 57 | 96 | 170 | 154 | 123 | 161 | 180 | 108 | 79 | 96 | 43 | 11317 |
| 1 CD | 521 | 42 | 58 | 88 | 160 | 164 | 124 | 169 | 191 | 106 | 71 | 80 | 38 | 1301 |
| 1CE | 231 | 37 | 51 | 70 | 141 | 164 | 119 | 173 | 200 | 99 | 67 | 64 | 32 | 1221 |
| 1DA | 520 | 53 | 84 | 143 | 238 | 240 | 137 | 135 | 152 | 137 | 129 | 135 | 62 | 1650 |
| 1DB | 696 | 52 | 87 | 156 | 254 | 256 | 133 | 112 | 125 | 140 | 142 | 152 | 66 | 1680 |
| 1 DC | 373 | 61 | 89 | 165 | 270 | 263 | 151 | 118 | 142 | 146 | 151 | 152 | 72 | 1788 |
| 1DD | 355 | 63 | 89 | 166 | 273 | 263 | 156 | 119 | 147. | 148 | 153 | 151 | 73 | 1806 |
| 1EA | 429 | 88 | 122 | 194 | 312 | 274 | 196 | 202 | 231 | 191 | 172 | 160 | 88 | 2235 |
| 1EB | 380 | 80 | 106 | 183 | 299 | 270 | 186 | 164 | 199 | 172 | 167 | 153 | 83 | 2068 |
| 1EC | 250 | 76 | 96 | 177 | 292 | 268 | 180 | 143 | 181 | 162 | 164 | 150 | 80 | 1975 |
| 1 ED | 128 | 72 | 89 | 173 | 286 | 267 | 176 | 126 | 167 | 154 | 162 | 147 | 78 | 1902 |
| IEE | 401 | 67 | 74 | 152 | 252 | 214 | 120 | 92 | 125 | 122 | 134 | 143 | 74 | 1573 |
| IEF | 385 | 61 | 52 | 121 | 202 | 138 | 46 | 45 | 63 | 70 | 87 | 132 | 68 | 1091 |
| 1 EG | 544 | 67 | 70 | 146 | 243 | 200 | 109 | 85 | 113 | 110 | 123 | 138 | 73 | 1483 |
| 1FA | 240 | 59 | 67 | 115 | 189 | 169 | 144 | 158 | 189 | 133 | 99 | 111 | 49 | 1486 |
| 1FB | 378 | 68 | 77 | 135 | 213 | 191 | 159 | 165 | 199 | 150 | 115 | 123 | 55 | 1652 |
| 1FC | 272 | 65 | 78 | 135 | 214 | 191 | 100 | 165 | 199 | 151 | 116 | 123 | 55 | 1657 |
| 1 FD | 480 | 62 | 72 | 128 | 199 | 176 | 149 | 155 | 188 | 141 | 106 | 118 | 52 | 1551 |
| 1FE | 652 | 85 | 116 | 189 | 307 | 272 | 192 | 187 | 218 | 184 | 170 | 157 | 86 | 2168 |
| 1FF | 272 | 21 | 97. | 166 | 242 | 184 | 101 | 92 | 108 | 106 | 104 | 150 | 94 | 1518 |
| 1 FO | 980 | 60 | 56 | 122 | 204 | 136 | 51 | 44 | 61 | 69 | 84 | 130 | 68 | 1088 |
| 10 A | 443 | 54 | 58 | 92 | 168 | 150 | 123 | 154 | 177 | 110 | 82 | . 96 | 47 | 1316 |
| 1 GB | 518 | 73 | 83 | 142 | 209 | 155 | 109 | 109 | 131 | 105 | 97 | 121 | 73 | 1409 |
| $1 G C$ | 912 | 56 | 55 | 81 | 163 | 138 | 103 | 143 | 161 | 90 | 74 | 88 | 53 | 1210 |
| 1 GD | 720 | 78 | 89 | 149 | 208 | 136 | 79 | 76 | 91 | 79 | 86 | 121 | 83 | 1281 |
| 1GE | 398 | 85 | 90 | 152 | 235 | 165 | 103 | 99 | 119 | 99 | 109 | 128 | 90 | 1481 |
| 1GF | 260 | 80 | 89 | 150 | 216 | 145 | 87 | 83 | 100 | 85 | 93 | 123 | 85 | 1343 |
| 1 GG | 374 | 53 | 52 | 76 | 156 | 134 | 102 | 145 | 162 | 88 | 70 | 85 | 50 | 1179 |
| 11 A | 869 | 72 | 92 | 156 | 218 | 151 | 78 | 73 | 85 | 84 | 86 | 137 | 91 | 1327 |
| JHB | 762 | 55 | 80 | 136 | 218 | 139 | 73 | 49 | 67 | 77 | 82 | 134 | 76 | 1190 |
| 1HC | 521 | 54 | 66 | 123 | 209 | 131 | 62 | 41 | 60 | 71 | 82 | 128 | 67 | 1099 |
| 1H0 | 778 | 84 | 103 | 200 | 263 | 215 | 138 | 116 | 133 | 160 | 158 | 179 | 110 | 1864 |
| 1HE | 761 | 76 | 93 | 180 | 249 | 199 | 117 | 95 | 116 | 142 | 147 | 168 | 102 | 1690 |
| 1HF | 846 | 63 | 73 | 132 | 218 | 166 | 68 | 51 | 84 | 103 | 125 | 143 | 88 | 1319 |
| 1 HG | 333 | 60 | 71 | 125 | 204 | 150 | 60 | 42 | 62 | 76 | 99 | 135 | 91 | 1181 |
| 1 JA | 748 | 68 | 65 | 106 | 206 | 185 | 124 | 147 | 173 | 125 | 111 | 108 | 72 | 1495 |
| 1 B | 262 | 85 | 85 | 143 | 243 | 184 | 121 | 122 | 146 | 114 | 120 | 127 | 88 | 1584 |
| 1 IC | 339 | 81 | 81 | 134 | 231 | 175 | 117 | 124 | 147 | 108 | 112 | 121 | 83 | 1519 |
| 11 D | 213 | 90 | 91 | 155 | 257 | 189 | 122 | 116 | 141 | 115 | 126 | 134 | 95 | 1638 |
| 118 | 601 | 82 | 87 | 121 | 166 | 105 | 69 | 50 | 67 | 65 | 59 | 118 | 107 | 1100 |
| 1 JF | 1006 | 81 | 80 | 137 | 241 | 201 | 129 | 133 | 161 | 132 | 129 | 127 | 89 | 1646 |
| 110 | 312 | 85 | 93 | 163 | 248 | 184 | 114 | 106 | 126 | 115 | 122 | 142 | 96 | 1598 |
| 1 KA | 463 | 78 | 94 | 182 | 250 | 203 | 118 | 97 | 119 | 146 | 151 | 170 | 104 | 1716 |
| 1 KB | 3558 | 75 | 90 | 151 | 222 | 169 | 89 | 63 | 82 | 111 | 122 | 158 | 108 | 1445 |
| 1 KC | 2898 | 84 | 98 | 143 | 207 | 153 | 84 | 53 | 74 | 108 | 109 | 156 | 120 | 1396 |
| $1 \mathrm{LA1}$ | 914 | 69 | 65 | 103 | 193 | 176 | 114 | 126 | 153 | 121 | 103 | 109 | 83 | 1420 |
| ILA2 | 1003 | 85 | 86 | 121 | 164 | 105 | 69 | 50 | 64 | 66 | 57 | 116 | 109 | 1098 |
| $1 \mathrm{LA3}$ | 2886 | 89 | 73 | 106 | 139 | 87 | 55 | 38 | 41 | 52 | 35 | 91 | 97 | 908 |
| 1 LB1 | 1449 | 71 | 70 | 105 | 181 | 148 | 97 | 101 | 124 | 97 | 85 | 108 | 87 | 1279 |
| 1 LB 2 | 2715 | 85 | 73 | 104 | 138 | 84 | 54 | 38 | 43 | 47 | 35 | 91 | 94 | 890 |


| Sub-basin | CachmentArea (km2) | Monthly Mcan Rainfall (mm) |  |  |  |  |  |  |  |  |  |  |  | Annual |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code |  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Ont | Nov | Dec | Mean (mm) |
| 2AA | 11498 | 15 | 16 | 39 | 73 | 30 | 7 | 13 | 6 | 4 | 21 | 48 | 21 | 297 |
| 2 AB | 9853 | 10 | 19 | 4) | 71 | 38 | 13 | 22 | 11 | 9 | 16 | 39 | 15 | 313 |
| 28A | 1325 | 20 | 38 | 68 | 179 | 190 | 121 | 176 | 152 | 124 | 87 | 100. | 28 | 1289 |
| 28B | 2038 | 12 | 23 | 52 | 114 | 100 | 49 | 78 | 61 | 51 | 49 | 62 | 24 | 681 |
| 2BC | 3827 | 13 | 27. | 55 | 136 | 134 | 80 | 121 | 101 | 84 | 60 | 71 | 23 | 911 |
| 2BD | 13251 | 7 | 12 | 34 | 71 | 41 | 14 | 31 | 18 | 14 | 17 | 34 | 17 | 314 |
| 2CA | 3571 | 8 | 11 | 28 | 62 | 30 | 10 | 25 | 12 | 8 | 13 | 30 | 15 | 257 |
| 2 CB | 2380 | 38 | 47. | 88 | 191 | 166 | 106 | 175 | 182 | 83 | 75 | 117 | 51 | 1322 |
| 20 C | 11436 | 14 | 23 | 49 | 95 | 77 | 34 | 57 | 36 | 33 | 46 | 60 | 27. | 557 |
| 2 D | 12965 | 22 | 28 | 57. | 109 | 78 | 43 | 64 | 60 | 33 | 53 | 76 | 31 | 659 |
| 2EA | 412 | 26 | 30 | 54 | 122 | 98 | 62 | 80 | 90 | 55 | 59 | 63 | 32 | 777 |
| 2EB | 726 | 25 | 29 | 54. | 123 | 84 | 58 | 82 | 83 | 46 | 56 | 60 | 27 | 731 |
| 2EC | 826 | 31 | 35 | 57 | 126 | 130 | 74 | 83 | 107 | 76 | 68 | 71 | 44 | 907 |
| 2ED | 421 | 49 | 48 | 67 | 144 | 128 | 100 | 149 | 165 | 85 | 63 | 79 | 45 | 1126 |
| 2EE | 609 | 33 | 39 | 72 | 160 | 125 | 87 | 140 | 145 | 67 | 62 | 88 | 40 | 1063 |
| 2EF | 389 | 43 | 43 | 63 | 139 | 115 | 89 | 132 | 143 | 74 | 61 | 74 | 40 | 1022 |
| $2 \mathrm{EG1}$ | 397 | 51 | 49 | 71 | 153 | 140 | 106 | 151 | 170 | 95 | 73 | 83 | 49 | 1196 |
| 2EG2 | 1264 | 32 | 34 | 57 | 129 | 96 | 70 | 101 | 106 | 57 | 58 | 65 | 32 | 844 |
| 2 EH | 604 | 37 | 47 | 91 | 203 | 172 | 114 | 195 | 204 | 85 | 69 | 121 | 54 | 1397 |
| 2 EJ | 1419 | 23 | 28 | 55 | 123 | 92 | 62 | 98 | 103 | 45 | 51 | 71 | 30 | 786 |
| 2EK | 603 | 24 | 28 | 54 | 123 | 71 | 56 | 83. | 80 | 43 | 55 | 58 | 25 | 711 |
| 2FA | 548 | 30 | 34 | 56 | 121 | 109 | 59 | 60 | 81 | 60 | 59 | 71 | 43 | 788 |
| 258 | 143 | 29 | 33 | 54 | 121 | 126 | 70 | 77 | 102 | 72 | 64 | 69 | 42 | 865 |
| 2FC | 1514 | 39 | 40 | 67 | 145 | 146 | 86 | 95 | 121 | 91 | 80 | 81 | 51 | 1047 |
| 2GA | 323 | 30 | 34 | 56 | 121 | 101 | 54 | 52 | 71 | 55 | 57 | 71 | 44 | 751 |
| 2 GB | 963 | 37 | 42 | 65 | 138 | 124 | 68 | 60 | 80 | 74 | 74 | 87 | 52 | 906 |
| 2 GC | 753 | 46 | 51 | 77 | 161 | 150 | 84 | 66 | 88 | 95 | 95 | 108 | 62 | 1087 |
| 2GD | 1153 | 31 | 35 | 58 | 121 | 82 | 40 | 32 | 46 | 41 | 52 | 73 | 45 | 661 |
| 2 H | 8215 | 48 | 45 | 78 | 149 | 88 | 19 | 12 | 13 | 16 | 33 | 81 | 67 | 654 |
| $2 J$ | 28304 | 11 | 21 | 55 | 87 | 50 | 24 | 44 | 31 | 21 | 24 | 48 | 19 | 441 |
| 2KA | 5092 | 78 | 69 | 99 | 156 | 116 | 57 | 52 | 60 | 57 | 50 | 85 | 78 | 962 |
| 2KB | 1636 | 75 | 64 | 91 | 128 | 79 | 33 | 20 | 21 | 30 | 24 | 72 | 74 | 714 |
| 2KC | 1994 | 57 | 51 | 79 | 116 | 66 | 22 | 13 | 13 | 21 | 19 | 60 | 63 | 585 |


| Sub-basin Code | Catchment <br> Area (km2) | (an Monuly Mean Rainfall (mm) |  |  |  |  |  |  |  |  |  |  |  | Annual Mean (nm) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $f$ fan | Feb | Mar | Apr | May | Jun | Jul | Aug | Scp | Oct | Nov | Dac |  |
| 3AA | 697 | 50 | 47 | 83 | 219 | 150 | 34 | 14 |  |  |  |  |  |  |
| 3 AB | 1786 | 52 | 44 | 88 | 182 | 91 | 19 | 7 | 12 | 26 | 52 | 128 | 89 | 918 |
| 3AC | 887 | 60 | 47 | 107 | 231 | 105 | 19 | 9 | 10 | 14 | 47 | 142 | 91 | 792 |
| 3BA | 830 | 50 | 47 | 93 | 243 | 166 | 38 | 19 | 24 | 14 | 66 | 188 | 107 | 968 |
| 3BB | 256 | 50 | 47. | 107 | 276 | 188 | 43 | 28 | 28 | 31 | 63 | 152 | 92 | 1020 |
| 3 BC | 476 | 49 | 46 | 104 | 260 | 173 | 42 | 29 | 30 | 32 | 76 | 182 | 98 | 1160 |
| 3BD | 328 | 48 | 45 | 112 | 284 | 189 | 44 | 31 | 29 | 32 | 87 | 195 | 94 | 1118 |
| 3 CB | 395 | 45 | 43. | 106 | 263 | 171 | 42 | 29 | 30 | 33 | 87 | 195 | 95 85 | 1195 |
| 3DA | 807 | 61 | 46 | 113 | 235 | 96 | 16 | 8 | 8 | 11 | 71 | 204 | 85 109 | 1126 983 |
| 3DB | 822 | 50 | 40 | 115 | 234 | 58 | 8 | 4 | 6 | 9 | 71 | 270 | 116 | 983 |
| 3EA | 875 | 71 | 51 | 114 | 222 | 79 | 13 | 7 | 7 | 10 | 54 | 202 | 126 | 986 |
| 3EB | 804 | 71 | 51 | 114 | 222 | 79 | 13 | 7 | 7 | 10 | 54 | 202 | 126 | 962 |
| 3EC | 671 | 57 | 45 | 95 | 178 | 66 | 12 | 5 | 5 | 9 | 47 | 164 | 101 | 962 |
| 3ED | 570 | 48 | 38 | 97 | 193 | 49 | 7 | 3 | 4 | 7 | 57 | 234 | 115 | 788 857 |
| 3 FA | 9995 | 45 | 35 | 72 | 124 | 40 | 7 | 2 | 2 | 6 | 36. | 142 | 92 | 609 |
| 3 FB | 4196 | 41 | 29 | 72 | 123 | 29 | 3 | 1 | 3 | 7 | 23 | 185 | 143 | 663 |
| 30 | 6306 | 36 | 26 | 77 | 109 | 39 | 6 | 4 | 5 | 9 | 24 | 142 | 107 | 588 |
| 3HA | 921 | 35 | 22 | 87 | 84 | 30 | 4 | 3 | 7 | 16 | 29 | 119 | 107 | 548 |
| 348 | 2498 | 31 | 19 | 69 | 90 | 83 | 39 | 30 | 26 | 36 | 44 | 99 | 92 | 684 |
| 3 HC | 2942 | 19 | 12 | 43 | 115 | 168 | 92 | 74 | 55 | 56 | 62 | 97 | 72 | 870 |
| 3 HOL | 627 | 21 | 13 | 53 | 122 | 203 | 113 | 84 | 63 | 67 | 65 | 83 | 79 | 972 |
| 3HD2 | 386 | 15 | 12 | 41 | 138 | 210 | 113 | 87 | 60 | 52 | 66 | 100 | 58 | 955 |
| 3 3 | 3022 | 33 | 24 | 86 | 101 | 62 | 13 | 10 | 9 | 13 | 25 | 95 | 66 | 543 |
| 3K | 4176 | 36 | 19 | 59 | 127 | 175 | 67 | 55 | 53 | 50 | 85 | 117 | 79 | 927 |
| 3LA | 7305 | 30 | 20 | 61 | 99 | 111 | 49 | 39 | 32 | 41 | 54 | 96 | 79 | 716 |
| 3 LB | 771 | 13 | 14 | 46 | 162 | 282 | 143 | 105 | 69 | 61 | 75 | 87 | 42 | 1104 |
| 3MA | 6120 | 38 | 23 | 77 | 88 | 58 | 16 | 14 | 20 | 28 | 42 | 102 | 80 | 591 |
| 3 MB | 1700 | 32 | 17 | 54 | 122 | 158 | 74 | 60 | 53 | 55 | 94 | 92 | 78 | 890 |
| 3MC | 1044 | 37. | 18 | 65 | 125 | 151 | 67 | 54 | 53 | 53 | 93 | 108 | 85 | 915 |
| 3MDI | 1276 | 24 | 17 | 40 | 163 | 267 | 117 | 91 | 72 | 72 | 101 | 103 | 66 | 1138 |
| 3MD2 | 173 | 29 | 15 | 55 | 173 | 240 | 109 | 82 | 74 | 68 | 122 | 101 | 72 | 1144 |
| 3 N | 3175 | 76 | 39 - | 83 | 126 | 34 | 3 | 6 | 4 | 6 | 33 | 128 | 120 | 664 |


| sub-buin Cole | Catchnicat <br> Atea (km2) | 3n | Fcb | Mar | $A p r$ | Monthly Mean Rainfall (mm) |  |  |  |  | Oct | Nov | Dec | Annua) Mesn (mm) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | May | Iun | ]ul | Aug | Sep |  |  |  |  |
| 4AA | 519 | 68 | 71 | 119 | 371 | 250 | 58 | 46 | 51 | 39 | 150 | 235 | 131 | 1494 |
| 4AB | 684 | 54 | 53 | 81 | 179 | 155 | 40 | 45 | 42 | 40 | 107 | 137 | 79 | 1017 |
| 4 AC | 429 | 56 | 57 | 89 | 196 | 177 | 54 | 50 | 54 | 53 | 115 | 154 | 88 | 1148 |
| 4 AD | 441 | 51 | 52 | 79 | 170 | 152 | 56 | 54 | 59 | 61 | 103 | 124 | 72 | 1037 |
| 4 BA | 317 | 41 | 50 | 96 | 303 | 225 | 43 | 28 | 30 | 26 | 147 | 205 | 83 | 1282 |
| 4 BB | 259 | 59 | 66 | 117 | 308 | 260 | 56 | 39 | 45 | 34 | 158 | 243 | 120 | 1508 |
| 4 BC | 227 | 49 | 58 | 307 | 311 | 246 | 50 | 32 | 37. | 30 | 155 | 227 | 101 | 1409 |
| 4 BD | 547 | 39 | 47 | 85 | 262 | 195 | 50 | 36 | 41 | 42 | 131 | 169 | 68 | 1169 |
| 4BE | 554 | 37 | 46 | 87 | 274 | 202 | 54 | 36 | 44 | 46 | 134 | 173 | 67 | 1205 |
| 4 BF | 374 | 36 | 35 | 109 | 273 | 146 | 24 | 11 | 11 | 14 | 117 | 206 | 67 | 1053 |
| 4BG | 443 | 37 | 34 | 110 | 270 | 141 | 23 | 10 | 11 | 13 | 115 | 206 | 67 | 1052 |
| 4 CA | 537 | 46 | 48 | 92 | 212 | 164 | 67 | 51 | 63 | 68 | 93 | 145 | 75 | 1129 |
| 4 CB | 313 | 42 | 41 | 103 | 248 | 158 | 45 | 30 | 36 | 40 | 107 | 181 | 72 | 1109 |
| 4 CC | 1019 | 40 | 35 | 111 | 264 | 133 | 22 | 10 | 10 | 13 | 108 | 206 | 72 | 1028 |
| 4DA | 715 | 41 | 45 | 105 | 298 | 215 | 43 | 33 | 38 | 32 | 159 | 227 | 85 | 1326 |
| 4DB | 453 | 42 | 44 | 109 | 291 | 211 | 44 | 36 | 42 | 34 | 163 | 234 | 88 | 1343 |
| 4 DC | 354 | 24 | 25 | 96 | 285 | 169 | 31 | 30 | 34 | 30 | 162 | 216 | 52 | 1161 |
| 4DD | 452 | 24 | 25 | 96 | 285 | 169 | 31 | 30 | 34 | 30 | 162 | 216 | 52 | 1161. |
| 4DE | 735 | 36 | 33 | 109 | 263 | 120 | 20 | 12 | 13 | 15 | 112 | 231 | 77 | 1046 |
| 4EA | 743 | 41 | 32 | 90 | 165 | 62 | 20 | 12 | 17 | 11 | 114 | 198 | $90^{\circ}$ | 857 |
| 4EB | 1193 | 33 | 30 | 95 | 235 | 127 | 27 | 23 | 27 | 23 | 141 | 210 | 71 | 1047 |
| 4EC | 605 | 33 | 28 | 95 | 256 | 147 | 28 | 24 | 29 | 25 | 141 | 216 | 65 | 1093 |
| 4 ED | 3160 | 43 | 26 | 97 | 205 | 55 | 9 | 4 | 8 | 8 | 85 | 251 | 88 | 881 |
| 4FA | 2181 | 42 | 33 | 90 | 154 | 53 | 19 | 11 | 16 | 30 | 109 | 194 | 92 | 828 |
| 4 FB | 3950 | 40 | 22 | 74 | 138 | 34 | 7 | 1 | 5 | 4 | 65 | 180 | 74 | 650 |
| 4GA | 3909 | 18 | 15 | 45 | 99 | 19 | 2 | 0 | 1 | 2 | 39 | 125 | 55 | 426 |
| 4GB | 5503 | 14 | 10 | 55 | 95 | 12 | 1 | 1 | 1 | 3 | 37 | 105 | 53 | 393 |
| 4 GC | 1823 | 11 | 6 | 52 | 82 | 14 | 4 | 2 | 5 | 7 | 32 | 88 | 51 | 359 |
| 4 GD | 7399 | 20 | 11 | 60 | 104 | 25 | 8 | 4 | 8 | 9 | 42 | 123 | 61 | 480 |
| 4 GE | 11732 | 29 | 23 | 78 | 156 | 46 | 17 | 9 | 14 | 17 | 59 | 199 | 83 | 736 |
| 4GF | 15518 | 27 | 22 | 71 | 146 | 55 | 24 | 14 | 17 | 22 | 54 | 181 | 79 | 717 |
| 4GG | 7120 | 21 | 11 | 37 | 116 | 151 | 78 | 60 | 40 | 48 | 45 | 100 | 61 | 772 |
| 4 HA | 5480 | 38 | 31 | 92 | 178 | 36 | 4 | 1 | 4 | 7 | 52 | 246 | 124 | 818 |
| 4 HB | 9066 | 31 | 20 | 57 | 119 | 78 | 35 | 24 | 19 | 26 | 33 | 143 | 97 | 686 |
| 4 HC | 6.623 | 32 | 20 | 65 | 105 | 70 | 30 | 25 | 21 | 26 | 36 | 135 | 109 | 679 |
| 4JA | 8489 | 12 | 6 | 51 | 81 | 17 | 6 | 4 | 7 | . 8 | 32 | 87 | 52 | 367 |
| 4 BB | 3691 | 9 | 6 | 39 | 123 | 269 | 143 | 71 | 42 | 48 | 42 | 54 | 48 | 903 |
| 4KA | 8251 | 14 | 9 | 42 | 94 | 127 | 69 | 38 | 27 | 31 | 37 | 74 | 53 | 618 |
| 4KB | 10218 | 15 | 9 | 41 | 100 | 154 | 83 | 47 | 32 | 37 | 38 | 72 | 53 | 685 |


| Sub-basin Code | Catchmen <br> Area ( km 2) | Jan | Fabomenly Mean Rainfall (rmm) |  |  |  |  |  |  |  |  |  |  | Annual Mean (mm) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Feb | Nar | Apr | May | Jun | Jul | Aug | Sep | Oct | Noy | Dec |  |
| SAA | 1247 | 28 | 32 | 59 | 112 | 76 | 49 | 71 | 80 |  |  |  |  |  |
| 5 AB | 482 | 29 | 34 | 63 | 112 | 59 | 42 | 67 | 71 | 45 | 56 | 85 | 40 | 745 |
| SAC | 1085 | 18 | 20 | 46 | 101 | 71 | 38 | 60 | 66 | 48 | 55 | 96 | 42 | 721 |
| 5AD | 517 | 22 | 25 | 53 | 103 | 61 | 37 | 62 | 67 | 38 | 43 | 71 | 30 | 596 |
| 5BA | 269 | 45 | 44 | 73 | 159 | 129 | 34 | 40 | 41 | 36 | 96 | 83 | 35 | 634 |
| $58 B$ | 452 | 45 | 47 | 74 | 157 | 129 | 45 | S0 | 53 | 48 | 94 | 124 | 68 | 899 |
| SBC | 1636 | 27 | 31 | 65 | 132 | 87 | 42 | 47 | 62 | 47 | 82 | 111 | 66 | 935 |
| 5BD | 674 | 28 | 32 | 62 | 109 | 55 | 40 | 67 | 70 | 41 | 52 | 9118 | S1 | 789 |
| SBE | 1238 | 29 | 33 | 74 | 143 | 89 | 37 | 34 | 50 | 39 | 104 | 136 | 68 | 896 |
| SCA | 2342 | 15 | 19 | 39. | 86 | 69 | 45 | 68 | 78 | 29 | 40 | 60 | 24 | 577 |
| SCB | 2259 | 17 | 23 | 42 | 84 | 61 | 50 | 73 | 83 | 33 | 44 | 61 | 22 | 598 |
| SCC | 3005 | 23 | 28 | 52 | 96 | 58 | 37 | S1 | 55 | 25 | 48 | 70 | 26 | 576 |
| SDA | 2237 | 40 | 38 | 90 | 142 | 47 | 19 | 10 | 15 | 13 | 106 | 171 | 91 | 793 |
| 5DB | 1286 | 29 | 30 | 71 | 126 | 63 | 28 | 26 | 38 | 27 | 85 | 131 | 63 | 721 |
| SDC | 1268 | 14 | 15 | 40 | 96 | 78 | 35 | 53 | 63 | 24 | 41 | 68 | 28 | 557 |
| 5DD | 1883 | 22 | 23 | 52 | 99 | 59 | 36 | 49 | 58 | 24 | 51 | 90 | 40 | 610 |
| SEA | 25393 | 9 | 7 | 41 | 101 | 44 | 3 | 3 | 3 | 5 | 44 | 71 | 24 | 362 |
| SEB | 27092 | 10 | 9 | 39 | 114 | 53 | 5 | 4 | 4 | 6 | 55 | 66 | 25 | 394 |
| SEC | 29264 | 21 | 15 | 47 | 143 | 45 | 4 | 5 | 6 | 5 | 60 | 94 | 32 | 482 |
| SED | 17936 | 15 | 15 | 42 | 93 | 18 | 3 | 1 | 2 | 4 | 37 | 106 | 48 | 390 |
| 5FA | 18485 | 9 | 7 | 40 | 88 | 12 | 2 | 1 | 2 | 4 | 28 | 80 | 44 | 322 |
| 5 FB | 8171 | 8 | 7 | 29 | 93 | 14 | 2 | 1 | 2 | 4 | 23 | 68 | 36 | 291 |
| 5 GA | 22579 | 7 | 5 | 42 | 113 | 51 | 4 | 5 | 5 | 8 | 56 | 63 | 21 | 385 |
| 508 | 3379 | 1 | 5 | 21 | 92 | 38 | 0 | 1 | 0 | 2 | 43 | 50 | 6 | 263 |
| SH | 6784 | 2 | 4 | 28 | 95 | 37 | 1 | 2 | 1 | 3 | 44 | 53 | 10 | 286 |
| $5 J$ | 29263 | 29 | 16 | 41 | 98 | 38 | 6 | 10 | 7 | 4 | 38 | 63 | 24 | 370 |

### 2.3 Basin Mean Rainfall by District

District
District Monthly Mean Rainfall (mm) Annual Code Name Area (km2) Jan Feb Mar Apr May Jun Jul Aug Sep Oat Nov Dec Mean (mm)

| 110 | Nairobi | 719 | 51 | 47 | 92 | 235 | 154 | 35 | 16 | 22 | 26 | 61 | 151 | 93 | 988 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 210 | Kiambu | 2549 | 48 | 45 | 100 | 244 | 160 | 40 | 26 | 28 | 31 | 74 | 164 | 88 | 1055 |
| 220 | Kirinyaga | 1510 | 43 | 48 | 106 | 296 | 219 | 45 | 34 | 40 | 33 | 158 | 227 | 89 | 1345 |
| 230 | Muranga | 2555 | 39 | 42 | 98 | 264 | 170 | 40 | 26 | 30 | 32 | 120 | 186 | 70 | 1121 |
| 240 | Nyandarua | 3295 | 36 | 40 | 68 | 138 | 111 | 62. | 62 | 77 | 66 | 72 | 96 | 52 | 886 |
| 250 | Nyeri | 3324 | 50 | 52 | 87 | 198 | 168 | 48 | 46 | 50 | 45 | 114 | 157 | 84 | 1105 |
| 310 | Kilif | 12546 | 24 | 16 | 50 | 117 | 161 | 80 | 62 | 47 | 51 | 61 | 97 | 72 | 842 |
| 320 | Kwale | 8193 | 36 | 19 | 62 | 120 | 149 | 60 | 49 | 47 | 48 | 80 | 108 | 79 | 862 |
| 330 | Lamu | 6267 | 16 | 9 | 40 | 105 | 156 | 83 | 51 | 34 | 40 | 40 | 79 | 55 | 711 |
| 340 | Mombasa | 85 | 24. | 17 | 40 | 163 | 267 | 117 | 91 | 72 | 72 | 101 | 103 | 66 | 1138 |
| 350 | Taita Tabcta | 17324 | 34 | 23 | 75 | 98 | 66 | 21 | 17 | 17 | 24 | 37 | 111 | 87 | 614 |
| 360 | Tana River | 39311 | 25 | 17 | 62 | 122 | 58 | 25 | 17 | 16 | 20 | 45 | 146 | 77 | 637 |
| 410 | Embu | 2789 | 33 | 28 | 98 | 249 | 125 | 23 | 19 | 23 | 20 | 127 | 226 | 70 | 1046 |
| 420 | Isiolo | 25375 | 17 | 15 | 45 | 106 | 28 | 5 | 4 | 5 | 5 | 46 | 104 | 46 | 432 |
| 430 | Kitui | 30580 | 32 | 23 | 75 | 146 | 49 | 17 | 10 | 12 | 16 | 52 | 186 | 92 | 714 |
| 440 | Machakos | 14209 | 49 | 38 | 90 | 176 | 61 | 10 | 4 | 6 | 9 | 51 | 187 | 110 | 796 |
| 450 | Marsabit | 70598 | 17 | 14 | 42 | 109 | 41 | 5 | 8 | 6 | 5 | 45 | 70 | 26 | 394 |
| 460 | Mera | 9533 | 33 | 26 | 74 | 144 | 50 | 14 | 8 | 13 | 10 | 84 | 168 | 73 | 704 |
| 510 | Garissa | 43721 | 12 | 8 | 44 | 94 | 76 | 39 | 21 | 15 | 19 | 34 | 80 | 50 | 497 |
| 520 | Mandera | 26181 | 5 | 5 | 36 | 106 | 45 | 3 | 4 | 3 | 6 | 51 | 58 | 16 | 343 |
| 530 | Wajir | 56744 | 9 | 8 | 39 | 104 | 41 | 3 | 3 | 3 | 5 | 45 | 69 | 27 | 362 |
| 610 | Kisii | 2170 | 78 | 92 | 160 | 230 | 178 | 102 | 80 | 99 | 121 | 128 | 158 | 106 | 1536 |
| 620 | Kisumu | 2068 | 71 | 86 | 146 | 215 | 146 | 83 | 75 | 91 | 84 | 89 | 129 | 83 | 1302 |
| 630 | Siaya | 2418 | 60 | 64 | 130 | 217 | 154 | 72 | 56 | 77 | 83 | 95 | 133 | 70 | 1217 |
| 640 | South Nyanza | 5750 | 75 | 89 | 154 | 226 | 174 | 92 | 69 | 90 | 116 | 126 | 157 | 105 | 480 |
| 710 | Kajiado | 21960 | 51 | 39 | 78 | 135 | 60 | 12 | 7 | 8 | 11 | 33 | 116 | 89 | 644 |
| 720 | Kcricho | 4995 | 73 | 74 | 118 | 202 | 161 | 107 | 116 | 138 | 104 | 98 | 114 | 81 | 393 |
| 730 | Laikipia | 9734 | 24 | 27 | 57 | 115 | 75 | 40 | 55 | 64 | 35 | 62 | 93 | 43 | 696 |
| 740 | Nakuru | 7480 | 42 | 43 | 70 | 144 | 123 | 71 | 80 | 98 | 7 | 68 | 81 | 53 | 72 |
| 750 | Narok | 18025 | 78 | 72 | 105 | 154 | 106 | 58 | 46 | 54 | 58 | 51 | 96 | 89 | 972 |
| 760 | Trans Nzola | 2509 | 30 | 48 | 86 | 169 | 179 | 119 | 139 | 153 | 125 | 101 | 92 | 33 | 1281 |
| 770 | Uasin Gishu | 3723 | 39 | 52 | 85 | 159 | 155 | 111 | 158 | 171 | 96 | 75 | 86 | 38 | 1231 |
| 810 | Baringo | 10784 | 27 | 33 | 62 | 131 | 103 | 64 | 101 | 100 | 51 | 57 | 79 | 35 | 851 |
| 820 | Elgey Marakwet | 2843 | 28 | 39 | 74 | 154 | 139 | 80 | 126 | 120 | 70 | 72 | 95 | 39 | 1039 |
| 830 | Nandi | 2773 | 63 | 77 | 130 | 207 | 179 | 135 | 148 | 174 | 127 | 104 | 116 | 60 | 1524 |
| 840 | Sambura | 21140 | 20 | 21 | 48 | 107 | 54 | 26 | 38 | 40 | 19 | 49 | 80 | 32 | 540 |
| 850 | Turkana | 67549 | 11 | 20 | 47 | 84 | 52 | 23 | 41 | 28 | 20 | 26 | 47 | 20 | 424 |
| 860 | West Pokot | 9157 | 13 | 24 | 52 | 121 | 112 | 63 | 97 | 79 | 66 | 51 | 64 | 23 | 772 |
| 910 | Bungoma | 2981 | 50 | 80 | 143 | 239 | 239 | 133 | 118 | 139 | 139 | 136 | 139 | 61 | 1623 |
| 920 | Busia | 1725 | 57 | 76 | 149 | 251 | 211 | 97 | 82 | 119 | 336 | 144 | 158 | 72 | 558 |
| 930 | Kakamega | 3604 | 66 | 90 | 155 | 255 | 232 | 149 | 143 | 169 | 143 | 136 | 137 | 72 | 1755 |

