

Locations for DBHD 1.4.2 nucl. rep. in NaCl-halite-basins worldwide : April 2019

Name of Salt Basin	age in Mio. yrs	country nation	top of salt	thickness of salt	type of facility
1 Abenaki ; Nova Scotia	Jurassic 201-145	Canada			
2 Adavale ; .pdf	Devonian 419-359	Australia		584 > 77	ART-TEL
3 Adelaide fold belt ;	Neoproterozoic 1.000 - 541	Australia			
4 Adriatic–Albanian foredeep ;	Miocene 23 - 5	Albania			
5 Amadeus Basin ;		Australia	0,00		
6 Amadeus Basin (Chandler) ; see .pdf	Toyonian 510	Australia	850	300	ART-TEL
7 Amazonas ; Aptian, Tupi, but not on land	Carboniferous 359 - 299	Brazil	3000	2400	
8 Andean ; Salar de Uyuni (9654 km ² and N 120 m tl	Carboniferous 359 - 299	Chile	0,00	120	
9 m thick)	Carboniferous 359 - 299	Chile	0,00	900	
10 Apennine ;	Triassic 252 - 201	Italien			
11 Appalachian ;	Silurian 443 - 419	USA			
12 Aquitaine ;	Today, Saline Atlantic Sea	France	0,00		
13 Arabian Basin (Gotnia Salt Basin);	Miocene 23 - 5			Danger	
14 Arabian Basin (Hith Salt Basin);	Miocene 23 - 5			big salt	
15 Arabian Basin (Hormuz central Saudi);	Miocene 23 - 5			but near	
16 Arabian Basin (Hormuz Gulf region);	Miocene 23 - 5			magma	
17 Arabian Basin (Hormuz–Kerman region);	Miocene 23 - 5			chambers	
18 Atlas (Algerian–Tunisian); see .pdf	Triassic 252 - 201	Tunesia	?	5300	DBHD
19 Atlas (Moroccan);	Triassic 252 - 201	Morocco	3000	2000	
20 Baltimore Canyon ; 2 Mega Domes, on land !	Jurassic 201-145	USA	300	15000	DBHD
21 Berrechid ;	Triassic 252 - 201	Morocco		100 ?	
22 Betic–Guadalquivir Basin ;		Spain			
23 Bohai Basin ; on land ?		China			
24 Bonaparte (Petrel); not on land, in water		Australia			
25 Brazilian Aptian Basin (Camamu);		Brazil			
26 Brazilian Aptian Basin (Campos–Santos);		Brazil		50	
27 Brazilian Aptian Basin (Ceara);		Brazil			

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28	Brazilian Aptian Basin (Cumuruxatiba);		Brazil			
29	Brazilian Aptian Basin (Sergipe–Alagoas);		Brazil			
30	Cankiri–Corum ;		Turkey			
31	Canning Basin ; too deep ?		Australia	200-50		
32	Cantabrian–West Pyrenees ;		Spain	Diapirs		DBHD
33	Carnarvon Basin (Yaringa) ; on land ?		Australia			
34	Carpathian foredeep ; little salt banks, deep		Poland Ukraine	Evaporite		
35	Carson Basin (Grand Banks); not on land		USA			
36	Chu–Sarysu (Devonian);		Kazakhstan			
37	Chu–Sarysu (Permian);		Kazakhstan			
38	Cicilia–Latakia ;		Syria ?			
39	Cuban ; island of Cuba		Cuba			
40	Danakil ;		Ethiopia	Salt desert		
41	Dead Sea ; a salt lake		Jordania			
42	Dniepr–Donets ;		Ukraine	Salt Domes		DBHD
43	Dniepr–Donets ;		Ukraine	Salt Domes		DBHD
44	Eastern Alps ;	Permian	Austria			
45	Ebro Basin ;		Spain	0,00		
46	Flemish Pass Basin ; not on land, in water					
47	Georges Bank ; not on land, in water					
48	Green River Basin ;		USA			
49	Gulf of Mexico (Northern; Gulf coast) ;	Salt Domes	USA	500	10000	DBHD
50	Gulf of Mexico (Southern; Salina–Sigsbee);		USA			
51	Haltenbanken ; not on land		Norway			
52	Haymana–Polatli ;		Turkey			
53	Holbrook Basin ;		USA	50		
54	Horseshoe Basin (Grand Banks);		USA			
55	Hudson Bay ;		Canada			
56	Ionian ;	Triassic 252 - 201		50		
57	Jeanne d'Arc Basin (Grand Banks); not on land					
58	Jiangnan Basin ;		China			
59	Jura/Rhodanian ; already full mined		Austria			
60	Katangan ;		Congo			
61	Khorat Basin ;		Thailand	2x300		ART-TEL

