



Supplementary material: Dealing with hydrologic data scarcity: the case of the Tindouf basin

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Supplementary Table S1. Piezometric and indirect water table data

Country or territory	Aquifer	Lat	Long	PZ Level (m)	Name	Type	Reference
ALGERIA	4	27.926	-7.902	390.00		PZ	Lamouroux and Hani [2006]
ALGERIA	4	28.185	-7.849	396.70		PZ	Lamouroux and Hani [2006]
ALGERIA	4	28.232	-7.875	402.50		PZ	Lamouroux and Hani [2006]
ALGERIA	4	28.293	-7.937	415.00		PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.912	-8.141	407.13		PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.871	-8.024	390.00		PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.877	-7.990	390.00		PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.362	-8.080	390.00		PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.310	-8.062	390.00		PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.732	-8.168	404.25		PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.816	-8.328	434.20		PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.543	-8.361	420.00		PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.514	-8.192	398.07		PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.609	-8.157	397.17		PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.391	-8.185	398.32		PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.214	-8.216	397.85		PZ	Lamouroux and Hani [2006]

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* Corresponding author.

Supplementary Table S1. (continued)

Country or territory	Aquifer	Lat	Long	PZ Level (m) Name	Type	Reference
ALGERIA	4	27.185	-8.275	400.00	PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.060	-8.304	408.20	PZ	Lamouroux and Hani [2006]
ALGERIA	4	26.982	-8.463	414.19	PZ	Lamouroux and Hani [2006]
ALGERIA	4	26.982	-8.543	417.52	PZ	Lamouroux and Hani [2006]
ALGERIA	4	27.293	-8.592	425.10	PZ	Lamouroux and Hani [2006]
ALGERIA	2	26.859	-7.225	390.00	PZ	Lamouroux and Hani [2006]
ALGERIA	2	26.955	-7.177	370.00	PZ	Lamouroux and Hani [2006]
ALGERIA	2	27.030	-7.221	355.00	PZ	Lamouroux and Hani [2006]
ALGERIA	1	26.892	-7.091	354.00	PZ	Lamouroux and Hani [2006]
ALGERIA	1	26.835	-7.177	364.00	PZ	Lamouroux and Hani [2006]
ALGERIA	1	26.813	-7.211	365.00	PZ	Lamouroux and Hani [2006]
ALGERIA	3	27.246	-8.063	391.40	PZ	Lamouroux and Hani [2006]
ALGERIA	3	27.226	-8.100	392.86	PZ	Lamouroux and Hani [2006]
ALGERIA	3	27.215	-8.174	395.74	PZ	Lamouroux and Hani [2006]
ALGERIA	3	27.287	-8.123	393.76	PZ	Lamouroux and Hani [2006]
MAROC	3&4	27.580	-6.000	387.00	SEBKHA	Pekel et al. [2016]
ALGERIA	2	27.050	-6.170	342.00	SEBKHA	Pekel et al. [2016]
MAROC	1	30.276	-6.336	1205.00 Lahwissi Lhaymar	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	30.290	-6.316	1348.00 Aïn Tafgam	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	30.375	-6.259	1196.00 Hassi ac Cfiya	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	27.831	-11.490	138.00 Aïn Semaïera	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	28.500	-10.530	256.00 Aouinet n'Aït Oussa	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	28.383	-10.382	155.00 Aïn Toufrit	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	28.470	-10.740	138.00 Aïn Tamousift	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	30.450	-6.950	1050.00 Aïn Aït Aïssa	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	29.150	-9.230	725.00 Aïn Abariaz	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	30.302	-7.217	1633.00 Arhbalou Tizelmo	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	27.780	-11.510	138.00 Aïn Semaïera	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	2	29.880	-7.160	566.00 Ayoun Sidi Abd Ou Mhind	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	30.400	-6.780	1032.00 Aïn Aderf	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	30.410	-6.766	1105.00 Aïn Tassakht	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	30.180	-7.400	1110.00 Aïn Tatelt	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	1	29.734	-7.805	747.00 Hassi Khriouia	SPRING	NGA GEOnet Names Server (GNS) [2023]
ALGERIA	1	27.399	-3.307	402.00 Aïn El Berda	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	2	28.359	-10.341	211.00 Aïn Delouine	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	2	28.430	-9.800	241.00 Aïn Oum Mesdour	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	2	28.566	-9.410	262.00 Taboulsent	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	2	28.510	-9.630	298.00 Aïn Tamoumout	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	2	28.630	-9.430	329.00 Adroum	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	2	29.809	-6.977	490.00 Aïn Sofra	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	2	29.434	-7.944	428.00 Aïn Bou Mellous	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	2	29.430	-7.880	418.00 Oum Jerfane	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	2	29.350	-7.900	386.00 Aïn Mohr	SPRING	NGA GEOnet Names Server (GNS) [2023]
MAROC	2	29.278	-8.396	458.00 Aouina Ikhf Ouakhf	SPRING	NGA GEOnet Names Server (GNS) [2023]

