

ESTACIÓN PENITAS MEDIOS

♀ I D E A M - INSTITUTO DE HIDROLOGIA, METEOROLOGIA Y ESTUDIOS AMBIENTALES

SISTEMA DE INFORMACION
NACIONAL AMBIENTAL

VALORES MEDIOS MENSUALES DE CAUDALES (m3/seg)

FECHA DE PROCESO : 2015/03/10

ESTACION : 54097010 PENITAS

LATITUD	0417 N	TIPO EST	LG	DEPTO	CHOCO	FECHA-INSTALACION	1969-MAR
LONGITUD	7701 W	ENTIDAD	01 IDEAM	MUNICIPIO	EL LITORAL DEL SAN JUAN	FECHA-SUSPENSION	
ELEVACION	0007 m.s.n.m	REGIONAL	09 VALLE-QUINDI	CORRIENTE	SAN JUAN		

A#O EST ENT ENERO * FEBRE * MARZO * ABRIL * MAYO * JUNIO * JULIO * AGOST * SEPTI * OCTUB * NOVIE * DICIE * VR ANUAL *

A#O	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1965	2	01	1879 6	1684 6	1414 6	1873 6	2165 6	1724 6	1768 6	1767 6	2007 6	2359 6	2016 6	2273 6	1910.75
1966	2	01	1657 6	1647 6	1716	1959 6	2152 6	2686 6	2216 6	2067 6	2139 6	2259 6	2389 6	2466 6	2112.75
1967	2	01	1759 6	1826 6	1726 6	1616 6	2052 6	2030 6	1822 6	1780 6	1812 6	2204 6	3138 6	2303 6	2005.67
1968	2	01	1562 6	1522 6	1690 6	2057 6	2083 6	2094 6	2037 6	2020 6	1964 6	2482 6	2342 6	2405 6	2021.50
1969	4	33	1485 6	1720 6	1737	1907	1956	1953	1352	2000	2289	3053	2657	2245	2029.50
1970	4	33	1778 6	1707 1	1642 1	2202 1	2606 1	1993 1	2027 1	2005 1	2084 1	3055 1	3085 1	2767 1	2245.92
1971	2	01	2472 6	2130 6	2078 6	1925	2474	2520	2311 6	2696 6	2863 6	2726 6	3361 6	2175	2477.58
1972	2	01	2265	1344 6	1428 6	1245 6	2564 6	2032	1507	1352 6	1895	1887	2256	1527 6	1775.17
1973	2	01	1060	1042	1392 8	1912 8	2647 8	2998 8	2256 8	3055 8	3035 8	3902 8	4255 8	3224 8	2564.83
1974	2	01	2057 6	1946 6	2322 6	1577	2365 1	2471 1	2306 1	2213 1	2394 1	3300 1	2999 1	1990 1	2328.33
1975	2	01	1291	1647	1196 1	1287 1	2345 1	1845 1	2138 1	2651 1	2269 1	2542 1	3836 8	2725 1	2147.67
1976	2	01	1587 1	1036 1	1393 1	1189 1	1507 1	1429 1	926.0 1	1049 1	1355 1	2250 1	2218 1	1423 1	1446.83
1977	2	01	935.6 1	1348 1	1159 1	1625 1	2492 1	2103 1	2013 1	2403 1	2310 6	3355 1	2782 1	1943 1	2039.05
1978	2	01	1412 8	1487 8	1698 8	2742	2738	2078	1967 7	1985	2503	2818	2228	2295 7	2162.58
1979	2	01	1745 6	1907 6	1764 6	2337 6	2300 6	2725 6	2295 8	2313 6	2657 8	2744 8	2392 1	2066 1	2270.42
1980	2	01	1559 1	1771 1	1098 1	1673 1	2133 6	2013 6	2098 6	1920	2344	2807	2918	2381 6	2059.58
1981	2	01	1870 6	1997 6	2087 6	2293	2385	2194	2001	2278	1940	2603	3319	2432	2283.25
1982	2	01	1474	1675	1603	2075	2251	1830	1531	1472	2249	2025	1763	1754	1808.50
1983	2	01	1261	950.7 6	1206	1567	1770	1811 1	1289 1	1841 1	1772 1	2019 1	2187 1	2049 1	1643.56
1984	2	01	1866 1	2232 1	1622	1833	2155	2324	1959	2201	2171	2923	2762 1	2218 1	2188.83
1985	2	01	1703 1	1411 1	1351 1	2073	2169	1934	1826	1885 1	2094 1	2420 1	2486 1	1957 1	1942.42
1986	2	01	2070 1	1528 1	1417 1	2557	2441	1833	1633 1	1582 1	2073 1	2867 1	2237 1	1555 1	1982.75
1987	2	01	1461 1	1197 1	1499 1	1609 1	1798 1	1417	1879	2056 1	2445 1	2501 1	2237 1	2144 1	1853.58
1988	2	01	1501 1	1649 1	1219 8	2548 1	1982	1975	2024	2437	2647 1	2976 1	3382 1	2357 1	2224.75
1989	2	01	2016 1	1534 6	1119 8	1938 1	2029 1	2335 1	1903 1	2267 1	2230 1	2289 1	2419 1	2690 8	2064.08
1990	2	01	2330 8	1871 1	1587 6	1852 6	2261 1	1515 1	1732 1	1821 8	2415 1	3366 8	2776 1	1985 1	2125.92
1991	2	01	1829 1	1586 1	1652 1	1618 1	2322 6	2489 6	1599 1	1491 1	2089 1	1822 1	2242 1	2258 1	1916.42
1992	2	01	1634	1869 8	1447 6	1490 6	1829 1	1681 1	1432 1	1775 1	2551 1	2139 1	2104 1	2351 1	1858.50
1993	2	01	2228 1	1836 1	1553 1	1890 8	2358 6	1734	1580 7	2317 1	2172 1	2739 1	2508 1	2160 1	2089.58
1994	2	01	1779 1	1835 1	1902 1	2145 1	2398 1	2439 1	1814 1	2276 1	2605 1	2793 8	3247 1	2561 1	2316.17
1995	2	01	1151 1	1155 1	1161	2622 1	3084 1	2711 1	2056 1	2152 1	2168 1	3014 1	2794 1	2869 1	2244.75
1996	1	01	2187 1	2060	2194	2224 1	3657 8	2332 1	2126 1	2485 3			*	2156 1	2380.11 3
1997	1	01	2241 1	1819 1	1725 8	1706 1	1905	1992	1592 3	1359	1649	1885 1	2298 1	1295 1	1788.83 3
1998	1	01	1172 3	1382 3		*	1978 1	1907 1	1887	2026 3	2501	3045 3	3044	2424 3	2136.60 3
1999	2	01	2301	2432	1860	2830 1	2503 1	2472 1	2134 1	2996 1	3120 1	2783 8	4307 8	3374 8	2759.33
2000	2	01	1871 3	2126	1983	2397	2731 1	2186	2299 1	2015 1	2858	2642 3	2923	2134	2347.08 3
2001	2	01	1955	*	2050	2097 3	3040	1918	2036	2200	2507 3	2580 3	3818 8	3204 8	2491.36 3
2002	2	01	1982 1	1580	1784 1	2297	2376	1571	2460	2020	2755	3288 8	2547	2436	2258.00
2003	1	01	2104	1592	1709	1906	2575	2382 1	2060 1	2858 1	2547 1	3289 1	2654 3	3220 3	2408.00 3
2004	1	01	2397	1602	*	2007 8	3081 3	1899	2137	2279 1	3393 8	2922			2413.00 3
2005	1	01					2489	2250 1	2312 1	2589 8	2897 8	2984	3619 3	2527	2708.38 3
2006	1	01	2484 3	1948	2425	2843	2923	2319	2253 3	2156 3	2155 3	2332	2989 3	2624 1	2454.25 3
2007	1	01	2167	1195 3	1780	2692	2526 1	2192 1	2354 1	2757 8	3167 3	3760 1	3679 8	3060 1	2610.75 3
2008	1	01	2649 1	2298 3	1805	2415	2482	2113	2169 1	2362 1	2167 1	2385	3176 8	3174 8	2432.92 3
2009	1	01	2250	2556 3	2713	2281	1977 3	2548	2000 3	2455 3	2085	2902	2393 3	2257 3	2368.08 3♀
2010	1	01	1375	1529	1859	2241	2508	2531	2608	2688	2896	3290 1	4652 3	3701 3	2656.50 3
2012	1	01	2052 3	1798 3	1899	1864	*	*	*	*	*	*	*	*	1903.25 3
MEDIOS			1823	1689	1674	2023	2360	2120	1951	2139	2361	2718	2851	2381	2174.11
MAXIMOS			2649	2556	2713	2843	3657	2998	2608	3055	3393	3902	4652	3701	4652.00
MINIMOS			935.6	950.7	1098	1189	1507	1417	926.0	1049	1355	1822	1763	1295	926.00♀

ESTACIÓN NOANAMA ASERRIO MEDIOS

SISTEMA DE INFORMACION
NACIONAL AMBIENTAL

VALORES MEDIOS MENSUALES DE CAUDALES (m3/seg)