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62	Kuqa Foreland (Tarim Basin);	China		50-150	
63	La Popa (Monterrey) Basin;	Mexico			
64	Lusitanian;	Portugal			
65	Mackenzie Basin;	Canada			
66	Maestrat;	Spain			
67	Majunga Basin; not on land	Madagascar			
68	Mandawa Basin;	Tanzania	100	3000	DBHD
69	Ma'rib–Al Jawf/Shabwah (Hadramaut);	Jemen	200	1500	
70	Maritimes Basin; massive salt, salt domes	Canada	500	1000-1400	DBHD
71	Mediterranean–Western; under water				
72	Mediterranean–Adriatic; under water				
73	Mediterranean–Andros Basin; under water				
74	Mediterranean–Cretean Basin; under water				
75	Mediterranean–Samothraki basin; under water				
76	Mediterranean–Tyrrhenian; under water				
77	Mediterranean–Central; under water				
78	Mediterranean–Eastern; under water				
79	Mediterranean–Sicilian; under water				
80	Michigan Basin; too many people around	USA, Canada			
81	Moesian;				
82	Moose River Basin;	Canada	600	100	ART-TEL
83	Neuquen Basin;	Argentina			
84	Nordkapp Basin; salt domes but under water				
85	Officer Basin; huge, deep, massive salt	Australia	1000	4500	DBHD
86	Olduvai depression;	Tanzania			
87	Oman (Fahud Salt Basin); too deep	Oman			
88	Oman (Ghaba Salt Basin); too deep	Oman			
89	Oman (Ghudun Salt Basin); too deep	Oman			
90	Oman (South Oman Salt Basin); too deep	Oman			
91	Oriente–Ucayali (Pucara) Basin;	Ecuador			
92	Orpheus Graben; under water	Canada			
93	Palmyra;				
94	Paradox Basin;	USA	500	1000	ART-TEL
95	Parry Islands Fold Belt; little salt and too deep	Canada			

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- 96 **Pricaspian Basin**; Kungurian Salt Basin
- 97 **Pripyat Basin**;
- 98 **Qaidam Basin**;
- 99 **Qom–Kalut**; evaporite, some salt domes
- 100 **Red Sea (North)**; under water
- 101 **Red Sea (South)**; under water
- 102 **Rot Salt Basin**;
- 103 **Ruvuma Basin**; under water
- 104 **Sabinas Basin**;
- 105 **Sachun Basin**;
- 106 **Salar Basin 118. (Grand Banks)**;
- 107 **Salt Range (Hormuz–Punjab region)**;
- 108 **Salt Range (Kohat Plateau)**;
- 109 **Saltville 119 (Appalachian)**;
- 110 **Scotian Basin**; under water
- 111 **Siberia, East**;
- 112 **Sirjan Trough**;
- 113 **Solimoes**; a river
- 114 **SomaliaKenya**
- 115 **South Whale Basin (Grand Banks)**; under water
- 116 **Sverdrup Basin (Ellef Ringnes–NW Ellesmere)**;
- 117 **Sverdrup Basin (Melville Is)**;
- 118 **Tabriz Salt Basin**; a salt lake
- 119 **Tadjik Basin**;
- 120 **Takutu Salt Basin**;
- 121 **Transylvanian**; grey salt mine
- 122 **Tromso Basin**; huge diapir under water
- 123 **USA Midcontinent**;
- 124 **West Africa (Angola–Gabon)**; under water
- 125 **West Africa (Gambia–Guine Bissau)**;
- 126 **West Africa (Mauritania–Senegal)**
- 127 **West Africa (Morocco–S. Spain)**;
- 128 **Western Canada (Alberta Basin)**;
- 129 **Whale Basin (Grand Banks)**;

Kazakhstan	500	5000	DBHD
Ukraine			
China			
Iran			
Mozambique			
Mexico			
Iran			
Newfoundland			
Pakistan	500	2500	DBHD
Pakistan			
Russia			
Somalia			
Canada	100	10000	DBHD
Iran			
Afghanistan			
Guayana			
Romania			
Norway			
USA			

