

Location	X	Y	CH4 (vol%)	CO2 (vol%)	O2 (vol%)	H2 ppmv	CO ppmv	H2S ppmv	Balance (vol%)	Radon (bq m <sup>-3</sup> )	Atmospheric pressure (mbar)	Humidity (%)	Temperature (°C)	soil type
Peyrorado	-1.110608	43.53165	0	3.1	18.8	31	4	0	78.8	13260	1015	83.8	23	Grassland
La Bourgade	-1.186809	43.519494	0	0.1	3.8	0	0	0	15.8	7444	1016	77.7	24	Forest
Sud Bardos	-1.1929778	43.445451	0	0.9	20.3	34	2	0	79.2	72	1012	91.9	25	Grassland
Isturitz	-1.2023857	43.358344	0	1.0	19.9	16	2	0	79.3	199	1004	68.8	27	Grassland
Iholdy	-1.197617	43.267475	0	1.1	19.7	1	1	0	79.4	177	987	85.7	27	Grassland
Bois d'Ostabat	-1.0636998	43.282326	0	1.0	20.2	3	1	0	79.5	283	993	79.1	29	Meadow
Gabat	-1.0722578	43.37346	0	1.1	20.4	2	1	0	79.5	76	1000	85.6	33	Grassland
Arancou	-1.0562003	43.445526	0	0.9	19.0	18	4	0	79.6	66	1006	70.2	36	Grassland
Puyo	-0.9448968	43.546198	0	0.5	19.9	14	1	0	79.5	29	1007	71.6	35	Grassland
Salies de Bearn	-0.918758	43.460145	0	1.7	19.7	52	3	0	79.6	132	1007	54.7	35	Grassland
Saint Laurent Bretagne	-0.1969404	43.382274	0	0.4	16.3	3	1	0	79.2	799	984	72.9	21	Grassland
Lannecaube	-0.2109628	43.482495	0	1.5	19.8	26	3	0	79.2	309	1002	74.7	23	Grassland
Castetpugon	-0.2208758	43.563465	0	0.2	20.8	6	2	0	79.0	173	1004	78.4	24	Grassland
Sensacq	-0.3496236	43.581854	0.18	1.3	20.6	26	3	0	78.9	70	1007	87.2	23	Grassland
Méracq	-0.3937847	43.512739	0	0.7	20.7	9	2	0	79.0	147	376	213.9	172	Grassland
Navailles-Angos	-0.3458781	43.405046	0	0.1	20.6	6	1	0	79.3	229	995	76.4	27	Grassland
Uzein	-0.4410873	43.39658	0	0.7	20.6	4	1	0	79.1	189	1003	76.2	27	Grassland
Esterencuby	-1.1867999	43.105215	0	1.2	21.0	38	1	0	78.5	29	991	72.3	21	Meadow
Errozate	-1.1510656	43.042125	0.08	1.3	21.4	18	1	0.2	78.3	5	887	66.3	18	Meadow
Zazpigain	-1.0379461	43.010372	0	2.2	20.9	27	1	0	78.1	181	861	73.4	17	Meadow
Pic d'Apanice	-1.0379461	43.100868	0	0.1	20.9	0	1	0.8	78.7	148	901	87.5	20	Meadow
Alcay	-0.9149188	43.095668	0	1.6	20.7	5	0	1	79.1	63	986	96.3	25	Meadow
Logibarria	-0.9260405	43.020038	0	0.5	20.8	8	1	1	78.9	35	972	75.1	27	Meadow
Pic d'issarbe	-0.7953253	43.018106	0	2.0	21.0	66	3	1	78.5	705	864	58.1	23	Meadow
Montorry	-0.82029	43.096886	0	0.5	21.1	0	0	1	78.7	59	985	97.9	22	Grassland
Arette	-0.7073994	43.108241	0	1.5	19.9	0	0	1.4	78.9	10978	974	96.7	25	Grassland
Lourdios Ichère	-0.6689824	43.047011	0	0.2	20.9	0	0	1.2	78.9	1003	964	75.7	27	Meadow
Bustince Iribéry	-1.1850354	43.19192	0.02	0.2	21.2	17	1	1	78.6	827	993	72.8	22	Grassland