### 2.4 Basin Mean Rainfall by Location

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Code} \& \multirow[t]{2}{*}{Lecation Name} \& \multirow[t]{2}{*}{$$
\begin{gathered}
\text { sand } \\
\text { Area }(\mathrm{km})
\end{gathered}
$$} \& \multicolumn{12}{|c|}{Jan Tcb Ma Monthly Mean Rainfall (mm)} \& \multirow[t]{2}{*}{Annual Mean (mm)} <br>
\hline \& \& \& Jan \& Hob \& M 3 \& Ap \& May \& Jun \& Jul \& $\mathrm{Aug}^{\text {a }}$ \& Sc \& Oid \& No \& Dec \& <br>
\hline 110.00 \& Nairobi \& 719 \& 51 \& 47 \& 92 \& 235 \& 154 \& \& \& \& \& \& \& \& <br>
\hline 211.10 \& Kiambas \& 26 \& 50 \& 47 \& 93 \& 243 \& 168 \& 38 \& 16 \& 22 \& 26 \& 61 \& 151 \& 93 \& 988 <br>
\hline 21120 \& Kihara \& 9 \& 50 \& 47 \& 93 \& 243 \& 168 \& 38 \& 19 \& 24 \& 28 \& 63 \& 152 \& 92 \& 1020 <br>
\hline 211.30 \& Tinganga \& 107 \& 50 \& 47 \& 106 \& 273 \& 187 \& 43 \& 19 \& 24 \& 28 \& 63 \& 152 \& 92 \& 1020 <br>
\hline 211.40 \& $\because$ Kiambemunicipatily \& 36 \& 50 \& $4)$ \& 95 \& 247 \& 168 \& 38 \& 20 \& 24 \& 28 \& 76 \& 180 \& 8 \& 1151 <br>
\hline 21210 \& Ngonda \& 50 \& 47 \& 44 \& 110 \& 278 \& 184 \& 43 \& 30 \& 29 \& 28 \& 65 \& 155 \& 93 \& 1036 <br>
\hline 212.20 \& Mangu \& 28 \& 45 \& 43 \& 105 \& 259 \& 171 \& 44 \& 31 \& 33 \& 32 \& 88 \& 192 \& 92 \& 1175
1126 <br>
\hline 21230 \& Kiganjo \& 67 \& 47 \& 45 \& 111 \& 280 \& 186 \& 43 \& 30 \& 29 \& 32 \& 87 \& 193 \& 83 \& 1126
1183 <br>
\hline 212.40 \& Chania \& 81 \& 48 \& 47 \& 94 \& 218 \& 165 \& 64 \& 48 \& 59 \& 64 \& 93 \& 150 \& 76 \& 1183 <br>
\hline 21250 \& Nuarugu \& 101 \& 45 \& 43 \& 106 \& 263 \& 173 \& 44 \& 31 \& 32 \& 35 \& 93 \& 150
183 \& 76 \& 1129
1136 <br>
\hline 213.10 \& $\because$ Limuru \& 41 \& 49 \& 46 \& 89 \& 215 \& 143 \& 32 \& 17 \& 21 \& 24 \& 54 \& 131 \& 85 \& 1136
913 <br>
\hline 21320 \& Tigoni \& 106 \& S0 \& 47 \& 96 \& 249 \& 170 \& 39 \& 21 \& 25 \& 29 \& 66 \& 158 \& 93 \& $\therefore 1047$ <br>
\hline 213.30 \& Ngecha \& 18 \& 50 \& 47 \& 93 \& 243 \& 165 \& 38 \& 19 \& 24 \& 28 \& 63 \& 152 \& 92 \& $\because 1020$ <br>
\hline 213.40
214.10 \& Nociya
Ruiru \& 137 \& 43 \& 45 \& 81 \& 164 \& 100 \& 22 \& 13 \& 15 \& 18 \& 38 \& 93 \& 71 \& 712 <br>
\hline 214.20 \& Galusiyaga \& 284 \& 50
52 \& 46 \& 104 \& 261 \& 172 \& 40 \& 25 \& 27 \& 30 \& 74 \& 177 \& 95 \& 1106 <br>
\hline 214.30 \& Juja \& 237 \& 47 \& 44 \& 108 \& 267 \& 172 \& 24 \& 13 \& 14 \& 17. \& 85 \& 199 \& 94 \& \% 1028 <br>
\hline 214.40 \& ThikaMunicipality \& 84 \& 47 \& 42 \& 107 \& 252 \& 149 \& 36 \& 24 \& 25 \& 28 \& 91 \& 187 \& 85 \& $\square 1135$

$\square 1079$ <br>
\hline 215.10 \& Githunguri \& 60 \& 49 \& 46 \& 104 \& 261 \& 174 \& 42 \& 29 \& 30 \& 32 \& 76 \& 177 \& 94 \& 1120 <br>
\hline 215.20 \& $\because$ Jkina \& 60 \& 50 \& 46 \& 106 \& 270 \& 183 \& 43 \& 28 \& 28 \& 32 \& 77 \& 181 \& 96 \& 1146 <br>
\hline 215.30 \& Komdinal \& 76 \& 49 \& 45 \& 106 \& 266 \& 177 \& 43 \& 30 \& 30 \& 32 \& 79 \& 181 \& 94 \& 1136 <br>
\hline 216.10 \& Kabeté \& 17 \& 50 \& 47 \& 93 \& 243 \& 166 \& 38 \& 19 \& 24 \& 28 \& 63 \& 152 \& 92 \& 1020 <br>
\hline 21620 \& - Nyabhuna \& 17 \& 50 \& 47 \& 93 \& 243 \& 166 \& 38 \& 19 \& 24 \& 28 \& 63 \& 152 \& 92 \& 1020 <br>
\hline 216.30 \& Kapai \& 94 \& 48 \& 45 \& 81 \& 170 \& 106 \& 23 \& 13 \& 16 \& 19 \& 39 \& 97 \& 73 \& 736 <br>
\hline 216.40 \& Muguga \& 30 \& So \& 47 \& 93 \& 243 \& 166 \& 38 \& 19 \& 24 \& 28 \& 63 \& 152 \& 92 \& 1020 <br>
\hline 21650 \& $\because$ Kindo \& 22 \& 50 \& 47 \& 89 \& 234 \& 160 \& 37 \& 17 \& 23 \& 27 \& 59 \& 143 \& 91 \& 983 <br>
\hline 216.60 \& Kikuyu \& 38 \& 50 \& 47 \& 93 \& 243 \& 166 \& 38 \& 19 \& 24 \& 28 \& 63 \& 152 \& 92 \& 1020 <br>
\hline 217.10 \& Lari- \& 49 \& 49 \& 45 \& 83 \& 197 \& 123 \& 28 \& 18 \& 19 \& 22 \& 49 \& 118 \& 78 \& 834 <br>
\hline 217.20 \& Kijabe \& 445 \& 47 \& 46 \& 99 \& 235 \& 161 \& 46 \& 33 \& 37 \& 40 \& 78 \& 159 \& 84 \& 1071 <br>
\hline 217.30 \& Gatamayu \& 100 \& 49 \& 45 \& 105 \& 263 \& 175 \& 43 \& 29 \& 30 \& 32 \& 77 \& 179 \& 94 \& 1126 <br>
\hline 221.10 \& Tebere \& 93 \& 41 \& 45 \& 106 \& 296 \& 214 \& 43 \& 34 \& 39 \& 32 \& 160 \& 228 \& 85 \& 1329 <br>
\hline 221.20 \& Muninduko \& 204 \& 40 \& 42 \& 107 \& 290 \& 206 \& 42 \& 35 \& 41 \& 34 \& 162 \& 232 \& 83 \& 1320 <br>
\hline 221.30 \& $\therefore$ Nyagati \& 49 \& 41 \& 45 \& 106 \& 296 \& 214 \& 43 \& 34 \& 39 \& 32 \& 160 \& 228 \& 85 \& 1330 <br>
\hline 221.40 \& Mutichi \& 147 \& 42 \& 50 \& 94 \& 293 \& 221 \& 50 \& 34 \& 40 \& 36 \& 148 \& 206 \& 84 \& 1309 <br>
\hline 224.50 \& $\therefore$ Thiba \& 88 \& 40 \& 45 \& 103 \& 295 \& 213 \& 45 \& 33 \& 39 \& 33 \& 156 \& 221 \& 83 \& 1312 <br>
\hline 222.10 \& $\because$ Mutira \& 169 \& 47 \& 53 \& 108 \& 300 \& 231 \& 48 \& 34 \& 40 \& 32 \& 157 \& 229 \& 97 \& 1382 <br>
\hline 222.20 \& $\therefore$ Kiine \& 106 \& 54 \& 62 \& 112 \& 307 \& 252 \& 53 \& 36 \& 41 \& 32 \& 156 \& 234 \& 111 \& 1455 <br>
\hline 222.30 \& - Inoi \& 98 \& 41 \& 46 \& 105 \& 293 \& 216 \& 44 \& 33 \& 38 \& 31 \& 159 \& 227 \& 86 \& 1330 <br>
\hline 222.40 \& Mwerua \& 78 \& 49 \& 57 \& 107 \& 310 \& 244 \& 50 \& 33 \& 38 \& 30 \& 155 \& 228 \& 101 \& 1408 <br>
\hline 223.10 \& - Ngariama \& 185 \& 41 \& 44 \& 108 \& 291 \& 209 \& 43 \& 36 \& 42 \& 34 \& 162 \& 233 \& 86 \& 1333 <br>
\hline 22320 \& K Kabare \& 142 \& 41 \& 45 \& 106 \& 297 \& 214 \& 43 \& 33 \& 39 \& 32 \& 160 \& 228 \& 85 \& - 1328 <br>
\hline 273.30 \& Baragwi \& 151 \& 41 \& 45 \& 106 \& 295 \& 214 \& 43 \& 34 \& 39 \& 32 \& 160 \& 229 \& 86 \& 1331 <br>
\hline 231.10 \& : Karaara \& 169 \& 44 \& 44 \& 98 \& 232 \& 161 \& 55 \& 40 \& 48 \& 53 \& 101 \& 165 \& 73 \& 1119 <br>
\hline 231.20 \& $\therefore$ Ruchu \& 61 \& 41 \& 39 \& : 106 \& 255 \& 148 \& 36 \& 22 \& 26 \& 29 \& 108 \& 191 \& 72 \& 1078 <br>
\hline 231.30 \& \& Gaichanjiru \& 67 \& 37 \& 35 \& 110 \& 270 \& 141 \& 23 \& 11 \& 11 \& 13 \& 114 \& 206 \& 69 \& 1044 <br>
\hline 231.40 \& Munka \& 84 \& 40 \& 36 \& 110 \& 261 \& 131 \& 26 \& 13 \& 14 \& 17 \& 108 \& 202 \& 72 \& 1042 <br>
\hline 231.50 \& Gatanga \& 101 \& 43 \& 43 \& 100 \& 290 \& 159 \& 50 \& 35 \& 42 \& 47 \& 104 \& 173 \& 73 \& 1113 <br>
\hline 232.10 \& $\because$ Kinyoria \& 170 \& 39 \& 41 \& 94 \& 263 \& 183 \& 50 \& 33 \& 40 \& 43 \& 123 \& 177 \& 69 \& 1163 <br>
\hline 232.20 \& $\because$ Kigamo \& 51 \& 36 \& 42 \& 96 \& 273 \& 178 \& 42 \& 26 \& 3) \& 33 \& 127 \& 186 \& 67 \& 1142 <br>
\hline 232.30 \& Ngioda \& 71 \& 36 \& 43 \& 93 \& 274 \& 186 \& 46 \& 29 \& 35 \& 37 \& 129 \& 182 \& 67 \& 1162 <br>
\hline 232.40 \& Mutsthi \& 83 \& 36 \& 35 \& 108 \& 273 \& 147 \& 25 \& 12 \& 12 \& 14 \& 117 \& 205 \& 67 \& 1056 <br>
\hline 232.50 \& Samar \& 26 \& 36 \& 39 \& 100 \& 273. \& 167 \& 36 \& 21 \& 24 \& 26 \& 123 \& 193 \& 67 \& 1111 <br>
\hline 23260 \& Kamanuha \& 46 \& 36 \& 35 \& 109 \& 273 \& 146 \& 24 \& 11 \& 11 \& 14 \& 117 \& 206 \& 67 \& 1053 <br>
\hline 232.70 \& MaraguaRidg \& 38 \& - 36 \& 40 \& 93 \& 273 \& 172 \& 38 \& 23 \& 27 \& 29 \& 125 \& 190 \& 67 \& 1125 <br>
\hline 23310 \& Kins \& 86 \& 40 \& 49 \& 90 \& 280 \& 209 \& 47 \& 32 \& 36 \& 34 \& 138 \& 185 \& 75 \& 1221 <br>
\hline 23320 \& Kinti \& 153 \& - 39 \& 47 \& 85 \& 259 \& 193 \& 50 \& 36 \& 42 \& 42 \& 130 \& 167 \& 68 \& 1165 <br>
\hline 23330 \& Gitugi \& 48 \& 39 \& 47 \& 85 \& 262 \& 195 \& 50 \& 36 \& 41 \& 42 \& 131 \& 169 \& 68 \& 1169 <br>
\hline 233,40 \& lyego. \& 71 \& 39 \& 47 \& 85 \& 262 \& 195 \& 50 \& 36 \& 41 \& 42 \& 131 \& 169 \& 68 \& 1169 <br>
\hline 233.50 \& S Kanyenyaini \& 158 \& 38 \& 47 \& 86 \& 266 \& 198 \& 52 \& 36 \& 42 \& 44 \& 132 \& 170 \& 63 \& 1183 <br>
\hline 234.10 \& Mugoiń \& 119 \& 31 \& 46 \& 37 \& 274 \& 202 \& 54 \& 36 \& 44 \& 46 \& 134 \& 173 \& 67 \& 1205 <br>
\hline 23420 \& Weithaga \& 49 \& 33 \& 47 \& 86 \& 266 \& 198 \& 51 \& 36 \& 42 \& 43 \& 132 \& 170 \& 68 \& 1182 <br>
\hline 234.30 \& Mbiri \& 44 \& 38 \& 47 \& 86 \& 267 \& 198 \& 52 \& 36 \& 42 \& 44 \& 132 \& 171 \& 68 \& 1185 <br>
\hline 234.40 \& Gauni \& 103 \& - 40 \& 49 \& 92 \& 287 \& 213 \& 46 \& 31 \& 34 \& 32 \& 14) \& 191 \& 77 \& 1238 <br>
\hline 23450 \& Gikindu \& 78 \& 40 \& 49 \& 90 \& 276 \& 207 \& 51 \& 35 \& 41 \& 41 \& 136 \& 181 \& . 74 \& 1226 <br>
\hline 234.60 \& Murang aOtiotn \& 3 \& 39 \& 47 \& 85 \& 262 \& 195 \& S0 \& 36 \& 41 \& 42 \& 131 \& 169 \& 68 \& 1169 <br>
\hline 235.10 \& Makuyu \& 151 \& 37 \& 35 \& 109 \& 271 \& 143 \& 24 \& 11 \& 11 \& 13 \& 115 \& 206 \& 67 \& 1048 <br>
\hline 23520 \& Milubir \& 225 \& 41 \& 38 \& 108 \& 255 \& 140 \& 30 \& 17 \& 20 \& 23 \& 106 \& 196 \& 72 \& 1050 <br>
\hline
\end{tabular}



|  | Location | land Area (km2) | Monthy Mcan Rainfall (nom) |  |  |  |  |  |  |  |  |  |  |  | Annual <br> Mean (mm) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | Name |  | Jan | Fb | Mar | Apr | May | Jun | Ju1 | Aug | Scp | Oct | Nov | Dec |  |
| 313.30 | Takaungu/Mavueni | 106 | 24 | 17 | 42 | 157 | 252 | 111 | 86 | 69 | 69 | 97 | 102 | 67 | 1098 |
| 313.40 | Junju | 84 | 24 | 17 | 40 | 163 | 267 | 117 | 91 | 72 | 72 | $10)$ | 103 | 66 | 1138 |
| 313.50 | Miwara | 73 | 24 | 17 | 40 | 163 | 267 | 117 | 91 | 72 | 72 | 101 | 103 | 66 | 1138 |
| 314.10 | Chakama | 1450 | 30 | 20 | 63 | 96 | 102 | 46 | 36 | 30 | 39 | 51 | 97 | 83 | 700 |
| 314.20 | Jilore | 109 | 17 | 13 | 50 | 140 | 238 | 128 | 93 | 65 | 64 | 70 | 85 | 63 | 1030 |
| 314.30 | Gede | 142 | 13 | 14 | 46 | 162 | 282 | 143 | 105 | 69 | 61 | 75 | 87 | 42 | 1104 |
| 314.40 | Malinditomn | 87 | 13 | 13 | 46 | 160 | 271 | 142 | 104 | 69 | 61 | 74 | 86 | 44 | 1096 |
| 314.50 | Ganda | 513 | 19 | 14 | 52 | 132 | 216 | 115 | 85 | 61 | 61 | 67 | 86 | 68 | 981 |
| 314.60 | Magarini | 211 | 20 | 13 | 49 | 121 | 194 | 107 | 82 | 60 | 63 | 65 | 83 | 76 | 943 |
| 314.70 | Dagamra | 71 | 21 | 13 | 52 | 121 | 199) | 110 | 83 | 62 | 66 | 66 | 84 | 78 | 961 |
| 314.80 | Garacki | 79 | 30 | 18 | 66 | 95 | 101 | 50 | 38 | 32 | 41 | 48 | 97 | 90 | 710 |
| 314.90 | Baricho | 697 | 20 | 13 | 44 | 114 | 165 | 91 | 73 | 54 | 56 | 61 | 97 | 73 | 866 |
| 314.00 A | Maraja | 231 | 19 | 12 | 43 | 115 | 168 | 92 | 74 | 55 | 56 | 62 | 97 | 72 | 870 |
| 314.00 B | Fundisha | 414 | 16 | 12 | 41 | 132 | 197 | 105 | 83 | 57 | 52 | 63 | 100 | 61 | 925 |
| 314.00 C | Adu | 3857 | 21 | 12 | 42 | 114 | 154 | 82 | 69 | 46 | 51 | 53 | 100 | 69 | 813 |
| 321.10 | ShimbaVorth | 126 | 36 | 18 | 61 | 128 | 170 | 69 | 56 | 54 | 52 | 89 | 113 | 81 | 933 |
| 321.20 | Was | 47 | 30 | 16 | 56 | 165 | 229 | 102 | 77 | 70 | 65 | 115 | 104 | 73 | 1107 |
| 321.30 | Tiui | 30 | 36 | 19 | 54 | 127 | 175 | 67 | 55 | 53 | 50 | 85 | 117 | 79 | 927 |
| 321.40 | Ngombeni | 164 | 30 | 16 | 57 | 162 | 222 | 100 | 76 | 69 | 64 | 115 | 103 | 74 | 1094 |
| 322.10 | Mkongani | 181 | 36 | 19 | 60 | 126 | 174 | 67 | SS | 53 | 50 | 85 | 117 | 80 | 926 |
| 32220 | Mualuphamba | 147 | 37 | IS | 65 | 125 | 151 | 67 | 51 | 53 | 53 | 93 | 108 | 85 | 915 |
| 322.30 | Lukore | 96 | 36 | 19 | 59 | 127 | 175 | 67 | 55 | 53 | 50 | 85 | 117 | 79 | 927 |
| 322.40 | Majimboni | 100 | 36 | 19 | 59. | 127 | 175 | 67 | 55 | 53 | 50 | 85 | 117 | 79 | 921 |
| 322.50 | ShimbalfilisNat.Reserve | 212 | 36 | 19 | 61 | 126 | 167 | 67 | 55 | 53 | $5)$ | 87 | 114 | 81 | 923 |
| 32310 | KinangoSouth | 148 | 36 | 18 | 65 | 125 | 151 | 68 | 55 | 53 | 53 | 93 | 107 | 81 | 913 |
| 323.20 | KinangoNorth | 153 | 32 | 17 | 55 | 122 | 157 | 73 | 59 | 53 | 55 | 94 | 94 | 75 | 893 |
| 323.30 | KitiboleWest | 136 | 33 | 19 | 59 | 114 | 134 | 60 | 49 | 45 | 49 | 82 | 94 | 75 | 819 |
| 323.40 | Kitibole Fast | 129 | 29 | 17 | 48 | 137 | 1993 | 90 | 72 | 60 | 61 | 97 | 96 | 71 | 984 |
| 323.50 | Puma | 1291 | 37 | 20 | 68 | 113 | 125 | 50 | 41 | 42 | 45 | 74 | 108 | 82 | 810 |
| 323.60 | NonhSamburs | 750 | 33 | 19 | 58 | 114 | 136 | 61 | 50 | 45 | 49 | 82 | 94 | 75 | 823 |
| 323.70 | SouthSamburu | 1072 | 37 | 22 | 73 | 93 | 74 | 25 | 21 | 25 | 32 | 50 | 101 | 79 | 637 |
| 323.80 | Ndavaya | \$68 | 36 | 19 | 59 | 126 | 174 | 67 | 55 | 53 | 50 | 85 | 117 | 79 | 927 |
| . 323.90 | Mwarambo | 266 | 32 | 18 | 54 | 121 | 155 | 72 | 59 | 52 | 54 | 93 | 92 | 74 | 882 |
| 324.10 | Msambucni | 131 | 36 | 19 | 59 | 127 | 175 | 67 | 55 | 53 | 50 | 85 | 117 | 79 | 927 |
| 324.20 | Shiraziflunzi | 45 | 36 | 19 | 59 | 127 | 175 | 67 | 55 | 53 | 50 | 85 | 117 | 79 | 927 |
| 324.30 | Pongue/Kidimu | 153 | 36 | 19 | 59 | 127 | 175 | 67 | 55 | 53 | 50 | 85 | 117 | 79 | 927 |
| 324.40 | Vanga | 25 | 36 | 19 | 59 | 127 | 175 | 67 | 55 | 53 | 50 | 85 | 117 | 79 | 927 |
| 324.50 | Lungalunga | 211 | 36 | 19 | 59 | 127 | 175 | 67 | 5S | 53 | 50 | 85 | 117 | 79 | 927 |
| 324.60 | Murreni | 1157 | 36 | 19 | 59 | 127 | 175 | 67 | 55 | 53 | 50 | 85 | 117 | 79 | 927 |
| 324.70 | Kikoneni | 346 | 36 | 19 | 59 | 127 | 175 | 67 | 55 | 53 | 50 | 85 | 117 | 79 | 927 |
| 324.80 | Diani | 205 | 36 | 19 | 59 | 127 | 175 | 67 | 55 | 53 | 50 | 85 | 117 | 79 | 927 |
| 331.00 | Witu | 1251 | 21 | 11 | 37 | 116 | 151 | 78 | 60 | 40 | 48 | 45 | 100 | 61 | 772 |
| 332.10 | Mkunumbi | 870 | 16 | 10 | 40 | 104 | 153 | 82 | 50 | 34 | 40 | 40 | 79 | 55 | 707 |
| 332.20 | Mpeketonillaharini | 561 | 16 | 10 | 40 | 104 | 153 | 82 | 50 | 34 | 40 | 40 | 79 | 55 | 707 |
| 333.10 | Mokowe | 1136 | 15 | 9 | 41 | 100 | 154 | 83 | 47 | 32 | 37 | 38 | 72 | 53 | 685 |
| 333.20 | lamutown | 5 | 6 | 4 | 25 | 130 | 329 | 164 | 75 | 40 | 39 | 40 | 39 | 28 | 919 |
| 333.30 | Lamulsland | 45 | 6 | 4 | 25 | 130 | 329 | 164 | 75 | 40 | 39 | 40 | 39 | 28 | 919 |
| 333.40 | Mandashelassland | 65 | 6 | 4 | 25 | 130 | 329 | 164 | 75 | 40 | 39 | 40 | 39 | 28 | 919 |
| 334.10 | Kiunga | 1328 | 12 | \$ | 41 | 104 | 174 | 93 | 51 | 32 | 36 | 38 | 67 | 51 | 712 |
| 334.20 | Milimani | 831 | 14 | 9 | 41 | 97 | 143 | 77 | 43 | 30 | 35 | 37 | 73 | 53 | 658 |
| 335.10 | Ndau/Kuwauyulsland | 14 | 6 | 4 | 25 | 130 | 329 | 164 | 75 | 40 | 39 | 40 | 39 | 28 | 919 |
| 335.20 | Fazaffchudwa/Kizingitini | 44 | 6 | 4 | 25 | 130 | 329 | 16.4 | 75 | 40 | 39 | 40 | 39 | 28 | 919 |
| 335.30 | Siu | 117 | 6 | 4 | 25 | 130 | 329 | 164 | 75 | 40 | 39 | 40 | 39 | 28 | 919 |
| 340.00 | Mombasa | 85 | 24 | 17 | 40 | 163 | 267 | 117 | 91 | 72 | 72 | 101 | 103 | 66 | 1138 |
| 351.10 | Tavela | 692 | 33 | 24 | 86 | 101 | 62 | 13 | 10 | 9 | 13 | 25 | 96 | 67 | 544 |
| 351.20 | Kinorigho | 2796 | 34 | 24 | 83 | 97 | 61 | 14 | 11 | 12 | 17 | 30 | 97 | 70 | 557 |
| 351.30 | Chata | 3675 | 36 | 26 | 77 | 110 | 39 | 6 | 4 | 5 | 9 | 24 | 143 | 108 | 594 |
| 352.10 | Mbololo | 3257 | 32 | 20 | 70 | 92 | 81 | 34 | 27 | 24 | 33 | 44 | 103 | 90 | 657 |
| 35220 | Sagala | 2097 | 31 | 20 | 63 | 97 | 102 | 44 | 35 | 30 | 39 | 52 | 97 | 39 | 696 |
| 352.30 | Kisigau | 2691 | 37 | 22 | 76 | 91 | 67 | 20 | 17 | 22 | 30 | 45 | 103 | 80 | 614 |
| 352.40 | Voi | 117 | 39 | 29 | 61 | 99 | 111 | 49 | 39 | 32 | 41 | 54 | 96 | 79 | 716 |
| 353.10 | Mrate | 105 | . 30 | 20 | 62 | 98 | 108 | 48 | 38 | 31 | 40 | 53 | 97 | 80 | 709 |
| 35320 | Werugha | 544 | 35 | 25 | 78 | 103 | 44 | 10 | 7 | 8 | 14 | 28 | 132 | 104 | 592 |
| 353.30 | Mwanda | 481 | 36 | 24 | 76 | 99 | 54 | 15 | 12 | 14 | 21 | 35 | 119 | 92 | 602 |
| 354.10 | Chawia | 724 | 31 | 22 | 75 | 89 | 64 | 20 | 17 | 21 | 30 | 43 | 101 | 80 | 606 |
| 354.20 | Bura | 745 | 37 | 23 | 78 | 89 | 59 | 15 | 14 | 18 | 26 | 40 | 101 | 78 | 585 |
| 361.10 | Mealambala | 2312 | 15 | 12 | 52 | 96 | 14 | 1 | 0 | 1 | 3 | 38 | 111 | 53 | 403 |