FECHA DE PROCESO : 2015/03/10			ESTACION : 54057010 NOANAMA ASERRIO												
LATITUD	0440 N	TIPO EST	LG	DEPTO	CHOCO <th>FECHA-INSTALACION</th> <td>1975-MAR </td>	FECHA-INSTALACION	1975-MAR								
LONGITUD	7656 W	ENTIDAD	01 IDEAM	MUNICIPIO	MEDIO SAN JUAN <th>FECHA-SUSPENSION</th> <td></td>	FECHA-SUSPENSION									
ELEVACION	0016 m.s.n.m	REGIONAL	09 VALLE-QUINDI	CORRIENTE	SAN JUAN										
A#O	EST	ENT	ENERO *	FEBRE *	MARZO *	ABRIL *	MAYO *	JUNIO *	JULIO *	AGOST *	SEPTI *	OCTUB *	NOVIE *	DICIE *	VR ANUAL *
1965	2	01	1477 6	1194 6	964.5 6	1355 6	1604 6	1228 6	1241 6	1240 6	1447 6	1751 6	1455 6	1677 6	1386.13
1966	4	33	1285 6	1163 6	1222 6	1429 6	1593 8	2048	1628	1499	1561	1665	1777	1844	1559.50
1967	4	33	1373	1315	1230 8	1136	1508	1489	1287	1251	1279 8	1618	2425 8	1703	1467.83
1968	4	33	1203	1057	1199	1512	1534	1544	1473	1458	1410	1858	1737	1791	1481.33
1969	4	33	1127	1320	1157	1338	1432	1329	873.9	1429	1584	2136	2013	1734	1456.08
1970	4	33	1421	1207	1193	1617	1930	1421	1323	1390	1533 6	2698 6	2761 6	2057 6	1712.58
1971	2	01	1999 8	1616	1749	1208	1641	1658	1449	1796	1850	1828	2346	1578	1726.50
1972	2	01	1724	989.8 6	1058 6	869.7 6	1678	1284	989.6 6	1041 6	1303 6	1302 6	1484 1	1053 6	1231.34
1973	2	01	846.5 6	220.3	619.8	981.2	1580	1738	1447	1934	1659	2931 6	3079	2482 6	1626.48
1974	2	01	1551	1452	1437	952.7	1642	1727	1653	1198	1995	2730	2171	1517 8	1668.81
1975	2	01	1195	1552	975.5	1059	1712	1400	1576	1860	1614	1825	2687 8	1905	1613.38
1976	2	01	1259 1	986.2 1	1048 1	1090 1	1188 1	1151 1	760.6 1	803.0	1062 1	1728 1	1765 1	1157 1	1166.48
1977	2	01	705.6	771.0	734.9	1017	1675	1434	1391	1753	1573	2512	2054	1279	1408.29
1978	2	01	1097 1	951.8 1	1050 1	1921 6	1833 1	1349 1	1189 1	1258	1725	2258 8	1552	1685 1	1489.07
1979	2	01	1016 1	1073 1	941.4 1	1407 6	1694 6	1886 6	1795 6	1551 6	2057 6	2044 8	1795 1	1487 1	1562.20
1980	2	01	1337 1	1562 1	836.4 1	1322 1	1773 1	1612 1	1641 1	1477 1	1795 1	2327 1	2408 1	1848 1	1661.53
1981	2	01	1431 1	1627 1	1610 1	1885 1	2004 1	1781 1	1600 1	1746 1	1428	2311 6	1962 6	2220 6	1800.42
1982	2	01	1113 6	1284 6	1210 6	1640 1	1879 1	1409 1	1085 1	820.5 1	1724	1716	1543 6	1239	1388.54
1983	2	01	919.3 6	715.0 6	912.4 6	1121	1549 6	1426 1	960.1	1296 1	1398 1	1677 1	1836 1	1850 1	1304.98
1984	2	01	1655 1	1998 1	1243 1	1417 1	1558 1	1823 1	1499 1	1595	1610	2439 8	2377 8	1796 1	1750.83
1985	2	01	1434 1	1054 1	1014 1	1400 1	1512 1	1243 1	1177 1	1346 1	1534 1	1782 1	1880 1	1514 1	1407.50
1986	2	01	1732	1275	927.2 1	2050 1	1895 1	1300 1	1177 1	1076 1	1547 1	2186 1	1764 1	1189 1	1509.85
1987	2	01	1022 1	856.0 1	1047 1	1195 1	1347 1	1094 1	1343	1628	1787 6	1879 6	1725 6	1703 1	1385.50
1988	2	01	1085 1	1264 1	849.0 1	1842 1	1780 6	1648 1	1889 1	1617 1	2146 1	1119 6	2716 8	1898 1	1654.42
1989	2	01	1568 1	1176 1	852.9 1	1380 1	1413 1	1668 1	1309 1	1589 1	1565	1718 1	1909 1	2091 8	1519.91
1990	2	01	1767 1	1380 1	1188	1375 1	1588 1	1043 1	1103 1	1271	1727	2637 8	2130	1732 1	1578.42
1991	2	01	1365 1	1209 1	1302 1	1175	1791 1	1995 1	1083	982.6 6	1539 6	1364 1	1799 1	1939 1	1461.97
1992	2	01	1263 1	1357 1	938.3	1026 1	1634	1524	986.0	1338 6	1756 6	1546 6	1739	1980	1423.94
1993	2	01	1817 8	1466	1290	1530	1868 8	1287 6	1173 8	1643	1668	2130	2068 1	1730 1	1639.17
1994	2	01	1412 1	1430 1	1525 6	1682 6	1786 6	1737 6	1355 6	1661 6	1988 6	2145 8	2498 8	2049 6	1772.33
1995	2	01	892.8 6	910.0 6	909.4 6	2140	2425	1938	1615	1620	1669	2370	2235 1	2349 1	1756.10
1996	1	01	1795 3	1616 3	1813 3	1681 3	2649 3	1987 3	1823 3	2190 3	2328 3	2358 3	2022	1525 1	1982.25 3
1997	1	01	1924 1	1625	1537	1556	1653	1594	1396	1235	1318	1662	1858	1036	1532.83
1998	1	01	1294	1605	1718	1567	2525	1924	1963	2191	2118	2297 8	3013 8	2210 8	2035.42
1999	2	01	1966	1717 9	1340 3	2261	2010	1737	1617	2322	2393	2396 8	3236 8	2732 8	2143.92 3
2000	2	01	1776	1785 3	1824 3	2017 3	2148	1821	1822	1568 3	2246	1954	2338	1771	1922.50 3
2001	2	01	1590	1034 8	1704 3	1429 3	2283 3	1341 3	1609 3	1592 3	1869 3	1884	2782 8	2361	1789.83 3
2002	2	01	1597 1	1200	1352	1879	1744	1075	1749	1457	1984	2142	1890	1914 8	1665.25
2003	1	01	1150 3	1394 3	1374 3	1531 3	1900	1696 1	1445 1	1925	1806 3	2398 3	1964 3	2442 8	1752.08 3
2004	1	01	1801 3	1280 1	1274 1	1472 1	2162 3	1406 3	1756	1561 1	2124 1	2027 1	2103 1	1645 1	1717.58 3
2005	1	01	1633 1	1340 7	1469 3	1599 3	1724 3	1561 1	1615 1	1703 3	1945 3	2058	2762 8	1985	1782.83 3
2006	1	01	1942	1538	1850	2004	2061 3	1620	1695 3	1392 3	1578	1789 3	2338 3	1934	1811.75 3
2007	1	01	1582 8	1056 3	1528 3	2162 3	1614 3	1489 3	*	1993 3	2106 3	2516 3	2599 3	2229 3	1897.64 3
2008	1	01	1886 3	1699 3	1380	1627 3	1899	1612	1651	1830	1468	1801	2195 3	2041 3	1757.42 3
2009	1	01	1772 1	1951 1	2096 1	1848 1	1390 1	1684 1	1438 1	1803 1	1507 1	2123 1	1789 3	1669 1	1755.83 3
2010	1	01	1025 1	1106 1	1308 1	1570 1	1907 1	1597 1	1861 1	1858 1	2089 1	2657 1	3561 3	2881 3	1951.67 3
2012	1	01	2158 1	*	*	*	*	*	*	*	*	*	*	*	2158.00 3
MEDIOS			1446	1291	1257	1506	1776	1551	1434	1539	1726	2050	2177	1836	1632.41
MAXIMOS			2158	1998	2096	2261	2649	2048	1963	2322	2393	2931	3561	2881	3561.00
MINIMOS			705.6	220.3	619.8	869.7	1188	1043	760.6	803.0	1062	1119	1455	1036	220.30

ESTACIÓN SALADO EL MEDIOS

VALORES MEDIOS MENSUALES DE CAUDALES (m3/seg)

SISTEMA DE INFORMACION
NACIONAL AMBIENTAL

FECHA DE PROCESO : 2015/03/10

ESTACION : 54027030 SALADO EL

LATITUD 0452 N

TIPO EST LG

DEPTO CHOCO

FECHA-INSTALACION 1973-AGO

LONGITUD 7651 W

ENTIDAD 01 IDEAM

MUNICIPIO MEDIO SAN JUAN

FECHA-SUSPENSION

ELEVACION 0045 m.s.n.m

REGIONAL 09 VALLE-QUINDI

CORRIENTE SAN JUAN

A#O EST ENT ENERO * FEBRE * MARZO * ABRIL * MAYO * JUNIO * JULIO * AGOST * SEPTI * OCTUB * NOVIE * DICIE * VR ANUAL *

1965	1	01	1024	6	844.7	6	685.8	6	841.1	6	993.8	6	755.8	6	764.2	6	763.5	6	894.4	6	1087	6	899.6	6	1040	6	882.83
1966	2	01	862.4	6	826.8	6	843.1	6	883.1	6	961.1	6	1186	6	986.8	6	925.7	6	955.1	6	1004	6	1057	6	1163	6	971.18
1967	2	01	930.7	6	910.4	6	847.5	6	710.0	6	920.9	6	921.0	6	825.3	6	808.3	6	821.6	6	982.1	6	1364	6	1073	6	926.23
1968	2	01	798.7	6	768.5	6	830.2	6	932.2	6	933.2	6	947.1	6	913.4	6	906.3	6	883.6	6	1096	6	1038	6	1130	6	931.43
1969	2	01	739.6	6	913.2	6	806.8	6	829.4	6	885.0	6	845.2	6	629.7	6	892.6	6	966.0	6	1227	6	1169	6	1093	6	916.38
1970	2	01	968.0	6	851.0	6	826.9	6	994.2	6	1120	6	888.8	6	842.4	6	874.1	6	941.9	6	1494	6	1523	6	1300	6	1052.03
1971	2	01	1317	6	1076	6	1090	6	752.6	6	983.8	6	1001	6	902.1	6	1066	6	1092	6	1082	6	1327	6	993.2	6	1056.89
1972	2	01	1023	6	731.6	6	751.5	6	552.7	6	1001	6	823.9	6	684.5	6	708.8	6	832.9	6	832.5	6	918.6	6	657.4	6	793.20
1973	2	01	521.7	6	467.7	6	506.7	6	618.6	6	955.0	6	1039	6	901.1	6	1132	6	1002	6	1445	8	1591	8	1683	8	988.57
1974	2	01	1421	8	1229	8	921.5	8	718.5	8	941.9	8	931.4	8	836.4	8	742.2	8	924.6	8	1288	8	1096	8	909.5	8	996.67
1975	2	01	800.1	6	1018	6	653.8	6	629.4	6	920.3	6	932.1	6	1044	6	922.7	6	1057	6	1166	6	1559	6	1391	6	1007.78
1976	2	01	800.4	6	686.3	8	619.9	8	621.1	8	616.6	8	666.5	8	586.8	8	461.0	8	585.9	8	924.2	8	1022	8	718.7	8	692.45
1977	2	01	462.9	1	488.9	1	436.0	1	581.5	1	982.5	1	1019	1	820.4	1	831.5	1	874.6	1	1325	1	1190	1	917.3	6	827.47
1978	2	01	696.3	6	766.5	6	814.6	6	1303	6	1264	6	1161	6	899.8	6	936.1	6	1198	6	1318	6	1118	6	1142	6	1051.44
1979	2	01	692.7	6	813.0	8	758.1	6	986.4	6	922.9	8	986.7	6	770.4	6	896.2	6	956.5	6	1056	6	1219	8	913.6	6	914.29
1980	2	01	875.9	6	933.6	6	733.2	6	956.6	6	1087	6	1155	6	900.5	6	947.1	6	1041	6	1538	6	1283	6	1003	6	1037.83
1981	2	01	1017	6	1039	6	1087	6	950.1	6	906.1	6	850.7	6	764.2	6	758.1	6	781.6	6	1133	6	1598	6	1354	6	1019.90
1982	2	01	728.7	6	966.1	6	772.1	6	902.1	8	1031	1	746.6	1	736.9	6	560.3	6	971.0	6	1022	6	957.6	6	607.9	6	833.53
1983	2	01	477.4	1	559.1	6	683.4	6	687.9	6	945.1	6	843.3	6	981.4	6	933.1	6	1050	6	907.0	6	901.3	1	988.9	1	829.83
1984	2	01	956.7	1	1173	1	771.1	1	864.3	1	974.5	1	1052	1	855.0	1	1191	1	1015	1	1494	6	1446	1	1136	1	1077.38
1985	2	01	994.2	1	727.1	1	719.5	1	767.5	1	787.7	1	700.1	1	548.1	1	750.6	1	990.2	1	1217	1	1174	1	888.9	1	855.41
1986	2	01	1121	8	1044	8	754.0	8	1294	8	1239	8	953.7	8	583.0	1	502.0	1	818.0	1	1096	1	1018	1	605.0	1	918.98
1987	2	01	592.0	1	595.0	1	647.9	6	784.0	6	1043	6	739.7	6	770.2	6	922.0	6	1030	1	1191	1	1073	6	1017	1	867.07
1988	2	01	672.0	1	951.0	1	492.0	6	1183	6	931.0	6	860.0	6	935.0	6	1230	6	1212	6	1415	6	1778	8	1251	1	1076.33
1989	2	01	1093	6	829.3	6	753.9	6	1126	6	944.8	6	1199	6	947.9	6	1175	6	1051	6	1190	1	1245	6	1387	8	1078.49
1990	2	01	1049	8	934.0	1	922.0	8	1034	6	1202	6	991.0	6	978.0	6	827.0	6	1148	6	1647	6	1427	6	1144	6	1108.58
1991	2	01	893.1	6	795.9	8	826.7	8	770.7	6	1265	8	1154	8	607.5	6	770.7	6	881.8	8	792.1	8	1016	6	943.5	6	893.08
1992	2	01	877.5	8	887.7	8	836.2	7	901.1	7	1011	7	799.4	8	897.9	6	979.4	6	1131	6	998.5	6	969.1	6	1144	8	952.73
1993	2	01	1062	8	1008	8	975.0	6	1119	6	1168	6	975.0	6	811.0	6	1003	6	1097	6	1319	8	1436	8	1245	8	1101.50
1994	2	01	912.0	6	847.0	8	976.0	8	987.0	8	1096	8	930.0	8	925.0	8	1030	8	1085	6	1417	8	1512	8	1254	8	1080.92
1995	2	01	636.0	6	607.0	6	709.0	6	1239	6	1226	8	1072	8	996.0	6	901.0	6	803.0	1	1377	8	1320	8	1269	8	1012.92
1996	1	01	1249	8	1094	8	1178	8	1042	8	1481	8	1275	6	1066	6	1197	8	1288	3	1199	3	1199	3	1075	8	1194.91
1997	1	01	1422	8	1204	6	1046	6	1082	6	1024	8	1194	6	971.9	6	691.3	8	871.3	6	1146	8	1397	6	746.1	6	1066.30
1998	1	01	617.5	3	602.3	3	452.7	8	948.0	6	686.4	6	1016	6	1145	6	1086	6	1339	6	*	6	1352	3	1221	8	951.45
1999	2	01	1370	8	1802	8	*	6	*	6	*	6	*	6	*	6	1272	8	1353	8	1359	8	2027	3	1747	8	1561.43
2000	2	01	1000	8	1281	8	1031	8	1272	3	*	6	*	6	*	6	*	6	*	6	*	6	*	6	*	6	1146.00
2001	2	01	*	6	*	6	953.0	6	692.0	3	1691	8	698.0	3	930.0	3	840.0	3	944.0	8	950.0	8	1401	8	1239	8	1033.80
2002	2	01	845.6	6	761.3	6	870.8	6	1525	8	1002	8	670.9	6	901.6	8	799.3	8	1470	8	1438	6	1141	6	1150	6	1047.96
2003	1	01	*	6	*	6	1208	3	1177	8	1039	1	1158	1	1220	8	1401	3	1390	8	1445	3	1390	8	1445	3	1254.75
2004	1	01	1114	3	896.3	1	949.4	3	1186	3	1109	6	982.0	6	869.5	6	1061	8	1256	8	1247	8	1306	8	1170	8	1095.52
2005	1	01	*	6	*	6	682.2	3	656.7	8	682.2	3	656.7	8	632.2	8	649.4	8	803.9	3	918.9	8	1184	3	856.1	8	797.93
2006	1	01	905.9	1	742.5	8	886.3	8	882.4	8	995.6	8	762.3	8	691.7	3	614.6	8	729.2	8	924.6	8	1055	8	989.9	3	848.33
2007	1	01	774.9	8	524.9	8	912.5	8	1046	3	1100	8	987.7	1	1063	8	1292	3	1104	3	1401	3	1517	8	1221	3	1078.67
2008	1	01	1243	8	972.1	1	891.9	1	952.7	1	1088	1	953.3	1	967.6	1	1038	1	788.3	8	871.0	1	1226	3	*	6	999.26