Saint Juste Ibarre	-1.0561151	43.189128	0	0.5	20.8	0	0	1	78.7	8152	996	90.7	25	Grassland
Ordiaarp	-0.9424667	43.184364	0	0.6	20.7	5	0	1	79.0	43	993	76.6	27	Grassland
Barcus	-0.7867208	43.188848	0	0.6	20.6	23	3	1	79.0	20	981	72.9	28	Grassland
Esquile	-0.7048902	43.194938	0	0.4	20.9	0	0	1	78.7	1811	986	64.4	28	Grassland
Lamidou	-0.7168551	43.285576	0.02	0.9	20.5	15	1	1	79.0	32	999	67.6	27	Grassland
Moncayolle	-0.8434068	43.264186	0	0.6	20.8	0	0	1.4	79.1	43	988	61.6	29	Grassland
Ainharp	-0.9272931	43.268024	0	0.7	20.1	0	0	1.6	79.3	5296	981	64.8	32	Grassland
Osserain	-0.9605008	43.377704	0	0.4	20.2	1	0	1.8	79.3	252	1007	46.8	36	Grassland
Laas	-0.8470193	43.379819	0	0.3	20.5	7	0	1.4	79.1	1909	1005	55.6	37	Grassland
Laneplaa	-0.8235575	43.460734	0	0.8	20.7	46	1	1	78.6	851	1002	69.4	27	Grassland
Hourquebie	-0.8417444	43.534271	0	0.6	20.8	1	1	1	78.6	4280	999	77.2	26	Grassland
Pibole	-0.7324928	43.550378	0	0.1	21.1	4	1	1	78.7	388	1007	82.4	26	Grassland
Biron	-0.7487931	43.46425	0	0.0	20.9	0	0	1	79.1	4364	1010	80.8	28	Grassland
Sauvelade	-0.7051026	43.396065	0	1.9	20.2	4	2	1	78.8	2456	1005	60.2	31	Grassland
Abidos	-0.6055312	43.394956	0	2.1	20.8	0	0	1	79.0	88	1006	68.3	30	Grassland
Arthez de Bearn	-0.5979083	43.463609	0	1.0	20.8	25	1	1.52	79.0	95	998	66.3	32	Grassland
Castlener	-0.5769138	43.546863	0	0.2	20.9	2	1	1.6	78.9	42	997	53.5	34	Grassland
Philondex	-0.440628	43.564529	0	1.0	20.5	4	2	1	79.1	74	996	59.5	33	Grassland
Momas	-0.4497019	43.450535	0.22	2.5	19.8	24	3	1.8	79.0	45	999	59.6	34	Grassland
Col de Jaut	-0.3395519	43.036691	0	0.3	19.7	2	1	0	80.2	1927	896	58.2	33	Meadow
Mifaget	-0.3079806	43.110394	0	0.2	19.7	0	0	0	79.3	225	985	75.5	22	Grassland
Montaut	-0.1910826	43.119642	0	1.6	19.7	5	1	0	79.1	8313	983	76.6	22	Forest



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Mauléon Licharre	-0.89056	43.2317	0	0.1	19.9	1	0	0	79.9	63	990	70.0	30	Soil
Charre	-0.87881	43.3195	0	0.6	19.7	13	2	0	79.7	36	1001	62.4	31	Soil
Béhasque Lapiste	-1.00086	43.3238	0	0.1	20.2	2	1	0	79.7	65	1004	61.6	32	Soil
Pagolle	-0.98865	43.2314	0	0.0	20.1	2	0	0	79.7	73	996	56.5	35	Soil
Saint Etienne Lantabat	-1.14774	43.2461	0	0.3	20.5	2	0	0	79.3	12835	994	63.3	33	Soil
Méharin	-1.13918	43.3302	0	0.1	20.5	1	0	0	79.4	61	997	64.6	32	Soil
Orègue	-1.13547	43.3961	0	0.3	20.1	1	0	0	79.6	115	999	62.2	33	Soil
Abitain	-0.99522	43.4123	0	0.3	20.5	1	0	0	79.2	5365	999	70.4	25	Soil
Orion	-0.86208	43.4185	0	0.4	20.1	1	0	0	79.4	86	981	91.8	24	Soil