| Code | lecation Name | $\underset{\text { Ara }(\mathrm{lm} 2)}{\text { Lma }}$ |  | Montuy Mtean Kainfall (mm) |  |  |  |  |  |  |  |  |  |  |  |  |  | Ancual Mean (mm |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | an | Tib | Mir | $\checkmark$ Ap | Ma) |  |  | Sul | A |  |  |  |  |  |  |
| 381.20 | Saka | 3595 |  | 14 | 9 | 55 | 93 | 16 |  | 4 | 2 |  | 4 | 6 | 36 | 103 | 54 | 400 |
| 351.30 | Nablogo | 2699 |  |  | 12 | 61 | 109 | 21 |  | 9 | 5 | 8 |  | 10 | 43 | 130 | 63 | 400 504 542 |
| 352.10 | Nanighi | 3390 |  | 2 | 14 | $G$ | 111 | 30 |  | 0 | 5 |  |  |  |  |  | 66 | 542 |
| 352.20 | Chewele | 1692 |  |  | 21 | 74 | 147 | 45 |  | 7 | 9 | 13 |  |  |  |  | 79 | $6 \%$ |
| 362.30 | Bura | 228 |  |  | 22 | 71 | 152 | 4 |  | 6 | 9 | 13 |  |  |  |  | 81 | 71 |
| 363.10 | Waju | 10129 |  |  | 22 | 72 | 147 | 54 |  | 3 | 14 | 17 |  |  |  |  | 81 | $72)$ |
| 363.20 | Suajuta | 310 | 2 |  | 23 | 37 | 1ss | 49 |  | 9 | 10 | 16 |  |  |  |  | 82 | 733 |
| 363.30 | Cabali | 261 | 28 |  | 22 | 73 | 149 | 52 |  | 2 | 13 | 16 |  |  |  |  | 80 | 723 |
| 363.40 | Nidura | 178 | 2 |  | 22 | 71 | 146 | 55 |  | 4 | 14 | 17 |  |  |  |  | 79 | 717 |
| 363.50 | Xinakomba | 154 | 2 |  | 22 | 7 | 146 | \$5 |  | 1 | 14 | 17 |  |  |  |  | 79 | 317 |
| 363.60 | Gwano | 211 | 21 |  | 2 | 11 | 146 | 55 | 2 | + | 14 | 17 |  |  |  |  | 79 | 717 |
| 364.10 | Bibusa | 11176 | 30 |  | 19 | 57 | 113 | 86 | 40 |  | 30 | 23 |  |  |  |  | 9 | 699 |
| 365.20 | Notera | 719 | 21 |  | 21 | 70 | 143 | 57 | 2 |  | 15 | 17 |  |  |  |  | 81 | 714 |
| 364.30 | Satama | 619 | 2 |  | 15 | 45 | 122 | 117 | 5 |  | 43 | 31 |  |  |  |  | 2 | 743 |
| 36:40 | MgatChara | 941 | 21 |  | 11 | 37 | 216 | 151 | 7 |  | 60 | 40 |  |  |  |  | 61 | 772 |
| 363.50 |  | 70s | 20 |  | 3 | 37 | 115 | 151 | 79 |  | 59 | 39 | 4 |  |  |  | 60 | 769 |
| 411.10 | charaNgindaNgancori | 94 | 26 |  | 27 | 97 | 256 | 174 | 33 |  | 30 | 35 | 3 | 16 |  |  | 56 | 1180 |
| 411.20 |  | 88 | 25 |  | 25 | 96 | 234 | 163 | 31 |  | 29 | 34 | 3 | 16 | 21 |  | 53 | 1159 |
| 411.30 411.40 | Ngarkeri GaturiNorth | 35 | 30 |  | 27 | 95 | 267 | 155 | 29 |  | 26 | 31 | 2 | 14 | 21 |  | 60 | 1118 |
| 411.50 | Gaunis KyeniNorth | 59 | 30 33 |  | 27 | 95 95 | 286 | 155 | 29 |  | 26 | 31 | 2 | 14 | 21 |  | 61 | 1117 |
| 411.60 | Kyeninoth K yonisouth | 11 | 33 |  | 29 | 95 | 245 | 138 | 28 |  | 24 | 28 | 2 | 14 | 21 |  | 71 68 | 1053 1072 |
| 411.70 | KigazriNorch | 90 | 30 |  | 28 | 95 | 260 | 149 | 29 |  | 25 | 30 | 2 | 14 | 21 |  | 68 63 | 1072 1103 |
| 411.80 | Kigarisouth | tos | 33 |  | 28 | 95 | 256 | 147 | 28 |  | 24 | 29 | 2 | 14 | 21 |  | 65 | 1103 |
| 41210 | NihauaMuminji | 334 | 34 |  | 27 | 96 | 246 | 128 | 24 |  | 21 | 24 | 2 | 129 | 22 |  | 70 | 1033 1049 |
| 412.20 |  | 258 | 37 |  | 27 | 97 | 221 | 85 | 15 |  | 11 | 15 | 2 | 102 | 24 |  | 70 81 | 1049 949 |
| 412.30 412.40 | (ex | 195 | 36 35 |  | 29 | 95 | 218 | 98 | 21 |  | 16 | 20 | 12 | 119 | 22 |  | 78 | 997 973 |
| 413.10 | Evurore <br> MbetiNoth <br> MowiSouth | 183 60 | 35 |  | 27 | 96 | 240 283 | 118 | 22 |  | 18 | 22 | 19 | 123 | 22 |  | 73 | 1026 |
| 413.20 |  | 165 | 24 |  | 25 | ${ }_{6}$ | 235 | 169 169 | 31 |  | 29 30 | 34 | 30 | 161 | 21 |  | 53 | 1156 |
| 413.30 | Mavuria | 218 | 30 |  | 26 | $\%$ | 251 | 129 | 23 |  | 21 | 35 | 22 | 138 | 21 |  | 52 | 1161 |
| 413.40 | Kiambere <br> Manima | 424 | 40 |  | 25 | 97 | 205 | 55 | 9 |  | 4 | 25 | 2 | 135 | 22 |  | 65 | 1062 |
| 413.50 41360 |  | 219 | 30 |  | $9 \quad 10$ | 103 | 274 | 145 | 25 |  | 21 | 24 | 23 | 85 137 | 22 |  | 88 | 1108 |
| 413.60 413.70 | Manima | 314 | 36 |  | 16 | 105 | 278 | 164 | 31 |  | 20 | 23 | 2 | 132 | 210 |  | 69 | 1104 1131 |
| 421.10 | EmbeMoniopaliny Central | 18 1532 | 21 |  | 2 |  | 285 | 169 | 31 |  | 30 | 34 | 30 | 182 | 216 |  | 52 | 116 |
| 421.20 | Oldonyenyito | 1167 | 25 | 25 | 5 | 69 | 118 | 33 60 | 13 32 |  | 5 | 59 | 14 | 32 | 142 |  | 70 | 5\% |
| 422.10 | GarbatulaKinsa | 2227 | 14 | 12 | 2 | 45 | 29 | 60 16 | 32 |  | 1 | 50 | 24 | 63 | 100 |  | 49 | 648 |
| 422.20 |  | 1297 | 19 | 15 | 5 | 48 | 102 | 16 | 3 |  | 1 | 2 | 3 | 35 | 106 |  | 1 | 385 |
| 422.30 | Kulamane Nadogashefildera | 2509 | 14 | 14 | 4 | 41 | 102 93 | 18 | 3 |  | 0 | 2 | 2 | 41 | 128 |  | 56 | 442 |
| 422.40 |  | 2250 | 14 | 14 | 4 | 41 | 93 | 17 | 3 |  | ! | 2 | + | 36 | 103 |  | 4 | 382 |
| 422.50 | Sericio <br> benti | 1742 | 15 | 15 |  | 42 | 93 | 18 | 3 |  | 1 | 2 | 4 | 36 | 102 |  | 47 | 378 |
| 423.10 |  | 1811 | 15 | 15 | 5 | 42 | 93 | 18 | 3 |  | 1 | 2 | 4 | 37 | 106 |  | 8 | 390 |
| 423.20 | BisaniKiliku | 3179 | 15 | 15 | 54 | 42 | 93 | 18 | 3 |  | 1 | 2 | 4 | 37 | 106 |  | 8 | 390 |
| 423.30 | Malragalio Mulango | 7651 | 17 | 14 | 1 | 4 | 127 | 41 | 3 |  | 1 | 2 | 4 | 37 | 106 |  | 48 | 390 |
| 431.10 |  | 305 | 33 | 31 | 19 | 92 | 178 | 36 | I |  | 4 | 5 | 5 | 55 | 91 |  | 4 | 446 |
| 431.20 | Kisasi <br> Matinyani | 267 | 37 | 30 | 9 | 90 | 175 | 36 | 4 |  | 1 | 5 | 7 | 52 | 248 | 12 |  | 818 |
| 431.30 |  | 177 | 38 | 31 |  | 92 | 178 | 38 | 6 |  | 2 | 5 | 9 | 52 | 239 | 119 |  | 807 |
| 431.40 | Changuithya | 261 | 38 | 30 |  | 90 | 176 | 37 | 4 |  | 1 | 4 | 7 | 52 | 246 | 12 |  | 818 |
| 431.50 431.60 | Asiambani | 281 | 23 | 22 |  | 72 | 147 | 54 | 23 |  | 2 | 17 | 8 | 52 | 242 | 12 |  | 811 |
| 431.60 431.70 | Nambani Yota | 207 | 29 | 24 |  | 75 | 132 | 51 | 29 | 14 | 4 | 17 | 21 | 54 | 185 | 82 |  | 723 |
| 431.80 |  | 694 | 42 | 34 |  | 35 | 187 | 42 | \% | 8 | 2 | 4 | 19 | 54 | 194 | 89 |  | 738 |
| 432.10 | Yata Y Misab2 Mutio | 363 | 38 28 | 30 |  |  | 136 | 42 | 5 |  | 2 | 5 | 8 | 59 | 246 | 118 |  | 837 837 |
| 43220 | FndayMui | 2600 | 29 | 23 |  |  | 149 | 51 | 21 | 12 | 2 | 16 | 20 | 56 | 188 | 81 |  | 724 |
| 432.30 |  | 629 | 28 | 22 |  | 3 | 154 |  | 18 | 10 | 0 | 14 | 18 | 58 | 196 | 82 |  | 733 |
| 432.40 43250 | NombeNus | 856 | 23 | 22 |  | 72 | 146 | 5 | ${ }_{21}{ }^{13}$ | 12 | 2 | 16 | 20 | 58 | 193 | 81 |  | 733 |
| 431.50 43310 |  | 863 | 29 | 23 |  | 781 | 158 | 46 | 17 | 14 9 | 4 | 17 | 22 | 55 | 182 | 80 |  | 739 |
| 433.20 | likanga Mutomo | 482 | 37 | 30 |  | d) 1 | 173 | 35 | 7 |  | 3 | 6 | 1 | 59 | 199 | 83 |  | 736 |
| 433.30 | Mutomo <br> Achi | 967 | 4 | 27 |  | 321 | 163 | 45 | 13 |  | 7 | 10 | 14 | ${ }_{52}$ | 236 217 | 118 106 |  | 803 |
| 433.40 | Inveha Kanziku | 410 | 36 | 22 |  | 85 | 158 | 36 | 4 | 1 | 1 | 3 | 1 | 4 | 214 | 119 |  | 714 |
| 433.50 |  | Siss | 30 | 28 | 81 59 | 81 | 161 | 48 3 | 13 | ${ }^{8}$ |  | 18 | 13 | 46 | 216 | 119 |  | 749 780 |
| 433.60 | Yoo | 728 | 21 | 22 | 7 | 1 | 124 | 34 59 | 33 | 21 |  | 18 | 25 | 37 | 150 | 116 |  | 692 |
| 433.70 | Mubla <br> Mutonguns | 3583 | 28 | 21 | \% | 6 | 146 | 59 | 24 | 14 |  | 17 | 22 | 34 | 18. | 79 |  | 692 117 |
| 434.10 |  | 414 | 38 | 24 | 91 | 18 | 83 | 63 43 | 28 | 18 3 |  | 18 | 23 | 47 | 108 | 85 |  | 207 |
| 434.20 | Migwani | 239 | 37 | 25 | 92 |  | 92 | 35 | 12 | 3 |  | 6 | 9 | 61 | 241 | 110 |  | 827 |
|  |  |  |  |  |  |  |  | 3 | 12 |  |  | 10 | 11 | 78 | 236 | 87 |  | 848 |


| Code | Location Name | $\begin{gathered} \text { land } \\ \text { Area }(k m 2) \end{gathered}$ | Monthly Mean Rainfall (mm) |  |  |  |  |  |  |  |  |  |  |  | Anrial Mcan (mm) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Jan | 12b | Mar | Apr | May | Jun | Jul | Aug | Sep | Oat | Nov | Dac |  |
| 434.30 | HigwaniWest | 491 | 40 | 26 | 97 | 205 | 55 | 9 | 4 | 8 | 8 | 85 | 251 | 85 | 881 |
| 434.40 | Mining | 554 | 36 | 25 | 90 | 188 | 52 | 12 | 6 | 10 | 11 | 75 | 232 | 86 | 829 |
| 434.50 | Erasui | 385 | 32 | 24 | 82 | 167 | 48 | 15 | 8 | 13 | 15 | 64 | 210 | 84 | 768 |
| 435.10 | Mivukoni | 1612 | 26 | 17 | 60 | 117 | 26 | 5 | 2 | 4 | 4 | 50 | 147 | 64 | 528 |
| 435.20 | Katse | 682 | 40 | 26 | 90 | 181 | 49 | 9 | 4 | 8 | 7 | 82 | 225 | 85 | 812 |
| 435.30 | Tseikuru | 570 | 40 | 22 | 74 | 138 | 34 | 7 | 1 | 5 | 4 | 65 | 180 | 74 | 650 |
| 435.40 | Tharaka | 409 | 41 | 27 | 81 | 145 | 43 | 13 | 5 | 10 | 7 | 85 | 186 | 82 | 731 |
| 435.50 | Ngomeni | 1327 | 18 | 12 | 59 | 105 | 21 | 6 | 3 | 5 | 7 | 41 | 122 | 59 | 464 |
| 435.60 | Ukasi | 2383 | 28 | 21 | 75 | 148 | 43 | 16 | 8 | 13 | 16 | 56 | 187 | 80 | 696 |
| 436.00 | TsaveNalionalPark | 6307 | 34 | 23 | 70 | 127 | 60 | 23 | 17 | 15 | 20 | 38 | 166 | 111 | 710 |
| 441.10 | Muveli | 117 | 71 | 51 | 114 | 222 | 79 | 13 | 7 | 7 | 10 | 54 | 202 | 126 | 962 |
| 431.20 | Mutituni | 619 | 59 | 47 | 104 | 227 | 103 | 21 | 9 | 11 | 15 | 63 | 181 | 104 | 954 |
| 441.30 | Mumbuni | 196 | 67 | 50 | 110 | 218 | 84 | 15 | 7 | 8 | 11 | 55 | 193 | 119 | 941 |
| 84210 | Iveti | 126 | 71 | 51 | 114 | 222 | 79 | 13 | 7 | 7 | 10 | 54 | 202 | 126 | 962 |
| 442.20 | Mitabóni | 101 | 71 | 51 | 114 | 222 | 79 | 13 | 7 | 7 | 10 | 55 | 202 | 125 | 962 |
| 442.30 | Sellimmentara | 265 | 54 | 45 | 94 | 198 | 96 | 19 | 8 | 10 | 14 | 53 | 157 | 96 | 850 |
| $\$ 43.10$ | Mbiunt | 157 | 61 | 46 | 113 | 235 | 95 | 16 | 8 | 8 | 11 | 71 | 203 | 109 | 982 |
| 443.20 | Muala | 185 | 61 | 46 | 113 | 234 | 92 | 15 | 7 | 8 | 11 | 70 | 207 | 110 | 982 |
| 443.30 | Masii | 155 | 70 | 51 | 114 | 223 | 79 | 13 | 7 | 7 | 10 | 55 | 203 | 125 | 963 |
| 443.40 | Wamunyu | 200 | 55 | 43 | 115 | 232 | 63 | 9 | 5 | 6 | 10 | 67 | 254 | 118 | 981 |
| 443.50 | Mutheteni | 160 | 71 | 51 | 114 | 222 | 79 | 13 | 7 | 7 | 10 | 54 | 202 | 126 | 982 |
| 443.60 | Kibauni | 199 | 52 | 41 | 110 | 223 | 58 | 8 | 4 | 5 | 9 | 66 | 254 | 117 | 951 |
| 443.70 | Kalawa | 394 | 49 | 39 | 101 | 202 | 52 | 7 | 3 | 5 | 8 | 60 | 238 | 114 | 884 |
| 444.10 | culimani | 127 | 71 | 51 | 114 | 222 | 78 | 13 | 7 | 7 | 10 | 54 | 202 | 126 | 960 |
| 4 44.20 | Mboori | 152 | 62 | 47 | 102 | 194 | 70 | 12 | 5 | 5 | 9 | 49 | 178 | 110 | 851 |
| 444.30 | Kiteia | 71 | 71 | 51 | 114 | 222 | 79 | 13 | 7 | 7 | 10 | 54 | 202 | 126 | 962 |
| 444.40 | Kisall | 235 | 60 | 45 | 105 | 206 | 64 | 10 | 5 | 5 | 9 | 55 | 214 | 119 | 902 |
| 445.10 | Kangundo | 133 | 71 | 51 | 114 | 223 | 79 | 13 | 7 | 7 | 10 | 55 | 202 | 125 | 963 |
| 445.20 | Marungulu | 180 | 66 | 48 | 113 | 229 | s9 | 15 | 7 | 8 | 11 | 63 | 201 | 116 | 971 |
| 445.30 | Dunyosabuk | 281 | 61 | 46 | 111 | 234 | 95 | 17 | 8 | 9 | 12 | 70 | 199 | 103 | 978 |
| 446.10 | Kinyayla | 566 | 44 | 36 | 103 | 205 | 48 | 6 | 3 | 5 | 8 | 61 | 254 | 120 | 898 |
| 446.20 | Matus | 231 | 43 | 37 | 110 | 253 | 114 | 19 | 9 | 10 | 13 | 98 | 217 | 85 | 1013 |
| 446.30 | Nodati | 262 | 43 | 37 | 111 | 259 | 126 | 21 | 10. | 10 | 12 | 103 | 208 | 78 | 1022 |
| 446.40 | Ndithini | 312 | 38 | 35 | 110 | 267 | 137 | 23 | 10 | 11 | 13 | 112 | 206 | 69 | 1037 |
| 446.50 | NorthYalla | 1071 | 38 | 30 | 103 | 233 | 87 | 14 | 8 | 10 | 11 | 98 | 240 | 83 | 961 |
| 447.10 | Okia | 152 | 57 | 45 | 95 | 178 | 66 | 12 | 5 | 5 | 9 | 47 | 164 | 101 | 787 |
| 447.20 | Kalama | 171 | 67 | 49 | 109 | 210 | 75 | 13 | 6 | 6 | 10 | 52 | 191 | 119 | 913 |
| 447.30 | Kithembe | 112 | 58 | 44 | 9.4 | 176 | 6.5 | 12 | 5 | 5 | 9 | 46 | 163 | 101 | 781 |
| 447.40 | Kilungu | 133 | 49 | 39 | s0 | 143 | 49 | 9 | 3 | 3 | 7 | 40 | 149 | 95 | 670 |
| 447.50 | Mukai | 94 | 45 | 35 | 73 | 126 | 41 | 7 | 2 | 3 | 6 | 36 | 143 | 93 | 616 |
| 447.60 | Kasikeu | 159 | 45 | 35 | 72 | 124 | 40 | 7 | 2 | 2 | 6 | 36 | 142 | 92 | 608 |
| 447.70 | KonzaSouth | 349 | 45 | 35 | 72 | 125 | 40 | 7 | 2 | 2 | 6 | 36 | 142 | 92 | 611 |
| 447.80 | KonzaNorth | 541 | 55 | 45 | 92 | 185 | 82 | 16 | 6 | 8 | 12 | 47 | 155 | 98 | 808 |
| 448.10 | Makueni | 231 | 50 | 40 | \$3 | 163 | 53 | 9 | 3 | 4 | 7 | 46 | 174 | 102 | 744 |
| 448.20 | Kahonzweni | 859 | 45 | 36 | 74 | 130 | 41 | 7 | 2 | 3 | 6 | 38 | 150 | 94 | 631 |
| 448.30 | $\mathrm{N}_{\text {zasi }}$ | 494 | 46 | 36 | 73 | 128 | 42 | 7 | 2 | 3 | 6 | 37 | 143 | 93 | 621 |
| 448.40 | Mbitinj | 191 | 45 | 35 | 72 | 124 | 40 | 1 | 2 | 2 | 6 | 36 | 142 | 92 | 608 |
| 449.10 | Makindu | 1512 | 44 | 33 | 72 | 123 | 37 | 6 | 2 | 3 | 6 | 32 | 154 | 107 | 624 |
| 449.20 | Xikumbulyu | 459 | 41 | 29 | 72 | 123 | 29 | 3 | 1 | 3 | 7 | 23 | 185 | 143 | 663 |
| 449.30 | Ngwata | 912 | 41 | 29 | 72 | 122 | 29 | 3 | 1 | 3 | 7 | 23 | 184 | 143 | 663 |
| 449.40 | MoitoAndei | S52 | 41 | 29 | 73 | 122 | 29 | 3 | 1 | 3 | 7 | 23 | 183 | 142 | 661 662 |
| 440,00 A | TsavoNational Park | 456 | 41 | 29 | 72 | 122 | 29 | 3 | 1 | 3 | 7 | 23 | 184 | 142 | 662 |
| 451.10 | NorthHors | 10774 | 17 | 16 | 40 | 87 | 34 | 6 | 11 | 6 | 4 | 31 | 56 | 23 | 338 |
| 451.20 | Dukana | 6786 | 17 | 16 | 40 | 85 | 34 | 6 | 11 | 6 | 4 | 30 | 55 | 22 | 333 |
| 451.30 | Maikona | 20581 | 19 | 14 | 41 | 124 | 44 | 5 | 7 | 6 | 5 | 52 | 80 | 29 | 432 |
| 452.10 | leiyangalani | 4958 | 17 | 16 | 40 | 86 | 34 | 6 | 11 | 6 | 4 | 30 | 56 | 22 | 335 |
| 452.20 | Kargi | 3911 | 19 | 16 | 41 | 98 | 38 | 6 | 10 | 7 | 4 | 38 | 63 | 24 | 370 376 |
| 453.10 | Kort | 4313 | 19 | 16 | 42 | 100 | 48 | 4 | 5 | 6 | 5 | 59 | 94 | 33 | 478 |
| 453.20 | Logologo | 7757 | 20 10 | 15 | 48 | 141 104 | 44 | 5 | 10 | 7 | 4 | 41 | 67 | 25 | 486 |
| 454.10 454.20 | Mountain Karare | 972 577 | 19 | 15 15 | 42 | 125 | 42 | 5 | 7 | 6 | 5 | 51 | 81 | 29 | 437 |
| 454.30 | Sagante | 514 | 20 | 15 | 46 | 138 | 44 | 4 | 6 | 6 | 5 | 58 | 90 | 31 | 468 |
| 455.10 | Urañ | 3299 | 11 | 10 | 39 | 116 | 52 | 5 | 4 | 4 | 6 | 56 | 68 | 26 | 401 |
| 455.20 | Sololo | 2706 | 10 | 9 | 39 | 114 | 53 | 5 | 4 | 4 | 6 | 55 | 65 | 25 | 394 |
| 456.10 | Moyale - . | 52 | 9 | 7 | 41 | 101 | 44 | 3 | 3 | 3 | 5 | 44 | 71 | 24 | 362 |
| 456.20 | Butiye | 2219 | 10 | 9 | 39 | 112 | 51 | 5 | 4 | 4 | 6 | 54 | 66 | 25 | 390 |
| 456.30 | Godoma | 1199 | 9 | 8 | 40 | 107 | 48 | 4 | 3 | 3 | 5 | 49 | 69 | 24 | 375 |


| Code | Lovation Name | $\begin{aligned} & \text { land } \\ & \text { Arcat }(\ln 12) \end{aligned}$ | Monthy Mean Rainfall (mm) |  |  |  |  |  |  |  |  |  |  |  | Annual Mean (mm) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | han | dib | Mis | $\mathrm{Ap}^{\text {r }}$ | May | Jun | Jut | Aug | Sip | Oit | Now | Dec |  |
|  |  |  |  |  |  |  |  |  |  | 6 |  | 61 | 132 | 63 | 530 |
| 461.10 | Kïna | 112 | 24 | 22 | 55 | 111 | 29 53 | 8 19 | 11 | 16 | 10 | 109 | 194 | 92 | 828 |
| 461.20 | Giabi | 47 | 42 | 33 | 40 | 154 | 53 52 | 18 | 10 | 15 | 10 | 108 | 192 | 91 | 817 |
| 481.30 | Nyak | 159 | 41 | 32 | 89 | 153 | 53 | 19 | 11 | 16 | 10 | 109 | 194 | 92 | 828 |
| 481.40 | Nima | 54 | 42 | 33 | 90 | 154 | 53 | 19 | 11 | 16 | 10 | 109 | 194 | 92 | 828 |
| 462.10 | Muanganthia | 241 | 42 | 33 | 90 | 154 | 53 | 19 | 11 | 16 | 10 | 109 | 194 | 92 | 828 |
| 462.20 | Garimbi | 57 | 42 | 33 | 80 | 154 | 53 | 19 | 11 | 16 | 11 | 109 | 193 | 92 | 827 |
| 462.30 | Atochuguchi | 285 | 42 | 35 | 8 | 154 | 49 | 18 | 10 | 15 | 12 | 105 | 182 | 90 | 396 |
| 462.40 | Kibinchia | 137 | 40 | 35 33 | 90 | 159 | 57 | 19 | 11 | 16 | 11 | 111 | 195 | $9)$ | 850 |
| 463.10 | Nhuere | 136 | 41 | 33 | 90 | 163 | 60 | 19 | 12 | 17 | 11 | 113 | 197 | 90 | 851 |
| 463.20 | Igoki | 65 | 41 | 32 | 90 | 173 | 69 | 20 | 13 | 18 | 13 | 117 | 199 | 88 | 871 |
| . 463.30 | Abogeta | 129 | 40 | 31 31 | 91 | 173 | 70 | 21 | 13 | 18 | 13 | 187 | 199 | 87 | 879 |
| 463.40 | Mitine | 135 | 30 | 31 | 92 | 185 | 81 | 22 | 15 | 20 | 15 | 122 | 201 | 84 | 912 |
| 483.50 | Igoji | 62 | 39 | 31 | 92 | 165 | 62 | 20 | 12 | 17 | 11 | 114 | 198 | 90 | 851 |
| 463.60 | Kanyakine | 61 | 41 | 32 | 90 | 158 | 56 | 19 | 11 | 16 | 11 | 111 | 196 | 91 | 839 |
| 463.70 | Mieungu | S2 | 31 | 30 | 95 | 233 | 126 | 21 | 22 | 27 | 22 | 141 | 210 | 72 | 1043 |
| 464.10 | Chogoria | 201 | 33 | 30 | 95 | 235 | 127 | 27 | 23 | 27 | 23 | 141 | 210 | 71 | 1047 |
| 464.20 | Muthambe | 153 | 33 | 30 | 45 | 235 | 128 | 27 | 23 | 27 | 23 | 141 | 210 | 71 | 1048 |
| 464.30 | Karingani | 263 | 33 | 30 | 45 | 235 | 127 | 27 | 23 | 27 | 23 | 141 | 210 | 71 | 1047 |
| 461.40 | Mronge | 35 | 33 | 30 | 95 | 235 | 129 | 28 | 23 | 28 | 23 | 14) | 209 | 70 | 1049 |
| 461.50 | Magemeni | 179 | 33 | 29 | 93 | 235 | 107 | 25 | 19 | 24 | 19 | 133 | 206 | 71 | 989 |
| 464.60 | Kanjuki | 121 | 35 | 30 | 93 | 193 | -89 | 23 | 16 | 21 | 16 | 125 | 203 | 82 | 934 |
| 464.70 | Kiera | 167 | 38 | 33 | 92 | 193 | 35 | 23 | 2 | 5 | 4 | 68 | 181 | 76 | 682 |
| 465.10 | Thangaiha | 163 | 40 | 23 | 75 | 139 | 35 | 17 | 10 | 14 | 10 | 104 | 193 | 90 | 803 |
| 465.20 | Mben | s0 | 42 | 32 | 8S | 152 | 31 | 10 | 3 | 7 | 5 | 75 | 183 | 78 | 690 |
| 465.30 | Mikinduri | 92 | 40 | 25 | 78 | 142 | 46 | 15 | 9 | 13 | 9 | 94 | 176 | 83 | 731 |
| 465.40 | Uringu | 53 | 36 | 29 | 80 | 142 | 46 | 11 | 5 | 8 | 7 | 71 | 143 | 69 | 597 |
| 465.50 | Kianjas | 53 | 28 | 23 | 64 | 122 | 35 | 11 | 5 | 8 | 4 | 42 | 112 | 51 | 420 |
| 465.60 | Akihi | 162 | 17 | 16 | 45 | 97 | 21 | 4 | 1 | 3 | 4 | 42 | 117 | 52 | 432 |
| 465.70 | Muthara | 363 | 19 | 16 | 47 | 160 | 21 | 4 | 1 | 3 | 4 | 42 |  | 48 | 300 |
| 465.80 | Mituntu | 177 | 15 | 15 | 42 | 43 | 15 | 3 | 1 | 2 | 4 | 37. | 106 | 48 |  |
| 466.10 | Gikingo | 448 | 40 | 22 | 74 | 138 | 34 | 7 | 1 | 5 | 4 | 65 | 180 | 74 | 650 |
| 466.20 | Gatue | 32 S | 40 | 35 | 34 | 142 | 39 | 10 | 4 | 8 | 5 | 77 | 184 | 79 | 698 |
| 46530 | Marimanti | 402 | 42 | 33 | 90 | 154 | $\leq 3$ | 19 | 11 | 16 | 10 | 109 | 194 | 92 | 828 |
| 466.40 | Southlharaka | 230 | 41 | 32 | 90 | 160 | 58 | 19 | 11 | 16 | 11 | 112 | 196 | 91 | 844 |
| 467.10 | Akachiu | 1035 | 39 | 22 | 74 | 137 | 33 | 7 | 1 | 5 | 4 | 64 | 178 | 74 | 644 |
| 467.20 | Maua | 205 | 37 | 21 | 7 | 133 | 32 | 7 | 1 | 4 | 3 | 62 | 173 | 72 | 621 |
| 487.30 | Njia | 277 | 19 | 16 | 47 | 101 | 21 | 4 | 1 | 2 | 4 | 42 | 118 | 52 | 433 |
| 468.10 | Uthisu/Rujine | 316 | 21 | 16 | 50 | 104 | 21 | 3 | 1 | 2 | 3 | 43 | 130 | 57 | 455 |
| 468.20 | Ithima | 355 | 17 | 16 | 45 | 97 | 20 | 4 | 1 | 2 | 4 | 40 | 113 | 50 | 414 |
| 468.30 | Mutuati | 474 | 16 | 15 | 43 | 95 | 19 | 3 | 1 | 2 | 3 | 38 | 111 | 50 | 403 |
| 469.00 | Timas | 1056 | 35 | 36 | 83 | 142 | 66 | 27 | 20 | 30 | 25 | 105 | 159 | 80 | 813 |
| 511.10 | JarajaraRahote | 332 | 13 | 10 | 52 | 93 | 12 | 1 | 1 | 1 | 3 | 36 | 103 | 52 | 385 |
| 511.20 | Mbalambala | 890 | 11 | 8 | 46 | 91 | 12 | 2 | 1 | 2 | 4 | 32 | 91 | 48 | 352 |
| 511.30 | Saka | 1533 | 10 | 8 | 44 | 88 | 12 | 2 | 1 | 3 | 5 | 30 | 85 | 47 | 339 |
| 512.10 | Liboi | 1356 | 9 | 7 | 40 | 88 | 12 | 2 | 1 | 2 | 4 | 28 | 80 | 44 | 323 |
| 512.20 | Damajare | 2676 | 10 | 7 | 46 | 84 | 15 | 4 | 3 | 5 | 7 | 30 | 84 | 49 | 349 |
| 513.10 | Madogashe | 1458 | 9 | 7 | 40 | 88 | 12 | 2 | 1 | 2 | 4 | 28 | 80 | 45 | 372 |
| 513.20 | Garufa | 2053 | 9 | 8 | 40 | 88 | 12 | 2 | 1 | 2 | 4 | 28 | 82 | 45 | 329 |
| 513.30 | Goreale | 1805 | 9 | 7 | 40 | \$8 | 12 | 2 | 1 | 2 | 4 | 28 | 80 | 44 | 322 |
| 513.40 | Bersane | 1081 | 9 | 7 | 40 | \$3 | 12 | 2 | 1 | 2 | 4 | 28 | 80 | 41 | 322 |
| 514.10 | Hulugho | 2326 | 9 | 6 | 39 | 120 | 255 | 135 | 73 | 40 | 46 | 41 | 55 | 48 | 875 |
| 514.20 | GalmaGalla | 947 | 12 | 8 | 41 | 103 | 172 | 92 | 50 | 32 | 36 | 38 | 67 | 51 | 703 |
| \$ $\$ 15.10$ | Sangailu | 2099 | 14 | 9 | 41 | 97 | 141 | 76 | 42 | 29 | 34 | 37 | 73 | 53 | 653 |
| 515.20 | ljara | 728 | 15 | 9 | 41 | 100 | 151 | 83 | 47 | 32 | 37 | 38 | 72 | 53 | 685 |
| 515.30 | Kotile | \$99) | 22 | 15 | 54 | 124 | 108 | 55 | 35 | 27 | 33 | 47 | 128 | 67 | 719 |
| 515.40 | Masalani | 885 | 18 | 13 | 50 | 113 | 125 | 66 | 37 | 27 | 33 | 43 | 104 | 61 | 695 |
| 516.00 | Bura | 7460 | 15 | 9 | 42 | 9\% | 140 | 75 | 42 | 29 | 34 | 38 | 77 | 54 | 660 |
| 537.10 | Jasalifa | 3587 | 12 | 7 | 45 | 96 | 117 | 61 | 34 | 22 | 26 | 36 | 74 | 51 | 587 |
| 517.20 | Welmeres | 2430 | 12 | 7 | 48 | 85 | 53 | 26 | 15 | 13 | 16 | 33 | 83 | 52 | 449 |
| 518.00 | Dadasb | 7029 | 10 | 7 | 45 | 85 | 18 | 6 | 3 | 5 | 7 | 30 | 83 | 48 | 351 |
| 519.10 | Sankuri | 1292 | 12 | 7 | 51 | 84 | 27 | 11 | 7 | 8 | 10 | 33 | 88 | 52 | 394 |
| 519.20 | Korakora | 452 | 16 | 9 | 49 | 96 | 88 | 41 | 22 | 18 | 21 | 38 | 92 | 35 | 542 |
| 521.10 | Mandera | 191 | 1 | 5 | 21 | 92 | 33 | 0 | 1 | 0 | 2 | 43 | 50 | 6 | 263 |
| 521.20 | Neboi | 103 | 1 | 5 | 21 | 92 | 38 | 0 | 1 | 0 | 2 | 43 | So | 6 | 263 |
| 521.30 | Kalaliyo | 261 | 1 | 5 | 21 | 42 | 33 | 0 | 1 | 0 | 2 | 43 | 50 | 6 | 263 |
| 522.10 | Arabia | 3352 | 4 | 5 | 30 | 101 | 43 | 2 | 3 | 2 | 4 | 48 | 55 | 12 | 315 |
| 522.20 | Libehia | 1955 | 2 | 4 | 25 | 94 | 38 | 1 | 1 | 1 | 3 | 43 | 52 | 8 | 271 |