MEDIOS			916.0		882.2		810.3		930.4		1032		940.5		855.3		908.0		1006		1189		1266		1101		986.32
MAXIMOS			1422		1802		1178		1525		1691		1275		1145		1292		1470		1647		2027		1747		2027.00
MINIMOS			462.9		467.7		436.0		552.7		616.6		656.7		548.1		461.0		585.9		792.1		899.6		605.0		436.00

ESTACIÓN MAMPI MEDIOS

VALORES MEDIOS MENSUALES DE CAUDALES (m3/seg)

SISTEMA DE INFORMACION
NACIONAL AMBIENTAL

FECHA DE PROCESO : 2015/03/10

ESTACION : 54027040 MAMPI

LATITUD 0456 N

TIPO EST

LG

DEPTO CHOCO

FECHA-INSTALACION 1973-AGO

LONGITUD 7635 W

ENTIDAD 01 IDEAM

MUNICIPIO NOVITA

FECHA-SUSPENSION

ELEVACION 0060 m.s.n.m

REGIONAL 09 VALLE-QUINDI

CORRIENTE TAMANA

A#O EST ENT ENERO * FEBRE * MARZO * ABRIL * MAYO * JUNIO * JULIO * AGOST * SEPTI * OCTUB * NOVIE * DICIE * VR ANUAL *

1965	1	01	277.3	6	230.4	6	191.6	6	249.5	6	298.5	6	226.2	6	228.4	6	228.1	6	289.3	6	384.8	6	300.2	6	358.3	6	271.88
1966	2	01	240.9	6	226.9	6	233.9	6	263.9	6	282.9	6	330.7	6	300.9	6	286.8	6	315.4	6	326.0	6	352.1	6	381.7	6	295.18
1967	2	01	253.6	6	243.0	6	234.8	6	219.9	6	274.2	6	274.2	6	263.5	6	259.5	6	274.0	6	317.1	6	437.7	6	356.6	6	284.01
1968	2	01	229.0	6	215.7	6	230.7	6	276.4	6	276.9	6	279.8	6	283.9	6	282.2	6	293.3	6	363.5	6	346.6	6	372.4	6	287.53
1969	2	01	217.9	6	243.4	6	225.0	6	250.2	6	266.5	6	258.1	6	218.4	6	279.1	6	318.8	6	416.6	6	383.4	6	362.1	6	286.63
1970	2	01	260.4	6	231.4	6	229.8	6	292.0	6	316.5	6	267.5	6	267.5	6	274.9	6	311.4	6	525.0	6	482.4	6	419.8	6	323.22
1971	2	01	344.1	6	274.6	6	304.3	6	230.7	6	287.7	6	291.3	6	281.4	6	319.1	6	357.7	6	357.8	6	427.4	6	334.2	6	317.53
1972	2	01	270.8	6	208.5	6	211.8	6	180.0	6	291.3	6	253.6	6	231.2	6	236.9	6	277.7	6	256.5	6	313.3	6	240.4	6	247.67
1973	2	01	177.4	6	127.3	6	153.1	6	196.9	6	281.4	6	299.5	6	281.1	6	339.5	6	532.7	8	734.4	8	976.3	8	489.4	8	382.42
1974	2	01	260.7	6	212.4	6	310.1	8	260.9	8	276.9	8	415.9	8	349.2	8	287.2	8	437.0	8	794.1	8	350.1	6	261.1	6	351.30
1975	2	01	271.6	6	339.2	6	187.0	6	191.7	1	317.8	1	267.0	1	288.9	1	345.4	1	326.4	1	342.4	1	603.2	1	389.7	1	322.53
1976	2	01	219.8	8	202.8	1	202.0	8	193.7	1	192.4	1	188.3	1	103.8	1	108.3	1	146.5	1	272.8	8	302.6	8	186.5	1	193.29
1977	2	01	121.2	1	134.5	1	112.3	1	142.1	1	291.1	1	207.9	1	181.4	1	209.6	1	252.3	8	401.8	8	374.1	8	203.5	8	219.32
1978	2	01	191.7	8	135.7	8	171.2	8	457.3	8	260.7	1	194.3	1	177.2	1	136.3	1	189.5	1	346.6	8	317.6	1	329.7	8	242.32
1979	2	01	213.5	8	205.8	1	223.6	1	322.4	1	320.5	8	275.3	1	203.5	1	241.7	1	336.7	1	357.2	1	430.6	8	304.2	1	286.25
1980	2	01	224.9	8	278.2	1	180.0	1	221.2	1	305.6	1	238.5	1	208.0	1	194.5	1	296.2	1	435.6	8	441.3	8	342.5	8	280.54
1981	2	01	302.3	8	340.8	1	341.5	1	305.8	1	339.7	1	293.9	1	297.5	1	225.7	1	214.6	1	319.3	1	543.5	8	323.1	1	320.64
1982	2	01	316.6	8	344.0	8	253.7	8	325.9	8	398.4	8	225.2	8	198.7	8	175.0	8	248.5	8	351.2	8	286.6	8	246.0	8	280.82
1983	2	01	235.6	8	184.4	8	206.4	8	298.1	8	284.3	8	231.8	8	184.1	8	195.2	8	236.1	8	228.8	1	307.0	1	308.4	1	241.68
1984	2	01	304.8	8	348.3	6	215.2	6	238.1	1	283.2	8	305.1	8	258.2	8	241.5	8	257.6	8	398.3	8	448.4	8	287.0	8	298.81
1985	2	01	309.5	8	204.4	8	228.0	8	232.5	8	229.8	8	220.2	8	184.2	8	242.9	8	335.9	6	384.3	8	483.1	8	318.3	8	281.09
1986	2	01	310.5	8	252.4	8	202.0	8	322.3	8	349.6	8	196.8	8	148.0	8	148.9	8	519.6	8	457.9	6	388.9	6	197.2	6	291.18
1987	2	01	149.0	8	195.9	6	425.1	6	268.9	2	281.4	8	196.2	2	262.1	6	336.1	6	393.3	3	375.8	8	345.0	8	368.2	8	299.75
1988	2	01	340.0	8	382.0	8	197.0	8	282.0	8	280.0	8	245.0	8	242.0	8	270.0	8	254.0	1	390.0	8	645.0	8	457.0	8	332.00
1989	2	01	482.2	8	294.1	8	213.3	8	212.3	8	263.2	8	310.1	8	210.9	8	242.1	8	228.3	8	285.9	8	361.0	8	380.9	8	290.36
1990	2	01	344.0	8	249.0	8	225.0	8	241.0	8	237.0	8	183.0	8	157.0	8	154.0	8	225.0	8	446.0	8	375.0	8	306.0	8	261.83
1991	2	01	255.5	8	218.8	8	259.8	8	189.2	8	295.4	8	308.3	8	192.9	8	128.7	8	196.1	8	243.2	8	259.3	8	362.3	8	242.46
1992	2	01	197.4	8	232.5	8	153.2	8	182.3	8	234.6	8	170.5	8	123.4	8	156.6	8	318.7	8	354.7	8	337.3	8	417.4	8	239.88
1993	2	01	326.0	8	305.0	8	231.0	8	239.0	1	333.0	8	181.0	8	167.0	8	194.0	8	241.0	8	395.0	8	450.1	8	346.0	8	284.01
1994	2	01	257.0	8	202.0	8	272.0	8	239.0	8	242.0	8	244.0	8	171.0	8	189.0	8	273.0	8	446.0	8	443.0	8	342.0	8	276.67
1995	2	01	156.8	8	178.0	8	195.1	8	353.2	8	407.3	8	329.1	8	248.1	8	260.6	8	219.6	8	461.2	8	464.0	8	459.8	8	311.07
1996	1	01	418.1	8	348.9	1	396.3	8	338.3	8	483.3	8	384.1	8	334.3	8	315.8	8	332.1	8	428.7	8	463.3	8	329.8	1	381.08
1997	1	01	442.5	8	292.7	8	278.5	8	209.8	8	196.9	8	293.9	8	127.9	8	96.47	8	166.6	8	230.4	8	320.4	8	142.0	8	233.17
1998	1	01	108.6	8	191.2	8	146.4	8	228.4	8	249.7	8	223.4	8	207.5	8	205.0	8	259.6	8	289.8	8	468.6	8	354.3	8	244.38
1999	2	01	483.8	8	458.1	8	352.1	8	488.5	8	371.0	8	341.0	8	278.0	8	402.5	8	390.2	8	442.3	8	655.1	8	566.7	8	435.78
2000	2	01	375.4	8	411.1	8	389.1	8	405.0	8	412.8	8	400.8	8	318.9	8	305.1	8	405.3	8	362.7	8	463.6	8	382.9	8	386.06
2001	2	01	238.0	8	180.0	8	283.0	8	236.0	8	348.0	8	220.0	8	217.0	8	180.0	8	318.0	8	343.0	8	530.0	8	491.0	8	298.67
2002	2	01	385.6	8	278.1	8	247.6	8	513.1	8	387.9	8	289.9	8	337.7	8	226.2	3									333.26
2003	1	01										344.6	3	388.2	8	315.1	8	235.5	8	323.9	8	467.3	8	415.1	3	*	355.67
2004	1	01	432.0	8	216.9	8	253.3	3	378.6	8	372.9	8	268.1	8	315.4	8	267.0	8	334.9	8	389.0	3	358.6	8	298.9	3	323.80
2005	1	01	347.7	8	349.4	8	355.7	8	370.8	8	277.5	8	240.9	8	192.8	8	218.2	8	223.0	3	422.0	3	474.2	8	325.7	8	316.49
2006	1	01	330.7	8	293.1	8	284.4	8	349.3	8	327.6	8	234.0	1	177.7	1	156.1	3	218.6	3	*		*		329.7	8	270.12
2007	1	01	279.6	8	225.7	3	*		337.9		*		222.3	3	245.5		*		*		479.9	8	512.0	8	476.3	8	347.40
2008	1	01	330.1	8	252.2	3	268.0	1	294.2	8	328.6	8	317.0	3	258.2	1	287.0	1	228.4	1	313.7	1	484.4	3	398.9	8	313.39
2009	1	01	294.4	8	289.0	8	*		348.1	1	306.6	1	294.3	8	226.2	1	295.2	1	237.0	1	377.4	8	398.8	8	332.4	1	309.04
2010	1	01	213.9	1	222.3	1	253.1	1	337.2	8	436.8	8	378.5	1	432.9	1	378.3	1	402.5	8	527.0	8	789.9	8	726.5	8	424.91
2012	1	01	474.7	1	324.9	1	268.8	1	379.1	8	*		*		*		*		*		*		*		*		361.88