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130 Williston Basin;
131 Zagros (Mesopotamian Basin);
132 Zagros (Mesopotamian Basin);
133 Zechstein (NW Europe); massive, thick
134 Zechstein (onshore UK); no valid info online
135 Zipaquirá Basin; Salt mine with church

US Canada
many
many
many 1..800 1.600
UK
Colombia

DBHD

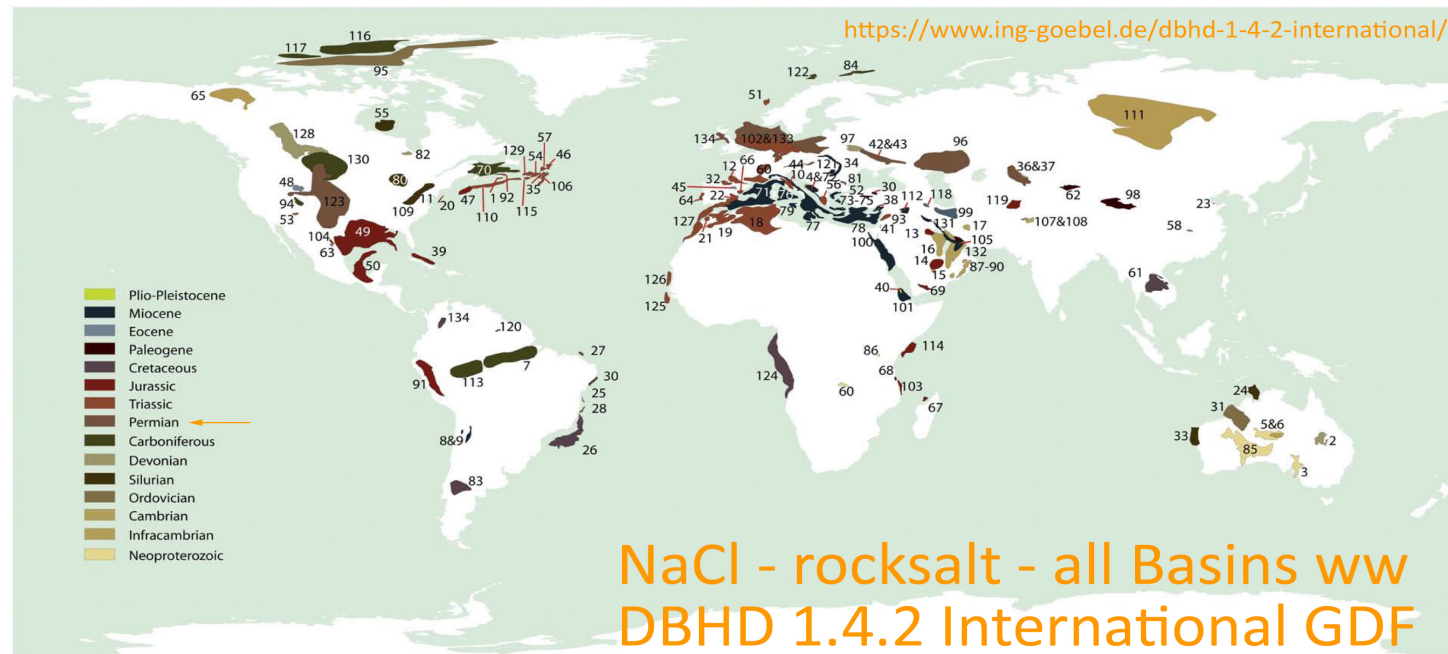


Fig. 18. Distribution of halite-enriching basins across time. To make it readable at this output scale this plot does not illustrate most of the calcium sulfate-dominant systems in the Middle East. Basins: 1. Abenaki (N. Scotian); 2. Adavale; 3. Adelaide fold belt; 4. Adriatic-Albanian foredeep; 5. Amadeus Basin (Chandler); 7. Amazonas; 8. Andean; 9. Andean; 10. Apennine; 11. Appalachian; 12. Aquitaine; 13. Arabian Basin (Gotnia Salt Basin); 14. Arabian Basin (Hith Salt Basin); 15. Arabian Basin (Hormuz central Saudi); 16. Arabian Basin (Hormuz Gulf region); 17. Arabian Basin (Hormuz-Kerman region); 18. Atlas (Algerian-Tunisian); 19. Atlas (Moroccan); 20. Baltimore Canyon; 21. Berrechid; 22. Betic-Guadalupe Basin; 23. Bohai Basin; 24. Bonaparte (Petrel); 25. Brazilian Aptian Basin (Camamu); 26. Brazilian Aptian Basin (Camamu); 27. Brazilian Aptian Basin (Ceara); 28. Brazilian Aptian Basin (Cumuruxatiba); 29. Brazilian Aptian Basin (Sergipe-Alagoas); 30. Cankiri-Corum; 31. Canning Basin; 32. Cantabrian-West Pyrenees; 33. Carnarvon Basin (Yarlinga); 34. Carpathian foredeep; 35. Carson Basin (Grand Banks); 36. Chu-Sarysu (Devonian); 37. Chu-Sarysu (Permian); 38. Cilicia-Latakia; 39. Cuban; 40. Danakil; 41. Dead Sea; 42. Dniepr-Donets; 43. Dniepr-Donets; 44. Eastern Alps; 45. Ebro Basin; 46. Flemish Pass Basin (Grand Banks); 47. Georges Bank; 48. Green River Basin; 49. Gulf of Mexico (Northern; Gulf coast); 50. Gulf of Mexico (Southern; Salina-Sigsbee); 51. Haltenbanken; 52. Haymana-Polatli; 53. Holbrook Basin; 54. Horseshoe Basin (Grand Banks); 55. Hudson Bay; 56. Ionian; 57. Jeanne d'Arc Basin (Grand Banks); 