| Cobe | Location Name | $\begin{aligned} & \text { land } \\ & \text { Area (kon2) } \end{aligned}$ | Monthly Mcan Kainfall (mm) |  |  |  |  |  |  |  |  |  |  |  | Annual Mean (mm) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Jan | 1 B | Mar | Apr | May | Jun | Jul | Aug | Sep | Oti | Nov | DCc |  |
| 533.10 | Elwat | 4546 | 7 | 5 | 42 | 113 | 51 | 4 | 5 | 5 | 8 | 56 | 63 | 21 | 385 |
| 523.20 | Kotulo | 1436 | 7 | 5 | 42 | 113 | 51 | 4 | 5 | 5 | 8 | 56 | 63 | 21 | 385 |
| 524.10 | Ashabito | 4677 | 5 | 4 | 35 | 104 | 41 | 2 | 3 | 3 | 6 | 49 | 58 | 16 | 334 |
| 524.20 | Rhamu | 503 | 2 | 4 | 23 | 95 | 37 | 1 | 2 | 1 | 3 | 44 | 53 | 10 | 286 |
| 524.30 | RhamuDimu | 665 | 2 | 4 | 28 | 95 | 37 | 1 | 2 |  | 3 | 44 | 53 | 10 | 286 |
| 525.10 | Banisa | 2265 | 4 | 4 | 34 | 102 | 42 | 2 | 3 | 3 | 5 | 48 | 57 | 15 | 325 |
| 525.20 | Malkaman | 854 | 2 | 4 | 28 | 95 | 37 | 1 | 2 | 1 | 3 | 44 | 53 | 10 | 286 |
| 52610 | zakaba | 3731 | 7 | 5 | 42 | 113 | 51 | 4 | 5 | 5 | 8 | 56 | 63 | 21 | 385 |
| 526.20 | Dandu | 1642 | 7 | 5 | 42 | 113 | 51 | 4 | 5 | 5 | 8 | 56 | 63 | 21 | 385 |
| 531.10 | Habaswein | 5456 | 10 | 8 | 36 | 102 | 26 | 3 | 2 | 3 | 5 | 36 | 73 | 35 | 344 |
| 531.20 | Banaice | 4295 | 8 | 8 | 32 | 93 | 24 | 2 | 1 | 2 | 4 | 32 | 68 | 33 | 319 |
| 531.30 | Sabule | 4254 | 8 | 7 | 33 | 91 | 13 | 2 | 1 | 2 | 4 | 25 | 72 | 39 | 302 |
| 532.10 | Kulaley | 3141 | 9 | 8 | 40 | 105 | 47 | 4 | 3 | 3 | 5 | 48 | 70 | 24 | 372 |
| 532.20 | Wargadud | 1899 | 9 | 7 | 41 | 102 | 44 | 3 | 3 | 3 | 5 | 44 | 71 | 24 | 362 |
| 53230 | Tarbaj | 4142 | 8 | 6 | 42 | 108 | 43 | 4 | 4 | 4 | 7 | 51 | 66 | 22 | 375 |
| 532.40 | WajirTownship | 145 | 9 | 7 | 41 | 101 | 44 | 3 | 3 | 3 | 5 | 44 | 71 | 24 | 362 |
| 533.10 | Khorofflazar | 2032 | 8 | 6 | 42 | 107 | 47 | 4 | 4 | 4 | 7 | 50 | 67 | 22 | 373 |
| 533.20 | Wajir3or | 2523 | 9 | 7 | 41 | 102 | 44 | 3 | 3 | 3 | 5 | 44 | 71 | 24 | 362 |
| 534.00 | Dif | 6260 | 9 | S | 41 | 103 | 45 | 4 | 3 | 3 | 5 | 46 | 70 | 24 | 366 |
| 535.10 | Wagala | 1934 | 9 | \$ | 40 | 107 | 48 | 4 | 4 | 3 | 6 | 49 | 69 | 24 | 377 |
| 535.20 | Artajahan | 3608 | 10 | 9 | 34 | 114 | 53 | 5 | 4 | 4 | 6 | 55 | 66 | 25 | 395 |
| 535.30 | Griftu | 2557 | 9 | \$ | 40 | 105 | 47 | 4 | 3 | 3 | 5 | 43 | 70 | 24 | 371 |
| 535.40 | Eldas | 1912 | 9 | S | 41 | 103 | 45 | 4 | 3 | 3 | 5 | 46 | 70 | 24 | 366 |
| 536.10 | Korondite | 4118 | 10 | 9 | 39 | 113 | 52 | 5 | 4 | 4 | 6 | 55 | 66 | 25 | 393 |
| \$36.20 | Buna | 4239 | 8 | 6 | 41 | 107 | 43 | 4 | 4 | 4 | 7 | 50 | 67 | 22 | 374 |
| 537.10 | Guras | 2391 | 8 | 6 | 41 | 106 | 47 | 4 | 4 | 4 | 6 | 49 | 68 | 23 | 371 |
| 537.20 | Bute | 105s | 9 | 7 | 41 | 101 | 41 | 3 | 3 | 3 | 5 | 44 | 71 | 24 | 362 |
| 537.30 | Godoma | 430 | 9 | 7 | 41 | 101 | 44 | 3 | 3 | 3 | 5 | 44 | 71 | 24 | 362 |
| 611.10 | Central Kitutu | 65 | 76 | 92 | 172 | 242. | 191 | 110 | 87 | 107 | 134 | 141 | 166 | 104 | 1627 |
| 611.20 | Erenge | S6 | 79 | 97 | 185 | 251 | 202 | 122 | 100 | 119 | 145 | 149 | 172 | 106 | 1730 |
| 611.30 | Marani | 46 | 78 | 95 | 183 | 251 | 201 | 120 | 98 | 118 | 145 | 149 | 170 | 103 | 1717 |
| 611.40 | Nyake | 63 | 76 | 93 | 180 | 249 | 199 | 117. | 95 | 116 | 142 | 147 | 168 | 102 | 1690 |
| 811.50 | NastKitutu | 91 | 75 | 90 | 151 | 222 | 169 | 89 | 63 | 82 | 111 | 122 | 158 | 108 | 1445 |
| 611.60 | NorthKilutu | 103 | 75 | 90 | 153 | 224 | 171 | 90 | 65 | 84 | 113 | 124 | 159 | 108 | 1461 |
| 61210 | WestMugitango | 63 | 84 | 103 | 200 | 263 | 215 | 138 | 116 | 133 | 160 | 158 | 179 | 110 | 1864 |
| 61220 | EastMugisango | 116 | 78 | 95 | 168 | 237 | 185 | 106 | 82 | 100 | 128 | 135 | 165 | 109 | 1593 |
| 612.30 | NorthMugirango | 130 | 83 | 91 | 168 | 248 | 193 | 120 | 107 | 127 | 130 | 134 | 153 | 101 | 1663 |
| 612.40 | NorthMugiranguChache | St | 85 | 97 | 177 | 253 | 195 | 123 | 110 | 129 | 131 | 135 | 155 | 101 | 1696 |
| 613.10 | NorthBorabu | 98 | 80 | 83 | 139 | 231 | 186 | 115 | 109 | 134 | 122 | 122 | 134 | 95 | 1555 |
| 813.20 | Borabu | 145 | 81 | 87 | 124 | 174 | 115 | 74 | 55 | 73 | 72 | 67 | 122 | 106 | 1156 |
| 614.10 | NyaribariChacheWest | 45 | 77 | 93 | 174 | 243 | 191 | 111 | 89 | 110 | 137 | 144 | 167 | 105 | 1650 |
| 614.20 | NyaribariChacheliast | 71 | 75 | 90 | 151 | 222 | 169 | S9 | 63 | 82 | 111 | 122 | 158 | 108 | 1445 |
| 614.30 | NyaribariCcrital | 63 | 75 | 90 | 151 | 222 | 169 | 85 | 63 | 82 | 111 | 122 | 158 | 108 | 1444 |
| 614.40 | NyaribariN\{asaba | 92 | 81 | 93 | 140 | 202 | 146 | 82 | 55 | 75 | 99 | 102 | 148 | 114 | 1343 |
| 615.00 | KisüMunicipality | 23 | 78 | 94 | 182 | 250 | 202 | 118 | 97 | 118 | 145 | 151 | 170 | 104 | 1713 |
| 816.10 | NorthWanjare | 50 | 76 | 93 | 180 | 249 | 199 | 117 | 95 | 116 | 142 | 147 | 168 | 102 | 1691 |
| 616.20 | SouihWanjare | 61 | 78 | 94 | 182 | 250 | 202 | 118 | 97 | 118 | 145 | 151 | 170 | 104 | 1714 |
| 616.30 | SouthMfugirangochache | 85 | 77 | 92 | 167 | 237 | 187 | 104 | 81 | 101 | 129 | 138 | 165 | 106 | 1589 |
| 616.40 | Souths Sugirangoporabes | 97 | 75 | 90 | 151 | 222 | 169 | 59 | 63 | 82 | 111 | 122 | 153 | 108 | 1445 |
| 817.10 | Majogechache . | 112 | 76 | 91 | 162 | 232 | 181 | 99 | 75 | 95 | 123 | 132 | 162 | 107 | 1540 |
| 617.20 | MajogeMasaba | 55 | 75 | 90 | 151 | 222 | 169 | S9 | 63 | 82 | 111 | 122 | 158 | 108 | 1445 |
| 617.30 | Majogeliorabu | 75 | 75 | 90 | 151 | 222 | 169 | 59 | 63 | 82 | 111 | 122 | 158 | 108 | 1445 |
| 617.40 | BassiChache | 81 | 71 | 92 | 167 | 237 | 187 | 104 | 83 | 101 | 129 | 138 | 165 | 106 | 1589 |
| 817.50 | Kionyo | 53 | 75 | 90 | 151 | 222 | 169 | 89 | 63 | 82 | 111 | 122 | 158 | 108 | 1445 |
| 617.60 | Bassiborabus | 117 | 75 | 90 | 151 | 222 | 169 | 89 | 63 | 82 | 111 | 122 | 158 | 108 | 1445 |
| 621.10 | EasiScme | 86 | 55 | so | 136 | 218 | 139 | 73 | 49 | 67 | 77 | 82 | 134 | 76 | 1190 |
| 621.20 | CentralSeme | 104 | 55 | 80 | 136 | 218 | 139 | 73 | 49 | 67 | 77 | 82 | 134 | 76 | 1190 |
| 621.30 | Westseme | 91 | 55 | 80 | 136 | 218 | 139 | 73 | 49 | 67 | 77 | 82 | 134 | 76 | 1190 |
| 622.10 | WestKisumu | 133 | 55 | 80 | 136 | 218 | 139 | 73 | 49 | 67 | 77 | 82 | 134 | 76 | 1190 |
| 62220 | CentralKisuma | 51 | 56 | 80 | 137 | 213 | 139 | 73 | 50 | 67 | 77 | 83 | 134 | 76 | 1195 |
| 622.30 | EastKisuma | 57 | 57 | 81 | 138 | 213 | 140 | 74 | 52 | 69 | 78 | 83 | 134 | 77 | 1207 |
| 622.40 | Kajulu | 36 | 71 | 91 | 156 | 218 | 150 | 78 | 72 | 84 | 84 | 86 | 137 | 90 | 1323 |
| 622.50 | Kolua | 110 | 72 | 92 | 156 | 218 | 151 | 78 | 73 | 85 | 84 | 86 | 137 | 91 | 1327 |
| 623.10 | NorthliasiKamo | 226 | 75 | 90 | 153 | 213 | 141 | 80 | 75 | 89 | 82 | 86 | 129 | 87 | 1303 |
| 62320 | SouthliastKano | 252 | so | 89 | 150) | 215 | 144 | 85 | 82 | 98 | 34 | 92 | 123 | 85 | 1334 |
| 624.10 | NorthWestKamo | 76 | 72 | 92 | 156 | 218 | 151 | 78 | 73 | 85 | 34 | 86 | 137 | 91 | 1327 |
| 624.20 | SouthWestKaro | 82 | 72 | 92 | 156 | 218 | 150 | 79 | 73 | 86 | 84 | 87 | 137 | 90 | 1328 |



| Code | Location Name | $\begin{gathered} \text { land } \\ \text { Arcalkn2) } \end{gathered}$ | ( Monthly Mean Rainfall (nm) |  |  |  |  |  |  |  |  |  |  |  | Annual Mean (mm) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Jan | 1 cb | Mus | Apr | May | Jun | Jul | Ang | Srp | Ot | Nov | Dic |  |
| $\overline{646.80}$ | Bugembelvest | 135 | 79 | 93 | 148 | 216 | 162 | 8) | 59 | 79 | 110 | 117 | 157 | 113 | 142 |
| 847.10 | KabondoEast | 67 | 85 | 95 | 169 | 251 | 189 | 119 | 108 | 127 | 123 | 129 | 148 | 98 | 1648 |
| 647.20 | KatomboWest | S0 | 84 | 100 | 188 | 258 | 205 | 131 | 113 | 131 | 145 | 147 | 157 | 105 | 1778 |
| 647.30 | EasiKasipul | 113 | 84 | 103 | 200 | 263 | 215 | 138 | 116 | 133 | 160 | 158 | 179 | 110 | 1864 |
| 647.40 | Central Kasipul | 137 | 83 | 102 | 198 | 262 | 213 | 136 | 114 | 131 | 158 | 157 | 178 | 109 | 1818 |
| 647.50 | WestKasipul | 133 | 77 | 94 | 182 | 250 | 200 | 119 | 97 | 117 | 144 | 148 | 169 | 103 | 1706 |
| 648.10 | CeniralKararbuonjo | 96 | 84 | 103 | 200 | 263 | 215 | 133 | 116 | 133 | 160 | 158 | 179 | 110 | 1864 |
| 64820 | Kanyaluo | 61 | 80 | 98 | 190 | 256 | 207 | 127 | 165 | 124 | 151 | 153 | 174 | 106 | 1776 |
| 848.30 | WangChieng | 83 | 81 | 100 | 192 | 260 | 203 | 133 | 114 | 131 | 149 | 150 | 170 | 106 | 1803 |
| 648.40 | WertKarachuonyo | 104 | 80 | 97 | 189 | 255 | 206 | 126 | 104 | 123 | 150 | 152 | 173 | 105 | 1767 |
| 648.50 | Kibiri | 51 | 78 | 95 | 184 | 252 | 202 | 122 | 99 | 120 | 146 | 150 | 171 | 104 | 1728 |
| 649.10 | Northsakua | 32 | 76 | 91 | 155 | 226 | 173 | 92 | 67 | 86 | 115 | 126 | 160 | 108 | 1479 |
| $6 \times 9.20$ | Westsakua | 65 | 75 | 90 | 151 | 222 | 169 | 89 | 63 | 82 | 111 | 122 | 358 | 103 | 1445 |
| 649.30 | CentralSakwa | 65 | 75 | 90 | 151 | 222 | 169 | 89 | 63 | 82 | 111 | 122 | 158 | 108 | 1445 |
| 649.40 | SouthSaku'a | 97 | 75 | 90 | 151 | 222 | 169 | 89 | 63 | 82 | 111 | 122 | 153 | 108 | 1445 |
| 649.50 | NorthKamagambo | 34 | 78 | 94 | 182 | 250 | 202 | 118 | 97 | 119 | 146 | 151 | 170 | 104 | 1716 |
| 649.60 | CentralKamaganto | 84 | 78 | 93 | 179 | 248 | 200 | 116 | 94 | 116 | 143 | 149 | 169 | 104 | 1694 |
| 649.70 | WestKanagambo | 44 | 76 | 91 | 161 | 231 | 180 | 98 | 74 | 94 | 122 | 132 | 162 | 107 | 1531 |
| 699.80 | SouthKamagambo | 63 | 75 | 90 | ISI | 222 | 169 | 89 | 63 | 82 | 111 | 122 | 158 | 108 | 1445 |
| 711.10 | Odomongi | 2025 | 36 | 26 | 71 | 110 | 39 | 6 | 4 | 5 | 9 | 24 | 141 | 107 | 588 |
| 711.20 | OrokKiteng | 1583 | 49 | 32 | 71 | 118 | 38 | 5 | 4 | 4 | 7 | 30 | 138 | 105 | 613 |
| 711.30 | Fitonet | 2832 | 57 | 35 | 72 | 117 | 35 | 5 | 4 | 3 | 5 | 32 | 127 | 99 | 597 |
| 712.10 | Ngong | 167 | So | 46 | s2 | 206 | 138 | 32 | 13 | 20 | 24 | 48 | 120 | 85 | 869 |
| 71220 | KcekonyokieNorth | 2444 | 51 | 47 | SO | 146 | 86 | 21 | 13 | 14 | 18 | 32 | 80 | 68 | 661 |
| 712.30 | KeckonjokieSouth | 1082 | 49 | 44 | 31 | 164 | 92 | 21 | 10 | 12 | 16 | 39 | 105 | 77 | 714 |
| 713.10 | İdamas | 323 | 46 | 35 | 74 | 132 | 55 | 11 | 5 | 6 | 9 | 35 | 123 | 85 | 623 |
| 713.20 | Puko | 230 | 46 | 38 | 13 | 130 | 51 | 10 | 5 | 5 | 8 | 35 | 127 | 86 | 619 |
| 713.30 | Dalalekutuk | 679 | 45 | 35 | 72 | 124 | 40 | 7 | 2 | 2 | 6 | 36 | 142 | 92 | 608 |
| 713.40 | Matapato | 1369 | 52 | 33 | 75 | 131 | 51 | 9 | 5 | 5 | 8 | 35 | 123 | 91 | 630 |
| 713.50 | Namanga | 1650 | 68 | 39 | 30 | 126 | 33 | 5 | 5 | 4 | 6 | 34 | 130 | 112 | 651 |
| 713.60 | lookokilani | 1526 | 48 | 45 | 78 | 149 | 85 | 19 | 12 | 13 | 16 | 33 | 81 | 67 | 653 |
| 713.70 | Kenyawa | 791 | 45 | 35 | 72 | 124 | 40 | 7 | 2 | 2 | 6 | 36 | 142 | 92 | 608 |
| 713.80 | Nkama | 601 | 45 | 35 | 72 | 124 | 40 | 7 | 2 | 2 | 6 | 36 | 142 | 92 | 601 |
| 113.90 | CentralKaputei | S57 | 45 | 36 | 72 | 126 | 42 | 7 | 2 | 3 | 6 | 36 | 142 | 92 | 615 |
| 713.00 A | NorthKaputei | 1046 | 51 | 45 | 86 | 189 | 103 | 22 | 8 | 12 | 17 | 48 | 139 | 90 | 816 |
| 714.10 | Magadi | 1532 | 51 | 46 | 76 | 130 | 75 | 20 | 12 | 13 | 18 | 25 | 69 | 64 | 605 |
| 714.20 | Olkiamaian | 1193 | 51 | 46 | 77 | 134 | 73 | 20 | 12 | 13 | 17 | 27 | 72 | 64 | 616 |
| 721.10 | SigorSoulh | 148 | 71 | 68 | 105 | 157 | 162 | 106 | 112 | 137 | 110 | 94 | 109 | 87 | 1353 |
| 721.20 | Sigorvorth | 104 | 70 | 67 | 104 | 190 | 169 | 110 | 119 | 146 | 115 | 99 | 109 | 84 | 1388 |
| 721.30 | Kongasis | 173 | $\mathbf{3 2}$ | 89 | 128 | 185 | 132 | 80 | 60 | 79 | 89 | 84 | 132 | 110 | 1258 |
| 721.40 | Abosi | 157 | S4 | 95 | 136 | 194 | 138 | 79 | 52 | 72 | 93 | 94 | 144 | 116 | 1303 |
| 721.50 | Ndanai | 134 | \$2 | 88 | 126 | 187 | 132 | 86 | 72 | 92 | 85 | 80 | 123 | 103 | 1258 |
| 721.60 | Mutorokwo | 208 | 81 | 85 | 123 | 182 | 127 | 83 | 70 | 90 | 81 | 75 | 120 | 102 | 1225 |
| 722.10 | Ekwen | 159 | 81 | 83 | 123 | 203 | 154 | 100 | 93 | 116 | 99 | 94 | 122 | 97 | 1375 |
| 722.20 | Longisa | 177 | 71 | 69 | 104 | 183 | 153 | 100 | 105 | 129 | 101 | 89 | 108 | 86 | 1305 |
| 722.30 | Merigi | 187 | 70 | 67 | 104 | 183 | 164 | 107 | 115 | 140 | 111 | 95 | 109 | 85 | 1360 |
| 723.10 | Kepletudo | 123 | 81 | so | 137 | 241 | 201 | 129 | 133 | 161 | 132 | 129 | 127 | 89 | 1646 |
| 72320 | Techoge: | 116 | 81 | 80 | 137 | 241 | 201 | 129 | 133 | 161 | 132 | 129 | 127 | 89 | 1646 |
| 723.30 | litcin | $\%$ | \$1 | 80 | 137 | 241 | 200 | 129 | 133 | 160 | 131 | 128 | 127 | 83 | 1692 |
| 723.40 | Kisiafa | 134 | 83 | 83 | 142 | 245 | 197 | 127 | 128 | 155 | 127 | 128 | 129 | 90 | 1610 |
| 724.10 | Mogogosick | 82 | s0 | 79 | 134 | 236 | 193 | 126 | 132 | 158 | 125 | 123 | 124 | 86 | 1600 |
| 724.20 | Cheptalal | 389 | 73 | 70 | 117 | 216 | 189 | 124 | 139 | 166 | 127 | 116 | 115 | 80 | 1531 |
| 724.30 | Kimulor | 219 | 72 | 70 | 115 | 215 | 185 | 123 | 141 | 167 | 122 | 113 | 113 | 76 | 1516 |
| 724.40 | Saosa | 111 | 81 | 84 | 143 | 240 | 182 | 120 | 122 | 146 | 113 | 118 | 126 | 81 | 1569 |
| 725.10 | Waldai | 154 | 85 | 90 | 153 | 250 | 183 | 117 | 112 | 136 | 111 | 121 | 132 | 93 | 1593 |
| 725.20 | Kiptere | 199) | 85 | 91 | 155 | 240 | 172 | 107 | 102 | 123 | 104 | 113 | 132 | 91 | 1520 |
| 725.30 | Soin | 323 | 78 | 85 | 143 | 213 | 149 | 93 | 95 | 112 | 89 | 94 | 119 | 82 | 1357 |
| 725.40 | Mosog | 162 | 64 | 66 | 103 | 182 | 143 | 100 | 126 | 144 | 90 | 82 | 100 | 64 | 1269 |
| 725.50 | Kerichotounship | 61 | 83 | 84 | 139 | 237 | 178 | 118 | 122 | 145 | 110 | 115 | 124 | 86 | 1547 |
| 725.60 | Chaik | 329 | 79 | 79 | 131 | 228 | 171 | 118 | 126 | 150 | 111 | 112 | 120 | 82 | 1519 |
| 726.10 | Kipkelion | 223 | 55 | 55 | So | 162 | 137 | 103 | 144 | 161 | 90 | 73 | 88 | 53 | 1205 |
| 726.20 | Críchila | 97 | 53 | 52 | 16 | 156 | 134 | 102 | 145 | 162 | 88 | 70 | 85 | 50 | 1179 |
| 726.30 | Kipchoria | 181 | 61 | 69 | 109 | 179 | 135 | 92 | 115 | 130 | 84 | 77 | 101 | 65 | 1226 |
| 727.10 | Condiani | 235 | 56 | 56 | 82 | 165 | 140 | 104 | 143 | 161 | 91 | 75 | 89 | 54 | 1222 |
| 727.20 | Sotgat | 319 | 54 | 55 | 81 | 161 | 139 | 108 | 146 | 164 | 93 | 74 | 83 | 51 | 1217 |
| 731.10 | Tigini | 486 | 39 | 41 | 71 | 151 | 117 | 39 | 45 | 51 | 42 | 93 | 121 | 63 | 878 |
| 731.20 | Ngobil | 446 | 27 | 32 | 63 | 120 | 71 | 41 | 57 | 66 | 44 | 66 | 102 | 45 | 741 |



|  | 10cation | $\begin{gathered} \text { land } \\ \text { Area (kon2) } \end{gathered}$ | Munthy Mean Kainfall (mm) |  |  |  |  |  |  |  |  |  |  |  | Annual Mean (mm) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | Name |  | Jan | Fb | Mar | Apr | May | Jun | Jul | Aug | Scp | Oct | Nov | Dec |  |
| 754.10 | Emant | 298 | 85 | 92 | 131 | 181 | 127 | 76 | 51 | 69 | 85 | 81 | 134 | 114 | 1234 |
| 754.20 | Moitanikliast | 200 | 84 | 98 | 143 | 207 | 153 | 84 | 54 | 74 | 108 | 110 | 158 | 120 | 1396 |
| 754.30 | Moitanjwest | 174 | 83 | 97 | 144 | 204 | 154 | 84 | 54 | 75 | 108 | 111 | 156 | 119 | 1401 |
| 754.40 | UasinGishuliast | 231 | 81 | 95 | 146 | 213 | 159 | 86 | 51 | 77 | 109 | 114 | 157 | 115 | 1414 |
| 75950 | UasinGishuWest | 219 | 79 | 93 | 148 | 216 | 163 | 87 | 59 | 39 | 110 | 117 | 157 | 113 | 1426 |
| 755.10 | Sinaliast | 709 | S 5 | 96 | 139 | 199 | 144 | 81 | 53 | 72 | 100 | 100 | 149 | 118 | 1341 |
| 755.20 | SiriaCentral | 282 | 84 | 98 | 143 | 206 | 152 | 83 | 53 | 73 | 107 | 108 | 155 | 120 | 1389 |
| 755.30 | Sirialvest | 171 | 83 | 97 | 144 | 209 | 154 | 84 | 54 | 75 | 108 | 111 | 156 | 119 | 1401 |
| 761.10 | Chepsio | 172 | 33 | 48 | 40 | 182 | 182 | 103 | 132 | 133 | 104 | 109 | 116 | 40 | 1278 |
| 761.20 | Cherangany | 98 | 26 | 43 | 78 | 177 | 187 | 121 | 159 | 153 | 126 | 97 | 99 | 31 | 1302 |
| 761.30 | Makutano | 132 | 24 | 42 | 76 | 176 | 158 | 125 | 165 | 158 | 130 | 94 | 96 | 29 | 1307 |
| 761.40 | Kaplamai | 118 | 29 | 43 | 85 | 174 | 185 | 126 | 149 | 160 | 133 | 103 | 94 | 32 | 1323 |
| 761.50 | Sinyerere | 124 | 26 | 44 | 79 | 175 | 187 | 126 | 159 | 159 | 132 | 97 | 94 | 30 | 1314 |
| 762.10 | Waitaluk | 137 | 35 | 53 | 94 | 172 | 183 | 126 | 133 | 161 | 134 | 112 | 93 | 34 | 1335 |
| 762.20 | Kibomet | 67 | 35 | 53 | 95 | 172 | 183 | 126 | 133 | 162 | 135 | 112 | 93 | 34 | 1337 |
| 762.30 | Kitale | 36 | 35 | 53 | 92 | 168 | 181 | 125 | 137 | 166 | 130 | 107 | 89 | 34 | 1324 |
| 762.40 | Kiminini | 154 | 35 | 53 | 91 | 163 | 180 | 125 | 139 | 168 | 129 | 105 | 88 | 35 | 1322 |
| 76250 | Saboti | 1.40 | 35 | 6 | 104 | 185 | 195 | 127 | 134 | 159 | 131 | 112 | 101 | 41 | 1392 |
| 762.60 | Kiboroa | 186 | 35 | 53 | 42 | 168 | 181 | 125 | 139 | 167 | 129 | 106 | 89 | 35 | 1323 |
| 763.10 | Kaisagat | 164 | 2 S | 47 | 83 | 174 | 186 | 126 | 152 | 160 | 133 | 101 | 94 | 31 | 1320 |
| 763.20 | Kwanta | 98 | 32 | 51 | 91 | 173 | 184 | 126 | 139 | 161 | 134 | 109 | 93 | 33 | 1331 |
| 763.30 | Kapomboi | 123 | 35 | 53 | 95 | 172 | 183 | 128 | 133 | 162 | 135 | 112 | 93 | 34 | 1337 |
| 763.40 | Kolongoto | 132 | 18 | 33 | 64 | 146 | 147 | 92 | 126 | 116 | 97 | 72 | 77 | 26 | 1019 |
| 763.50 | Endebess | 406 | 35 | 53 | 93 | 170 | 181 | 126 | 136 | 164 | 132 | 109 | 90 | 34. | 1327 |
| 763.60 | Chepchoina | 282 | 22 | 37 | 71 | 150 | 153 | 95 | 125 | 125 | 104 | 80 | 79 | 28 | 1079 |
| 711.10 | Moibeli | 136 | 33 | 48 | 59 | 179 | 176 | 97 | 131 | 130 | 95 | 104 | 115 | 41 | 1243 |
| 771.20 | Moi'sBridge | 271 | 33 | 48 | 57 | 176 | 178 | 105 | 137 | 141 | 103 | 103 | 109 | 39 | 1264 |
| 771.30 | Moiben | 159 | 34 | 45 | 75 | 149 | 159 | 107 | 158 | 172 | 93 | 74 | 77 | 33 | 1184 |
| 771.40 | Kanua | 125 | 34 | 47 | 85 | 169 | 161 | 85 | 131 | 127 | 75 | 92 | 110 | 41 | 1164 |
| 771.50 | Sergoit | 144 | 31 | 46 | 73 | 142 | 142 | 96 | 155 | 161 | 77 | 63 | 73 | 32 | 1097 |
| 771.60 | Tembelco | 201 | 30 | 46 | 70 | 136 | 138 | 99 | 161 | 168 | 78 | 56 | 66 | 30 | 1083 |
| 772.10 | Soi | 303 | 33 | 45 | 70 | 135 | 149 | 108 | 166 | 182 | 88 | 61 | 64 | 30 | 1142 |
| 77220 | Kiploribe | 199 | 30 | 46 | 70 | 135 | 138 | 100 | 163 | 170 | 78 | 55 | 64 | 29 | 1083 |
| 77230 | Turbolast | 112 | 31 | 46 | 70 | 138 | 139 | 100 | 164 | 172 | 79 | 56 | 66 | 30 | 1097 |
| 772.40 | Turbowest | 130 | 38 | 56 | 85 | 160 | 171 | 117 | 163 | 183 | 101 | 76 | 79 | 33 | 1273 |
| 77250 | EdiorelMunicipality | 65 | 31 | 46 | 71 | 150 | 140 | 101 | 165 | 173 | 79 | 56 | 68 | 31 | 1106 |
| 773.10 | Kapsaret | 124 | 37 | 52 | so | 150 | 151 | 112 | 165 | 181 | 92 | 66 | 75 | 35 | 1200 |
| 773.20 | Ngeria | 208 | 46 | 58 | 195 | 170 | 159 | 125 | 164 160 | 184 | 108 129 | 80 | 92 108 | 42 48 | 1329 1463 |
| 773.30 | Tuluel | 149 | 58 | 65 | 112 | 187 | 168 | 140 | 160 | 188 | 129 103 | 96 | 108 91 | 48 | 1463 |
| 774.10 | Cheplirel | 247 | 45 | 56 46 | 92 70 | 166 137 | 154 139 | 120 100 | 162 | 181 | 103 78 | 76 55 | 93 68 | 41 30 | 1293 1093 |
| 774.20 774.30 | Kaptagal | 82 67 | 30 | 46 47 | 70 | 137 141 | 139 141 | 100 | 164 | 172 | 78 80 | 55 57 | 66 | 30 31 | 1093 1113 |
| 774.30 774.40 | Kapsincode KipkabusKapragal | 67 217 | 36 | 50 | 79 | 150 | 145 | 108 | 163 | 175 | 88 | 64 | 71 | 35 | 1171 |
| 774.50 | Tarakwa. | 64 | 57 | 65 | 112 | 186 | 167 | 141 | 158 | 187 | 129 | 96 | 108 | 48 | 1462 |
| 774.60 | Olare | 100) | 47 | 57 | 95 | 171 | 1.55 | 122 | 161 | 150 | 106 | 79 | 96 | 43 | 1319 |
| 774.70 | 1 ainguse | 158 | 60 | 69 | 120 | 193 | 171 | 144 | 155 | 186 | 135 | 101 | 113 | 51 | 1504 |
| 714.80 | Tiniboroa | 162 | 53 | 58 | 95 | 171 | 153 | 125 | 155 | 179 | 112 | 84 | 98 | 47 | 1336 |
| 714.90 | Ainabkoi | 210 | 45 | 51 | \$3 | 170 | 150 | 109 | 162 | 176 | 91 | 73 | 98 | 47 | 1259 |
| 811.10 | KamnarokSoi | 285 | 38 | 47 | SS | 191 | 166 | 106 | 175 | 182 | 83 83 | 75 | 117 | 51 | 1322 1322 |
| 811.20 | KamnarokMosop | 54 | 38 | 47 | 85 | 191 | 166 | 106 | 175 169 | 182 | 83 79 | 75 | 117 | 50 | 1379 |
| 811.30 | SaimoMosop | 79 328 | 36 | 16 | 80 | 127 | $\underline{160}$ | 56 | 189 | 88 | 43 | 56 | 85 | 35 | 800 |
| 811.40 811.50 | SaimoSor | 328 501 | 25 31 | 32 40 | 63 75 | 127 | 96 131 | 56 80 | 89 130 | 85 133 | 63 | 66 | 100 | 43 | 1055 |
| 811.60 | Ngorota | 599 | 20 | 27 | 56 | 109 | 85 | 44 | 70 | 59 | 37 | 52 | 72 | 30 | 665 |
| 812.10 | Kabarnet Soi | 196 | 38 | 47 | 88 | 191 | 166 | 106 | 175 | 182 | 83 | 75 | 117 | 51 | 1322 |
| 812.20 | Sacho-Soi | 54 | 38 | 47 | 88 | 191 | 166 | 106 | 175 | 182 | 33 | 75 | 117 | 51 | 1322 |
| 812.30 | Sachomesop | 56 | 36 | 45 | 84 | 181 | 157 | 101 | 167 | 173 | 79 | 72 | 110 | 48 | 1262 |
| 812.40 | Kabasis | 38 | 37 | 47 | 88 | 192 | 167 | 106 | 171 | 184 | 83 | 74 | 117 | 51 | 1328 |
| 81250 | KabarreiMosop | 51 | 37 | 47 | 90 | 197 | 169 | 110 | 186 | 191 | 84 | 72 | 119 | 53 | 1364 |
| 812.60 | Orokwo | 33 | 38 | 47 | 88 | 191 | 166 | 106 | 175 | 182 | 83 | 75 | 117 | 51 | 1322 |
| 812.70 | Ewalct | 208 | 37 | 47 | 91 79 | 202 | 173 | 113 95 | 155 | 161 | 74 |  |  |  | 1176 |
| 813.10 8130 | Sirwa | 85 65 | 35 | 43 47 | 79 88 | 174 | 143 | 95 | 155 175 | 161 182 | 74 83 | 68 75 | 117 | 45 51 | 1176 |
| 813.20 81330 | Pinom | 68 | 38 33 | 47 40 | 85 72 | 191 | 166 | 106 87 | 175 | 182 147 | 83 67 | 63 | 117 90 | 40 | 1075 |
| 813.30 814.10 | Pukorkeben | 221 | 33 48 | 48 | 65 | 148 | 131 | 100 | 151 | 168 | 85 | 64 | 82 | 45 | 1140 |
| 814.10 814.20 | limbuskosop | $\stackrel{91}{201}$ | 43 | 45 | 69 | 152 | 128 | 95 | 147 | 159 | 78 | 63 | 84 | 43 | 1112 |
| 814.30 | MajiMazuri | 181 | 48 | 47 | 67 | 145 | 127 | 98 | 145 | 160 | 84 | 65 | 79 | 44 | 1114 |