MEDIOS			287.3		256.0		245.4		284.6		307.6		269.7		236.9		239.1		294.5		391.9		438.9		354.7		300.54
MAXIMOS			483.8		458.1		425.1		513.1		483.3		415.9		432.9		402.5		532.7		794.1		976.3		726.5		976.30
MINIMOS			108.6		127.3		112.3		142.1		192.4		170.5		103.8		96.47		146.5		228.8		259.3		142.0		96.47

ESTACIÓN ITSMINA AUTOMÁTICA MEDIOS

SISTEMA DE INFORMACION
NACIONAL AMBIENTAL

VALORES MEDIOS MENSUALES DE CAUDALES (m3/seg)

FECHA DE PROCESO : 2015/03/10

ESTACION : 54017030 ITSMINA AUTOMATICA

LATITUD 0509 N

TIPO EST

LG

DEPTO

CHOCO

FECHA-INSTALACION 1973-JUL

LONGITUD 7640 W

ENTIDAD 01 IDEAM

MUNICIPIO ISTMINA

FECHA-SUSPENSIÓN

ELEVACION 0090 m.s.n.m

REGIONAL 09 VALLE-QUINDI

CORRIENTE SAN JUAN

A#O	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1965	2	01	308.7	235.2	178.1	251.0	315.4	214.8	203.1	202.7	272.7	370.6	273.3	346.4	264.33
1966	2	01	249.3	229.1	236.8	270.8	293.6	360.2	313.7	292.2	302.5	319.7	338.4	375.7	298.50
1967	2	01	270.1	256.1	238.3	210.8	281.7	281.8	256.8	250.8	255.5	312.0	446.5	344.0	283.70
1968	2	01	229.9	210.4	232.5	287.8	285.4	289.5	287.8	285.3	277.3	352.1	331.7	364.1	286.15
1969	2	01	211.9	257.0	224.7	252.2	271.1	259.3	188.0	280.5	306.4	398.2	377.8	351.1	281.52
1970	2	01	281.4	236.9	231.4	309.3	340.6	272.2	262.8	274.0	297.9	492.2	502.4	423.9	327.08
1971	2	01	418.0	309.4	334.9	225.5	300.4	305.4	283.9	341.6	350.7	347.2	433.4	315.9	330.53
1972	2	01	298.1	198.5	206.3	156.2	305.4	253.0	207.2	215.8	259.5	259.4	289.7	197.7	237.23
1973	2	01	145.6	62.10	124.6	179.1	291.8	316.7	283.5	336.7	372.8	617.6	1111	458.3	358.32
1974	2	01	379.3	365.9	356.0	270.3	304.2	326.2	249.5	260.9	395.2	458.0	406.3	305.1	339.74
1975	2	01	232.8	334.5	164.5	153.1	288.9	294.4	346.8	290.0	352.7	403.8	587.2	508.7	329.78
1976	2	01	245.3	195.5	172.9	244.4	267.6	265.7	169.2	146.5	189.2	281.6	313.0	184.3	222.93
1977	2	01	131.6	128.0	123.3	166.0	419.9	303.7	264.1	274.7	278.6	492.4	420.7	261.5	272.04
1978	2	01	188.9	168.7	178.9	419.6	317.7	307.5	219.0	171.9	276.3	373.4	356.2	364.3	278.53
1979	2	01	176.7	195.1	195.1	323.7	331.9	350.0	240.0	296.3	395.2	497.0	466.1	408.2	322.94
1980	2	01	279.7	290.4	170.9	246.1	346.6	294.8	237.7	228.2	316.8	414.9	449.6	367.2	303.58
1981	2	01	264.7	290.3	335.1	366.0	392.5	361.8	267.3	260.9	278.1	344.8	494.4	437.3	341.10
1982	2	01	360.4	310.3	219.7	348.7	390.2	262.7	201.0	131.4	253.4	374.1	302.7	233.0	282.30
1983	2	01	168.1	120.3	178.3	258.9	300.5	238.7	245.6	214.2	290.7	324.8	302.1	299.0	245.10
1984	2	01	340.4	317.8	252.9	255.0	285.4	295.6	261.8	286.6	272.5	476.7	540.0	403.9	332.38
1985	2	01	311.2	236.5	204.4	271.8	237.6	231.1	171.6	276.1	240.0	336.0	316.0	304.5	261.40
1986	2	01	341.7	255.5	171.0	401.7	373.7	248.7	197.2	165.4	250.3	365.6	371.9	196.3	278.25
1987	2	01	165.0	156.0	161.0	184.0	304.0	182.0	305.0	303.0	330.0	424.0	352.2	175.6	253.48
1988	2	01	166.0	137.0	247.0	336.0	320.0	308.0	276.0	418.0	364.0	481.0	486.6	456.4	333.00
1989	2	01	255.9	399.8	182.2	242.3	325.3	413.0	228.4	291.4	296.5	313.6	335.4	337.0	301.73
1990	2	01	246.4	252.2	283.2	255.8	317.7	186.6	154.7	145.5	265.1	497.5	406.9	325.4	278.08
1991	2	01	297.0	339.0	266.0	334.0	383.0	413.0	413.0	447.0	381.0	292.0	273.0	226.0	338.67
1992	2	01	234.3	242.0	192.2	261.9	303.0	236.0	196.0	297.0	342.0	294.0	343.0	385.0	277.20
1993	2	01	370.0	266.0	236.0	294.0	373.0	299.0	253.0	286.0	339.0	454.0	555.0	378.0	341.92
1994	2	01	298.0	306.0	241.1	296.6	323.0	269.0	276.1	340.0	394.0	544.0	545.0	361.0	349.48
1995	2	01	172.0	194.0	228.0	520.0	523.0	370.0	321.0	308.0	310.0	454.0	433.0	386.0	351.58
1996	1	01	394.1	308.1								374.3	307.8		346.08
1997	1	01	475.6	361.9	252.1	262.2	221.2	295.0	159.7	126.8	255.0	342.8	444.6	174.2	280.93
1998	1	01	134.8	214.1	146.0	333.4	368.0	357.1	355.4	343.4	375.0	389.8	547.4	391.3	329.64
1999	2	01	511.0	403.0					233.0	375.0	509.0	496.0	703.0	657.0	485.88
2002	2	01	351.6												351.60
2003	1	01					333.0	329.3	275.7	306.7	344.6	486.4	390.6	446.0	364.04
2004	1	01	314.4	187.0	273.6	273.4	377.0	300.0	299.0	255.9	339.7	428.0			304.80
2005	1	01					361.7	313.1	264.3	312.8	399.5	440.5	627.8	403.5	390.40
2006	1	01	425.3	305.9	406.4	392.6	456.8	372.4	292.5	232.4	298.6	394.4	476.2	382.2	369.64
2007	1	01	331.1	190.6	367.4	372.3	389.8	292.2	313.8	409.0	374.8	494.6	479.8	520.7	378.01
2008	1	01	352.0	341.5	303.9	367.8	391.1	*	327.7	436.1	302.1	*	736.4	503.3	406.19
2009	1	01	535.7	353.1	458.5	479.0	361.1	382.0	239.2	341.3	278.3	517.1	440.5	328.0	392.82
2010	1	01	183.2	206.0	252.8	335.3	418.1	398.1	419.7	390.7	389.2	473.9	737.4	565.5	397.49
2012	1	01	481.3	533.2	452.9	504.7	*	*	*	*	*	*	*	*	493.03
MEDIOS			291.4	259.5	242.0	297.8	336.4	301.2	261.0	282.1	318.4	410.5	455.2	361.0	318.04
MAXIMOS			535.7	533.2	458.5	520.0	523.0	413.0	419.7	447.0	509.0	617.6	1111	657.0	1111.00
MINIMOS			131.6	62.10	123.3	153.1	221.2	182.0	154.7	126.8	189.2	259.4	273.0	174.2	62.10

ESTACIÓN TADO AUTOMÁTICA MEDIOS

SISTEMA DE INFORMACION
NACIONAL AMBIENTAL

VALORES MEDIOS MENSUALES DE CAUDALES (m3/seg)

FECHA DE PROCESO : 2015/03/10										ESTACION : 54017040 TADO AUTOMATICA					
LATITUD 0515 N		TIPO EST	LG	DEPTO CHOCO		FECHA-INSTALACION 1973-AGO									
LONGITUD 7633 W		ENTIDAD 01	IDEAM	MUNICIPIO TADO		FECHA-SUSPENSION									
ELEVACION 0100 m.s.n.m		REGIONAL 09	VALLE-QUINDI	CORRIENTE SAN JUAN											
A#O	EST	ENT	ENERO *	FEBRE *	MARZO *	ABRIL *	MAYO *	JUNIO *	JULIO *	AGOST *	SEPTI *	OCTUB *	NOVIE *	DICIE *	VR ANUAL *
1977	1	01	136.0	125.1 1	111.8 1	165.6 1	416.4 1	325.6 1	266.1 1	256.8 1	222.2 1	337.1 1	294.8 1	263.7 1	243.43
1978	2	01	160.4 1	107.0	136.7 7	481.7 7	339.6 7	316.6	224.3	166.5	252.0	353.7 7	365.8	379.5 1	273.65
1979	2	01	164.1 1	168.5 1	176.1 1	286.7 1	286.7 8	316.2 1	200.7 1	263.7 1	336.6	427.0	432.2 1	344.6	283.59
1980	2	01	270.1	284.3	140.5 1	172.1 1	293.4 1	265.4 1	205.7 1	204.1 1	311.6 1	416.5 1	429.6 1	367.6 1	280.08
1981	2	01	254.8 1	294.0 1	324.0	327.0	358.5	377.5 1	267.8 1	257.9 1	244.4 7	322.1	468.5	367.0	321.96
1982	2	01	320.6	271.3	182.3	324.0	317.7	216.2	188.2	110.0	193.0	321.0 1	281.5	199.5	243.78
1983	1	01	130.7	89.24 8	145.6 8	241.1	256.0	205.2	202.1	167.5	250.9	289.1	289.3	273.0	211.65
1984	1	01	302.0	296.5 8	188.1	242.1	276.1	296.4	251.2	265.8	257.4	391.6	474.6	303.9	295.48
1985	1	01	301.1	169.0	170.7	250.4	188.5	211.9	130.4	240.7	206.7	338.0	310.9 1	259.7	231.50
1986	1	01	254.6	214.3	157.0	317.2	307.1	202.3	165.8	137.0	208.5	315.1	306.8	174.2	229.99
1987	1	01	145.6	114.5	111.1 1	172.8	220.2	182.0	199.4	278.6	285.8 1	388.6 8	344.4 1	327.2 1	230.85
1988	2	01	145.6 6	267.0	104.0	276.0	249.0	244.0	257.0	467.0	473.0 1	612.0 1	720.0 8	575.0 1	365.80
1990	2	01	267.6 1	262.2 4	273.1 8	228.6 1	241.0 1	169.7	137.2	123.8 1	142.2 1	258.2	274.9	305.7 8	223.68
1991	2	01	272.8 1	257.7	259.3	216.9	309.8 8	315.0	233.8 8	215.6 1	283.9 1	300.5 1	329.7 8	320.4 1	276.28
1992	2	01	166.8 8	175.3 8	132.7 8	156.1 8	195.7 8	166.2 8	134.9 8	189.9 8	257.4 8	220.1 8	248.8 8	288.2 8	194.34
1993	2	01	277.6 8	197.6 8	174.8 8	219.4 8	277.7 8	225.8 8	183.4 8	185.3 8	253.9 8	312.6 8	419.6 8	326.0 8	254.48
1994	2	01	234.2 8	204.6 8	199.4 8	247.3 8	254.1 8	242.6 8	218.2 8	229.6 8	279.1 8	380.4 8	423.9 8	269.2 8	265.22
1995	2	01	106.5 8	124.8 8	145.8 8	308.9 8	321.8 8	284.8 8	249.5 8	239.8 8	237.1 8	354.7 8	337.1 8	308.7 8	251.63
1996	1	01	317.1 8	240.6 8	277.2 8	266.7 8	342.8 8	310.0 8	292.8 8	259.0 8	257.2	357.4 8	370.3 8	255.6 8	295.56
1997	1	01	391.6 8	280.9 8	206.2 8	221.4 8	189.9 8	261.3 8	130.2	98.15 8	200.2 8	279.2 8	353.8 8	137.7	229.21
1998	1	01	78.36 8	138.2 8	56.21 8	120.6 8	185.7 8	299.9 8	233.4 8	219.8 8	233.5 8	276.0 8	434.7 8	361.7 8	219.84
1999	2	01	405.5 8	386.8 8	344.3 8	387.8 8	312.1 8	310.3 8	255.3 8	308.0 8	410.1 8	410.0 8	548.6 8	455.4 8	377.85
2000	2	01	363.7 8	379.3 8	291.2 8	312.3 8	365.9 8	331.7 8	251.7 8	285.1 8	333.3 8	313.8 8	401.3 8	320.5 8	329.15
2001	2	01	171.0 8	130.0 8	253.0 8	202.0 8	274.0 8	182.0 8	211.0	210.0 8	247.0 8	286.0 8	352.0 8	350.0 8	239.00
2002	2	01	297.8	287.2 8	261.4 8	364.2 8	323.3 8	279.3	324.2 8	289.9 8	334.8 8	351.4 8	297.5 8	324.7 8	311.31
2003	1	01	230.7 8	213.8	242.1 8	241.6 8	279.5 8	267.1 8	229.7 8	262.6 8	274.6 8	448.6 8	351.8 8	362.9 8	283.75
2004	1	01	188.2 8	158.1 8	216.1 8	261.3 8	324.0 8	297.6 8	257.2 8	198.8 8	282.4 8	301.2 8	342.4 8	305.9 8	261.10
2005	1	01	283.3 8	261.8 8	282.9 8	271.4 8	311.4 8	271.3 8	209.4	189.6	247.7	361.1 8	554.6 8	292.2 8	294.73
2006	1	01	301.0 8	247.0 8	302.6 8	267.4 3	339.1 8	287.6 8	202.3 1	161.7 1	208.7 8	277.1 8	351.4 8	319.5 8	272.12 3
2007	1	01	216.2 1	135.1 8	217.3	319.5 8	352.7 8	256.0 3	268.2 8	325.5 8	280.1 8	425.8 8	410.1 8	373.5 8	298.33 3
2008	1	01	266.0 8	276.8 8	252.4 8	269.1 1	333.4 8	301.1 8	292.2 1	334.5 3	253.3 8	266.7 1	537.7 3	371.1 8	312.86 3
2009	1	01	281.3	253.2	334.0 8	267.2	258.5	238.0	228.1 8	251.4	197.8 8	223.3 8	350.0 8	266.7	262.46
2010	1	01	146.9 8	154.3 8	190.1	248.8	331.1 8	318.3 3	315.5 3	263.4	292.0 3	341.3 8	661.8 3	429.5 3	307.75 3
MEDIOS			237.9	217.2	207.9	262.3	291.9	265.9	224.8	232.0	265.1	341.1	396.1	320.6	271.89
MAXIMOS			405.5	386.8	344.3	481.7	416.4	377.5	324.2	467.0	473.0	612.0	720.0	575.0	720.00
MINIMOS			78.36	89.24	56.21	120.6	185.7	166.2	130.2	98.15	142.2	220.1	248.8	137.7	56.21

