

STATION DESCRIPTION

RIVER : *La Chaux*

CATCHMENT CODE : *H*

STATION CODE : *H02*

LOCATION : *Beau Vallon*

GRID REF. **Easting** : 1,017,770
 Northing : 975,400

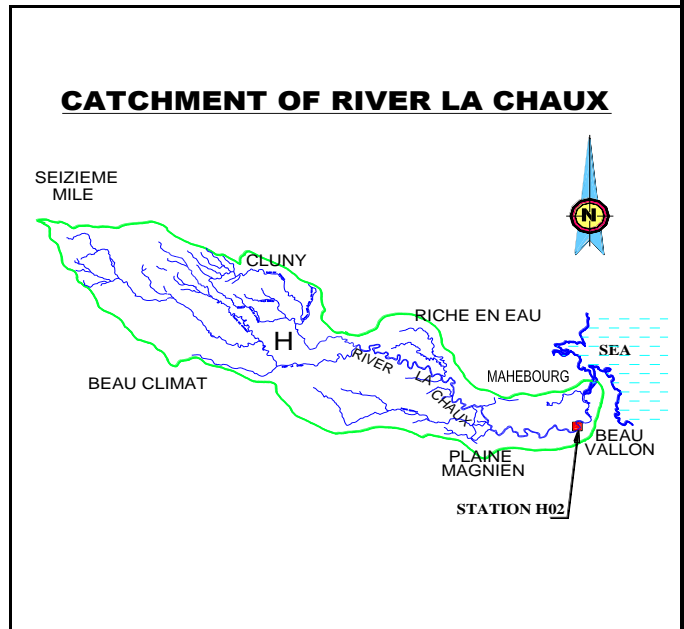
ELEVATION : 7
 (m) (a.m.s.l)

MAXIMUM ELEVATION : 680
 (m) (a.m.s.l)

CATCHMENT AREA (Km²)

At Station : 59.78

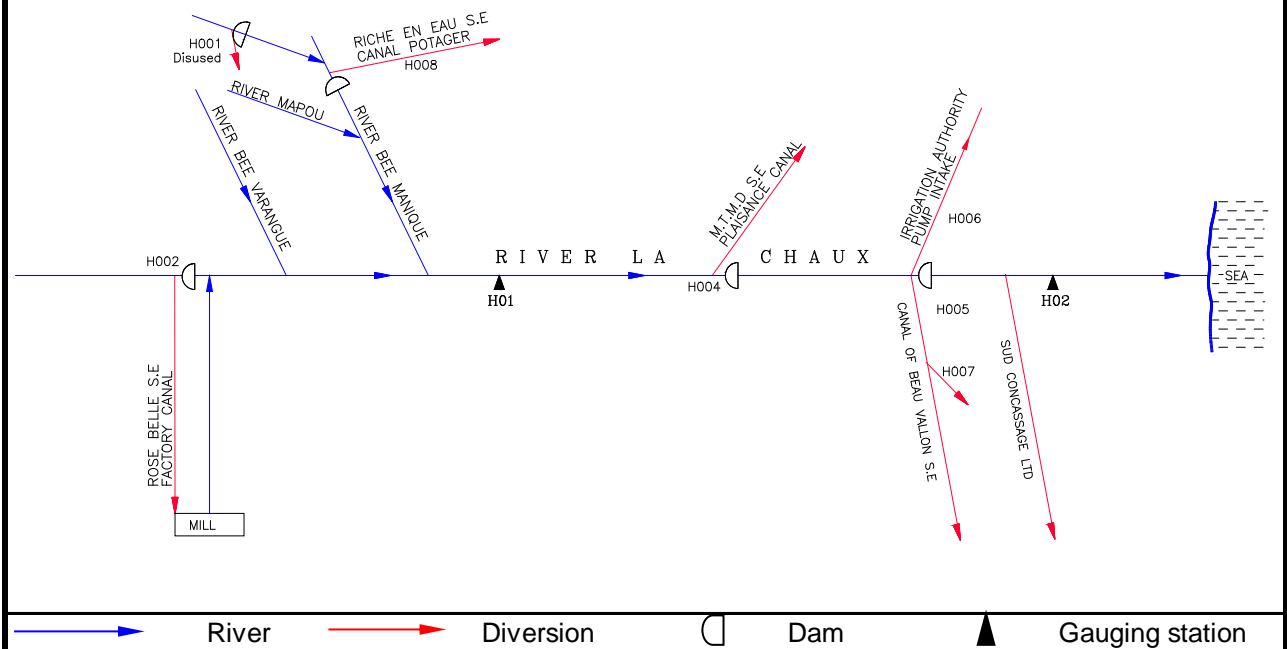
At Sea : 63.40



EQUIPMENT : *Crump weir with 1 m staff gauge*
 : *Leupold and Stevens Type A 71 strip chart water level recorder*