| Cose | Levation <br> Name | $\begin{gathered} \operatorname{lin} d \\ \sin (k \ln 2) \end{gathered}$ | Monthly Mean Rainfall (mm) |  |  |  |  |  |  |  |  |  |  |  | Annual Mean (mm) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 17 | (b) | M. ${ }^{5}$ | 5 Ma | Y Jun | - | 1 Au |  |  | No | Dec |  |
| 814.40 | Koibutk | 243 |  |  | 40 | 6113 | 108 | 81 | 120 | 129 | - | 6 | 70 | 37 | 951 |
| 814.50 | EldamaRasine | 76 | 4 | 3 | 36 | 63139 | 116 | \$9 | 133 | 145 |  | 5 | 74 | 40 | 1028 |
| 814.60 | Kabiskoi | 71 | 4 | 1 | 36 | 64 141 | 116 | 88 | 133 | 144 | 17 | 6 | 76 | 40 | 1026 |
| 815.10 | lembusSoi | 190 | 3 | 2 | 35 | 58130 | 99 | 71 | 102 | 109 | - | 5 | 66 | 33 | 859 |
| 815.20 | Kakamor | 73 | 36 | 6 | 96 | 62139 | 109 | 80 | 121 | 128 | 6 | 6 | 73 | 36 | 935 |
| 815.30 | PokorKetwon | 133 | 3 | 4 | 76 | 60) 135 | 104 | 76 | 113 | 119 | 6 | 5 | 70 | 35 | 910 |
| 815.40 | PokarKebenSoi | 187 | 3 | 1 | 45 | 57128 | 95 | 68 | 93 | 103 | 5 | 5 | 64 | 31 | 828 |
| 815.50 | Kisamana | 31 | 26 | 6 | 0 5 | 54122 | 9 | 61 | 81 | 89 | 5 | 5 | 62 | 31 | 770 |
| 815.00 | Endorois | 573 | 2 | 73 | 15 | 54 124 | 88 | 62 | 89 | 92 | 5 | 56 | 61 | 29 | 170 |
| 816.10 | Chapuhap | 94 | 3 | 4 | 38 | $80 \quad 179$ | 146 | 99 | 16.4 | 172 | 7 | 65 | 103 | 46 | 1212 |
| 816.20 | Mangat | 275 | 3 | 54 | 38 | 31181 | 148 | 100 | 167 | 174 | 76 | 66 | 105 | 47 | 1228 |
| 816.30 | Lobus | 255 | 2 | 3 | 15 | 55125 | 88 | 63 | 91 | 93 | 5 | 56 | 61 | 29 | 715 |
| 816.40 | Afukutani | 530 | 2 | 2 | 5 | $54 \quad 123$ | 86 | 60 | 92 | 94 | 46 | 5 | 65 | 28 | 759 |
| 816.50 | Njemps | 316 | 3 | 4 | 27 | 78173 | 141 | 96 | 153 | 165 | 73 | 64 | 99 | 45 | 1174 |
| 817.10 | Korosi | 992 | 23 | 2 | 8 S6 | 56118 | 86 | 55 | 84 | 86 | 40 | 52 | 73 | 30 | 735 |
| 817.20 | Loiyamarok | 1037 | 22 | 2 | 5 | 57109 | 78 | 43 | 64 | 60 | 33 | 53 | 76 | 31 | 659 |
| 817.30 | Ribkuo | 1340 | 17 | 2 | 5 | 2 101 | 77 | 38 | 60 | 46 | 33 | 49 | 67 | 28 | 598 |
| 817.40 | Tinko | \$56 | 10 | 2 | 51 | 599 | 71 | 36 | 59 | 42 | 3 | 48 | 64 | 28 | 581 |
| 821.10 | Metkei | 38 | 38 | 4 | 86 | 6187 | 163 | 105 | 173 | 181 | 83 | 74 | 114 | 50 | 1307 |
| 821.20 | Kamuosor | 59 | 38 | 4 | 85 | $8 \quad 190$ | 166 | 106 | 175 | 182 | 84 | 75 | 116 | 51 | 1322 |
| 821.30 821.40 | Koibolia | 104 | 38 | 4 | 85 | \& 191 | 166 | 106 | 175 | 182 | 83 | 75 | 117 | 51 | 1322 |
| 821.40 821.50 | Chemoiben | 103 18 | 38 |  | 88 | 8191 | 166 | 106 | 375 | 182 | 83 | 75 | 117 | 51 | 1322 |
| 821.50 821.60 | Marichor Soy | 18 137 | 31 | 46 | 71 85 | 1140 | 140 | 101 | 165 | 173 | 79 | 56 | 68 | 31 | 1107 |
| 821.70 | Alosop | 137 | 31 | 46 | 71 | $\begin{array}{ll}1 & 181 \\ 1 & \end{array}$ | 161 | 105 | 173 | 180 | 83 79 | 72 | 107 | 47 | 1286 |
| 821.80 | Kibargoi | 96 | 36 | 47 | 35 | 5153 | 162 | 105 | 173 | 181 | 8 | 76 | 169 | 31 | 129 |
| 822.10 | Kitany | 87 | 37 | 47 | 87 | 7187 | 165 | 105 | 174 | 181 | 82 | 72 | 109 | 48 | 1290 |
| 822.20 | Mutei | 44 | 36 | 47 | 37 | 7134 | 164 | 101 | 165 | 170 | 81 | 74 | 113 | 50 48 | 1308 |
| 82230 | Irong | 37 | 34 | 47 | 86 | 6171 | 162 | 84 | 129 | 124 | 74 | 93 | 113 113 | 48 | 1279 |
| 822.40 | Kipluitong | 223 | 37 | 47 | 88 | 188 | 166 | 103 | 189 | 174 | 31 | 73 | 116 | 42 50 | 1164 |
| 822.50 82260 | Kapchemutwa | 115 | 35 | 47 | \$7 | 7178 | 163 | 92 | 146 | 145 | 77 | 86 | 114 | 45 | 1222 |
| 822.60 823.10 | Keu Koibarak | 116 | 38 | 47 | 88 | 3191 | 166 | 106 | 175 | 182 | 83 | 75 | 117 | 51 | 1322 |
| 823.20 | Moiben | 78 142 | 16 | 45 | 54 83 | 4106 3 | 87 154 | 42 | 70 | 52 | 38 | 50 | 6 | 29 | 643 |
| 823.30 | Arror | 99 | 19 | 28 | 57 | 7 1114 | 154 95 | 80 | 123 | 116 | 70 | 89 | 107 | 41 | 1108 |
| 824.10 | Cherangani | 145 | 33 | 48 | 89 | 181 | 180 | 49 101 | 81 | 132 | 43 101 | 52 | 71 | 32. | 712 |
| 824.20 | Senguer | 155 | 23 | 45 | 81 | 178 | 186 | 116 | 132 | 132 | 101 | 107 | 116 | 40 | 1265 |
| 824.30 825.10 | Lelan | 419 | 15 | 29 | 59 | 125 | 115 | 116 61 | 151 94 | 147 75 | 120 60 | 100 | 104 | 34 | 1295 |
| 825.10 825.20 | Mon | 64 | 14 | 23 | 49 | 45 | 77 | 34 | 57 | 36 | 60 33 | 62 46 | 76 60 | 29 | 808 |
| 825.20 825.30 | Alokoro Enso | SY | 14 | 23 | 49 | 95 | 77 | 34 | 57 | 36 | 33 | 46 | 60 | 27 | 557 557 |
| 825.40 | Embobut | 114 62 | 14 | 23 23 | 49 49 | 95 95 | 77 | 34 | 57 | 36 | 33 | 46 | 60. | 27 | 551 |
| 825.50 | Sambirir | 257 | 21 | 31 | 62 | 95 122 | 77 108 | 34 | 57 | 36 | 33 | 46 | 60 | 27 | 557 |
| 831.10 | Mogobich | 109 | 63 | 73 | 129 | 120 | 178 | 52 | 84 | 68 | 48 | 63 | 79 | 32 | 775 |
| 831.20 | Chebarus | 67 | 72 | 82 | 140 | 208 | 174 | 146 | 151 | 183 | 138 | 105 | 118 | 54 | 1539 |
| 831.30 | Chemelit | 149 | 72 | 81 | 140 | 207 | 157 | 113 | 113 | 137 | 108 | 93 | 121 | 70 | 1424 |
| 831.40 | Songhor | 199 | 64 | 70 | 117 | 18. | 151 | 113 | 114 | 137 | 109 | 97 | 120 | 70 | 1424 |
| 831.50 832.10 | Mileitci | 180 | 57 | 61 | 97 | 171 | 147 | 117 | 129 | 157 | 105 | 88 | 108 | 60 | 1350 |
| 832.10 832.20 | Kaptumo | 268 | 70 | 83 | 142 | 209 | 160 | 111 | 145 | 167 | 105 | 82 | 97 | 51 | 1302 |
| 832.20 832.30 | Chemurxa | 145 | 64 | 76 | 133 | 209 | 186 | 156 | 111 | 133 | 109 | 96 | 125 | 72 | 1427 |
| 832.30 832.40 | Kaptel | 174 | 66 | 80 | 139 | 220 | 197 | 162 | 162 | 195 | 147 | 112 | 122 | 54 | 1623 |
| 832.40 83250 | Kapkangaris | 93 | 81 | 108 | 178 | 285 | 256 | 185 | 183 | 214 | 153 | 119 | 126 | 57 | 1691 |
| 832.60 832.0 | Chepkumia Kemeloi | 72 | 85 | 115 | 189 | 305 | 271 | 191 | 186 | 218 | 183 | 159 169 | 150 157 | 79 | 2064 |
| 832.70 | Maraba | 135 | 78 | 104 96 | 173 | 264 | 214 | 137 | 132 | 154 | 135 | 130 | 148 | 88 | 2159 1762 |
| 833.10 | Sangalo | 131 | 71 | 96 | 162 | 233 | 171 | 98 | 92 | 108 | 101 | 100 | 141 | 90 | 1470 |
| 83320 | Kurguing | 61 | 47 | 63 | 158 | 241 173 | 215 | 168 | 177 | 208 | 160 | 131 | 132 | 64 | 1813 |
| 833.30 | Kipngoror | 43 | 41 | 61 | 95 | 171 | 177 | 130 | 170 | 193 | 115 | 86 | 88 | 42 | 1381 |
| 833.40 834.10 | Chepternai | 61 | 46 | 70 | 112 | 197 | 207 | 129 | 184 | 185 | 111 | 85 | 83 | 41 | 1352 |
| 834.10 834 | Kositai | 127 | 61 | 73 | 127 | 204 | 184 | 152 | 165 | 172 | 121 | 103 | 105 | 49 | 1470 |
| 834.20 834.30 | Ielmokno | 125 | 45 | 53 | 93 | 166 | 163 | 125 | 165 166 | 195 188 | 142 109 | 108 | 117 | 52 | 1586 |
| 834.40 834 | Kabiyct Kabjemit | 71 | 46 | 61 | 96 | 169 | 169 | 130 | 168 168 | 188 | 109 114 | 80 | 87 | 40 | 1325 |
| 835.10 | Kaplamai | 180 82 | 60 | 55 75 | 83 131 | 155 | 160 | 119 | 168 | 188 | 101 | 72 | 87 76 | 41 | 1360 1258 |
| 835.20 | Ofessos | 93 | 62 | 72 | 128 | 205 | 183 | 154 | 159 | 193 | 145 | 110 | 120 | 53 | 1596 |
| 835.30 | Kiutbioni | 90 | 65 | 78 | 135 | 213 | 171 | 150 | 156 | 189 | 141 | 106 | 118 | 52 | 1558 |
| 811.10 | Sugutasfarmar | 589 | 18 | 23 | 135 46 | 213 96 | 191 | 159 | 165 | 199 | 150 | 115 | 123 | 55 | 1653 |
|  |  |  |  |  | 4. | 96 | 72 | 41 | 66 | 71 | 31 | 46 | 67 | 27 | 612 |


| code | Location Name | $\begin{aligned} & \text { lind } \\ & \text { Area }(k m 2) \end{aligned}$ | Munthly Mican Rainfull (mm) |  |  |  |  |  |  |  |  |  |  |  | Annual Mean (mm) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Jin | T b | Mar | Aft | Mas | Jun | J 4 | Aug | Sep | Oct | Nov | Dec |  |
| 811.20 | Loosuk | 481 | 21 | 27 | 53 | 105 | 76 | 43 | 65 | 64 | 32 | 51 | 73 | 29 | 643 |
| 841.30 | Pero | 548 | 20 | 26 | 52 | 103 | 75 | 43 | 65 | 65 | 32 | 50 | 72 | 29 | 636 |
| 841.40 | Naralaluiban | 177 | 15 | 19 | 39 | 86 | 69 | 45 | 68 | 78 | 29 | 40 | 60 | 24 | 577 |
| 841.50 | AngataNanyukie | 693 | 22 | 27 | 50 | 95 | 60 | 38 | 54 | 58 | 26 | 47 | 69 | 26 | 576 |
| 841.60 | Opiroi | 479 | 20 | 26 | 45 | 91 | 59 | 42 | 60 | 67 | 28 | 46 | 66 | 25 | 585 |
| 811.70 | Kisima | 453 | 15 | 19 | 39 | 86 | 68 | 45 | 68 | 78 | 29 | 40 | 60 | 24 | 578 |
| 841.80 | Iodokejek | 579 | 17 | 22 | 41 | 85 | 62 | 49 | 72 | 82 | 32 | 43 | 61 | 23 | 594 |
| 812.10 | Serotevi | 2093 | 20 | 15 | 46 | 136 | 41 | 4 | 5 | 5 | 5 | 57 | 96 | 35 | 468 |
| 812.20 | Ngilai | 3285 | 19 | 20 | 46 | 111 | 54 | 28 | 40 | 45 | 20 | 52 | 77 | 28 | 545 |
| 812.30 | lodingokwe | 1036 | 21 | 23 | 50 | 96 | 59 | 39 | 54 | 63 | 26 | 50 | 84 | 37 | 607 |
| 842.40 | Wamba | 815 | 20 | 16 | $4)$ | 131 | 43 | 8 | 11 | 13 | 7 | 58 | 95 | 35 | 488 |
| 812.50 | Wasa | 2870 | 18 | 17 | 46 | 105 | 27 | 6 | 5 | 7 | 6 | 46 | 108 | 48 | 444 |
| 843.10 | Mati | 1210 | 22 | 28 | 57 | 109 | 71 | 42 | 64 | 60 | 33 | 53 | 76 | 30 | 658 |
| 843.20 | Nachola | $58:$ | 22 | 28 | 51 | 109 | 78 | 43 | 64 | 60 | 33 | 53 | 76 | 31 | 659 |
| 843.30 | Kowop | 851 | 22 | 23 | 56 | 109 | 75 | 41 | 62 | 59 | 32 | 53 | 76 | 30 | 649 |
| 813.40 | Nyiro | 1281 | 19 | 20 | 46 | 96 | 48 | 17 | 27 | 23 | 13 | 39 | 64 | 25 | 444 |
| 8.83 .50 | Nopoto | 1345 | 21 | 23 | 49 | 102 | 53 | 26 | 37 | 37 | 18 | 47 | 71 | 27 | 516 |
| 843.60 | Elbarta | 1211 | 22 | 23 | 53 | 99 | 62 | 38 | 54 | 56 | 27 | 49 | 71 | 27 | 594 |
| 843.70 | Arsim | 563 | 20 | 15 | 43 | 110 | 40 | 5 | 9 | 7 | 4 | 44 | 71 | 26 | 400 |
| 851.10 | Lokicheggio | 26.69 | 31 | 21 | 55 | S7 | 50 | 24 | 44 | 31 | 21 | 24 | 48 | 19 | 441 |
| 851.20 | Kalobeyei | 3012 | 11 | 21 | 55 | 87 | 50 | 24 | 44 | 31 | 21 | 24 | 48 | 19 | 441 |
| 851.30 | Pelekech | 8206 | 11 | 21 | 55 | 87 | 50 | 24 | 44 | 31 | 21 | 24 | 48 | 19 | 441 |
| 851.40 | Mogila | 507 | 11 | 21 | 55 | 87 | 50 | 24 | 44 | 31 | 21 | 24 | 48 | 19 | 441 |
| 852.10 | Ngikwatela | \$322 | 11 | 21 | 53 | 85 | 49 | 22 | 41 | 28 | 20 | 23 | 47 | 19 | 423 |
| 852.20 | Kaating | 7113 | 11 | 29 | 45 | S2 | 45 | 19 | 33 | 21 | 15 | 20 | 43 | 17 | 379 |
| 852.30 | Ngisiger | 3238 | 10 | 19 | 12 | 77 | 39 | 13 | 23 | 12 | 9 | 16 | 39 | 15 | 321 |
| 853.10 | Ngikajik | 4852 | 9 | 17 | 16 | so | 46 | 19 | 38 | 25 | 18 | 21 | 42 | 18 | 384 |
| 853.20 | Ngisit | 1150 | 5 | 15 | 34 | 74 | 42 | 15 | 30 | 18 | 14 | 18 | 37 | 17 | 332 |
| 853.30 | Kalokol | 2532 | 10 | 17 | 39 | 75 | 39 | 13 | 24 | 12 | 10 | 16 | 37 | 15 | 314 |
| 853.40 | Kangatotiza | 4948 | 10 | 15 | 36 | 74 | 47 | 19 | 36 | 21 | 17 | 25 | 41 | 19 | 364 |
| 853.50 | Lodwar | 1745 | 7 | 12 | 34 | 71 | 41 | 14 | 31 | 18 | 14 | 17 | 34 | 17 | 314 |
| 853.60 | Kinio | 2763 | 15 | 22 | 49 | 93 | 71 | 31 | 52 | 31 | 29 | 43 | 60 | 26 | 530 |
| 854.10 | lerengippi | 2260 | 7 | 12 | 34 | 71 | 41 | 14 | 31 | 18 | 14 | 17 | 34 | 17 | 315 |
| 854.20 | Kalapara | 2172 | 7 | 12 | 32 | 68 | 38 | 12 | 29 | 16 | 12 | 16 | 33 | 16 | 296 |
| 854.30 | Kuputis Ng ingboto | 3511 | 10 | 17 | 42 | 86 | 63 | 27 | 48 | 31 | 26 | 33 | 43 | 22 | 458 |
| 854.40 | lobokat | 1913 | 14 | 22 | 49 | 95 | 77 | 34 | 57 | 36 | 33 | 46 | 60 | 27 | 556 |
| 855.10 | Lometo | 2145 | 20 | 27 | 55 | 105 | 77 | 40 | 62 | 54 | 33 | 51 | 72 | 29 | 631 |
| 855.20 | Loriu | 2762 | 20 | 26 | 54 | 104 | 76 | 39 | 60 | 52 | 32 | 50 | 11 | 29 | 617 |
| 855.30 | Ngibifa | 1699 | 22 | 23 | 57 | 109 | 78 | 43 | 64 | 60 | 33 | 53 | 76 | 31 | 659 |
| 861.10 | Kapenguria | 383 | 16 | 31 | 61 | 149 | 151 | 93 | 135 | 118 | 98 | 69 | 79 | 25 | 1030 |
| 861.20 | Riwa | 521 | 13 | 27 | 55 | 136 | 134 | 50 | 121 | 101 | 84 | 60 | 71 | 23 | 911 |
| \$61.30 | Lelan | 560 | 19 | 36 | 68 | 164 | 171 | 107 | 153 | 135 | 111 | 81 | 91 | 28 | 1166 |
| 862.10 | Kipkomo | 500 | is | 35 | 64 | 166 | 174 | 109 | 160 | 137 | 113 | 79 | 92 | 27 | 1180 |
| 862.20 | Sook | 986 | 14 | 28 | 57 | 141 | 140 | 84 | 126 | 106 | 88 | 63 | 74 | 24 | 950 |
| 862.30 | Batei | 273 | 20 | 33 | 88 | 179 | 190 | 121 | 176 | 152 | 124 | 87 | 100 | 28 | 1289 |
| 863.10 | Weixel | 251 | 14 | 26 | 58 | 130 | 122 | 66 | 102 | 83 | 69 | 58 | 71 | 25 | 829 |
| 863.20 | Lomat | 430 | 12 | 23 | 51 | 108 | 93 | 44 | 72 | 53 | 45 | 48 | 61 | 25 | 642 |
| 863.30 | Sekert | 497 | 12 | 24 | 53 | 119 | 167 | 54 | 86 | 68 | 57 | 52 | 65 | 24 | 726 |
| 863.40 | Muino | 139 | 14 | 27 | 57 | 132 | 125 | 68 | 105 | 86 | 71 | 59 | 73 | 25 | 847 |
| 883.50 | Masol | 589 | 12 | 23 | 52 | 109 | 94 | 45 | 72 | 54 | 46 | 48 | 62 | 25 | 647 |
| 863.60 | Cheptulel | 94 | 14 | 23 | 49 | 96 | 75 | 35 | 58 | 37 | 33 | 46 | 60 | 27 | 560 |
| 864.10 | Suam | 357 | 13 | 27 | 55 | 136 | 134 | 80 | 121 | 101 | 84 | 60 | 71 | 23 | 911 |
| 864.20 | Kapctiok | 688 | 13 | 27 | 55 | 136 | 131 | 80 | 121 | 101 | 84 | 60 | 71 | 23 | 918 |
| 864.30 | Kasei | 637 | 10 | 20 | 45 | 106 | 91 | 49 | 79 | 62 | 51 | 40 | 54 | 20 | 633 |
| 865.10 | Kivawa | 736 | צ | 15 | 39 | 86 | 62 | 29 | 51 | 37 | 30 | 27 | 42 | 18 | 449 |
| 865.20 | Kases | 389 | 8 | 15 | 39 | 85 | 61 | 28 | 50 | 36 | 29 | 26 | 42 | 18 | 440 |
| 865.30 | Alate | 476 | 9 | 16 | 40 | 90 | 69 | 34 | 58 | 43 | 35 | 30 | 45 | 19 | 493 |
| 865.40 | Akorel | 415 | 7 | 12 | 34 | 71 | 41 | 14 | 31 | 18 | 14 | 17 | 34 | 17 | 314 |
| 885.50 | Chemorongit | 279 | 7 | 12 | 34 | 71 | 41 | 14 | 31 | 18 | 14 | 17 | 34 157 | 17 | 314 |
| 911.10 | 1. Fandanyi | 35 | 53 | 87 | 158 | 253 | 253 | 127 | 106 | 125 | 143 | 145 | 156 | 68 | 1685 |
| 918.20 | Lwakhakha | 22 | 52 | 87 | 157 158 | 257 | 254 | 128 135 | 1112 | 125 | 142 | 143 | 156 153 | 67 | 1697 |
| 911.30 911.40 | Sinisia | 76 | 53 52 | \$8 | 158 158 | 257 256 | 258 | 133 133 | 111 | 124 | 140 | 143 | 154 | 67 | 1691 |
| 911.50 | Norihliukusu | 144 | 61 | S9 | 165 | 270 | 263 | 152 | 118 | 143 | 146 | 152 | 151 | 72 | 1788 |
| 912.10 | Westlibkusu | 178 | 56 | \$5 | 158 | 263 | 243 | 122 | 101 | 131 | 149 | 153 | 160 | 71 | 1697 |
| 912.20 | Bumaia | 86 | 59 | 85 | 160 | 267 | 245 | 130 | 104 | 138 | 150 | 155 | 158 | 72 | 1731 |
| 912.30 | Southlsukusu | 67 | 63 | 87 | 16.5 | 273 | 255 | 147 | 113 | 147 | 150 | 156 | 154 | 74 | 1789 |


|  | Leration Name | $\begin{gathered} \text { land } \\ \text { Arca }(\mathrm{km} 2) \end{gathered}$ | Monthly Mean Kainfall (mm) |  |  |  |  |  |  |  |  |  |  |  | Annual <br> fean (mm) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cose |  |  | Jan | 1 E | M.t. | Ar | $\mathrm{M}^{13}$ | Jun | Ju | Aug |  | (1) | No | Dec |  |
| 912.40 | Kandiyi | 112 | 60 | 87 | 163 | 265 | 253 | 141 | 71 | 840 | T48 | 153 | 155 | 72 | 1758 |
| 91250 | Eastrulusu | 210 | 59 | s8 | 163 | 267 | 261 | 148 | 117 | 140 | 145 | 150 | 151 | 71 | 1768 |
| 913.10 | Kimutili | 179 | 46 | 76 | 135 | 226 | 231 | 130 | 121 | 139 | 137 | 130 | 131 | 58 | 1553 |
| 913.20 | Bekoli | 224 | 53 | 87 | 157 | 256 | 257 | 136 | 113 | 128 | 141 | 143 | 152 | 67 | 1697 |
| 914.10 | Nuivisi | 127 | 49 | 78 | 135 | 227 | 232 | 134 | 130 | 149 | 136 | 128 | 130 | 57 | 1590 |
| 914.20 | Webuye | 134 | 52 | 86 | 152 | 249 | 251 | 134 | 119 | 133 | 139 | 238 | 147 | 65 | 1671 |
| 915.10 | Naitiri | 200 | 40 | 63 | 110 | 192 | 202 | 127 | 131 | 156 | 132 | 116 | 107 | 43 | 1424 |
| 915.20 | Ndalu | 188 | 35 | 52 | 87 | 162 | 175 | 122 | 144 | 170 | 122 | 98 | 84 | 34 | 1292 |
| 916.10 | Cheptais | 374 | 52 | 87 | 156 | 255 | 256 | 131 | 110 | 125 | 141 | 143 | 154 | 67 | 1683 |
| 916.20 | ElgriCentral | 89 | 52 | 87 | 156 | 255 | 257 | 134 | 112 | 126 | 140 | 143 | 152 | 67 | 1688 |
| 917.00 | Eigon | 468 | 44 | 71 | 126 | 213 | 221 | 129 | 124 | 145 | 135 | 125 | 122 | 51 | 1512 |
| 921.10 | Nortitcso | 123 | 53 | 86 | 157 | 258 | 249 | 124 | 104 | 126 | 144 | 148 | 158 | 69 | 1682 |
| 921.20 | Central Teso | 91 | 54 | 84 | 156 | 260 | 237 | 113 | 96 | 128 | 149 | 153 | 163 | 71 | 1668 |
| 921.30 | Fasteso | 145 | 55 | 84 | 157 | 262 | 238 | 116 | 97 | 131 | 150 | 1ss | 162 | 11 | 1684 |
| 921.40 | Westieso | 74 | 55 | 81 | 154 | 262 | 224 | 100 | 86 | 130 | 155 | 159 | 188 | 73 | 1652 |
| 921.50 | SouthTeso | 167 | 56 | 81 | 155 | 263 | 223 | 101 | 86 | 132 | 155 | 160 | 168 | 73 | 1657 |
| 922.10 | Easturhayo | 92 | 61 | 86 | 162 | 270 | 248 | 137 | 107 | 143 | 151 | 157 | 157 | 73 | 1757 |
| 922.20 | Centrallukhayo | 7 | 58 | 82 | 156 | 263 | 230 | 113 | 93 | 133 | 150 | 156 | 162 | 73 | 1675 |
| 922.30 | Westrukiayo | 236 | $5 \%$ | 77 | 150 | 257 | 209 | S9 | 78 | 125 | 150 | 156 | 167 | 73 | 1593 |
| 922.40 | Marachiliast | 110 | 6 | 83 | 161 | 269 | 242 | 138 | 106 | 143 | 145 | 152 | 152 | 74 | 1736 |
| 922.50 | Marachicerisal | 82 | 58 | 7 | 151 | 257 | 212 | 96 | 82 | 126 | 145 | 152 | 162 | 33 | 1597 |
| 922.60 | Marachivest | 60) | 59 | 71 | 145 | 246 | 197 | 87 | 75 | 113 | 129 | 138 | 155 | 72 | 1494 |
| 923.10 | SamiaNonh | 122 | 56 | 76 | 149 | 255 | 206 | 87 | 76 | 123 | 147 | 153 | 165 | 73 | 1573 |
| $923.20$ | SaniaSouth | 156 | 54 | 64 | 135 | 229 | 173 | 66 | 61 | 93 | 109 | 121 | 149 | 71 | 1334 |
| $\begin{aligned} & 924.10 \\ & 924.20 \end{aligned}$ | EastBunyata | 50 | 61 | 53 | 122 | 204 | 141 | 47 | 41 | 65 | 73 | 90 | 133 | 68 | 1111 |
| 924.30 | Soutibisunjala | 27 | 60 | 55 | 129 | 216 | 157 | 57 | 54 | 79 | 91 | 105 | 14) | 69 | 1220 |
| 931.10 | NorthBunyore | 38 | 73 | 100 | 170 | 203 | 138 | 50 | 44 | 62 | 69 | 85 | 130 | 68 | 1059 |
| 931.20 | Easibunjore | 37 | 70 | ${ }_{6}$ | 176 | 252 241 | 198 183 | 115 | 107 | 125 | 118 | 115 | 151 | 93 | 1621 |
| 931.30 | WestBunjore | 54 | 70 | 95 | 164 | 241 | 183 | 100 | 90 91 | 106 | 105 105 | 104 | 149 | 93 98 | 1510 |
| 931.40 | SouthBunyore | 46 | 57 | 79 | 133 | 219 | 143 | 74 | 53 | 70 | 79 | 185 | 135 | 97 | 1215 |
| 932.10 | EastMaragel | 25 | ss | 116 | is9 | 307 | 272 | 192 | 187 | 218 | 184 | 170 | 157 | 88 | 1215 2168 |
| 932.20 | NorthMaragoli | 33 | 73 | 100 | 169 | 252 | 195 | 115 | 106 | 124 | 118 | 114 | 151 | ${ }_{93}$ | 2168 1617 |
| $932.30$ | ${ }^{\text {WrestMaragoti }}$ | 30 | 83 | 113 | 156 | 293 | 261 | 180 | 174 | 203 | 173 | 161 | 155 | 87 | 2081 |
| $\begin{aligned} & 932.40 \\ & 932.50 \end{aligned}$ | Essava ${ }_{\text {conal Maragoli }}$ | 41 | 73 | 99 | 169 | 251 | 197 | 114 | 106 | 124 | 117 | 114 | 151 | 93 | 1613 |
| 932.60 | SothMaragoii | 51 | 62 | 97 88 | 106 150 | 242 229 | 184 160 | 101 | 42 | 108 | 106 | ${ }^{108}$ | 150 | 94 | 1518 |
| 933.10 | Shamathoktho | 113 | 84 | 115 | 185 | 229 | 160 267 | 86 186 | ${ }^{69} 181$ | 86 | 91 179 | 193 | 141 | 84 | 1345 |
| 933.20 | Banja | 22 | 71 | 92 | 157 | 219 | 152 | ${ }_{79}$ | ${ }^{181} 73$ | 218 | 179 85 | 168 87 | 137 |  | 2128 <br> 135 <br> 1 |
| 933.30 | Tambua | 43 | 72 | 92 | 158 | 218 | 151 | 78 | 73 | 85 | 88 | 87 | 138 | 91 | 1335 <br> 1327 <br> 1325 |
| 933.40 93410 | Gisambai | 39 | 69 | 90 | ISA | 220 | 152 | 80 | 11 | 84 | 85 | 87 | 137 | 81 | 1327 1325 |
| 9334.20 | Casusukfa | 168 | \$8 | 122 | 193 | 312 | 274 | 195 | 201 | 230 | 190 | 172 | 160 | 88 | 229 |
| 934.30 | Wesilsuhta | ${ }_{6}^{65}$ | 81 | 120 108 | 192 | 310 | 273 | 194 | 196 | 226 | 188 | 171 | 159 | 87 | 2209 |
| 934.40 | Norhiddakho | 76 | 81 | 109 | 185 | 301 | 271 | 187 | 170 | 204 | 175 | 168 | 154 | 83 | 2092 |
| 934.50 | Southdakho | 59 | 85 | 116 | 185 189 | 301 | 271 | 187 | 171 | 205 | 176 | 163 | 155 | 83 | 2097 |
| 935.10 | Bunyala | 175 | 62 | 16 89 | 189 160 | 265 | 272 | 192 | 187 | 218 | 184 | 170 | 157. | 86 | 2168 |
| 935.20 93530 | NonhButsotso | 99 | 29 | 103 | 181 | 297 | ${ }_{269} 2$ | 184 | 131 | 157 194 | 147 | 147 | 145 | 71 | 1791 |
| 935.30 93540 | Southoutsolso | 102 | 80 | 104 | 181 | 296 | 266 | 181 | 158 | 194 | 169 | 168 | 152 | 82 | 2040 |
| 935.40 936.10 | KakamegaMunicipality | 47 | 81 | 108 | 155 | 301 | 271 | 187 | 170 | 204 | 179 | 165 | ${ }_{1}^{153}$ | 82 83 | 2039 2093 |
| 936.20 | Cornitalkabras | 108 | 52 | 82 | 139 | 233 | 236 | 136 | 137 | 155 | 135 | 127 | 132 | 61 | 2093 1630 |
| 936.30 | WesiKabras | 1108 | 53 | 85 | 143 | 239 | 240 | 138 | 136 | 154 | 138 | 130 | 136 | 62 | 1658 |
| 936.40 | SouthKabras | 171 | 8 | 112 | 188 | 273 | 270 | 164 | 141 | 174 | 155 | 155 | 146 | 75 | 1891 |
| 937.10 | Nzoia | 97 | ${ }_{3}$ | 112 | 186 | 302 | 270 | 188 | 179 | 210 | 178 | 167 | 155 | 84 | 2118 |
| 937.20 | Soy | 204 | 33 | 48 |  |  | 179 | 107 | 136 | 143 | 107 | 104 | 107 | 38 | 1273 |
| 931.30 | lumakanda | 149 | 35 | St | 71 | 148 | 150 | 109 | 168 | 183 | 89 | 61 | 64 | 31 | 1147 |
| 937.40 | Chekalini | 116 | 36 | 52 | 82 | 156 | 159 | 1122 |  | 191 | 97 | 67 | 65 | 32 | 1196 |
| ${ }_{9}^{938.10}$ | EasiKisa | 56 | 85 | 116 | 159 | 307 | 272 | 122 | 154 | ${ }_{218}^{182}$ | 116 | 88 | ${ }^{78}$ | 34 | 3279 |
| 938.30 | Mundek Isika | 66 | 76 | 94 | 169 | 275 | 236 | 150 | 136 | 165 | 184 | 176 | 148 | 88 | 2168 1827 |
| 939.10 | NortMarama | 95 | 72 | 80 | 146 | 273 | 200 | 109 | 85 | 113 | 110 | 123 | 148 138 | 80 73 |  |
| 939.20 | Centramarama | 47 | 71 | 88 | 165 | 272 | 242 | 152 | 119 | 154 | 141 | 148 | 145 | 77 | 178 |
| 939.30 | SouthMarana | 63 | 67 | 8 | 146 | 274 | 200 | 157 | 115 | 152 | 142 | 151 | 145 | 76 | 1786 |
| 933000 A. 1 | NorhWanga | 114 | 63 | 88 | 180 | 272 | 260 | 109 | ${ }^{85}$ | 113 | 110 | 123 | 138 | 73 | 1483 |
| 930.00 A 2 | EasiWanga | 148 | 68 | 92 | 171 | 280 | 265 |  | 118 | 147 | 148 | 154 | 151 | 73 | 1800 |
| $930.00 \mathrm{A.3}$ 93000 A | WestWanga | 126 | 64 | 86 | 164 | 272 | 253 | 165 | 113 | 161 | 153 | 158 | 150 | 76 | 1874 |
| $930.00 ~ A . ~$ | CentralWanga South Wanga | 106 100 | 6 | 89 | 168 | 271 | 264 | 162 | 121 | 134 | 148 | 155 | 152 | 74 | 1783 |
|  | Sema | 100 | 68 | 76 | 154 | 256 | 220 | 127 | 9 | 130 | 126 | 137 | 150 | 74 74 | 1834 1613 |