ESTACIÓN AGUASAL MEDIOS

VALORES MEDIOS MENSUALES DE CAUDALES (m3/seg)

SISTEMA DE INFORMACION
NACIONAL AMBIENTAL

FECHA DE PROCESO : 2015/03/10

ESTACION : 11017010 AGUASAL

LATITUD 0528 N

TIPO EST LM

DEPTO CHOCO

FECHA-INSTALACION 1976-MAY

LONGITUD 7632 W

ENTIDAD 01 IDEAM

MUNICIPIO LLORO

FECHA-SUSPENSION

ELEVACION 75 m. s. n. m

REGIONAL 01 ANTIOQUIA

CORRIENTE ANDAGUEDA

AÑO EST ENT ENERO * FEBRE * MARZO * ABRIL * MAYO * JUNIO * JULIO * AGOST * SEPTI * OCTUB * NOVI * DICIE * VR ANUAL *

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVI	DICIE	VR ANUAL
1965	2	01	148.8	140.0	140.9	191.7	159.7	155.2	148.2	162.8	185.0	214.9	168.4	152.0	163.97
1966	2	01	172.6	142.3	128.8	144.6	176.8	213.7	230.4	220.5	223.1	216.2	195.7	181.4	187.18
1967	2	01	143.4	135.2	129.5	140.7	180.3	228.0	238.0	222.6	197.1	184.7	179.1	180.5	179.93
1968	2	01	136.4	127.1	154.2	167.6	167.6	178.1	194.8	204.0	207.6	189.6	195.4	198.3	176.73
1969	2	01	172.1	190.2	162.2	215.2	230.3	227.6	120.9	284.0	193.5	176.7	150.5	250.7	197.83
1970	2	01	194.2	167.7	159.4	267.4	292.9	228.2	173.0	288.9	224.8	216.8	196.5	202.6	217.70
1971	2	01	241.7	229.9	283.5	253.3	169.5	285.3	267.0	242.8	248.2	212.9	185.7	164.9	232.06
1972	2	01	210.8	166.4	138.7	106.6	197.1	199.8	158.0	165.6	229.5	179.8	163.5	136.8	171.05
1973	2	01	117.2	140.6	128.6	142.4	165.8	193.5	165.2	192.8	85.39	210.3	254.8	167.1	163.64
1974	2	01	144.3	173.1	182.0	127.5	168.7	189.9	239.0	208.7	215.7	184.1	183.0	178.5	182.88
1975	2	01	179.0	175.5	142.8	128.6	181.6	187.6	204.0	303.2	185.0	233.5	231.2	201.0	196.08
1976	2	01	202.7	121.1	108.9	143.8	185.3	167.0	125.0	151.8	124.7	122.1	163.5	150.5	143.06
1977	2	01	80.54	91.20	85.22	109.3	226.2	168.6	154.2	197.5	185.0	289.4	230.7	163.0	165.07
1978	2	01	96.92	92.74	132.0	276.1	193.9	308.5	138.7	150.2	174.0	277.6	236.4	203.5	190.05
1979	2	01	104.7	99.51	123.8	227.5	207.5	205.6	142.4	200.1	214.0	271.3	279.7	200.7	189.73
1980	2	01	148.7	174.9	94.12	179.1	196.5	192.0	166.0	160.0	171.0	240.6	188.7	200.3	175.99
1981	2	01	164.0	182.0	199.0	135.0		214.3	171.2	184.7	172.0	178.0	255.0	63.84	174.46
1982	2	01	214.0	166.0	180.0	148.0	191.0	180.0	192.0	175.0	164.0	232.2	200.0	163.0	183.77
1983	2	01	70.00	49.00	112.0	148.0	184.0	192.0	180.0	171.0	180.5	217.3	201.5	209.2	159.54
1984	2	01	191.1	187.9	153.7	206.9	222.3	240.5	193.7	216.3	176.9	265.4	267.5	207.4	210.80
1985	2	01	205.0	134.1	167.0	179.8	204.0	202.5	183.8	183.9	197.4	240.4	178.0	221.5	191.45
1986	2	01	170.8	157.3	157.3	221.1	190.3	134.9	221.8	260.8	224.0	256.9	217.6	105.6	193.20
1987	2	01	95.98	102.2	99.23	146.7	196.9	193.9	248.0	220.4	275.0	269.5	214.9	206.1	189.07
1988	2	01	162.4	169.9	76.26	190.5	178.7	173.1	188.8	207.1	237.5	308.0	292.7	246.1	202.59
1989	2	01	174.3	135.1	169.1	173.7	179.3	211.4	144.4	198.6	194.0	218.7	201.9	223.3	185.32
1990	2	01	211.7	138.6	161.0	205.3	377.0	147.2	92.61	187.7	233.5	339.6	296.0	312.8	225.25
1991	2	01	317.7	284.1	277.8	278.9	335.0	202.0	135.0	247.7	566.7	458.1	451.2	395.4	329.13
1992	2	01	241.3	250.6	189.9	295.6	304.9	286.0	326.6	358.0	398.0	331.6	300.8	306.0	299.11
1993	2	01	320.9	247.2	289.9	284.4	500.0	442.6	358.3	429.6	435.7	486.9	620.4	325.8	395.14
1994	2	01	240.5	239.2	251.8	433.6	467.3	436.5	371.2	314.7	380.3	579.0	486.4	273.8	372.86
1995	2	01	150.0	182.0	153.0	399.0	445.0	447.0	201.0	281.0	409.0	377.0	553.0	375.0	331.00
1996	2	01	529.0	376.0	436.0	349.0	459.0	425.0	368.0	439.0	448.0	505.0	488.0	360.0	420.17
1997	2	01	543.1	433.6	233.1	341.9	290.1	400.5	232.9	258.2	399.0	385.7	457.0	160.2	344.61
1998	2	01	92.70	235.1	90.10	236.5	338.1	303.5	293.1	389.0	416.3	364.2	425.3	389.8	297.81
1999	2	01	375.4	424.0	240.0	251.6	162.0	155.2	106.4	134.7	186.4	216.8	334.2	258.7	237.12
2000	2	01	206.9	191.2	187.0	163.5	228.3	209.2	181.8	168.9	300.6	299.3	386.0	308.1	235.90
2001	1	01	137.8	105.4	426.5	160.4	222.6	215.7	281.0	200.6	264.4	240.6	253.9	289.1	233.17
2002	2	01	296.8	270.7	342.4	315.4	312.0	338.8	399.6	398.2	282.8	335.5	284.1	249.9	318.85
2003	2	01	178.8	227.5	244.0	211.3	232.3	253.5	292.6	242.9	262.9	266.2	231.1	320.6	246.98
2004	2	01	184.3	169.7	215.1	192.6	206.4	196.8	167.6	160.6	190.1	220.0	225.4	180.9	192.46
2005	1	01	195.0	180.1	188.1	163.7	211.8	172.4	135.9	152.7	247.5	245.9	268.9	223.4	198.78
2006	1	01	171.0	170.6	158.7	166.8	154.2	202.4	154.6	180.7	182.0	185.1	184.5	150.0	171.72
2007	1	01	151.8	155.4	170.4	179.9	189.2	155.5	179.6	184.5	165.2	173.1	175.9	171.1	170.97
2008	1	01	182.1	178.6	140.2	164.0	177.8	162.3	161.9	160.3	157.0	161.1	196.6	169.4	167.61
2009	1	01	162.4	162.5	174.7	168.8	192.1	170.1	172.8	204.9	162.8	253.1	192.4	182.5	183.26
2010	1	01	137.7	152.9	186.3	182.3	205.6	195.4	178.1	176.0	200.8	211.7	262.8	237.3	193.91
2011	1	01	233.6	217.9	204.9	226.2	205.5	237.3	217.5	199.8	194.1	234.4	256.5	250.2	223.16
2012	1	01	219.2	184.9	186.1	179.9	223.5	173.2	181.1	219.3	205.0	222.4	195.5	194.8	198.74
2013	1	01	182.5	251.6	190.9	213.2	214.1	209.3	196.5	225.1	204.6	207.5	227.2	187.7	209.18
MEDIOS			196.0	185.3	182.6	206.8	235.4	228.7	203.6	226.3	240.4	263.4	261.9	220.6	220.92
MAXIMOS			543.1	433.6	436.0	433.6	500.0	447.0	399.6	439.0	566.7	579.0	620.4	395.4	620.40
MINIMOS			70.00	49.00	76.26	106.6	154.2	134.9	92.61	134.7	85.39	122.1	150.5	63.84	49.00

ESTACIÓN GINDRAMA MEDIOS

SISTEMA DE INFORMACION
NACIONAL AMBIENTAL

VALORES MEDIOS MENSUALES DE CAUDALES (m3/seg)