58. Jiangnan Basin; 59. Jura/Rhodanian; 60. Katangan; 61. Khorat Basin; 62. Kuqa Foreland (Tarim Basin); 63. La Popa (Monterrey) Basin; 64. Lusitanian; 65. Mackenzie Basin; 66. Maestrat; 67. Majunga Basin; 68. Mandawa Basin; 69. Ma'rib-Al Jawf/Shabwah (Haramaut); 70. Maritimes Basin; 71. Mediterranean-Western; 72. Mediterranean-Adriatic; 73. Mediterranean-Andros Basin; 74. Mediterranean-Cretean Basin; 75. Mediterranean-Samothraki basin; 76. Mediterranean-Tyrrhenian; 77. Mediterranean-Central; 78. Mediterranean-Eastern; 79. Mediterranean-Sicilian; 80. Michigan Basin; 81. Moesian; 82. Moose River Basin; 83. Neuenque Basin; 84. Nordkapp Basin; 85. Officer Basin; 86. Olduvai depression; 87. Oman (Fahud Salt Basin); 88. Oman (Ghaba Salt Basin); 89. Oman (Ghubun Salt Basin); 90. Oman (South Oman Salt Basin); 91. Oriente-Ucayali (Pucara) Basin; 92. Orpheus Graben; 93. Palmyra; 94. Paradox Basin; 95. Parry Islands Fold Belt; 96. Pricaspian Basin; 97. Pripyat Basin; 98. Qaidam Basin; 99. Qom-Kalut; 100. Red Sea (North); 101. Red Sea (South); 102. Rot Salt Basin; 103. Ruvuma Basin; 104. Sabinas Basin; 105. Sachun Basin; 106. Salar Basin 118 (Grand Banks); 107. Salt Range (Hormuz-Punjab region); 108. Salt Range (Kohat Plateau); 109. Saltville 119 (Appalachian); 110. Scotian Basin; 111. Siberia, East; 112. Sirjan Trough; 113. Solimoes; 114. SomaliaKenya; 115. South Whale Basin (Grand Banks); 116. 120 Sverdrup Basin (Ellef Ringnes-NW Ellesmere); 117. Sverdrup Basin (Melville Is); 118. Tabriz Salt Basin; 119. Tadjik Basin; 120. Takutu Salt Basin; 121. Transylvanian; 122. Tromsø Basin; 123. USA Midcontinent; 124. West Africa (Angola-Gabon); 125. West Africa (Gambia-Guine Bissau); 126. West Africa (Mauritania-Senegal); 127. West Africa (Morocco-S. Spain); 128. Western Canada (Alberta Basin); 129. Whale Basin (Grand Banks); 130. Williston Basin; 131. Zagros (Mesopotamian Basin); 132. Zagros (Mesopotamian Basin); 133. Zechstein (NW Europe); 134. Zechstein (onshore UK); and 135. Zipaquirá Basin.