2.5 Monthly Rainfall Data





| $\begin{gathered} \text { Station } \\ \text { No. } \\ \hline \end{gathered}$ | 8535000 |  |  |  |  |  |  |  |  | (Unit : 0.1 mm ) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Month |  |  |  | Mean |  |  |  |  |  |  | Annual Mean |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oct. | Nov. | Dec. |  |
| 1959 |  |  | 581 | 1235 | 353 |  |  | 198 |  | 18 | 498 |  |  |
| 1960 | 873 | 40 | 726 | 650 |  |  | 109 |  |  | 13 | 498 | 102 |  |
| 1961 |  | 10 | 867 | 405 | 582 | 554 | 913 | 374 |  | 937 | 3017 | 1351 |  |
| 1962 | 25 |  | 685 | 102 | 816 | 155 |  |  |  |  | 1349 | 13 |  |
| 1963 | 20 | 332 | 307 | 1515 | 571 |  | 139 | 137 |  |  | 2597 | 214 |  |
| 1964 | 125 | 84 | 699 | 1038 |  | 112 | 59 | 287 | 5 |  | 142 | 1109 |  |
| 1965 | 8 | 112 | 556 | 595 | 5 |  |  |  |  | 13 | 1227 |  |  |
| 1966 |  | 1225 | 1133 | 2510 | 343 |  | 4 | 279 |  | 368 | 757 |  |  |
| 1967 |  | 178 | 358 | 1192 | 1450 | 165 | 1668 |  | 107 | 221 | 493 |  |  |
| 1968 |  | 570 | 710 | 2017 | 1260 | 424 | 140 |  |  | 59 |  | 81 |  |
| 1969 | 52 | 896 | 262 | 46 | 883 |  |  |  |  | 260 | 100 |  |  |
| 1970 | 950 |  | 441 | 1620 | 254 |  |  | 132 |  | 319 |  | 167 |  |
| 1971 | 90 |  |  | 1088 | 595 | 39 | 202 | 36 |  | 98 | 267 |  |  |
| 1972 |  | 186 | 6 | 9 | 56 | 481 |  |  | 160 | 185 | 459 | 248 |  |
| 1973 | 65 |  |  | 435 | 275 |  |  |  | 294 |  | 346 |  |  |
| 1974 | 150 | 100 | 600 | 1262 | 940 |  | 148 | 251 |  | 35 | 45 |  |  |
| 1975 | 28 |  |  | 1114 | 440 | 238 | 97 |  | 123 | 185 |  |  |  |
| 1976 | 70 | 436 |  | 330 |  | 82 | 148 |  | 178 |  | 479 |  |  |
| 1977 | 362 | 98 | 320 | 2100 | 1160 | 92 |  |  |  | 692 | 569 |  |  |
| 1978 |  | 810 | 590 | 232 |  |  | 60 |  |  | 90 | 115 | 2000 |  |
| 1979 |  | 871 | 306 | 1337 | 213 | 1630 |  |  | 50 | 141 | 772 | 70 |  |
| 1980 | 230 |  | 80 | 1463 | 991 |  |  |  |  |  |  |  |  |
| 1981 |  | 512 | 2061 | 1034 |  |  | 28 | 276 |  | 142 |  |  |  |
| 1932 |  | 3 | 682 | 2557 | 703 |  |  |  |  |  | 700 | 385 |  |
| 1983 |  |  |  |  |  |  |  |  |  |  |  | 177 |  |
| 1985 | 247 |  | 340 | 1164 |  |  | 62 |  |  |  | 66 | 25 |  |
| 1986 |  | 20 | 929 | 696 | 67 | 506 |  | 34 |  |  | 20 | 33 |  |
| 1987 |  | 321 | 56 | 734 | 210 | 215 | 15 |  |  |  | 177 |  |  |
| 1988 | 70 |  | 40 | 1372 |  | 175 | 344 | 305 | 593 | 520 |  |  |  |


| Station No. | 8535001 |  |  |  |  |  |  |  | (Unit: 0.1 mm ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  | Mean |  |  |  |  |  | Annual <br> Dec. Mean |  |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oci. | Nov. |  |  |
| 1959 |  |  |  |  |  |  |  |  |  |  | 31 |  |  |
| 1960 | 127 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1961 |  |  | 364 | 507 | 279 | 38 | 216 | 422 | 25 | 179 | 2432 | 910 |  |
| 1962 |  |  | 795 | 420 | 2477 | 223 | 3 | 5 |  | 254 | 558 | 114 |  |
| 1953 | 124 | 233 | 300 | 847 | 242 |  |  | 38 |  |  | 1549 | 800 |  |
| 1964 |  | 656 | 1031 | 914 |  |  | 939 | 254 | 254 |  |  | 140 |  |
| 1965 | 305 |  | 312 | 647 |  |  |  |  |  |  |  | 127 |  |
| 1966 |  | 1447 | 1524 | 2272 | 356 |  |  | 724 | 220 | 259 | 96 |  |  |
| 1967 |  | 51 | 1346 | 2280 | 3094 | 284 | 2987 |  | 221 | 409 | 1769 | 117 |  |
| 1968 |  | 194 | 404 | 2231 | 408 | 38 | 38 |  |  | 5 |  | 127 |  |
| 1969 | 798 | 1306 | 810 | 729 | 2305 |  |  |  | 96 | 455 | 315 |  |  |
| 1970 | 671 |  | 665 | 1250 | 132 | 10 | 55 |  |  | 127 |  | 77 |  |
| 1971 |  |  |  | 1161 | 655 | 20 |  | 229 |  |  | 110 | 332 |  |
| 1972 |  | 56 | 25 | 337 |  | 328 |  |  | 25 | 465 | 1206 | 10 |  |
| 1973 | 28 |  | 8 | 352 | 676 |  |  |  |  |  |  |  |  |
| 1976 |  |  |  |  | 100 | 115 |  |  |  | 5 | 422 | 110 |  |
| 1977 | 328 | 13 | 67 | 682 | 280 |  |  |  |  |  |  |  |  |
| 1978 | 132 | 390 | 343 | 69 |  |  | 9 | 47 | 565 | 106 | 808 | 696 |  |
| 1979 |  | 193 | 696 | 50 | 256 | 477 | 25 | 45 |  | 306 | 216 |  |  |
| 1980 | 60 | 52 | 111 | 419 | 686 |  |  |  |  | 3 | 730 |  |  |
| 1981 |  | 35 | 1933 |  |  |  | 87 | 55 |  |  |  |  |  |
| 1982 |  | 241 | 547 | 350 | 360 | 21 | 31 | 350 |  | 333 | 416 | 233 |  |
| 1983 | 12 |  | 67 | 676 |  | 20 | 28 |  |  | 37 | 147 |  |  |
| 1984 |  | 85 |  | 448 | 187 |  | 120 |  | 260 |  | 903 | 188 |  |
| 1985 | 52 | 62 | 534 | 607 | 59 |  | 96 |  |  | 108 | 265 |  |  |
| 1986 |  |  | 994 | 734 | 140 | 387 |  | 10 | 20 | 74 | 156 | 212 |  |
| 1987 | 17 | 324 | 1036 | 1273 | 462 | 335 |  |  |  | 15 | 187 |  |  |
| 1988 |  | 46 | 67 | 1567 | 12 |  | 316 | 366 | 172 | 528 |  | 71 |  |





| Station No. | 8536000 |  |  |  |  |  |  |  | (Unit: 0.1 mm ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  | Mean |  |  |  |  |  | Annual Doc. Mean |  |
| Yeat | Jan: | Feb. | Mar. | Apr . | May | Jun | Jul. | Aug. | Sep | Oct. | Nov. |  |  |
| 1959 |  |  |  |  | 769 |  |  |  |  | 20 | 147 | 102 |  |
| 1960 | 78 | 272 | 888 | 247 | 30 |  | 736 |  | 25 | 150 | 300 | 325 |  |
| 1961 | 20 | 142 | 597 | 769 | 229 | 105 | 333 | 63 |  | 575 | 2992 | 1340 |  |
| 1962 | 274 | 20 | 483 | 280 | 1560 | 313 | 76 |  |  | 97 | 380 | 140 |  |
| 1963 | 717 | 236 | 556 | 981 | 56 |  |  | 8 | 25 |  | 1437 | 620 |  |
| 1964 |  |  | 664 | 622 |  | 152 |  |  |  | 264 | 219 | 503 |  |
| 1965 | 226 |  | 584 | 363 |  |  |  |  |  | 303 | 269 | 89 |  |
| 1966 |  | 300 | 830 | 1008 | 168 |  |  | 328 |  | 165 |  |  |  |
| 1967 |  | 127 | 600 | 1442 | 1369 |  | 698 |  |  | 13 | 1158 | 127 |  |
| 1968 | 46 | 1717 | 937 | 1141 | 25 |  |  |  |  | 245 | 140 | 1096 |  |
| 1969 | 1625 | 94 | 312 | 152 | 631 |  |  |  |  | 391 | 261 | 410 |  |
| 1970 | 370 | 5 | 919 | 2002 | 409 |  |  |  |  | 90 |  | 110 |  |
| 1971 | 142 | 51 | 163 | 1226 | 843 |  |  |  |  |  | 178 | 84 |  |
| 1972 |  | 655 |  | 766 | 55 | 100 |  |  | 143 385 | 1245 | 668 500 | 84 |  |
| 1973 | 105 |  |  | 388 | 195 |  | 460 |  | 386 | 129 48 | 500 |  |  |
| 1974 | 9 | 111 | 919 | 753 | 552 |  | 184 | 302 |  | 48 |  | 32 |  |
| 1975 | 453 | 60 | 170 | 1342 |  |  |  |  |  |  | 408 | 20 |  |
| 1976 | 32 | 272 | 125 | 754 | 119 | 26 |  |  |  | 152 | 308 | 20 |  |
| 1977 | 236 | 307 | 84 | 1744 |  |  |  |  |  |  | 130 | 1135 |  |
| 1978 | 353 | 184 | 913 | 339 |  |  | 105 |  | 150 90 |  | 580 | 1734 |  |
| 1979 | 260 | 924 | 866 | 1240 |  | 330 | 105 | 9 | 90 | 238 | 687 | 81 |  |
| 1980 |  |  | 229 | 864 | 621 |  |  |  |  | 195 | 181 | 61 |  |
| 1981 |  | 560 | 1535 | 2625 | 275 | 172 | 41 | 28 |  | 914 | 1279 | 362 |  |
| 1982 | 104 | 152 | 451 | 832 | 560 |  | 8 |  | 118 | 143 | 350 | 70 |  |
| 1983 | 20 | 190 | 225 |  | 108 | 60 | 128 | 245 | 118 |  | 972 | 240 |  |
| 1984 | 5 | 131 | 104 | 713 | 78 |  |  |  | 279 | 263 | 972 | 240 |  |
| 1985 | 335 | 155 | 624 | 849 | 180 | 2 |  |  |  | 143 | 595 | 305 |  |
| 1986 |  |  | 831 | 650 | 38 |  |  |  |  | 143 | 414 | 305 |  |
| 1987 | 404 | 310 | 682 |  | 715 | 103 |  |  |  | 604 | 51 | 375 | 3899 |
| 1988 | 251 | 187 | 141 | 942 | 16 | 188 | 960 | 59 | 12.5 | 604 | 51 | 375 | 389 |





Station 8638000


Station
8639000




| Station | 8736000 |  |  |  |  |  |  |  | (Unit: 0.1 mm ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  | Mean |  |  | Sep | Ot. | Nov. | Dec. | Annual Mean |
| Year | Jani. | Fcb. | Mar. | Apr. | May | Jun | Jul. | Aug. |  |  |  |  |  |
| 1959 |  |  |  |  |  |  |  |  |  | 71 | 298 | 204 |  |
| 1960 | 312 |  | 1357 | 89 |  |  | 127 | 64 |  | 226 | 247 | 25 |  |
| 1961 | 64 |  | 160 | 899 | 402 | 49 | 71 | 1127 | 117 | 1678 | 3644 | 756 |  |
| 1962 | 572 |  | 284 | 856 | 527 |  |  |  |  | 284 | 1084 | 490 |  |
| 1963 | 89 | 38 | 823 | 1766 | 11 |  |  |  |  |  | 984 |  |  |
| 1973 | 775 |  |  | 188 | 266 |  | 335 | $\therefore 119$ | 33 | 160 | 1371 312 | 158 |  |
| 1974 |  |  | 1552 | 602 |  |  |  | 119 |  |  | 331 81 |  |  |
| 1975 | 326 |  |  | 624 118 | 1005 74 | 459 31 | 112 |  |  | 750 | 81 | 60 |  |
| 1976 |  |  | 38 200 | 118 4480 | 74 1600 | 31 | 71 |  |  | 100 | 4220 | 650 |  |
| 1977 | 500 280 | 200 400 | 200 1670 | 4480 450 | 1600 |  | 57 | 270 | 500 | 1270 | 1185 |  |  |
| 1979 | 1390 | 180 | 740 | 856 | 78 | 184 |  |  |  | 240 |  | 200 |  |
| 1980 | 48 |  |  | 1500 | 863 |  |  |  |  | 4 | 35 |  |  |
| 1981 | 37 |  |  | 3258 | 956 |  |  | 7 |  |  | 35 | 735 |  |
| 1982 |  | 20 |  | 2089 | 520 |  |  |  |  | 1157 | 44 | 255 |  |
| 1983 |  |  |  | 148 45 | 190 265 | 40 | 25 | 529 | $\begin{aligned} & 30 \\ & 30 \end{aligned}$ | 166 | 1230 | 1460 |  |
| 1984 | 100 |  | 1347 | 45 | 265 |  |  |  |  |  |  |  |  |
| 1986 |  |  | 138 |  |  |  |  |  |  |  | 197 |  |  |
| 1987 |  | . |  | 195 | 6. | 17 |  |  |  | 50 |  |  |  |
| 1988 |  |  | 2201 | 944 |  |  | 380 | 60 |  | 50 |  |  |  |





| Station No. | 8740000 |  |  |  |  |  |  |  | (Unit: 0.1 mm ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Monih |  |  |  |  | Mean |  |  |  |  |  |  | Annual |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oct. | Nov. | Dec. | Mean |
| 1959 |  |  |  | 254 | 176 |  |  | 20 |  | 404 | 1218 | 470 |  |
| 1960 |  |  | 2404 | 991 | 152 |  |  |  |  | 1130 | 242 | 8 |  |
| 1961 |  |  | 256 | 888 | 241 |  | 64 | 432 | 343 | 674 | 3127 |  |  |
| 1962 |  |  | 211 | 2236 | 127 |  |  |  |  | 343 | 76 | 129 |  |
| 1953 | 89 |  | 178 | 1955 | 243 |  | 102 |  | 132 |  | 645 | 668 |  |
| 1964 | 539 |  | 56 | 1603 | 28 |  | 114 | 102 |  | 102 | 25 | 1143 |  |
| 1965 |  |  |  | 866 |  | 18 |  |  |  | 254 | 1685 | 46 |  |
| 1966 | 13 | 135 | 114 | 1171 | 48 | 63 |  |  |  | 509 | 10 |  |  |
| 1967 |  |  | 18 | 980 | 635 |  |  | 25 |  | 16 | 848 |  |  |
| 1968 |  |  | 638 | 1932 | 391 |  | 292 | 5 |  | 982 | 1619 714 | 1346 |  |
| 1969 | 101 | 122 | 1732 | 620 | 348 | 98 | 78 |  |  | 250 | 714 |  |  |
| 1970 | 58 |  | 887 | 1756 | 146 |  |  |  |  | 514 |  |  |  |
| 1971 |  |  | 24 | 1227 |  |  |  |  |  | 549 | 459 |  |  |
| 1972 | 15 |  | 32 | 874 | 339 |  | 72 |  | 690 | 1741 | 1232 |  |  |
| 1973 |  |  | 32 | 247 | 170 | 138 | 39 |  |  | 373 | 101 | 99 |  |
| 1974 |  |  | 799 | 296 | 299 |  |  |  |  |  | 217 55 | 230 |  |
| 1975 | 164 |  | 15 | 137 | 217 |  | 33 |  |  | 176 | 55 180 |  |  |
| 1976 |  | 31 |  | 375 | 417 |  |  |  |  | 176 | 180 | 67 |  |
| 1977 | 7 |  | 231 | 875 | 653 | 35 |  | 70 |  | 607 | 252 | 625 |  |
| 1978 | 25 | 431 |  | 1709 | 122 |  | 34 |  |  | 453 | 152 | 362 |  |
| 1979 | 265 | 37 | 496 | 709 | 110 |  |  | 80 |  | 78 | 932 |  |  |
| 1980 |  | 22 | 96 | 277 | 280 |  | 66 9 | 80 |  | 192 | 331 |  |  |
| 1981 |  |  | 1906 | 986 | 836 |  | 9 |  |  | 192 | 326 | 83 |  |
| 1982 |  |  |  | 171 | 671 |  |  |  | 422 |  | 326 | 83 |  |
| 1983 | 71 |  | - | 565 |  |  |  |  |  |  |  |  |  |
| 1984 |  |  |  | 623 | 2 | 96 | 28 |  |  | 575 | 235 | 230 |  |
| 1985 | 5 |  | 657 | 1515 | 111 |  |  | 43 | 48 |  | 364 |  |  |
| 1986 |  | - |  |  |  |  |  |  | 8 | 22 | 118 | 4 |  |
| 1987 | 4 | 20 | 124 95 | 1073 1110 | 1489 | 8 | . 41 | 150 | 20 | 139 | 246 |  |  |


| Station | 8834009 |  |  |  |  |  |  |  | (Unit 0.1 mm ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Monh |  |  |  |  | Mean |  |  | Sep | $0 \times 1$. | Nov. | Dec. | Annual Meã |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. |  |  |  |  |  |
| 1959 |  |  | 374 | 894 | 1775 | 615 | 1437 | 606 | 750 | 1512 | 718 |  |  |
| 1960 | 275 | 203 | 1034 | 976 | 1860 | 473 | 1258 | 1117 | 1203 | 721 | 282 | 430 | 9832 |
| 1961 | 69 | 227 | 523 | 1363 | 1670 | 784 | 1311 | 2318 | 1418 | 2101 | 2154 | 1035 | 14973 |
| 1962 |  |  | 650 | 1145 | 1617 | 1309 | 1555 | 1635 | 884 | 422 | 808 | 196 |  |
| 1963 | 363 | 561 | 701 | 3619 | 1769 | 471 | 1742 | 1099 | 505 | 227 | 1883 | 1764 | 14710 |
| 1964 |  | 439 | 355 | 1992 | 668 | 1015 | 2844 | 2353 | 1933 | 699 | 30 | 1016 |  |
| 1965 |  |  | 195 | 871 | 860 | 246 | 1138 | 829 | 317 | 2012 | 816 | 219 |  |
| 1966 | 46 | 1107 | 370 | 2336 | 852 | 586 | 1731 | 1773 | 754 | 728 | 823 | 274 | 11380 |
| 1967 | 48 | 374 | 920 | 1671 | 2043 | 1374 | 1163 | 2292 | 853 | 2032 | 1218 |  |  |
| 1968 |  | 1315 | 686 | 1494 | 790 | 444 | 1140 | 1235 | 348 | 804 | 591 | 146 |  |
| 1969 | 767 | 635 | 904 | 293 | 1103 | 146 | 1584 | 935 | 898 | 965 | 353 |  |  |
| 1970 | 596 |  | 1314 | 1016 | 1247 | 550 | 795 | 2114 | 1153 | 898 | 610 | 281 |  |
| 1971 | 25 |  | 71 | 1347 | 913 | 1422 | 673 | 1492 | 1575 | 1530 | 769 | 264 |  |
| 1972 | 11 | 349 | 668 | 1429 | 1681 | 807 | 980 | 387 | 546 | 880 | 1029 |  |  |
| 1974 | 149 | 53 |  |  |  |  |  |  |  |  |  |  |  |
| 1975 |  |  |  |  |  |  | 1517 |  |  |  |  |  |  |
| 1977 |  |  |  |  |  |  |  |  |  | 1257 | 2257 | 136 |  |
| 1978 | 436 | 1631 | 598 | 754 | 1269 | 1241 | 1434 | 778 | 892 | 853 | 188 | 230 | 10304 |
| 1979 | 440 | 805 | 525 | 838 | 782 | 1000 | 388 | 775 | 553 | 715 | 656 | 141 | 7618 |
| 1980 | 138 |  | 384 | 935 | 2705 | 2562 | 995 | 1383 | 341 | 484 | 747 | 69 |  |
| 1981 | 4 | 31 | 2628 | 1196 | 1136 | 900 | 1575 | 1586 | 1563 | 148 | 369 | 69 | 11205 |
| 1982 | 108 | 747 | 616 | 2432 | 2072 | 820 | 1848 | 1210 | 590 | 1917 | 992 | 93 | 13445 |
| 1983 | 137 | 152 | 20 | 1395 | 1777 | 527 | 1367 | 2995 | 966 | 1074 | 651 | 609 | 11670 |
| 1984 | 143 | 206 | 66 | 1223 | 1031 | 1095 | 1073 | 727 | 382 | 352 | 1090 | 652 | 8040 |
| 1985 | 352 | 346 | 1464 | 1746 | 1402 | 879 | 1631 |  |  |  |  |  |  |
| 1986 |  | 69 | 638 | 2168 | 1163 | 829 | 1280 | 787 | 588 | 579 | 103 | 21 |  |
| 1987 | 93 | 276 | 1445 | 851 | 1113 | 910 | 323 | 1283 | 246 | 787 | 1108 | 142 | 8577 |
| 1988 | 162 | 289 | 813 | 2272 | 832 | 1207 | 1422 | 1910 | 1679 | 2634 | 603 | 81 | 13904 |

Station



| Sation No. | 8835004 |  |  |  |  |  |  |  | (Unit:0.1mm) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  | Mean |  |  |  |  |  |  | Annual |
| Year | Jan. | Fcb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | OCl . | Nov. | Dec. | Mean |
| 1959 |  |  | 724 | 1397 | 1980 | 858 | 1760 | 2494 | 1509 | 2240 | 1033 | 54 |  |
| 1960 | 104 | 226 | 1815 | 1445 | 2866 | 580 | 2050 | 1201 | 1526 | 518 | 682 | 148 | 13161 |
| 1961 | 30 | 41 | 351 | 1242 | 2672 | 1664 | 2238 | 2774 | 2046 | 2294 | 3639 | 1300 | 20291 |
| 1962 | 354 |  | 346 | 774 | 2350 | 792 | 2406 | 1474 | 1697 | 679 | 906 | 178 |  |
| 1963 | 236 | 777 | 796 | 4410 | 3316 | 1320 | 1459 | 1630 | 236 | 392 | 1688 | 1187 | 17447 |
| 1964 |  | 865 | 36 | 2611 | 1148 | 879 | 2418 | 2506 | 2587 | 739 | 739 | 600 |  |
| 1965 | 277 |  | 773 | 2087 | 675 | 655 | 568 | 1496 | 173 | 1321 | 913 | 551 |  |
| 1966 |  | 948 | 1184 |  |  | 564 | 2288 | 1538 | 994 | 613 | 353 | 81 |  |
| 1967 |  | 265 | 102 | 1987 | 3483 | 1254 | 4503 | 4747 | 2667 |  | 1410 | 69 |  |
| 1968 |  | 259 | 1048 | 1582 | 1530 | 1204 | 2059 | 1204 | 40 | 1260 | 444 | 312 |  |
| 1969 | 67 | 1262 | 980 | 76 | 1966 | 580 | 1498 | 1072 | 1470 | 1534 | 609 |  |  |
| 1970 | 1126 |  | 936 | 2589 | 1207 | 509 | 1343 | 2940 | 1263 | 398 | 45 | 2 |  |
| 1972 | 385 | 545 |  | 837 | 1739 | 1059 | 1433 | 1690 | 832 | 867 |  |  |  |
| 1973 | 205 | 475 |  | 244 |  |  |  |  |  |  |  |  |  |
| 1975 | 125 |  | 752 | 1878 | 1909 | 1174 |  |  |  |  |  |  |  |
| 1976 |  | 46 | 243 |  | 2454 |  | 2646 | 2614 1099 | 672 560 |  | 593 | 16 |  |
| 1977 | 350 | 41 | 170 | 3268 | 2064 | 1776 1230 |  | 1099 1600 | 560 1270 | 1094 |  |  |  |
| 1978 |  |  |  | 390 | 780 | 1230 | 1030 3420 | 1600 | 1270 3870 | 50 |  | 530 |  |
| 1979 | 710 | 670 | 450 |  | 1829 | 1854 | 3420 |  | 3870 300 | So | 615 | 45 |  |
| 1980 | 280 |  |  | 1741 | 1853 | 1229 | 1180 | $\xrightarrow[1210]{895}$ | 3532 |  | 615 | 45 |  |
| 1981 |  | 280 | 2565 | 1853 | 1322 | 670 2477 | 3867 2103 | 1210 1797 | 3532 913 |  |  | 500 |  |
| 1982 | 140 | 330 | 142 90 | 4052 1164 | 3166 1735 | 2477 1761 | 2103 1532 | 1797 1552 | 913 2818 | 2425 1443 | 4562 426 | 501 40 | 13031 |
| 1984 | 140 | 164 | 54 | 769 | 997 | 1477 | 826 | 229 | 590 | 443 | 1550 | 400 |  |
| 1985 | 110 | 271 | 1027 | 2063 | 2016 | 1645 | 2045 | 1431 | 674 | 102 | 717 | 35 | 12136 |
| 1986 |  | 18 | 965 | 2732 | 1932 | 2716 |  | 282 |  | 280 | 35 |  |  |
| 1987 |  |  |  |  |  | 1340 |  | 995 | 198 | 688 | 1602 |  |  |
| 1988 | 313 | 144 | 317 | 2444 | 1190 |  | 2408 | 1467 |  |  |  |  |  |