FECHA DE PROCESO : 2015/03/10			ESTACION : 11027050 GINDRAMA												
LATITUD 0531 N		TIPO EST	LG	DEPTO CHOCO		FECHA-INSTALACION 1979-DIC									
LONGITUD 7631 W		ENTIDAD	01 IDEAM	MUNICIPIO LORO		FECHA-SUSPENSION									
ELEVACION 0075 m.s.n.m		REGIONAL	01 ANTIOQUIA	CORRIENTE ATRATO											
A#O	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1982	2	01	394.9	3							237.6	3	290.3	3	307.60
1983	2	01	233.5	6	183.9	6	172.5	6	257.5	6	232.7	3	225.5	1	167.0
1984	2	01	289.7	1	286.5	8	195.8	8	180.7		246.5	7	272.5	*	326.0
1985	2	01	285.6		198.8	6	236.1	8	250.4	8	275.2	8	295.8	8	216.5
1986	2	01	259.3	3	230.5	3	237.4		308.8	3	315.4	3	276.7	3	192.1
1987	2	01	152.5	1	164.2	1	167.9	8	216.4	1	302.7	3	272.3	3	444.4
1988	2	01	205.5	6	204.8	6	123.1	6	369.6	3	323.9	3	246.1	3	307.6
1989	2	01	150.2	1	89.75	1	102.3		214.7		306.3	1	328.7		181.9
1990	2	01	147.6		102.3	8	152.0	8	282.0	8	265.0	8	237.6	8	190.1
1991	2	01	291.3	8	175.6	8	180.6	8	164.2		248.4	8	362.3	8	244.6
1992	2	01	180.9		190.7		180.0		188.6		270.2	8	244.2	8	231.5
1993	2	01	351.5	8	212.0	1	237.1		211.3		349.4	8	300.7	8	244.8
1994	2	01	268.3	8	211.6	8	254.9	8	308.3		304.3		303.7	8	311.6
1995	2	01	171.6	8	157.3	8	183.9		269.7		289.0		307.5		301.9
1996	2	01	330.1	1	238.2		237.9		237.2	1	270.2		272.8		293.9
1997	2	01	340.5		265.4	8	280.9		262.6		204.0		360.1		263.3
1998	2	01	126.7	8	254.0		274.0		349.9		307.4	1	281.5	8	291.4
1999	1	01	341.3	1	321.1	1	252.3		323.3		299.6	1	325.4	1	255.1
2000	1	01	277.6		310.4		242.5		242.4		327.9		257.2		287.9
2001	1	01	226.1		165.3		247.9		233.5		235.9		251.0		230.1
2004	1	01	282.8	3	256.5	8	246.5		338.2	3	392.2	3	300.6	3	331.3
2005	1	01	354.6	3	299.9	3	298.7	3	301.6	3	369.4	8	357.9	3	294.0
2006	1	01	288.5	3	251.3	3	294.5	3	321.2	3	342.0	3	316.1	3	312.9
2007	1	01	256.1	8	177.1	3	272.2	3	354.1	3	397.7	3	344.9	3	329.3
2008	1	01	393.9	8	390.7	8	242.2	8	321.7	3	428.6	8	395.8	8	372.5
2009	1	01	359.8	8	371.2	8	345.2	8	313.6	8	361.6	8	335.1	3	304.8
2010	1	01	162.5	8	208.3	3	290.8	8	362.0	3	409.4	8	389.9	8	408.4
2011	1	01	465.3	8	367.9	8	310.6	8	427.0	8	431.0	8	470.6	8	429.3
2012	1	01	463.3	8	305.6	8	*		*		*		255.2	3	228.2
2013	1	01	*		*		*		*		*		354.7	3	517.1
MEDIOS			277.6		235.4		231.8		281.9		315.0		306.7		286.5
MAXIMOS			465.3		390.7		345.2		427.0		431.0		470.6		444.4
MINIMOS			126.7		89.75		102.3		164.2		204.0		225.5		167.0

ESTACIÓN SAN ISIDRO MEDIOS

SISTEMA DE INFORMACION
NACIONAL AMBIENTAL

VALORES MEDIOS MENSUALES DE CAUDALES (m3/seg)

FECHA DE PROCESO : 2015/03/10

ESTACION : 11037010 SAN ISIDRO

LATITUD 0537 N

TIPO EST LM

DEPTO CHOCO

FECHA-INSTALACION 1967-MAY

LONGITUD 7644 W

ENTIDAD 01 IDEAM

MUNICIPIO RIO QUITO

FECHA-SUSPENSION 2005-SEP

ELEVACION 0030 m.s.n.m

REGIONAL 01 ANTIOQUIA

CORRIENTE QUITO

A#O	EST	ENT	ENERO *	FEBRE *	MARZO *	ABRIL *	MAYO *	JUNIO *	JULIO *	AGOST *	SEPTI *	OCTUB *	NOVIE *	DICIE *	VR ANUAL *

1965	2	01	220.5 6	205.6 6	207.2 6	293.2 6	239.0 6	231.4 6	219.4 6	244.2 6	281.9 6	332.5 6	253.7 6	225.9 6	246.21
1966	2	01	260.8 6	209.5 6	186.6 6	213.4 6	267.9 6	330.5 6	358.5 6	342.1 6	346.5 6	334.8 6	299.9 6	275.8 6	285.53
1967	2	01	211.4 6	197.5 6	187.7 6	206.7 6	274.0 6	354.8 6	372.5 6	345.5 6	302.3 6	281.3 6	271.9 6	274.2 6	273.32
1968	2	01	199.4 6	183.8 6	229.6 6	252.3 6	252.3 6	270.1 6	298.5 6	314.1 6	320.2 6	289.6 6	299.5 6	304.4 6	267.82
1969	1	01	260.0 1	260.0 8	255.3 8	262.9 8	278.0 8	303.3 8	256.7 8	281.3 8	267.2 8	240.8 8	292.5 8	246.2 8	267.02
1970	2	01	297.5	252.5 7	238.4	421.5	464.7	355.1	261.6	458.0	349.3	335.7	301.4	311.6	337.28
1971	2	01	377.9	357.9	448.8	397.6 7	255.5 7	451.9	420.8	379.8	389.0	329.2	283.0	247.8	361.60
1972	2	01	325.5	250.3	203.3	148.9	302.3	306.9	236.0	248.9	357.3	273.0	245.4	200.2	258.17
1973	2	01	166.9	37.04	186.3	209.6	249.2	296.2 7	248.3	295.0	282.4	324.7 7	400.1	251.5	245.60
1974	2	01	212.9	261.6	276.8 7	184.4 7	254.2	290.2	373.4	322.0	333.8	280.3	278.4 7	270.8 7	278.23
1975	2	01	271.6 7	265.8 6	210.4 6	186.2 7	276.0	286.2	314.0	482.2 7	281.8	364.0 7	360.1	309.0	300.61
1976	2	01	311.8	173.5	152.8	212.1 7	282.3	251.3	179.4 1	225.6 1	179.6 1	175.2 1	228.9 1	155.6 1	210.68
1977	2	01	119.3	204.3 1	132.3 1	257.0 1	322.1 1	275.0 1	323.5 1	270.6 1	219.7 1	334.6 1	229.7 1	142.9 1	235.92
1978	2	01	165.0 1	179.3 1	175.2 1	337.7 8	342.3 1	398.5 1	266.9 1	285.8	283.2	207.9 7	167.0 8	257.5 1	255.53
1979	2	01	138.5 1	234.2 1	191.9 1	238.0 6	217.3 6	301.8 6	239.0 6	265.8 6	270.8	327.9	197.5 6	210.1 6	236.07
1980	2	01	266.8 7	265.8 7	174.7	279.5 8	390.0 7	379.1 7	295.7 7	298.6 1	331.5 1	348.7 8	263.2 1	247.4 1	295.08
1981	2	01	243.8 8	318.5 1	305.8 1	306.7 1	221.1	235.5 1	281.9 1	271.8 1	202.1 1	247.3 1	370.4 8	245.6 7	270.88
1982	2	01	188.7	213.6 1	184.1 1	195.7 1	192.3 1	245.8 8	270.2 8	200.4 8	279.8 7	222.7 7	207.1 7	169.9 1	214.19
1983	2	01	93.66 7	67.97 7	146.4 7	194.6	256.9	264.2 1	258.8 1	320.2 1	339.3 1	198.9 1	175.6 6	201.4 6	209.83
1984	2	01	253.7 6	323.5 6	298.8 6	265.5 1	217.7 1	327.0 1	274.3 1	260.5 1	208.0 1	340.4 1	184.4 3	293.3 6	270.59 3
1985	2	01	196.4 6	172.6 7	197.0 1	277.1 1	296.4 1	245.8 1	253.8 1	290.8 8	282.4	218.6	243.0	252.9 1	243.90
1986	2	01	240.8 1	234.7	162.7	407.2 3	308.2	252.8	166.5 1	170.8 1	217.7 3	221.7 1	227.8 3	141.0 6	229.33 3
1987	2	01	280.3 3	176.1 3	186.5 1	304.6 3	342.5 3	200.2 3		443.2 3	370.9 3	374.9 3	378.1 3	329.1 3	307.86 3
1988	2	01	305.0 3	372.9 3	294.1 3	450.0 3	311.3	291.9 3	333.9 3	393.2	321.3	303.1	335.2	299.6	334.29 3
1989	2	01	380.2	373.7	212.2 6	336.0 6	375.1 8	414.9 8	300.9 6	357.8 6	299.4 6	294.4 6	285.0 6	267.1 6	324.73
1990	2	01	311.6 3	254.5 3	263.0 3	290.5	297.2	148.3 3	223.8	210.1	270.1	293.7	386.7 3	247.4 3	266.41 3
1991	2	01	430.7 3	435.5 3	452.1 3	437.0 3	420.6 3	302.5	212.4	207.6	264.9	204.7	305.0 8	165.9	319.91 3
1992	2	01	239.5	231.4	218.9 8	189.9	293.5 8	234.1 8	260.2	319.5 8	291.7	195.3	178.0	217.0	239.08
1993	2	01	261.3	206.0	259.7	256.6	301.0 8	352.1	281.4	268.1	280.2	262.7	217.9	217.0	263.67
1994	2	01	210.2	299.2 8	289.1 8	340.1	295.9 8	306.3	189.6	324.3 8	281.0	271.5	336.1	296.7	286.67
1995	2	01	186.5	169.8	159.6	318.9	327.4	291.4	275.6	283.7	288.2	278.9	302.2	212.8	257.92
1996	2	01	261.2	327.3	270.6	313.2	307.5 8	317.4	309.1	356.3 8	304.6	242.6	186.1	234.6	285.88
1997	2	01	289.6	354.9 8	216.5	202.8	190.8	248.0	210.4 3	181.4 3	208.2	201.6	217.6	102.2	218.67 3
1998	2	01	117.7	161.6	131.7 6	227.3	295.2	323.2	315.8	317.2	302.4 8	321.4	338.0 8	235.6	257.26
1999	1	01	290.1	331.3	293.2 8	342.2	279.9	291.0	283.3	325.0	376.2	328.7	359.2	351.2	320.94
2000	1	01	247.3	394.2 8	326.8 8	350.9 8	438.1 8	325.4	289.8	322.6	317.8	334.0 3	400.9 3	*	340.71 3
2001	1	01	343.2 3	*	*	*	514.4 3	*	421.0 3	*	*	*	414.1 3	422.9 3	423.12 3
2002	1	01	351.1 3	*	*	437.1 3	397.7 3	*	*	439.3 3	*	*	411.0 3	463.3 3	416.58 3
2003	1	01	*	*	224.5	244.9	385.7 3	326.5 3	336.1 8	322.5 8	316.7	346.2 8	315.4 8	258.6	307.71 3
2004	1	01	232.2 8	254.5 8	251.0 8	217.4 8	332.0 8	249.2 8	300.5 3	*	*	*	*	*	262.40 3
MEDIOS			250.3	249.0	231.6	282.2	306.6	296.7	281.9	306.5	292.4	283.3	285.8	251.5	276.49
MAXIMOS			430.7	435.5	452.1	450.0	514.4	451.9	421.0	482.2	389.0	374.9	414.1	463.3	514.40
MINIMOS			93.66	37.04	131.7	148.9	190.8	148.3	166.5	170.8	179.6	175.2	167.0	102.2	37.04

ESTACIÓN BELÉN MEDIOS

VALORES MEDIOS MENSUALES DE CAUDALES (m3/seg)

SISTEMA DE INFORMACION
NACIONAL AMBIENTAL

FECHA DE PROCESO : 2015/03/10

ESTACION : 11047010 BELEN

LATITUD 0545 N	TIPO EST	LG	DEPTO	CHOCO	FECHA-INSTALACION	1965-DIC
LONGITUD 7640 W	ENTIDAD 01	IDEAM	MUNICIPIO	QUIBDO	FECHA-SUSPENSION	
ELEVACION 21 m.s.n.m	REGIONAL	01	ANTIOQUIA	CORRIENTE	ATRATO	