RECORD : *Since February 1974*

SCHEMATIC DIAGRAM OF RIVER LA CHAUX



ANNUAL DISCHARGE RECORD

YEAR 2009/10	RIVER										La Chau	H02	
	Day	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
1	3.850	1.590	2.880	8.650	3.710	3.480	3.370	1.920	1.310	1.520	1.140	0.665	
2	2.840	1.570	2.580	5.690	3.360	3.400	3.120	1.830	1.400	1.360	1.050	0.638	
3	2.070	2.820	2.310	4.850	3.190	3.110	4.000	1.790	1.430	1.340	1.740	0.604	
4	1.900	1.990	1.970	4.620	3.130	3.370	3.300	1.800	1.330	1.140	1.780	0.583	
5	1.550	1.840	1.930	4.690	3.370	3.100	3.050	1.790	1.360	1.180	1.510	1.100	
6	1.490	1.670	1.850	4.170	7.780	3.010	2.840	1.760	1.330	1.280	1.310	0.858	
7	1.650	1.510	4.300	4.360	9.000	3.000	2.750	1.630	1.280	1.240	1.190	0.679	
8	1.750	1.380	3.210	5.640	5.630	2.850	2.670	1.570	1.560	1.220	1.130	0.612	
9	1.430	1.370	2.970	13.100	6.770	3.460	2.560	1.500	1.590	1.480	1.040	0.600	
10	1.360	1.290	2.770	10.100	5.900	3.100	2.510	1.520	1.480	1.340	1.290	0.623	
11	1.270	1.210	2.610	11.400	5.280	2.800	2.550	1.470	1.400	1.050	1.310	0.532	
12	1.180	1.220	2.440	20.200	4.890	2.680	2.420	1.450	1.300	1.030	1.220	0.480	
13	1.130	1.220	2.560	8.630	4.680	2.840	2.310	1.550	1.290	1.070	1.070	0.466	
14	1.190	1.220	7.490	6.630	4.490	2.630	2.200	1.460	1.530	1.650	0.966	0.445	
15	1.380	1.220	10.100	5.600	4.080	2.510	2.190	1.330	1.440	1.380	0.854	0.480	
16	1.140	1.220	4.160	6.890	3.900	2.380	2.120	1.200	1.380	1.150	0.844	0.505	
17	1.480	1.220	2.160	8.620	3.510	2.310	1.950	1.220	1.380	1.050	0.834	0.505	
18	6.520	1.190	1.650	7.380	3.900	2.220	2.680	1.290	1.350	1.210	0.766	0.426	
19	2.530	1.130	1.430	6.950	5.530	2.760	2.370	1.300	1.330	1.120	0.749	0.375	
20	1.930	1.170	1.230	6.260	3.820	8.960	2.150	1.380	1.340	1.080	0.692	0.388	
21	1.600	1.130	2.540	5.770	3.530	4.080	2.340	1.290	1.360	1.170	0.725	0.354	
22	1.710	1.070	3.860	5.730	3.350	4.390	2.370	1.140	1.350	1.180	0.739	0.324	
23	1.840	1.070	7.370	5.400	4.480	4.130	2.220	1.060	1.640	1.060	0.718	0.315	
24	1.540	1.030	12.300	5.080	3.730	3.930	2.010	1.070	1.380	1.020	0.688	0.327	
25	2.920	0.975	9.150	4.020	3.450	3.730	1.850	2.590	1.560	1.040	0.690	0.326	
26	2.890	1.010	8.040	3.760	3.370	3.670	1.830	1.560	1.890	1.130	0.632	0.412	
27	1.830	1.080	6.900	4.120	3.330	3.510	1.830	1.510	1.800	1.010	0.609	0.317	
28	1.800	0.958	6.370	3.930	3.450	3.330	1.880	1.300	1.660	1.140	0.623	0.278	
29	1.910	4.410	5.610		3.200	3.620	1.890	1.210	1.470	1.500	0.623	0.277	
30	1.730	2.740	5.120		4.860	3.260	2.200	1.300	1.380	1.380	0.627	0.258	
31		3.180	4.810		3.660		2.120		1.390	1.260		0.271	
Total (m³/sDays)	59.410	47.703	134.670	192.240	136.330	101.620	75.650	44.790	44.690	37.780	29.159	15.023	919.065
Volume (Mm³)	5.133	4.122	11.635	16.610	11.779	8.780	6.536	3.870	3.861	3.264	2.519	1.298	79.407
Mean (m³/s)	1.980	1.539	4.344	6.866	4.398	3.387	2.440	1.493	1.442	1.219	0.972	0.485	2.518
Max (m³/s)	6.520	4.410	12.300	20.200	9.000	8.960	4.000	2.590	1.890	1.650	1.780	1.100	20.200
Min (m³/s)	1.130	0.958	1.230	3.760	3.130	2.220	1.830	1.060	1.280	1.010	0.609	0.258	0.258
Abs Peak (m³/s)	19.600	11.100	54.800	51.800	27.800	16.600	9.260	6.430	2.300	2.120	2.000	1.480	54.800