8836000

| No. |  |  |  |  |  |  |  |  | (Unit:0.1mm) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Monh |  |  |  |  | Mean |  |  |  |  |  |  | Arnual |
| Year | Jan. | Feo. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oct. | Nov. | Dec. | Mean |
| 1959 |  |  | 261 | 323 | 1673 | 276 | 715 | 976 |  | 40 | 414 | 266 |  |
| 1960 | 18 | 178 | 746 | 479 | 356 | 185 | 1179 | 1997 | 619 | 589 | 491 | 40 | 6871 |
| 1961 | 35 | 86 | 289 | 944 | 421 | 543 | 1047 | 1297 | 193 | 1845 | 2877 | 282 | 9859 |
| 1962 | 134 |  | 454 | 1032 | 871 | 302 | 1650 | 818 | 201 | 242 | 438 | 562 |  |
| 1963 | 71 | 56 | 315 | 1119 | 512 | 94 | 544 | 972 | 36 | 157 | 1018 | 1423 | 6317 |
| 1964 | 170 | 216 | 563 | 676 | 445 | 898 | 1084 | 1042 | 942 | 424 | 193 | 523 | 7176 |
| 1965 | 254 |  |  | 1197 |  | 71 | 176 | 312 | 46 | 710 | 592 |  |  |
| 1966 |  | 1202 | 114 | 1409 | 109 | 444 | 685 | 1485 | 216 | 521 | 213 |  |  |
| 1967 |  |  | 241 | 1469 | 987 | 267 | 576 | 520 | 25 | 648 | 1255 |  |  |
| 1968 |  | 1050 | 576 | 1055 | 209 | 560 | 958 | 338 |  | 396 | 1036 | 190 |  |
| 1969 | 474 | 310 | 658 | 187 | 856 | 244 | 376 |  | 1112 | 316 | 879 | 19 |  |
| 1970 | 1111 |  | 1139 | 767 | 454 | 863 | 397 | 1120 | 291 | 161 | 234 | 67 |  |
| 1971 | 46 |  | 216 | 1250 | 711 | 563 | 604 | 2209 | 356 | 432 | 317 | 536 |  |
| 1972 |  | 452 | 4 | 340 | 968 | 1094 | 180 | 617 | 132 | 652 | 340 |  |  |
| 1973 | 399 | 277 |  | 760 | 756 | 302 | 780 | 730 | 712 | 166 | 429 | 122 |  |
| 1974 |  | 168 | 1326 | 290 | 320 | 375 | 1243 | 1298 | 336 | 16 | 171 | 202 |  |
| 1975 | 70 |  |  | 906 | 838 | 1054 | 1203 | 1802 |  | 626 | 191 | 54 |  |
| 1976 |  | 65 | 82 | 498 | 232 | 848 | 1278 | 899 | 243 | 195 | 126 | 124 |  |
| 1977 | 439 | 238 | 292 | 1508 | 1512 | 298 | 581 | 89 | 243 | 1793 | 126 | 124 |  |
| 1978 | 331 | 630 | 994 | 411 |  | 984 | 890 | 1040 | 1102 | 683 |  | 83 |  |
| 1979 | 896 | 263 | 424 | 873 | 147 | 917 | 420 | 190 | 37 | 210 | 268 | 160 |  |
| 1980 | 77 |  |  | 284 | 816 | 562 | 62 | 190 | 37 | 294 | 851 | 160 | 4805 |
| 1981 |  |  | 1888 168 | 1522 691 | 511 | 337 189 | 933 197 | 1445 | 753 | 140 | 180 | 182 |  |
| 1983 |  | 53 | 168 | 691 82 | 547 | 189 583 | 197 1085 | 919 1828 | 57 | 337 185 | 566 | 242 |  |
| 1984 | 43 |  | 11 | 261 | 173 | 583 | 1085 581 | 1828 | 190 403 | 185 240 | 53 340 | 744 80 |  |
| 1985 |  |  |  | 892 | 1089 | 248 | 1790 | 129 | 403 334 | 240 47 | 340 429 | 80 |  |
| $1986$ |  |  | 208 | 526 |  | 1836 | 584 | 831 | 655 | 400 | 326 | 157 |  |
| 1987 | 7 | $365$ | 170 | 760 1868 | 1187 | 340 | 253 | 622 | 200 |  | 384 | 12 |  |
| 1988 |  | 41 | 62 | 1868 | 494 | 806 | 1582 | 299 | 1153 |  | 241 | 334 |  |



| Sation <br> No． 8836009 <br> $⿴ ⿱ 冂 一 ⿱ 一 一 厶 儿$ （Unit：0．1mm） |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  |  | Mean |  |  |  |  |  | Annual Mean |
| Year | Jan． | Feb． | Mar． | Apr． | May | Jun | Jul． | Aug． | Sep | Oct． | Nov． | Dec． |  |
| 1985 |  |  |  |  |  |  |  |  | 152 | 310 |  |  |  |
| 1966 | 80 | 320 |  | 710 |  |  | 73 | 342 | 80 | 53 |  |  |  |
| 1973 |  |  |  |  |  |  | 31 | 448 | 495 | 55 |  |  |  |
| 1974 | 21 |  | 931 | 364 | 52 |  |  | 7 | 40 | 143 | 42 | 14 |  |
| 1975 | 50 |  | 216 | 435 | 969 | 1256 | 770 | 32 | 1102 | 15 |  |  |  |
| 1976 |  | 239 |  |  | 531 | 549 | 763 | 306 | 376 | 47 | 102 |  |  |
| 1977 | 91 | 57 | 69 | 599 | 300 |  | 574 |  | 31 | 840 | 1429 | 13 |  |
| 1978 | 31 | 1320 | 873 |  | 333 | 23 | 546 | 134 | 505 | 338 | 101 | 12 |  |
| 1979 | 742 | 204 | 381 | 329 | 531 | 680 |  | 21 | 251 | 2 | 15 | 97 |  |
| 1980 | 34 |  |  | 248 | 608 | 11 |  |  |  | 54 | 78 |  |  |
| 1981 |  |  | 1273 | 654 | 334 | 79 | 139 |  |  |  |  |  |  |
| 1982 |  |  | 63 | 650 | 249 |  |  | 25 |  |  | 1077 | 365 |  |
| 1983 |  |  |  | 584 | 49 |  | 380 | 485 | 118 | 50 | 48 | 66 |  |
| 1984 |  |  | 45 |  |  |  |  |  | 523 | 191 | 105 | 501 |  |
| 1985 | 43 |  | 136 | 210 | 1522 |  | 608 |  |  | 16 | 12 |  |  |
| 1986 |  |  | 280 |  | 94 | 678 | 206 | 206 |  |  | 47 273 | 86 54 |  |
| 1987 | 35 | 53 146 | 139 91 | 212 320 | 502 116 | 920 556 | 364 1074 |  |  |  | 273 122 | 54 |  |
| 1988 |  | 146 | 91 | 320 | 116 | 556 | 1074 | 412 | 148 | 872 | 122 |  |  |


| Station No． | 8837004 |  |  |  |  |  |  |  | （Unit ： 0.1 mm ） |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  | Mean |  |  | Sep | Oct． | Nov． | Dec．Annual |  |
| Year | Jan． | Feb． | Mar． | Apr． | May | Jun | Jul． | Aug． |  |  |  |  |  |
| 1968 |  |  |  |  |  |  |  |  |  | 1276 | 2302 |  |  |
| 1969 |  | 30 | 1224 | 150 | 229 |  |  |  |  |  | 670 |  |  |
| 1970 | 324 |  | 339 | 1092 |  |  |  |  |  |  | 475 | 225 |  |
| 1971 |  |  |  | 648 | 109 |  |  |  |  | 884 | 322 |  |  |
| 1972 |  | 600 |  | 287 | 178 |  |  |  |  | 884 |  |  |  |
| 1973 |  | 2 |  | 109 | 12 |  | 7 |  |  |  |  | 71 |  |
| 1974 | 18 |  | 1099 | 224 | 110 |  | 7 | 14 |  |  | 173 | 1 |  |
| 1975 | 84 |  |  | 1455 | 155 |  | 24 |  |  | 25 | 434 | 85 |  |
| 1976 |  |  |  | 152 1425 |  | 82 |  |  | 120 |  | 1029 | 516 |  |
| 1977 | 41 |  | 301 | 1425 427 | 220 |  |  |  | 120 | 579 |  | 254 |  |
| 1978 1979 | 11 728 | 154 | 28 | 427 1561 | 45 |  |  |  |  | 95 | 340 | 1 |  |
| 1979 1980 | 728 | 154 |  |  | 18 |  |  |  |  |  | 415 |  |  |
| 1981 |  |  | 483 | 874 | 203 |  |  |  |  |  |  | 78 1081 |  |
| 1982 |  |  |  | 927 | 26 |  |  |  |  | 479 15 | 1263 | 1081 |  |
| 1983 |  |  |  | 941 | 280 |  |  | 41 |  | 256 | 1191 | 501 |  |
| 1984 |  |  |  |  |  |  |  |  |  | 10 | 139 | 172 |  |
| 1985 |  | 85 | 480 | 579 | 120 |  |  |  |  |  | 468 | 207 |  |
| 1988 |  |  |  |  | 132 | 143 |  |  |  |  |  |  |  |
| 1988 | 7 |  | 185 | 753 |  |  |  |  |  | 9 |  |  |  |



| Station No. | 8840000 |  |  |  |  |  |  |  | (Unit : 0.1 mm ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Monin |  |  |  |  | Mean |  |  |  |  |  |  | Annual |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oit. | Nov. | Dec. | Mean |
| 1959 |  |  | 41 | 330 |  | 25 |  | 101 |  |  | 165 | 71 |  |
| 1960 |  | 56 | 570 | 928 | 84 |  | 53 |  |  | 1046 | 655 | 46 |  |
| 1961 | 119 |  | 94 | 890 | 347 |  |  | 13 | 56 | 530 | 6216 | 209 |  |
| 1962 | 180 | 33 | 1224 | 1518 | 81 | 30 | 30 |  |  | 247 | 386 | 241 |  |
| 1963 | 3 | 81 | 126 | 794 |  | 215 | 18 |  | 90 |  | 900 | 268 |  |
| 1964 | 617 | 130 | 710 | 1860 |  | 80 |  |  |  |  | 56 | 720 |  |
| 1965 | 200 |  | 589 | 110 | 240 |  |  |  | 570 | 510 | 1290 |  |  |
| 1966 |  | 112 | 292 | 927 |  |  |  | 127 |  | 495 | 230 |  |  |
| 1967 |  |  | 480 | 730 | 205 |  | 35 | 35 |  | 142 | 3055 |  |  |
| 1968 |  |  | 1090 | 3038 | 1020 |  | 80 | 40 |  | 76 | 1395 | 1536 |  |
| 1969 | 63 | 241 | 419 | 260 | 1658 | 95 |  | 64 |  | 50 | 865 |  |  |
| 1970 |  |  | 597 | 924 |  |  |  | 36 |  |  |  | 22 |  |
| 1971 |  | 70 |  | 1620 | 650 |  |  |  |  | 730 | 160 | 140 |  |
| 1972 |  | 200 |  | 505 | 1190 |  | 45 |  | 27 | 1256 | 182 | 78 |  |
| 1973 |  |  |  | 300 |  | 45 |  |  |  | 493 | 107 |  |  |
| 1974 | 90 | 15 | 631 | 122 | 183 | 6 | 13 |  | 5 | 385 | 602 | 369 |  |
| 1975 | 129 | 3 | 17 | 681 | 1336 | 10 | 169 |  |  | 38 | 257 | 36 9 |  |
| 1976 |  | 39 | 785 | 412 1511 | 226 18 | 5 | 8 |  | 54 | 6 | 416 | 99 |  |
| 1977 1978 | 172 24 | 252 | 785 1584 | 1511 1886 | 18 313 | 22 | 7 | 28 | 32 | 149 | 1349 | 133 |  |
| 1979 | 775 | 60 | 405 | 744 | 183 144 |  | 55 8 |  |  |  |  |  |  |
| 1980 |  | 65 | 10 | 380 |  |  | 27 | 58 | 22 | 103 71 | 495 | 577 |  |
| 1981 |  |  |  |  | 288 |  | 35 | 9 | 2 | 378 | 299 | 117 |  |
| 1982 |  | $4{ }^{4}$ | 358 | 514 | 265 | 3 | 5 |  | 77 | 1437 | 1436 | 117 |  |
| 1983 |  | 421 | 9 | 316 358 | 76 569 | 22 | 123 | 3 | 28 | 183 | 114 | 282 |  |
| 1985 | 35 | 18 | 442 | 358 | 569 520 | 7 | 4 |  | 8 | 242 | 452 | 459 |  |
| 1986 |  |  | 127 | 595 | 41 | 33 | 7 |  | 8 |  | 511 | 97 |  |
| 1987 | 84 |  | 5 | 407 | 548 | 2 | 13 | 32 |  | 168 | 511 13 | 294 98 |  |
| 1988 | 189 | 33. | 188 | 805 | 238 | 201 |  | 82 | 143 | 142 | 376 | 327 |  |


| No. | (Untit: 0.1 mm ) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  | Mean |  |  |  |  |  |  | Annual |
| Year | Jan. | Fcb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | O2. | Nov. | Dec. | Mean |
| 1959 |  |  | 1443 | 480 | 1936 | 242 | 1092 | 1120 | 886 | 1252 | 574 | 48 |  |
| 1960 | 274 | 935 | 2012 | 1052 | 1410 | 1675 | 1347 | 1442 | 1428 | 681 | 488 | 665 | 13409 |
| 1961 |  | 208 | 511 | 1365 | 1374 | 795 | 1805 | 2148 | 2144 | 1844 | 3248 | 1521 |  |
| 1962 | 221 |  | 1507 | 2399 | 2328 | 1585 | 1403 | 1022 | 2870 | 878 | 615 | 277 |  |
| 1963 | 801 | 560 | 1019 | 2321 | 2156 | 736 | 1638 | 1108 | 361 | 216 | 2022 | 1748 | 14686 |
| 1964 |  | 547 | 481 | 2034 | 1458 | 2040 | 1665 | 1260 | 1494 | 978 | 114 | 333 |  |
| 1965 | 110 | 147 | 714 | 1079 | 1287 | 474 | 819 | 848 | 815 | 1510 | 1140 | 508 | 9451 |
| 1966 | 10 | 1231 | 1226 | 2473 | 754 | 1233 | 901 | 1820 | 1778 | 1004 | 757 | 91 | 13278 |
| 1967 | 66 | 163 | 746 | 2105 | 3684 | 887 | 1514 | 1379 | 1541 | 1526 | 1496 | 70 | 15177 |
| 1968 | 35 | 994 | 1154 | 1716 | 812 | 1508 | 1415 | 2255 | 367 | 1421 | 409 | 255 | 12341 |
| 1969 | 1147 | 614 | 816 | 944 | 1449 | 1079 | 1934 | 1830 | 1254 | 1203 | 443 |  |  |
| 1970 | 1235 | 698 | 1053 | 2102 | 1614 | 1008 | 2570 | 1972 | 1719 | 793 | 375 | 400 | 15539 |
| 1971 | 72 |  | 461 | 1488 | 1675 | 2136 | 1048 | 1573 | 2006 | 1894 | 198 | 328 |  |
| 1972 | 38 | 1089 | 179 | 1007 | 1520 | 2617 | 2191 | 576 | 652 | 1525 | 1078 | 510 | 12982 |
| 1973 | 624 | 787 | 39 | 293 | 1961 | 1783 | 1066 | 2126 | 2557 | 936 | 994 | 71 | 13237 |
| 1974 | 32 | 641 | 1457 | 725 | 1354 | 909 | 1423 | 1731 | 1713 | 1025 | 382 | 151 | 11543 |
| 1975 |  | 167 | 1083 | 1821 | 1924 | 1702 | 1110 | 2078 | 1839 | 2193 | 117 | 141 |  |
| 1976 | 182 | 425 | 233 | 1624 | 2459 | 446 | 1044 | 1016 | 673 | 485 | 612 | 305 | 9504 |
| 1977 | 713 | 189 | 723 | 2568 | 1530 | 2218 | 1307 | 2047 | 1281 | 1988 | 2524 | 316 | 17404 |
| 1978 | 688 | 1993 | 1030 | 1829 | 1602 | 1402 | 1418 | 2320 |  | 1958 | 191 | 498 |  |
| 1979 | 630 | 1308 | 1555 | 1215 | 1646 | 1995 | 744 | 1705 | 713 | 543 | 418 | 405 | 12877 |
| 1980 | 517 | 54 |  | 1305 | 2443 | 598 | 724 | 1878 | 468 | 408 | 986 | 15 |  |
| 1981 | 47 | 237 | 2890 | 2100 | 1515 | 955 | 1309 | 2372 | 2308 | 492 | 163 | 65 | 14453 |
| 1982 | 439 | 335 | 671 | 3354 | 2695 | 1096 | 963 | 1552 | 572 | 1523 | 2803 | 553 | 16556 |
| 1983 | 1149 |  | 471 | 1275 | 2390 | 1175 | 594 | 1443 | 3729 | 1554 | 1010 | 275 |  |
| 1984 | 197 | 190 | 293 | 1418 | 2246 | 1702 | 1187 | 793 | 875 | 460 | 854 | 339 | 10554 |
| 1985 | 172 | 476 | 1878 | 1925 | 2098 | 1122 | 1365 | 1208 | 471 | 459 | 1873 | 108 | 13155 |
| 1986 | 119 | 157 | 1032 | 1862 | 1474 | 1171 | 1017 | 1745 | 716 | 1080 | 237 | 338 | 10948 |
| 1987 | 83 | 923 |  | 2462 | 2513 | 1043 |  | 1679 | 646 | 1270 | 1533 | 52 |  |
| 1988 | 891 | 270 | 376 | 3678 | 1828 | 795 | 2554 | 2345 | 2028 | 1154 | 485 | 156 | 16560 |


| Station No. | 8934013 |  |  |  |  |  |  |  | (Unit: 0.1 mm ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  | Mean |  |  |  |  |  |  | Annual |
| Yeas | Jan. | Fcb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oci. | Nov. | Dec. | Mean |
| 1959 |  |  | 2038 | 2516 | 2108 | 1294 | 1645 | 944 | 1816 | 1722 | 1573 | 249 |  |
| 1960 | 1308 | 998 | 2928 | 2642 | 2898 | 1571 | 1147 | 640 | 2338 | 1119 | 863 | 410 | 18862 |
| 1962 | 1337 | 92 | 2647 | 4459 | 2620 | 1525 | 1658 | 2049 | 1308 | 1221 | 2222 | 504 | 21642 |
| 1963 | 1034 | 1726 | 1977 | 4053 | 3459 | 2171 | 581 |  | 659 | 1424 | 2482 | 1734 |  |
| 1964 | 518 | 1932 | 1776 | 3020 | 2990 | 1381 | 695 | 1534 | 2053 | 2176 | 596 | 1912 | 20583 |
| 1965 | 395 | 107 | 1727 | 1835 | 2689 | 1331 | 997 | 1099 | 1543 | 1561 | 1977 | 836 | 16097 |
| 1966 | 487 | 1004 | 2382 | 2604 | 1498 | 1009 | 686 | 765 | 1345 | 2226 | 722 | 324 | 35052 |
| 1967 | 353 | 388 | 1121 | 3201 | 2813 | 2087 | 1133 | 1962 | 1653 | 1805 | 2043 | 333 | 18892 |
| 1968 | 28 | 2396 | 2584 | 3075 | 2560 | 3012 | 757 | 1133 | 644 | 1902 | 855 | 1349 | 20325 |
| 1969 | 1235 | 1480 | 1079 | 1689 | 2744 | 2215 | 2215 | 1300 | 923 | 2919 | 1466 | 179 | 19444 |
| 1970 | 2981 | 564 | 2711 | 2577 | 2095 | 773 | 1009 | 1804 | 1145 | 1531 | 533 | 562 | 18285 |
| 1971 | 227 | 266 | 595 | 4095 | 2690 | 1613 | 1690 | 1986 | 982 | 2270 | 1356 | 898 | 18668 |
| 1972 | 286 | 1439 | 580 | 2355 | 2576 | 1918 | 1427 | 2818 | 1725 | 2248 | 2479 | 774 | 20625 |
| 1973 | 1027 | 892 | 67 | 2411 | 2144 | 2386 | 1149 | 1807 | 2298 | 1703 | 1961 | 519 | 18364 |
| 1974 | 457 | 129 | 4189 | 4316 | 2329 | 1597 | 1771 | 1477 | 1823 | 1544 | 711 | 74 | 20417 |
| 1975 | 181 | 260 | 1348 | 3094 | 2373 | 3439 |  | 2215 | 2002 | 2582 | 388 | 210 |  |
| 1976 | 608 | 800 | 609 | 2682 | 2862 | 1887 | 1485 | 1216 | 1938 | 1114 | 866 | 615 | 16682 |
| 1977 | 1263 | 657 | 1257 | 2272 | 3126 | 1069 | 977 | 1385 | 1056 | 1008 | 1434 | 720 | 16224 |
| 1978 | 360 | 2194 | 3100 | 1714 | 2026 | 3552 | 860 | 1365 | 1490 | 430 |  | 2221 |  |
| 1979 | 595 | 1308 | 1758 | 2031 | 3067 | 1341 | 842 | 1843 | 1400 | 528 | 1439 | 1274 | 17426 |
| 1980 | 150 | 679 | 1218 | 2000 | 3534 | 1265 | 1083 | 1749 | 1694 | 1465 | 857 | 567 | 16261 |
| 1981 | 98 | 439 | 2292 | 3494 | 2169 | 1124 | 1143 | 1448 | 1345 | 1080 | 377 | 906 | 15915 |
| 1982 | 1265 | 1349 | 731 | 3131 | 3319 | 3085 | 633 | 1435 | 1317 | 2092 | 1888 | 1282 | 21527 |
| 1983 | 377 | 486 | 1293 | 2095 | 1862 |  |  |  |  |  |  |  |  |
| 1984 | 365 | 200 |  | 2724 | 2753 | 1701 | 1275 | 2328 | 1204 | 1421 | 3109 |  |  |
| 1985 | 980 | 823 | 2676 | 2733 | 3035 | 1792 | 2093 | 1824 | 1090 | 539 | 1623 | 477 | 19685 |
| 1986 | 1275 | 509 | 1577 | 3357 | 3206 | 1768 | 1972 | 3041 | 1544 | 1171 | 478 | 935 | 20833 |
| 1987 | 535 | 1875 | 1611 | 2233 | 3424 | 2086 | 2166 | 2092 | 1402 | 1646 |  |  |  |
| 1988 |  |  | 2373 |  |  |  |  |  |  |  |  |  |  |




| Station No. | 8934133 |  |  |  |  |  |  |  | (Unil:0.1mm) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  |  | Mean |  |  |  |  |  | Annual Mean |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oct. | Nov. | Dec. |  |
| 1967 |  |  |  |  |  |  |  |  | 2599 | 1772 | 2809 | 601 |  |
| 1968 | 82 | 3584 | 2590 | 3340 | 3071 | 2097 | 590 | 1236 | 1037 | 1736 | 1360 | 2119 | 22842 |
| 1969 | 1070 | 1892 | 1169 | 1577 | 2890 | 2562 | 2387 | 1119 | 587 | 2410 | 855 | 233 | 18751 |
| 1970 | 2359 | 605 | 2831 | 2858 | 2549 | 967 | 1598 | 2170 | 2064 | 1544 | 1501 | 587 | 21633 |
| 1971 | 169 | 250 | 654 | 4696 | 2976 | 1470 | 2134 | 1646 | 1642 | 2901 | 1520 | 958 | 21016 |
| 1972 | 323 | 1791 | 391 | 2425 | 1854 | 1748 | 1592 | 1951 | 1695 | 2261 | 2837 | 722 | 19590 |
| 1973 | 1483 | 835 | 180 | 2064 | 2591 | 2978 | 1065 | 2115 | 2040 | 2443 | 1415 | 789 | 19998 |
| 1974 | 559 | 222 | 2953 | 3145 | 3026 | 1275 | 1947 | 1640 | 1925 | 1716 | 479 | 74 | 18961 |
| 1975 | 118 | 457 | 1848 | 2527 | 2854 | 2023 | 834 | 2112 | 2057 | 2730 | 609 | 554 | 18723 |
| 1976 | 550 | 791 | 623 | 1928 | 3549 | 2004 | 1439 | 1596 | 2229 | 1376 | 1581 | 1289 | 18955 |
| 1977 | 1583 | 927 | 1824 | 3326 | 3736 | 1886 | 974 | 2178 | 1032 | 1520 | 2485 | 669 | 22140 |
| 1978 | 436 | 2041 | 2640 | 2203 | 2699 | 1904 | 760 | 2520 | 2096 | 1765 | 1218 | 1953 | 22235 |
| 1979 | 740 | 1173 | 1737 | 1921 | 3652 | 1787 | 812 |  | 1225 | 541 | 1517 | 1276 |  |
| 1980 | 162 |  | 1153 | 2488 | 3287 | 1697 |  | 1919 | 825 | 1112 | 739 | 427 |  |
| 1981 | 82 | 790 | 3202 | 3797 | 2800 | 1886 | 1741 | 2863 | 2387 | 1015 | 1260 | 485 | 22308 |
| 1982 | 1873 | 611 | 1198 | 2406 | 3451 | 3516 | 1084 | 3103 | 1923 | 2487 | 2804 | 1397 | 25853 |
| 1983 | 544 | 955 | 1581 | 2784 | 3270 | 1305 | 1047 | 1428 | 2532 | 2226 | 1169 | 928 | 19769 |
| 1984 | 491 | 50 | 373 | 2891 | 2739 | 1373 | 936 | 1714 | 1153 | 783 | 2144 | 863 | 15510 |
| 1985 | 576 | 676 | 2416 | 3575 | 2706 | 1721 | 3110 | 1274 | 1726 | 1514 | 2266 | 365 | 21925 |
| 1986 | 359 | 738 | 1296 | 4209 | 3319 | 2210 | 1414 | 1507 | 1096 | 1140 | 975 | 1422 | 19685 |
| 1987 | 785 | 1809 | 1541 | 2407 | 3782 | 1268 | 1000 | 1351 | 765 | 2229 | 1753 | 129 | 18819 |
| 1988 | 1380 | 725 | 1710 | 4770 | 2536 | 1765 | 561 | 2149 | 1835 | 2064 | 2088 | 169 | 21752 |


| Station No. | 8934134 |  |  |  |  |  |  |  | (Unit: 0.1 mm ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  |  | Mean |  |  |  |  |  | Annual |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oci. | No | Dec. | Mcan |
| 1967 | 53 | 170 | 1841 | 2036 | 3031 | 1493 | 864 | 838 | 1170 | 2036 | 2060 | 198 | 15790 |
| 1968 | 78 | 2569 | 1378 | 2093 | 2581 | 1444 | 1311 | 877 | 1325 | 2110 | 1017 | 75 | 17658 |
| 1959 | 628 | 779 | 1120 | 838 | 2283 | 1716 | 1938 | 1188 | 593 | 1524 | 31 | 303 | 13741 |
| 1970 | 1596 | 552 | 2103 | 2907 | 2341 | 1115 | 791 | 2032 | 980 | 1796 |  |  | 17585 |
| 1971 | 138 | 323 | 457 | 2776 | 3059 | 854 | 1476 | 011 | 1708 | 2082 | 1225 | 747 | 14825 |
| 1972 | 151 | 1080 | 553 | 2576 | 2609 | 1388 | 1476 509 | 888 | 1151 | 1348 | 2052 | 137 | 15989 |
| 1973 | 957 | 1800 | 235 | 2195 | 2660 | 1066 | 509 1807 | 1784 1395 | 1515 | 1038 | 861 | 76 | 14800 |
| 1974 | 346 | 264 | 2288 | 2242 | 1860 | 1988 | 1058 | 1166 | 1678 | 903 | 832 | 377 | 16012 |
| 1975 | 248 | 382 | 1984 | 3705 | 1691 | 2422 | 1284 | 587 | 1107 | 1057 | 1084 | 670 | 14218 |
| 1976 | 340 | 1232 | 452 | 1774 | 2801 | 1443 | 1097 | 2141 | $\cdot 772$ | 1562 | 3098 | 942 | 19952 |
| 1977 | 685 | 450 | 1733 | 3228 | 2848 | 1199 | 1224 | 1443 | 988 | 1436 | 1093 | 632 | 18257 |
| 1978 | 219 | 2464 | 1716 | 3015 | 2848 | 1195 | 504 | 753 |  | 421 | 949 | 1286 | 15765 |
| 1979 | 818 | 2347 | 1389 | 2168 | 3304 | 1051 | 813 | 1949 | 848 | 670 | 1627 | 510 | 13364 |
| 1980 | 81 | 249 | 683 | 1949 | 3012 | 973 | 813 | 1207 | 2509 | 1217 | 1685 | 502 | 17159 |
| 1981 | 214 | 656 | 2190 | 2518 | 2232 | 775 | 1454 | 1207 | 1194 | 1988 | 2062 | 941 | 17892 |
| 1982 | 634 | 574 | 1237 | 2097 | 4386 | 993 | 881 | 905 | 1194 | 1751 | 1059 | 653 | 17892 |
| 1983 | 213 | 704 | 937 | 1678 | 2626 | 830 | 1422 | 1623 | 1900 | 1751 | 1059 | 653 | 1539 14489 |
| 1984 | 99 | 789 | 171 | 3017 | 2399 | 1367 | 921 | 1085 | 1427 | 805 | 1997 | 512 | 14859 |
| 1985 | 934 | 561 | 2962 | 1818 | 3522 | 1618 | 1170 | 678 | 1570 | 1033 | 2180 | 539 | 18585 |
| 1986 | 100 | 163 | 1109 | 3193 | 1896 | 1038 | 535 | 1482 | 655 | 1046 | 1163 | 425 | 12805 |
| 1987 | 792 | 999 | 2197 | 1784 | 2966 | 945 | 674 | 533 | 1423 | 1716 | 1929 | 379 | 16337 |
| 1988 | 756 | 696 | 1757 | 3875 | 860 | 1297 | 1542 | 1189 | 2353 | 646 | 935 | 865 | 16771 |






| Station No. | 8935002 |  |  |  |  |  |  |  | (Unit: 0.1 mm ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Ionth |  |  | Mean |  |  |  |  |  | Annual |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jit. | Aug. | Sep | Oct. | Nov. | Dec. | Mear |
| 1959 |  |  | 1544 | 1235 | 1238 | 365 | 529 | 985 | 927 | 727 | 1359 | 295 |  |
| 1960 | 425 | 467 | 1586 | 1896 | 1036 | 483 | 839 | 964 | 836 | 551 | 651 | 943 | 10671 |
| 1961 | 41 |  | 877 | 1889 | 1677 | 1427 | 1807 | 1161 | 1250 | 2156 | 4176 | 678 |  |
| 1962 | 94 | 39 | 1049 | 2382 | 1540 | 1000 | 658 | 929 | 945 | 1103 | 1251 | 601 | 11591 |
| 1963 | 512 | 773 | 1276 | 3642 | 2994 | 192 | 308 | 1025 | 200 | 581 | 2961 | 1913 | 16371 |
| 1964 | 71 | 527 | 920 | 2145 | 1067 | 709 | 1158 | 1139 | 912 | 606 | 260 | 825 | 10339 |
| 1965 | 89 | 28 | 600 | 1973 | 540 | 369 | 597 | 248 | 184 | 1439 | 1406 | 402 | 7875 |
| 1966 | 121 | 1641 | 1062 | 3111 | 826 | 688 | 1597 | 1066 | 397 | 1262 | 245 | 65 | 12081 |
| 1967 | 94 | 298 | 562 | 1779 | 3274 | 1024 | 1125 | 452 | 364 | 1263 | 2365 |  |  |
| 1968 |  | 1524 | 939 | 1381 | 832 | 116 | 461 | 1048 | 251 | 1854 | 1594 | 298 |  |
| 1969 | 333 | 1401 | 1096 | 640 | 3057 | 708 | 1190 | 709 | 1555 | 2579 | 1016 | 811 | 15095 |
| 1970 | 3252 | 150 | 714 | 1058 | 731 | 467 | 3531 | 659 | 412 | 482 | 540 | 240 | 12236 |
| 1971 | 632 |  |  | 1492 | 2139 | 1760 | 722 | 1251 | 335 | 1347 | 1608 | 1902 |  |
| 1972 | 285 | 422 | 158 | 1424 | 2315 | 1217 | 782 | 958 | 861 | 2084. | 1657 | 118 | 12281 |
| 1973 | 144 | 176 | 74 | 861 | 1512 | 437 | 540 | 1302 | 1266 | 612 | 2825 | 203 | 9952 |
| 1974 | 314 | 148 | 2581 | 1334 | 1628 | 1337 | 1178 | 1255 | 358 | 1021 | 1031 | 434 | 12619 |
| 1975 | 91 | 199 | 549 | 1687 | 2493 | 866 | 1203 | 1193 | 1448 | 908 | 807 | 219 | 11663 |
| 1976 | 21 | 254 | 363 | 1158 | 2662 | 591 | 1734 | 956 | 642 | 362 | 929 | 502 | 10174 |
| 1977 | 875 |  | 637 | 3286 | 2686 | 954 | 1062 | 1006 | 666 | 2608 | 3616 | 602 |  |
| 1978 | 346 | 1929 | 1843 | 906 | 1403 | 1207 | 855 | 751 | 909 | 2141 | 743 | 545 | 13578 |
| 1979 | 1108 | 1073 | 2300 | 2274 | 1315 | 673 | 2521 | 1780 | 653 | 638 | 388 | 522 | 15245 |
| 1980 | 127 | 35 | 536 | 1248 | 2270 | 354 | 162 | 825 | 212 | 379 | 1622 | 18 | 7788 |
| 1981 | 41 | 89 | 2795 | 1729 | 1443 | 776 | 1367 | 1097 | 1133 | 708 | 544 | 401 | 12123 |
| 1982 | 706 | 240 | 826 | 3327. | 2337 | 969 | 1005 | 1211 | 626 | 2286 | 2617 | 806 | 16986 |
| 1983 | 459 |  | 403 | 1408 | 1786 | 781 | 532 | 2017 | 966 | 2079 | 970 | 383 |  |
| 1984 | 18 | 216 | 130 | 1180. | 656 | 788 | 1027 | 351 | 587 | 955 | 1121 | 491 | 7520 |
| 1985 | 214 | 422 | 1443 | 3292 | 3497 | 410 | 770 | 1112 | 795 | 364 | 1267 | 73 | 13659 |
| 1986 | 80 | 155 | 1342 | 3986 | 1864 | 1095 | 1325 |  | 450 | 1037 | 613 | 330 |  |
| 1987 | 25 | 1089 | 570 | 1343 | 3660 | 1050 | 235 | 1071 | 567 | 604 | 2795 | 36 | 13045 |
| 1988 | 725 | 176 | 674 | 4037 | 940 | 835 | 2407 | 1527 | 2342 | 1987 | 876 | 650 | 17176 |



| Station No. | 8935013 |  |  |  |  |  |  |  | (Unit:0.1mm) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  | Mean |  |  |  |  |  |  | Annual |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oct. | Nov. | Dec. | Mean |
| 1959 |  |  | 866 | 1426 | 1807 | 633 | 1096 | 1929 | 1352 | 1330 | 2434 | 306 |  |
| 1960 | 855 | 659 | 2423 | 2615 | 1849 | 953 | 870 | 1380 | 1859 | 449 | 1214 | 330 | 15456 |
| 1961 | 3 |  | 776 | 1895 | 1669 | 1346 | 1520 | 2351 | 2120 | 1100 | 4559 | 2662 |  |
| 1962 | 968 | 99 | 1078 | 2103 | 3182 | 773 | 1684 | 2279 | 2233 | 1560 | 1020 | 531 | 17510 |
| 1963 | 1112 | 1297 | 1168 | 3340 | 2558 | 809 | 1031 | 1985 | 693 | 426 | 2119 | 1470 | 18008 |
| 1984 | 21 | 657 | 1679 | 3589 | 1175 | 1207 | 2318 | 1652 | 1370 | 1270 | 307 | 647 | 15902 |
| 1965 | 922 | 162 | 515 | 1818 | 1063 | 870 | 1372 | 1802 | 500 | 2146 | 1715 | 752 | 13637 |
| 1966 | 124 | 1696 | 1399 | 3572 | 1187 | 1018 | 889 | 1585 | 842 | 1000 | 984 | 375 | 14671 |
| 1967 | 13 | 322 | 763 | 2316 | 3983 | 1284 | 1384 | 1420 | 1030 | 1854 | 2153 | 34 | 16956 |
| 1968 | 107 | 2673 | 1649 | 3399 | 1649 | 1127 | 1124 | 1993 | 797 | 1147 | 1030 | 648 | 17343 |
| 1969 | 1134 | 1814 | 920 | 396 | 1775 | 1085 | 876 | 1854 | 1306 | 2323 | 568 | 482 | 14533 |
| 1970 | 2570 | 241 | 2936 | 3061 | 1306 | 1346 | 936 | 1436 | 1682 | 1502 | 649 | 1411 | 19076 |
| 1971 | 1319 | 105 | 295 | 2775 | 2153 | 1505 | 2318 | 2777 | 1053 | 1371 | 511 | 1478 | 17660 |
| 1972 | 82 | 1247 | 278 | 1144 | 2442 | 2051 | 1349 | 1494 | 954 | 2178 | 1910 | 773 | 15902 |
| 1973 | 693 | 1655 | 48 | 606 | 2223 | 1196 | 958 | 1768 | 2067 | 1092 | 1240 | 86 | 13632 |
| 1974 | 265 | 99 | 1962 | 1264 | 1032 | 1528 | 2089 | 590 | 810 | 852 | 239 | 77 | 10807 |
| 1975 | 25 | 304 | 693 | 1366 | 2188 | 1596 | 2328 | 2441 | 2154 | 1072 | 378 | 493 | 15038 |
| 1976 | 178 | 154 | 279 | 1453 | 2679 | 1057 | 1171 | 2116 | 1111 | 159 | 1190 | 475 | 12022 |
| 1977 | 837 | 896 | 447 | 2811. | 2306 | 2100 | 1861 | 1126 | 1031 | 2464 | 3953 | 767 | 20599 |
| 1978 | 1357 | 2479 | 1401 | 1434 | 1355 | 1647 | 1529 | 2318 | 2297 | 2288 | 1172 | 961 | 20238 |
| 1979 | 1493 | 2952 | 1498 | 1734 | 2011 | 1963 | 1477 | 2638 | 1288 | 536 | 624 | 309 | 18523 |
| 1980 |  | 74 | 478 | 2165 | 2673 | 1637 |  | 1122 | 914 | 362 | 1348 | 250 |  |
| 1981 | 283 | 393 | 2470 | 1951 | 1104 | 1127 |  | 2313 | 2001 | 1305 | 952 | 570 |  |
| 1982 | 443 | 666 | 684 | 1273 | 2992 | 1205 | 1217 | 2452 | 2160 | 2865 | 2840 | 505 | 19302 |
| 1983 | 217 | 730 | 870 | 2225 | 1400 | 1085 | 1380 | 1825 | 1806 | 3443 | 1465 | 1163 | 17609 |
| 1984 | 528 | 790 | 60 | 486 | 665 | 1144 | 1329 | 1355 | 955 | 690 | 1393 |  |  |
| 1985 |  | 60 | 248 | 1521 | 1590 | 1058 |  |  |  |  |  |  |  |
| 1986 |  | 180 | 782 | 1308 | 1557 | 927 | 1696 | 938 | 1007 | 744 | 252 | 20 |  |
| 1987 | 505 | 791 | 1514 | 1113 | 3490 | 628 | 303 | 741 | 389 | 465 | 2238 | 43 | 12220 |
| 1988 | 1636 | 546 | 1495 |  | 1739 | 936 | 1996 | 869 |  |  |  |  |  |