A#O	EST	ENT	ENERO *	FEBRE *	MARZO *	ABRIL *	MAYO *	JUNIO *	JULIO *	AGOST *	SEPTI *	OCTUB *	NOVIE *	DICIE *	VR ANUAL *																			

1965	2	01	884.9	6	811.8	6	819.7	6	1244	6	976.2	6	938.8	6	879.8	6	29.00	6	1188	6	1438	6	1049	6	911.6	6	930.90							
1966	2	01	1084	6	831.0	6	717.6	6	850.3	6	1119	6	1428	6	1566	6	1485	6	1507	6	1449	6	1277	6	1158	6	1205.99							
1967	2	01	840.0	6	771.5	6	723.3	6	816.9	6	1149	6	1548	6	1635	6	1502	6	1289	6	1185	6	1139	6	1150	6	1145.73							
1968	2	01	781.0	6	704.0	6	930.0	6	1042	6	1042	6	1130	6	1270	6	1347	6	1377	6	1226	6	1275	6	1299	6	1118.58							
1969	2	01	818.0	6	771.0	6	822.0	6	1176	6	1307	6	1256	6	991.0	6	1327	6	1227	6	1394	6	1232	6	1276	6	1133.08							
1970	2	01	1196	6	1158	6	918.0	6	1210	6	1394	6	1264	6	930.0	6	1201	6	1308	6	1271	6	1266	6	1146	6	1188.50							
1971	2	01	1376	6	1342	6	1243	6	1218	6	1133	6	1264	6	1278	6	1143	6	1134	6	1077	6	1176	6	982.0	6	1197.17							
1972	2	01	1189	6	809.0	6	679.0	6	711.0	6	941.0	6	1068	6	704.0	6	768.0	6	1136	6	986.0	6	1083	6	854.0	6	910.67							
1973	2	01	572.0	6	427.0	6	736.0	6	861.0	6	1024	6	1260	6	1172	6	1165	6	1400	6	1504	6	1591	6	1434	6	1095.50							
1974	2	01	710.9	6	976.5	6	1059	6	555.5	6	1148	3	1351	1306	1231	1454	1383	1161	1181	1161	1181	1161	1181	1161	1181	1126.41	3							
1975	2	01	980.4	6	999.5	7	697.4	6	605.3	8	1432	7	1306	7	1117	7	1722	1236	1716	1632	1541	1248.72												
1976	2	01	1046	6	741.9	6	567.2	6	862.2	7	1055	1211	752.6	973.8	810.9	1056	1127	704.8	7	909.03														
1977	2	01	447.1	6	813.1	6	482.0	6	807.0	6	1448	1041	1182	1217	979.0	1544	1114	873.2	995.62															
1978	2	01	519.3	1	552.9	1	463.4	1	1352	1	1172	1319	892.6	848.4	970.1	1251	963.2	1193	958.08															
1979	2	01	489.5	6	624.6	6	670.8	6	1049	955.9	1275	859.2	1056	1099	1422	8	1041	8	1044	965.50														
1980	2	01	938.9	6	813.6	6	563.8	6	860.2	1092	1103	899.4	970.3	1090	1388	1240	1215	1014.52																
1981	2	01	820.8	8	1255	1188	8	1234	1006	1120	1	1056	1	1123	788.4	7	1192	1670	8	1266	7	1143.27												
1982	2	01	1155	7	1029	7	818.2	7	898.5	7	1068	7	912.8	7	1025	7	905.0	7	973.8	7	1098	7	781.1	7	581.5	7	937.16							
1983	2	01	516.0	9	681.7	7	761.0	3	910.0	964.0	3	872.0	8	849.0	1326	8	885.0	907.0	912.0	871.25	3													
1984	2	01	1112	6	1212	986.6	1046	1020	1404	1135	1238	8	993.7	1534	1479	8	1152	1192.69																
1985	2	01	938.0	6	613.0	3	828.0	3	887.0	976.0	1053	942.0	980.0	9	1102	1025	967.0	1068	948.25	3														
1986	2	01	765.6	6	721.9	600.8	1393	1241	1019	699.6	820.2	868.8	1156	1193	534.1	917.75																		
1987	2	01	230.6	6	202.2	6	682.0	6	1075	6	1201	6	781.7	6	1389	6	1537	6	1294	6	1308	6	1321	6	1158	6	1014.96							
1988	2	01	917.7	6	849.8	380.8	1225	1026	1105	3	1185	1482	8	1231	8	1487	8	1484	1285	1138.19	3													
1989	2	01	1238	1	1078	6	753.6	6	1003	6	1089	1312	939.1	6	1146	6	1059	1102	1139	6	1049	1	1075.64											
1990	2	01	951.8	6	678.7	860.5	895.7	1054	632.0	735.9	949.1	980.1	1211	1257	1061	8	938.90																	
1991	2	01	1024	6	765.0	923.6	829.7	1308	8	1304	1054	1001	1025	871.9	958.4	862.5	993.93																	
1992	2	01	749.5	6	746.5	619.4	710.2	1061	964.3	995.2	1102	1275	1	988.0	1053	1090	946.18																	
1993	2	01	1194	6	768.1	933.1	989.3	1362	8	1262	1065	1102	1226	8	1477	8	1228	1128	1144.54															
1994	2	01	929.6	6	768.6	849.6	1307	1318	1294	1040	6	1464	6	1344	6	1312	6	1319	6	1130	1172.98													
1995	2	01	602.0	6	606.0	538.0	1202	1318	8	1258	8	1094	1002	1166	1220	1418	8	1124	1045.67															
1996	2	01	1416	6	1176	1100	1247	1253	1300	1391	1338	8	1297	1238	8	1126	1021	1241.92																
1997	2	01	1382	8	1246	765.0	3	931.0	3	831.0	1073	744.0	3	652.0	896.0	873.0	1131	615.0	3	928.25	3													
1998	2	01	707.0	9	802.0	3	674.0	3	937.0	3	1211	8	1204	1358	1288	8	1268	1324	8	1518	8	1253	1128.67	3										
1999	1	01	1279	8	1345	1178	8	1335	1180	1143	1035	1412	8	1526	1391	1585	8	1345	8	1312.83														
2000	1	01	957.7	8	1292	8	1116	8	1194	1502	8	1226	8	1167	1171	1415	8	1152	1496	8	1231	8	1243.31											
2001	1	01	851.4	3	558.1	3	1082	8	1119	3	1463	8	1058	1200	1322	1275	1417	1657	8	1393	8	1199.63	3											
2002	1	01	1088	8	616.8	485.7	1056	8	934.5	822.2	1409	1071	1315	996.7	1127	1012	8	994.49																
2003	1	01	776.0	3	939.7	3	968.0	8	988.5	8	1242	8	1147	8	1136	8	1033	8	997.4	8	*	992.7	3	983.8	3	1018.56	3							
2004	1	01	730.3	8	624.3	8	677.1	8	756.4	3	1059	8	857.8	3	884.2	8	898.5	3	893.0	8	925.8	8	969.6	8	914.3	8	849.19	3						
2005	1	01	931.8	8	814.6	3	1019	3	953.2	3	828.1	3	886.0	8	791.1	8	869.3	8	1036	3	1010	8	1257	3	963.4	3	946.63	3						
2006	1	01	954.2	1	811.7	3	931.3	8	876.1	8	998.8	8	963.4	8	971.3	3	976.5	3	826.9	8	889.7	8	968.4	8	1011	8	931.61	3						
2007	1	01	794.2	8	592.4	3	842.8	8	1064	3	1070	3	1154	8	864.9	8	1174	3	994.9	3	994.2	8	1216	3	1096	8	988.12	3						
2008	1	01	948.1	8	857.3	3	643.8	8	911.3	8	1041	3	1007	3	1037	8	997.6	3	842.1	8	871.5	8	1249	3	1063	3	955.73	3						
2009	1	01	998.7	3	983.7	8	909.4	8	858.0	8	831.8	8	868.3	3	940.9	8	1094	8	908.8	3	1316	8	1113	8	1187	8	1000.80	3						
2010	1	01	526.8	8	603.4	3	1018	8	1123	8	1107	8	1300	3	1208	8	1609	8	1067	3	1340	8	2134	8	2027	8	1255.27	3						
2011	1	01	1478	8	1031	8	899.9	8	1192	8	1356	8	1518	3	1526	8	961.3	8	1015	8	1417	3	1813	3	1772	3	1331.60	3						
2012	1	01	1705	8	1309	8	928.2	8	885.5	8	1365	8	765.9	8	740.2	8	1236	8	910.3	8	*	*	*	*	*	1093.90	3							
2013	1	01	778.7	8	1423	8	1035	8	1057	8	1081	8	1313	8	1107	8	1662	8	1304	8	1103	8	1477	8	1133	8	1206.14							
MEDIOS			924.9		863.9		816.5		1003		1137		1138		1065		1132		1136		1222		1258		1112		1067.23							
MAXIMOS			1705		1423		1243		1393		1502		1548		1635		1722		1526		1716		2134		2027		2134.00							
MINIMOS			230.6		202.2		380.8		555.5		828.1		632.0	</																				

ESTACIÓN BELLAVISTA MEDIOS

VALORES MEDIOS MENSUALES DE CAUDALES (m³/seg)

SISTEMA DE INFORMACION
NACIONAL AMBIENTAL

FECHA DE PROCESO : 2015/03/10

ESTACION : 11077010 BELLAVISTA

LATITUD	0633 N	TIPO EST	LM	DEPTO	CHOCO	FECHA-INSTALACION	1966-MAY
LONGITUD	7653 W	ENTIDAD	01 IDEAM	MUNICIPIO	BOJAYA	FECHA-SUSPENSION	
ELEVACION	12 m. s. n. m	REGIONAL	01 ANTIOQUIA	CORRIENTE	ATRATO		