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Supplementary Table S1. (continued)

Country or territory	Aquifer	Lat	Long	PZ Level (m)	Name	Type	Reference
MAROC	2	29.637	-7.655	460.00	Guellet El Araï̄s	SPRING	NGA GEONet Names Server (GNS) [2023]
MAROC	2	29.350	-7.730	349.00	Aïn Arhgig	SPRING	NGA GEONet Names Server (GNS) [2023]
MAROC	2	29.530	-7.580	377.00	Hassi Oum Achouch	SPRING	NGA GEONet Names Server (GNS) [2023]
MAROC	2	29.627	-7.673	463.00	El Mhaguene	SPRING	NGA GEONet Names Server (GNS) [2023]
MAROC	2	29.493	-7.992	460.00	Aïn Dob	SPRING	NGA GEONet Names Server (GNS) [2023]
MAROC	2	29.560	-7.930	494.00	Aïn Sekka	SPRING	NGA GEONet Names Server (GNS) [2023]
ALGERIA	2	27.690	-3.005	327.00	Damrani	SPRING	NGA GEONet Names Server (GNS) [2023]
MAROC	3	28.430	-9.280	352.00	Taboudlalt	SPRING	NGA GEONet Names Server (GNS) [2023]
MAROC	3	28.410	-9.200	242.00	Tizgui Remt	SPRING	NGA GEONet Names Server (GNS) [2023]
ALGERIA	3	29.148	-6.956	672.00	Bel Ahmar Bou Tkita	SPRING	NGA GEONet Names Server (GNS) [2023]
MAROC	4	28.188	-8.917	542.00	Aouinet Aoura	SPRING	NGA GEONet Names Server (GNS) [2023]
MAROC	4	28.820	-7.710	449.00	Bou Akba	SPRING	Fabre and Greber [1955]
ALGERIA	3	27.810	-4.220	376.00	Chouikhia	SPRING	Martin [1930]
MAROC	1	29.880	-6.120	521.00	Oum Laalag	SPRING	Bouaouinate and Aneflouss [2013]
SAHARA OCC	3&4	27.110	-9.810	476.00	Hassi El Farsia(1)	WELL	Gaudio [1952]
SAHARA OCC	4	27.400	-9.050	460.00	Al Mahbès	WELL	Sicart and Ruffié [1962]
MAROC	4	29.170	-5.380	571.00	Hassi El Khebbi	WELL	Sadi and Kehal [2002]
MAROC	3	28.340	-9.830	284.00	Hassi Aggou	WELL	NGA GEONet Names Server (GNS) [2023]
MAROC	3	28.180	-10.560	268.00	Hassi Ersan	WELL	NGA GEONet Names Server (GNS) [2023]
MAROC	3	27.930	-9.950	424.00	Hassi Bouerat	WELL	NGA GEONet Names Server (GNS) [2023]
SAHARA OCC	2	27.150	-10.967	234.00	Hassi El Farsia(2)	WELL	NGA GEONet Names Server (GNS) [2023]
ALGERIA	2	28.680	-3.540	448.00	Khattamia	WELL	Martin [1930]
SAHARA OCC	2	26.640	-8.950	442.00	24	WELL/PZ	Ron Martin [2020]
SAHARA OCC	1	26.177	-11.295	333.50	15	WELL/PZ	Ron Martin [2020]
SAHARA OCC	3	27.534	-9.994	520.00	Pahoc-6-1	WELL/PZ	Ron Martin [2020]
ALGERIA	4	28.567	-7.467	467.00	Naga H1-5	WELL/PZ	Ron Martin [2020]

PZ: Piezometer; SEBKHA: Sebkhia; SPRING: Spring; WELL: traditional well; WELL/PZ: traditional well with piezometric level; 1: Cambro-Ordovician; 2: Devonian; 3: Visean; 4: Hamadian; 3&4: Hamadian and Visean.

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