| Station No. | 8935014 |  |  |  |  |  |  |  | (Unit:0.1mm) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Menth |  |  |  |  | Mean |  |  | Se9 | Ot. |  |  | Annual Mean |
| Year | Jan. | Fib. | Маг. | Apr. | Nay | Jun | 3 nl . | Aug. |  |  |  |  |  |
| Year | Jan. |  | 1970 | 1319 | 1708 | 521 | 848 | 845 | 987 | 953 | 1602 | 486 |  |
| 1950 | 110 | 188 | 2164 | 1893 | 1289 | 382 | 909 | 1201 | 627 | 536 | 1151 | 781 | 11231 |
| 1961 | 77 |  | 423 | 1453 | 810 | 1430 | 2172 | 2456 | 758 814 | 1995 | 4405 | 2014 | 9051 |
| 1962 | 452 | 3 | 689 | 2292 | 2101 | 781 | 1186 | 743 | 249 | 257 | 2307 | 2518 | 14785 |
| 1963 | 551 | 545 | 1490 | 2780 | 218 | 806 | 1358 | 2026 | 933 | 864 | 551 | 1127 | 10688 |
| 1964 | 181 | 140 | 872 | 1611 | 399 513 | 806 | 7130 | 678 | 473 | 1143 | 1117 | 353 |  |
| 1965 | 109 |  | 739 | 1750 | 513 | 351 | 1862 | 2077 | 1408 | 685 | 1283 | 38 | 14435 |
| 1966 | 483 | 1108 | 830 | 3514 | 472 | 698 | 1409 | 822 | 261 | 1447 | 4005 |  | 1443 |
| 1967 |  | 165 | 675 | 1229 | 4105 | 1683 | 1409 | 1229 |  | 1443 | 1943 | 728 |  |
| 1968 |  | 2393 | 908 | 2038 | 1577 | 282 | ${ }_{1360}$ | 1229 445 | 1485 | 1177 | 1027 | 122 | 10838 |
| 1969 | 737 | 594 | 1313 | 63 | 1967 | 748 | 1146 | 1766 | 587 | 653 | 762 | 984 |  |
| 1970 | 1246 |  | 2200 | 1734 | 1247 | 744 1632 | 1983 | 1858 | 691 | 1477 | 579 | 580 |  |
| 1971 | 317 |  | 213 | 1353 | 1947 | 1632 | 1308 | 1269 | 1915 | 1968 | 2673 | 398 | 19311 |
| 1972 | 165 | 1442 | 409 | 1435 | 4828 | 1501 | 695 | 1534 | 1130 | 1493 | 1770 | 150 | 9653 |
| 1973 | 392 | 764 | 6 | 297 | 934 | 488 | 1886 | 1183 | 542 | 765 | 444 | 121 | 12891 |
| 1974 | 45 | 193 | 2625 | 2070 | 2021 | 995 | 1886 | 1788 | 1485 | 949 | 551 | 120 | 12891 |
| 1975 | 45 | 130 | 695 | 2794 |  | 905 | 681 | 1410 | 351 |  | 1243 | 481 |  |
| 1976 | 140 | 252 | 191 | 1459 | 1269 | . 1214 | 1584 | 1410 | 351 |  |  | 875 |  |
| 1978 |  | 1161 | 2310 | 1156 | 919 | 1096 | 1412 |  | 765 |  |  | 875 |  |
| 1979 | 1270 |  |  |  |  |  |  |  |  | 292 | 2025 | 35 |  |
| 1980 | 210 |  | 430 | 2360 | 2915 970 | 250 | 195 | 1349 | 737 | 393 | 382 | 200 |  |
| 1981 |  |  | 2612 | 2081 5298 | 3972 | 250 513 | 964 | 1349 993 | 1039 | 1751 | 2224 | 921 | 18895 |
| 1982 | 177 | 406 | 107 | 5298 | 1378 | 1380 | 1057 | 1556 | 1396 | 1396 | 2019 |  |  |
| 1983 |  | 595 | 117 | 1465 | 1378 | 1380 442 | 717 |  | 211 | 406 |  | 222 |  |
| 1984 |  | 53 | 58 | 465 | 416 | 442 | 1111 | 461 | 369 | 236 | 874 | 42 | 10585 |
| 1985 | 247 | 261 | 1471 | 2591 | 2092 | 830 | 111 | 461 | 36 | 236 | 874 |  | 1058 |
| 1986 | 27 | 51 | 770 | 2853 | 1511 | 1390 | 732 | 509 | 14 | 412 | 461 | 262 | 8992 |
| 1987 | 219 | 681 | 1467 | 1673 | 2753 | 1381 | 286 | 1133 | 164 | 200 | 2716 | 60 | 12733 |
| 1988 | 385 | 129 | 272 | 4441 | 1451 | 722 | 1830 | 2373 | 794 | 1277 | 1521 | 850 | 16045 |


| Station No. |  | 5016 |  |  |  |  |  |  | (Unit: 0.1 mm ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  | Mean |  |  |  |  |  |  | Annual |
| Yeas | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Ot. | Nov. | Dec. | Mean |
| 1959 |  |  | 655 | 706 | 1716 | 959 | 1205 | 2085 | 1100 | 751 | 497 | 133 |  |
| 1960 | 127 | 186 | 1086 | 808 | 1331 | S55 | 999 | 1807 | 934 | 125 | 409 | 556 | 8923 |
| 1961 |  |  | 498 | 675 | 1306 | 1577 | 1554 | 2599 | 1119 | 735 | 2761 | 1083 |  |
| 1962 | 689 | 120 | 418 | 1416 | 2684 | 669 | 2452 | 1019 | 946 | 518 | 695 | 163 | 11789 |
| 1963 | 394 | 329 | 988 | 3077 | 2913 | 322 | 1050 | 2760 | 749 | 335 | 2605 | 1178 | 16700 |
| 1964 |  | 488 | 285 | 2215 | 720 | 1085 | 2030 | 1299 | 1222 | 600 | 193 | 193 |  |
| 1965 | 404 | 31 | 895 | 1398 | 820 | 471 | 1209 | 846 | 219 | 780 | 280 | 199 | 7552 |
| 1966 | 94 | 569 | 727 | 1743 | 321 | 663 | 1219 | 1334 | 1213 | 298 | 152 | 122 | 8455 |
| 1967 |  | 139 | 496 | 1391 | 2687 | 1181 | 2270 | 1908 | 318 | 549 | 1054 | 53 |  |
| 1968 |  | 1272 | 1401 | 1760 | 1194 | 671 | 938 | 1486 | 286 | 540 | 486 | 274 |  |
| 1969 | 902 | 490 | 1600 | 28 | 2377 | 77 | 1955 | 1256 | 579 | 623. | 103 |  |  |
| 1970 | 1825 | 499 | 612 | 1399 | 1216 | 522 | 1483 | 2342 | 1256 | 376 | 192 | 292 | 12014 |
| 1971 | 117 | 88 | 119 | 966 | 1504 | 1691 | 1326 | 2046 | 886 | 406 | 77 | 350 | 9576 |
| 1972 |  | 944 | 473 | 839 | 642 | 1222 | 2972 | 1603 | 758 | 830 | 649 | 97 |  |
| 1973 | 466 | 484 | 25 | 308 | 2369 | 1075 | 1478 | 1954 | 958 | 640 | 640 | 164 | 10561 |
| 1974 | 104 | 122 | 716 | 201 | 1130 | 804 | 1965 | 1050 | 589 | 343 | 131 |  |  |
| 1975 |  | 31 | 407 | 1375 | 1875 | 989 | 1243 | 2682 | 1933 | 1237 |  | 463 |  |
| 1976 |  | 150 | 149 | 682 | 1563 | 796 | 1357 | 2089 | 350 | 132 | 613 | 19 |  |
| 1977 | 521 | 572 | 480 | 2636 | 1029 | 1064 | 1329 | 1299 | 805 |  |  | 170 |  |
| 1978 | 690 | 1740 | 1309 | 328 | 1103 | 1684 | 1426 | 1987 | 746 | 541 | 155 | 335 | 12014 |
| 1979 | 599 | 1034 | 616 | 1513 | 1256 | 1729 | 1068 | 961 | 611 | 60 | 428 | 41 | 9916 |
| 1980 | 215 | 62 | 322 | 1473 | 3002 | 1567 |  | 678 | 422 | 242 | 562 | 15 |  |
| 1981 | 33 | 150 | 2133 | 1348 | 894 | 865 | 1290 | 2309 | 884 | 49 | 54 | 550 | 10559 |
| 1982 | 61 | 128 | 400 | 1217 | 1636 | 395 |  | 1425 | 893 | 623 | 1285 | 812 |  |
| 1983 | 178 | 356 | 275 | 757 | 1214 | 1691 | 875 | 2069 | 1376 | 438 | 528 | 271 | 10028 |
| 1984 | 88 |  | 162 | 422 | 718 | 1448 | 1076 | 1215 | 334 | 686 | 625 | 137 |  |
| 1985 | 54 | 679 | 1675 | 1277 | 1483 |  | 713 | 1099 | 457 | 28 |  | 5 |  |
| 1986 | 20 | 164 | 699 | 2246 | 815 | 1143 | 1391 | 719 | 581 | 17 | 46 | 152 | 7993 |
| 1987 | 336 | 848 | 834 | 1117 | 1195 | 682 | 633 | 1326 | 209 | 607 | 1530 | 55 | 9372 |
| 1988 | 348 | 330 | 376 | 2136 | 1305 | 648 | 2527 |  | 1928 | 513 | 101 | 122 | , |



| Station No. | 8935020 |  |  |  |  |  |  |  | (Unit: 0.1 mm ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  | Mean |  |  |  |  |  |  | Annual |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oct. | Nov. | Dec. | Mean |
| 1959 |  |  | 1735 | 754 | 1578 | 772 | 1416 | 1920 | 969 | 559 | 792 | 362 |  |
| 1960 | 44 | 79 | 1553 | 1066 | 1019 | 94 | 1878 | 1928 | 798 | 424 | 824 | 365 | 10073 |
| 1961 | 48 |  | 432 | 1514 | 769 | 1443 | 2099 | 3343 | 1106 | 1894 | 5958 | 1615 |  |
| 1962 | 682 | 3 | 753 | 1447 | 3285 | 1135 | 2091 | 1637 | 958 | 689 | 391 | 227 | 13298 |
| 1963 | 791 | 536 | 1269 | 3874 | 3034 | 118 | 1833 | 2025 | 556 | 165 | 2439 | 3384 | 20024 |
| 1964 | 89 | 229 | 1410 | 2861 | 478 | 1416 | 2736 | 3545 | 1188 | 1508 | 193 | 582 859 | 16235 |
| 1965 | 387 | 137 | 478 | 1227 | 281 | 214 | 663 | 617 | 51 | 894 | 982 | 859 | 6790 |
| 1066 |  | 913 | 670 | 3718 | 277 | 920 | 2253 | 2071 | 1202 | 483 | 997 |  |  |
| 1967 |  | 178 | 1166 | 2104 | 3794 | 1333 | 2528 | 1499 | 89 | 554 | 2014 | 63 |  |
| 1968 |  | 2343 | 1833 | 2446 | 1163 | 755 | 932 | 1968 |  | 889 | 971 | 526 |  |
| 1969 | 969 | 599 | 891 | 41 | 1936 | 193 | 1881 | 788 | 1834 | 712 | 460 |  |  |
| 1970 | 1969 | 36 | 2777 | 1338 | 1303 | 1384 | 1817 | 2796 | 681 | 272 | 544 | 1 | 15548 |
| 1971 | 696 |  | 38 | 1616 | 2110 | 1781 | 2069 | 3610 | 1201 | 249 | 362 | 574 |  |
| 1972 | 147 | 781 | 18 | 1018 | 2194 | 3453 | 1241 | 1681 | 805 | 1377 | 1598 | 294 | 14607 |
| 1973 | 407 | 572 |  | 628 | 1076 | 410 | 1899 | 2209 | 749 |  | 643 | 200 |  |
| 1974 | 169 | 230 | 2453 | 1080 | 836 | 779 | 2879 |  |  |  |  |  |  |
| 1975 |  | 103 | 320 | 2418 | 2992 | 839 | 2603 | 4905 | 1602 | 1194 | 134 | 100 |  |
| 1976 | 25 | 52 | 116 | 1342 | 1365 | 1439 | 3000 | 3037 | 526 | 293 | 453 | 601 | 12249 |
| 1977 | 946 | 175 | 207 | 4041 | 2088 | 1848 | 4266 | 1839 | 452 | 1993 | 3687 | 625 | 22167 |
| 1978 | 985 | 1939 | 2017 | 886 | 1135 | 1547 | 3339 | 1643 | 1965 | 820 | 646 | 1145 | 18067 |
| 1979 | 1188 | 2329 | 978 | 1309 | 1519 | 1352 | 1213 | 2103 | 670 | 147 54 | 1002 |  |  |
| 1980 | 280 | 33 | 356 | 2515 | 3793 | 964 | 208 | 1230 | 332 | 54 | 1172 | 71 | 11008 |
| 1981 |  | 215 | 2472 | 3130 | 1130 | 672 | 3119 | 1923 | 988 | 302 | 276 | 188 |  |
| 1982 | 337 | 680 | 551 | 4447 | 3290 | 798 | 565 | 2569 | 892 | 1024 | 3038 | 1231 | 19422 |
| 1983 | 64 | 1039 | 270 | 1518 | 962 | 1411 | 1724 | 3277 | 1215 | 1827 | 849 | 1237 | 15393 |
| 1984 | 65 | 5 | 19 | 760 | 193 | 488 | 742 | 644 | 601 | 257 | 2096 | 342 | 6212 |
| 1985 | 196 | 130 | 1431 | 4702 | 1586 | 955 | 1517 | 948 | 144 | 233 | 707 |  |  |
| 1986 |  |  | 252 | 2396 | 827 | 2312 | 1487 | 823 | 1053 | 325 | 210 | 296 |  |
| 1987 |  | 670 | 711 | 1780 | 4492 | 2077 | 771 | 483 |  | 320 | 2007 |  |  |
| 1988 | 538 | 51 | 295 | 2925 | 1269 | 1363 | 3736 | 2343 | 2659 | 927 | 597 | 808 | 17511 |



Station

| No |  |  |  |  |  |  |  |  | (Unit: 0.3 mm ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Month |  |  |  |  | Mean |  |  |  |  |  |  | Annual |
|  | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oct. | Nov. | Dec. | Mean |
| 1959 |  |  | 794 | 2009 | 1798 | 538 | 1041 | 1305 | 2005 | 1541 |  |  |  |
| 1960 | 671 | 509 | 2077 | 1791 | 1795 | 1498 | 1404 | 1451 | 1650 | 1541 | 1783 | 937 |  |
| 1961 | 351 |  | 1175 | 1508 | 1548 | 1498 958 | 951 | 2597 | 1650 1574 | 716 1196 | 1149 4275 | 249 2440 | 14960 |
| 1962 | 1586 | 84 | 1322 | 3191 | 3099 | 1732 | 1806 | 1873 | 1974 | 1196 | 4275 870 | 2440 |  |
| 1963 | 1163 | 1640 | 1494 | 2660 | 3144 | 1407 | 731 |  | 1921 641 | 1331 721 | 870 2728 | 1074 2150 | 19889 |
| 1964 | 285 | 1458 | 1529 | 3551 | 2385 | 1203 | 2644 | 1598 | 641 1588 | 721 | $\begin{array}{r}2728 \\ \hline 487\end{array}$ | 2150 | 20337 |
| 1965 | 688 | 486 | 1283 | 3110 | 1081 | 827 | 2376 | 1455 | $\begin{array}{r}1588 \\ \hline 984\end{array}$ | 1371 | 487 1958 | 600 1158 | 18705 |
| 1965 | 198 | 2496 | 1498 | 2434 | 824 | 1269 | 1197 | 2218 | 984 1841 | 1681 1365 | 1958 1047 | 1158 | 17087 |
| 1967 | 437 | 632 | 1726 | 2382 | 2456 | 1221 | 1585 | 1201 | 1841 | 1365 | 3392 | 603 2040 | 16990 19471 |
| 1968 | 284 | 2149 | 1281 | 2664 | 818 | 1635 | 1105 | 2190 | 974 | 1355 | 3392 1840 | 2040 | 19471 17571 |
| 1969 | 1108 | 1588 | 1327 | 386 | 2117 | 1406 | 914 | 2627 | 1039 | 1355 | 1840 | 1276 511 | 17571 14832 |
| 1970 | 3142 | 650 | 3134 | 2578 | 1589 | 1443 | 943 | 2258 | 1092 | 1118 | 891 | 511 | 14832 20563 |
| 1971 | 616 | 97 | 343 | 2723 | 2280 | 1192 | 2416 | 2276 | 1992 884 | 1274 | 804 | 756 | 20563 17610 |
| 1972 | 267 | 2031 | 660 | 1349 | 2116 | 1696 | 1186 | 1383 | 884 1117 | 1641 2316 | 696 1882 | 2446 | 17610 |
| 1973 | 1959 | 2201 | 62 | 998 | 2890 | 2109 | 1475 | 1569 | 1138 | 2316 | 1882 | 1187 | 17190 |
| 1974 | 525 | 507 | 2005 | 1958 | 706 | 1856 | 2295 | 1569 971 | 1386 | 1018 | 1163 | 145 | 16975 |
| 1975 | 259 | 497 | 1026 | 1471 | 1734 | 1404 | 2583 | 2376 | 1903 | 932 | 635 | 402 | 14695 |
| 1976 | 167 | 1193 | 768 | 1474 | 2379 | 592 | 1581 | 2376 | 1973 | 1360 | 131 | 892 | 15706 |
| 1977 | 1200 | 1650 | 591 | 2228 | 1814 | 2278 | 874 | 1782 | 661 | 142 | 1418 | 844 | 13001 |
| 1978 | 1718 | 1950 | 2373 | 1555 | 1516 | 1739 | 728 | 1712 | 1035 | 1865 | 2363 | 1074 | 19017 |
| 1979 | 1105 | 3687 | 1691 | 1479 | 2423 | 1544 | 1613 | 3432 | 1414 | 1395 | 1154 | 2445 | 19700 |
| 1980 | 1333 | 49 | 1272 | 3085 | 2216 | 1293 | 1613 | 3432 | 1178 | 92 | 1827 | 1086 | 21157 |
| 1981 | 381 | 536 | 1894 | 2228 | 1498 | 1257 | 2128 | 1924 | 1124 | 960 | 1492 | 628 | 15518 |
| 1982 | 488 | 820 | 886 | 1912 | 1853 | 1407 | + 8128 | 1924 | 1976 | 442 | 693 | 729 | 15686 |
| 1983 | 412 | 1063 | 334 | 1968 | 1116 | 1274 | 1667 | 1786 | 956 | 1344 | 2037 |  |  |
| 1984 | 778 | 354 | 498 | 1706 | 809 | 983 | 2194 | 2146 | 1027 | 1437 | 1273 | 1278 | 14995 |
| 1985 | 230 | 637 | 1803 | 2679 | 3755 | 1479 | 1737 | 1795 | 1456 | 1487 | 1538 | 859 | 14455 |
| 1986 | 810 | 1241 |  | 2269 |  | 1073 | 2148 | 1945 | 1286 | 720 | 1184 | 637 | 18092 |
| 1987 | 1195 | 632 | 1948 |  | 2028 | 1170 |  | 738 |  |  |  |  |  |
| 1988 | 1390 | 370 | 2435 | 4610 | 1330 | 1735 | 1850 | 2340 | 815 | 1035 | 2783 | 73 |  |
|  |  |  |  |  |  | 173 | 1850 | 2340 | 1960 | 1480 | 1320 | 258 | 21108 |


| Station No. |  | 45 |  |  |  |  |  |  |  | (Unit: 0.1 mm ) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  |  | Mean |  |  |  |  |  | Annual |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oct. | Nov. | Dec. | Mean |
| 1959 |  |  | 463 | 287 | 930 | 246 | 1992 | 1521 | 788 | 515 | 733 | 33 |  |
| 1960 |  |  | 1344 | 855 | 836 | 490 | 1298 | 2320 | 739 | 364 | 625 | 348 |  |
| 1961 |  |  | 72 | 1070 | 687 | 817 | 1168 | 2902 | 690 | 620 | 625 | 1045 |  |
| 1962 | 424 |  | 235 | 1372 | 1388 | 229 | 1975 | 1349 | 1950 | 325 | 368 | 153 |  |
| 1963 | 282 | 399 | 1119 | 2272 | 2170 |  | 1021 |  |  |  |  |  |  |
| 1954 |  | 551 | 490 | 1467 | 393 | 633 | 3036 | 1770 | 1461 | 607 |  | 447 |  |
| 1965 | 416 | 76 | 599 | 1189 | 471 | 335 | 717 | 866 | 57 | 1340 | 1004 | 221 | 7291 |
| 1966 | 69 | 670 | 432 | 3246 | 414 | 571 | 1500 | 1869 | 878 | 406 | 316 | 134 | 10505 |
| 1967 |  | 84 | 562 | 1733 | 2950 | 1283 | 2058 | 838 | 543 | 529 | 1336 |  |  |
| 1968 |  | 1325 | 1109 | 1271 | 381 | 375 | 2186 | 2234 |  | 432 | 486 | 166 |  |
| 1969 | 787 | 298 | 715 | 91 | 1961 | 124 | 1776 | 636 | 1337 |  | 780 |  |  |
| 1970 | 2340 | 5 | 974 | 1937 | 679 | 971 | 2076 | 2827 | 1147 | 744 | 198 | 390 | 14288 |
| 1971 | 144 | 60 | 16 | 709 | 1629 | 2088 | 2152 | 1283 | 844 | 924 | 219 | 396 | 10464 |
| 1972 | 137 | 1134 |  | 687 | 2599 | 2556 | 781 |  | 1387 | 1282 | 1065 | 372 |  |
| 1973 | 322 | 794 | 32 | 92 | 1118 | 1538 | 1137 | 2519 | 720 | 286 | 673 | 264 | 9495 |
| 1974 | 68 | 92 | 875 | 424 | 938 | 1426 | 1533 | 2205 | 304 | 259 | 87 | 69 | 8280 |
| 1975 |  | 117 | 861 | 1643 | 1449 | 2004 | 1678 | 4494 | 928 | 765 | 63 | 196 |  |
| 1976 | 15 | 165 | 116 | 599 |  | 1233 | 1656 | 981 | 919 | 131 | 566 | 59 |  |
| 1977 | 703 | 355 | 175 | 3813 | 1498 | 772 |  | 1163 | 350 | 1623 | 3058 | 77 |  |
| 1978 | 700 | 1513 | 1247 | 400 | 771 | 1325 | 1464 | 1098 | 729 | 345 | 140 | 647 | 10379 |
| 1979 | 500 | 1259 |  | 1893 | 1392 | 1138 | 1032 | 1232 | 422 | 113 |  | 238 |  |
| 1980 | 227 | 51 | 223 |  | 2161 | 678 | 540 | 1180 | 214 | 217 | 390 | 34 |  |
| 1981 |  | 25 | 1811 | 1932 | 761 | 836 | 1570 | 1784 | 673 | 60 | 98 |  |  |
| 1982 | 31 | 217 | 510 | 978 | 342 | 807 | 42 |  |  |  |  |  |  |
| 1983 | 64 | 344 | 353 | 1370 | 1751 | 947 | 655 | 2178 |  | 1261 | 627 | 361 |  |
| 1984 | 25 | 105 | 137 | 779 | 319 | 512 | 1398 | 426 | 560 | 144 | 611 | 351 | 5367 |
| 1985 | 76 | 293 | 1196 |  | 851 | 636 | 898 | 655 | 417 | 83 | 706 |  |  |
| 1986 | 283 | 37 | 553 | 1478 | 1203 | 1182 |  | 828 | 544 |  | 40 | 450 |  |
| 1987 | 541 | 664 | 957 | 1085 | 2121 | 2400 | 601 |  |  |  |  |  |  |
| 1988 | 455 | 397 | 680 | 2506 | 530 | 1325 | 3082 | 2161 | 2131 | 682 | 216 | 197 | 14362 |


| $\begin{array}{c}\text { Station } \\ \text { No. }\end{array}$ |
| :---: |
| 935062 |


|  | Month |  |  |  |  |  | Mean |  |  |  |  |  | Annual Mcan |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Sep | Oct. | Nov. | Dec. |  |
| 1959 |  |  | 1826 | 1671 | 1255 | 1654 | 1177 | 1410 | 1379 | 2112 | 1563 | 658 |  |
| 1960 | 249 | 528 | 3852 | 2311 | 1848 | 1380 | 1085 | 2354 | 1718 | 488 | 1377 | 216 | 17406 |
| 1961 | 10 |  | 1492 | 2417 | 2491 | 1223 | 1110 | 1899 | 2539 | 2081 | 3628 | 1594 |  |
| 1962 | 1272 | 615 | 1392 | 3072 | 2209 | 2551 | 1557 | 1784 | 1566 | 1032 | 1071 | 397 | 18518 |
| 1963 | 924 | 1038 | 1653 | 2649 | 2420 | 1278 | 1674 | 1310 | 808 | 684 | 1658 | 996 | 17092 |
| 1964 |  | 600 | 1307 | 2168 | 1571 | 1697 | 1213 | 18.55 | 1597 | 1353 | 109 | 629 |  |
| 1965 | 154 | 338 | 1116 | 1872 | 1482 | 1006 | 829 | 1301 | 1014 | 2181 | 1172 | 355 | 12820 |
| 1966 | 1198 | 1543 | 778 | 2032 | 1026 | 1196 | 1720 | 2172 | 1878 | 277 | 1174 | 342 | 15336 |
| 1967 |  | 704 | 947. | 2333 | 3344 | 1813 | 2684 | 2567 | 1423 | 1523 | 1525 | 231 |  |
| 1968 | 229 | 1264 | 1411 | 2460 | 1560 | 2753 | 1178 | 1836 | 1287 | 1448 | 647 | 710 | 16783 |
| 1969 | 2219 | 702 | 1039 | 232 | 2381 | 1491 | 1831 | 1270 | 1404 | 1519 | 414 | 286 | 14788 |
| 1970 | 2658 | 718 | 1502 | 1967 | 2149 | 949 | 1072 | 2325 | 723 | 1265 | 230 | 939 | 16497 |
| 1971 | 660 | 64 | 148 | 1630 | 2563 | 1323 | 1948 | 2490 | 1892 | 1138 | 473 | 1130 | 15459 |
| 1972 | 11 | 1470 | 366 | 1666 | 2782 | 2110 | 2545 | 1220 | 1710 | 1513 | 1101 | 255 | 16749 |
| 1973 | 1500 | 1431 | 45 | 891 | 3448 | 1294 | 1502 | 1691 | 1525 | 1020 | 1093 | 157 | 15597 |
| 1974 | 443 | 186 | 1742 | 1453 | 3008 | 2760 | 2771 | 1139 | 1833 | 1034 | 233 | 236 | 16838 |
| 1975 | 201 | 436 | 1577 | 2649 | 2833 | 1195 | 2365 | 3263 | 2174 | 1319 | 47 | 493 | 18552 |
| 1976 | 68 | 120 | 346 | 2018 | 3544 | 1719 | 1928 | 2261 | 2274 | 193 | 895 | 194 | 15560 |
| 1977 | 959 | 1755 | 1074 | 2735 | 2535 | 1519 |  | 1918 | 1089 | 1321 | 1262 | 586 |  |
| 1978 | 1306 | 1454 | 1785 | 1929 | 1634 | 2227 | 1758 | 1953 | 1317 | 2165 | 605 | 1274 | 19407 |
| 1979 | 640 | 2412 | 975 | 986 | 1567 | 1416 | 2402 | 2065 | 1277 | 131 | 982 | 113 | 14966 |
| 1980 | 1158 | 208 | 314 | 1733 | 2637 | 1248 |  | 2039 | 212 |  |  |  |  |
| 1981 |  | 25 |  |  |  |  |  |  |  |  |  |  |  |
| 1982 | 1313 | 650 | 1072 | 2023 | 2269 | 832 | 1247 | 2371 | 2024 | 1814 | 2395 | 252 | 18262 |
| 1983 | 437 |  |  |  |  |  |  |  |  |  |  | 785 |  |
| 1984 | 114 |  |  |  | 2025 | 2157 |  |  |  |  | 1031 | 389 |  |
| 1985 | 649 | 637 | 1714 | 2123 | 1957 | 1711 | 2511 | 1587 | 1555 | 385 | 729 | 105 | 15663 |
| 1986 | 95 | 270 | 1491 | 1961 | 1383 | 934 | 967 | 1358 | 725 | 577 |  |  |  |
| 1987 | 883 | 921 | 1770 | 1377 | 2439 | 1185 | 1230 | 2731 |  | 1307 | 1994 | 340 |  |
| 1988 | 693 | 710 | 1342 | 3043 |  |  |  |  |  |  |  |  |  |


| Station No. | 8935086 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Month |  |  |  |  |  | Mean |  |  |  |  |  | Annual Mean |
| Year | Jan. | Feb. | Mar. | Apr. | May | Jun | Jul. | Aug. | Scp | Ot. | Nov. | Dec. |  |
| 1959 |  |  | 958 | 365 | 1306 | 475 | 1766 | 1429 | 993 | 610 | 788 | 127 |  |
| 1960 | 16 | 191 | 1624 | 735 | 1245 | 510 | 1370 | 2672 | 610 | 450 | 526 | 537 | 10486 |
| 1981 | 29 |  | 228 | 1231 | 750 | 993 | 1319 | 2642 | 1218 | 678 | 2597 | 1299 |  |
| 1962 | 602 | 11 | 374 | 1794 | 2234 | 966 | 1563 | 2269 | 1767 | 356 | 417 | 96 | 12449 |
| 1963 | 931 | 436 | 1575 | 2447 | 1532 | 494 | 1658 | 2513 | 236 | 124 | 1096 | 1739 | 14781 |
| 1964 | 13 | 1471 | 476 | 1296 | 688 | 636 | 3321 | 1818 | 1701 | 710 | 61 | 484 | 12675 |
| 1965 | 894 | 204 | 656 | 1520 | 309 | 740 | 1113 | 944 | 89 | 1123 | 933 | 367 | 8892 |
| 1966 | 131 | 649 | 364 | 3545 | 521 | 944 | 1932 | 2684 | 1285 | 258 | 474 | 359 | 13126 |
| 1967 |  | 67 | 655 | 1681 | 3739 | 2279 | 2424 | 922 | 601 | 404 | 1237 |  | 1512 |
| 1968 |  | 2631 | 739 | 1544 | 440 | 926 | 2313 | 2140 | 8 | 740 | 405 | 257 |  |
| 1969 | 577 | 399 | 1142 | 36 | 2036 | 509 | 2182 | 977 | 1130 | 782 | 348 |  |  |
| 1970 | 2088 | 185 | 873 | 2961 | 897 | 944 | 1382 | 3193 | 1405 | 423 | 185 | 495 | 15031 |
| 1971 | 144 | 40 |  | 815 | 1800 | 2035 | 1872 | 2040 | 795 | 645 | 105 | 620 | 15031 |
| 1972 |  | 965 | 200 | 1200 | 1711 | 1105 | 1095 | 1630 | 716 | 922 | 928 | 231 |  |
| 1973 | 327 |  |  |  |  |  |  |  |  |  | 82 | 23. |  |