A#O	EST	ENT	ENERO *	FEBRE *	MARZO *	ABRIL *	MAYO *	JUNIO *	JULIO *	AGOST *	SEPTI *	OCTUB *	NOVIE *	DICIE *	VR ANUAL *
1965	2	01	1877 6	1680 6	1701 6	2844 6	2123 6	2022 6	1863 6	2192 6	2692 6	3365 6	2320 6	1948 6	2218.92
1966	2	01	2413 6	1732 6	1426 6	1784 6	2855 6	3339 6	3710 6	3492 6	3522 6	3394 6	2932 6	2612 6	2767.58
1967	1	01	1756 6	1571 6	1442 6	1694 6	2588 6	3662 6	3896 6	3539 6	2963 6	2686 6	2562 6	2590 6	2579.08
1968	1	01		1474 8	1461 8	1496 8	1536 8	1535 8	1614 8	1641 8	1671 8	1727 8	1743 8	1828 8	1611.46 3
1969	1	01	1860 8	1800 8	1787 8	1835 8	1798 8	1753 8	1751 8	1758 8	1773 8	1703 8	1643 8	1719 8	1765.00
1970	2	01	2716	2615 6	1969 6	2754 6	3250 6	2900 6	2000 6	2730	3019 6	2920	2908	2583	2697.00
1971	2	01	3203 6	3110 6	2843 6	2776 6	2547	2899 6	2938 6	2576	2552	2395	2664	2140	2720.25
1972	2	01	2697	1675 6	1323 6	1411 6	2030 6	2372	1390 6	1565	2556	2153	2414	1796	1948.50
1973	2	01	1036	644.9 6	1477 6	1814	2255	2888	2651	2633	3267	3547	3780	3360	2446.08
1974	2	01	3162	3073	2414	1771	2329	2518	2746	2645	2700	3122	3182	2181	2653.58
1975	2	01	1832	1788	1292	1337	2543	2746	2772	3311	3062	2957	3447	3475	2546.83
1976	2	01	2189	1513	1258	1243	2236	2626	2178	1938	1662	2048	2435	1789	1926.25
1977	2	01	877.8	1650	964.5	1512	2689	2240	2309	2470	1971	2979	2305	1996	1996.94
1978	2	01	1272	1060	985.0	2820	2962	3066	2175	1905	2046	2721	2525	2657	2182.83
1979	2	01	1367	1298	1474	2254	2266	2401	2182	1894	2523	2767	2567	2218	2100.92
1980	2	01	2059	1792	1399	1827	2435	2405	1953	1970	2380	2913	2596	2932 1	2221.75
1981	2	01	1781	2776	2820	2231	2389	2659 1	2307 1	2484 1	1962	2482	3227	2864	2498.50
1982	2	01	2799	2480	1760	1859	2553	1963	2253	1663	2167	2316	1967	1286 1	2088.83
1983	2	01	612.8	411.4	1209	1724	2024	2165 1	2021 1	1890 1	2959	2410 1	1944 1	2188 1	1796.52
1984	2	01	2443	2754	2109	2502 1	2498 1	3239	2551	2631	2593 1	2919 1	3845 1	3076	2763.33
1985	2	01	2031	1642	1313	1657	1980 1	2413 1	2235	2571	2255	2345 1	2358 1	2320 1	2093.33
1986	2	01	1643	1407	1248	2818	2991 1	2291 1	2228 1	1630 1	1802 1	2434	2702	1437	2052.58
1987	2	01	968.7	842.6	1270	2208	2615 1	1777 1	2693 1	2586	3085 1	2619 1	2702 1	2465 1	2152.61
1988	2	01	2318 1	1883	1076	2604	2655	2324	2868	3623 8	2775	3868 8	3492	3702	2765.67
1989	2	01	3318	2043	1342	1653	2687	3071 6	2538	2526	2826 1	2529 1	2880	2910	2526.92
1990	2	01	2428	1459	1628	1983 1	2912 1	2080	1918	2220	2249	3290	3623	3015	2400.42
1991	2	01	2593	1287	2071	1991	2882	3180	2602	2381	2442	2322	2485 1	2978 1	2434.50
1992	2	01	1868	2239 8	2405 8	1913	2358 8	2175	2508 8	2753 8	3012 8	2419 1	2415 8	2591 8	2388.00
1993	2	01	2470 8	1676	1922	2392	3083 8	2678 8	2616 8	2302	2688 1	2908 8	3013 8	3101 8	2570.75
1994	2	01	2525 8	1928	2298 8	3307 8	3261 8	3084 8	2801 8	3412 8	3080 8	3070 8	3241 8	3231 8	2936.50
1995	2	01	1097 8	1116 8	1040 8	2326 8	2760 8	2419 8	2272 8	2220 8	2277 8	2690 8	2907 8	2781 8	2158.75
1996	2	01	2993 8	2896 8	2543 8	2944 8	3058 8	2880 8	3058 8	2927 8	2890 8	2605 8	2892 8	2375 8	2838.42
1997	2	01	2934 8	2914 8	1415 8	1533 8	1811	2365 8	1855	1410	1779 1	1809 1	2344 8	1996 8	2013.75
1998	2	01	1216 8	1618 8	1160 8	1791 8	2849 8	3109 8	3017 8	2863 8	3160 8	2955 8	3529 8	2980 8	2520.58
1999	1	01	3151 1	3156 1	2802 1	2811	3108	2886 1	2352 1	3118	3378	3359	3991 1	3906 1	3168.17
2000	1	01	2767 1	2948	2872	2637	3486	2952	2562	2646	3380 1	3289 1	3471	3106	3009.67
2001	1	01	2122	1663	1703	1943	2822	2689	2491	2579	2644	2587	3001	3539	2481.92
2002	1	01	2933	1396	1284	2002	2297	1707	2668	2135 1	2697 1	2170 1	2630	2745	2222.00
2003	1	01	1983	1576	1557 3	2354	3414 8	2647	3054 8	2578	2636	3477 8	3281 8	3119 1	2639.67 3
2004	1	01	1881 8	1141 8	1293 8	2003 8	2896 1	2666 1	2381 1	2436 1	2491 1	2623 1	2627 1	2710 1	2262.33
2005	1	01	2790 8	2139	2941 8	2764	2535 1	2185 1	2169 1	2369	2636	3316 8	3861 8	3304 8	2750.75
2006	1	01	2732 3	2329 8	2251 1	2530	3166 8	2868 1	2333 1	2394 1	2178 1	2320 1	2872 1	2954 3	2577.25 3
2007	1	01	2107 1	748.2 8	1850 8	3281 8	3512 8	3627 8	2674 1	3209 8	2754 1	3258 8	3647 8	3463 8	2844.18
2008	1	01	2688 1	1887 3	1753 1	2191 1	2714 3	2925 8	2920 8	2871 8	2366	2536	3409 8	3411 8	2639.25 3
2009	1	01	3338 8	2926 8	2052	2463	2523	2586 8	2604 8	2727 8	2398	2374	2501	2605	2591.42‡
2010	1	01	1659 8	1253 8	2318 8	2787 8	2771 8	3176 8	2739 8	3622 8	3145 8	2928 8	4156 8	4132 8	2890.50
2011	1	01	3746 8	2702 8	2284	3212 8	3093 8	3494 8	3414 8	2444	2464	3009 8	3703 8	3873 8	3119.83
2012	1	01	3642 8	3023 8	2037	2226	2819	2178	1702 8	2895 8	2151	2494	2872 8	3250 8	2607.42
2013	1	01	1632 8	2493	2644 8	2587	2567	2733 8	2536	3234 8	2924 8	2540	3202 8	3023 8	2676.25
MEDIOS			2240	1903	1785	2212	2643	2624	2471	2523	2584	2728	2915	2740	2447.26
MAXIMOS			3746	3156	2941	3307	3512	3662	3896	3623	3522	3868	4156	4132	4156.00
MINIMOS			612.8	411.4	964.5	1243	1536	1535	1390	1410	1662	1703	1643	1286	411.40‡

ESTACIÓN NEGUA MEDIOS

SISTEMA DE INFORMACION
NACIONAL AMBIENTAL

VALORES MEDIOS MENSUALES DE CAUDALES (m3/seg)

FECHA DE PROCESO : 2015/03/10

ESTACION : 11047030 NEGUA

LATITUD 0549 N

TIPO EST LM

DEPTO CHOCO

FECHA-INSTALACION 1975-MAY

LONGITUD 7637 W

ENTIDAD 01 IDEAM

MUNICIPIO QUIBDO

FECHA-SUSPENSION

ELEVACION 0035 m.s.n.m

REGIONAL 01 ANTIOQUIA

CORRIENTE NEGUA

A#O	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL

1976	2	01	85.80 6	57.50 6	46.30 6	49.40 6	94.00 8	95.38 8	73.84 8	67.51 8	53.09	78.44	107.7 8	74.98 8	73.66
1977	2	01	57.11 8	64.67	38.00 6	61.40 6	102.0 6	78.00 6	81.43 7	92.82	107.6 8	163.6 8	129.9 8	102.9 8	89.95
1978	2	01	65.23	80.06	96.12 8	294.1	110.8 6	109.3 6	78.00 6	71.80 6	79.60 6	109.5 6	66.19	104.2	105.41
1979	2	01	38.48	68.40 7	37.21	98.73 8	138.6 8	92.98 8	84.70 8	88.62 8	68.13	88.76 8	91.77 8	84.40 6	81.73
1980	2	01	82.10 6	69.30 6	47.92 7	57.27 7	53.19 7	52.15	50.62 7	62.11 7	84.86 7	112.1 7	114.7 7	103.7 7	74.17
1981	2	01	84.74 8	108.2 8	132.6 8	155.9 8	104.3 3	86.30 6	75.10 6	90.60 6	80.00 6	82.60 6	122.2 6	105.7 6	102.35 3
1982	2	01	140.8 8	130.7 8	92.29 8	60.88 8	76.54 8	52.47 8	73.62 8	71.70 8	77.01 8	96.49 8	55.78 7	58.27 3	82.21 3
1983	2	01	35.50 6	34.10 6	138.3 3	64.20 8	67.91 7	62.64 7	48.72 7	52.10 7	124.9 7	80.72	66.00	87.20 6	71.86 3
1984	2	01	92.30 6	100.9 6	81.00 6	90.40 6	88.90 6	113.6 6	93.90 6	66.70	62.08	95.45	91.49	82.46	88.27
1985	2	01	68.95 7	43.01 7	46.12	57.12	52.38	64.73	59.06	64.69	58.17	58.74	65.60	70.56	59.09
1986	2	01	56.88	48.66	46.77	69.00	68.77	62.19	53.41	46.88	50.37	68.52	69.20	59.34 3	58.33 3
1988	2	01	68.63 8	51.01 3	46.78 3	44.82 3	69.14 8	53.60 3	71.37 3	104.6 8	73.99 8	112.8 8	115.3 8	114.2 3	77.19 3
1989	2	01	104.5 8	79.26 3	49.29	121.1 8	69.84	82.30 3	72.03 8	91.25 3	74.34 3	95.87 3	*	97.43 3	85.20 3
1990	2	01	76.49 8	58.49	75.44	108.7 8	81.24 3	73.66 8	51.63 3	95.17 3	79.86	111.5 8	109.9 8	94.43 8	84.71 3
1991	2	01	72.29	51.45	97.31 8	81.23	115.1 8	96.26 8	91.58 8	71.41	76.49 3	78.97	84.59 8	82.70 8	83.28 3
1992	2	01	78.37	51.19	57.37	79.30 8	72.50	82.50 8	110.4 8	83.03 8	139.3 8	125.4 8	89.63	109.8 8	89.90
1993	2	01	95.86 8	58.89	68.17	87.75	100.6 8	95.41 8	78.71 8	87.25 8	77.11	108.6 8	93.37	97.98 8	87.48
1994	2	01	78.37	55.13 8	95.41	76.63 8	89.58	78.65 8	91.26	102.1 8	106.8 8	105.4 8	126.3 8	84.87 8	90.88
1995	2	01	64.10	63.00 8	46.10	94.10	111.2 8	93.00 8	61.40	71.70	109.4 8	106.5 8	113.9 8	101.3 8	86.31
1996	2	01	112.4	90.30 8	92.20 8	96.90	96.40 8	98.70 8	98.60 8	95.90	120.9 8	105.5 8	119.2	83.20	100.85
1997	2	01	132.4 8	132.8 8	63.40 3	60.80	107.1 8	115.4 8	97.60 8	56.50	86.20 8	96.80	106.5 8	56.60	92.68 3
1998	2	01	34.20	73.80 8	42.00	84.60	105.8	93.50 8	94.10	100.9 8	100.5 8	106.3 8	129.9 8	93.30	88.24
1999	1	01	116.0 8	107.9	100.7 8	103.7 8	110.6 8	102.7 8	73.57 8	112.6 8	121.4 8	129.8 8	136.6 8	110.6 8	110.51
2000	1	01	99.37 8	85.90	56.87 8	75.72 8	131.1 8	89.43	120.1 8	97.54 8	109.5 8	93.69	119.5 8	115.5 8	99.52
2001	1	01	99.11 8	42.01	78.40	69.53	109.0 8	81.63	95.91 8	94.86 8	73.16	107.4 8	117.5 8	119.0 8	90.63
2002	1	01	87.18 8	50.76	48.46	109.7 8	99.93 8	82.49	125.7 8	91.53 8	114.6 8	81.21	97.20 8	111.4 8	91.68
2003	1	01	66.79 8	74.75	89.36 8	88.11 8	103.8 3	126.4 8	95.56 8	102.7 8	89.93 8	140.9 8	95.11 3	104.1 8	98.13 3
2004	1	01	67.71	93.65 8	105.7 8	100.7 3	97.73 8	95.05 8	110.8 8	105.3 8	107.1 3	112.8 3	112.5 8	118.2 8	102.27 3
2005	1	01	128.2 3	*	*	88.03 3	100.4 3	*	*	*	*	105.9	155.5 8	107.6 3	114.27 3
2006	1	01	76.78 3	116.7 3	83.19 3	103.9 3	116.0 3	*	84.27 3	67.75 8	121.6 3	104.1 3	106.5	130.8 3	101.05 3
2007	1	01	81.65 3	*	134.9 3	87.10 8	101.7 3	114.6 8	78.84	103.6 8	85.87 8	97.37	160.2 3	108.4	104.93 3
2008	1	01	96.89 8	97.13 8	43.33 8	77.16 8	99.69 8	96.61	84.36 3	102.6 8	63.08 8	74.15	142.2 3	113.7 3	90.91 3
2009	1	01	88.89	81.05	112.8 3	110.3 3	69.45	92.03 3	53.88 8	101.6	79.52	95.48	80.91	118.1	90.33 3
2010	1	01	50.88 8	59.24 8	105.6 8	121.0 8	82.48 8	106.8 8	111.6 8	108.0 3	87.61 8	108.9 8	143.4 8	146.8 8	102.69 3
2011	1	01	100.5 8	117.2 8	83.14 8	151.9	160.8 3	175.6 3	149.4 3	104.0 8	95.47 8	146.6 8	158.4 3	186.6 3	135.80 3
2012	1	01	113.6 8	92.80	81.80	81.63 3	92.71 8	86.38 8	78.03 3	80.73 3	32.85 3	67.90 8	132.7 8	111.7 3	87.74 3
2013	1	01	81.07 3	131.5 3	52.22 3	105.3 3	126.6 8	95.48 8	102.5	138.0 8	*	*	*	*	104.08 3
MEDIOS			83.25	77.76	75.35	93.73	96.70	90.80	84.88	87.39	87.78	101.5	109.4	101.4	90.83
MAXIMOS			140.8	132.8	138.3	294.1	160.8	175.6	149.4	138.0	139.3	163.6	160.2	186.6	294.10
MINIMOS			34.20	34.10	37.21	44.82	52.38	52.15	48.72	46.88	32.85	58.74	55.78	56.60	32.859