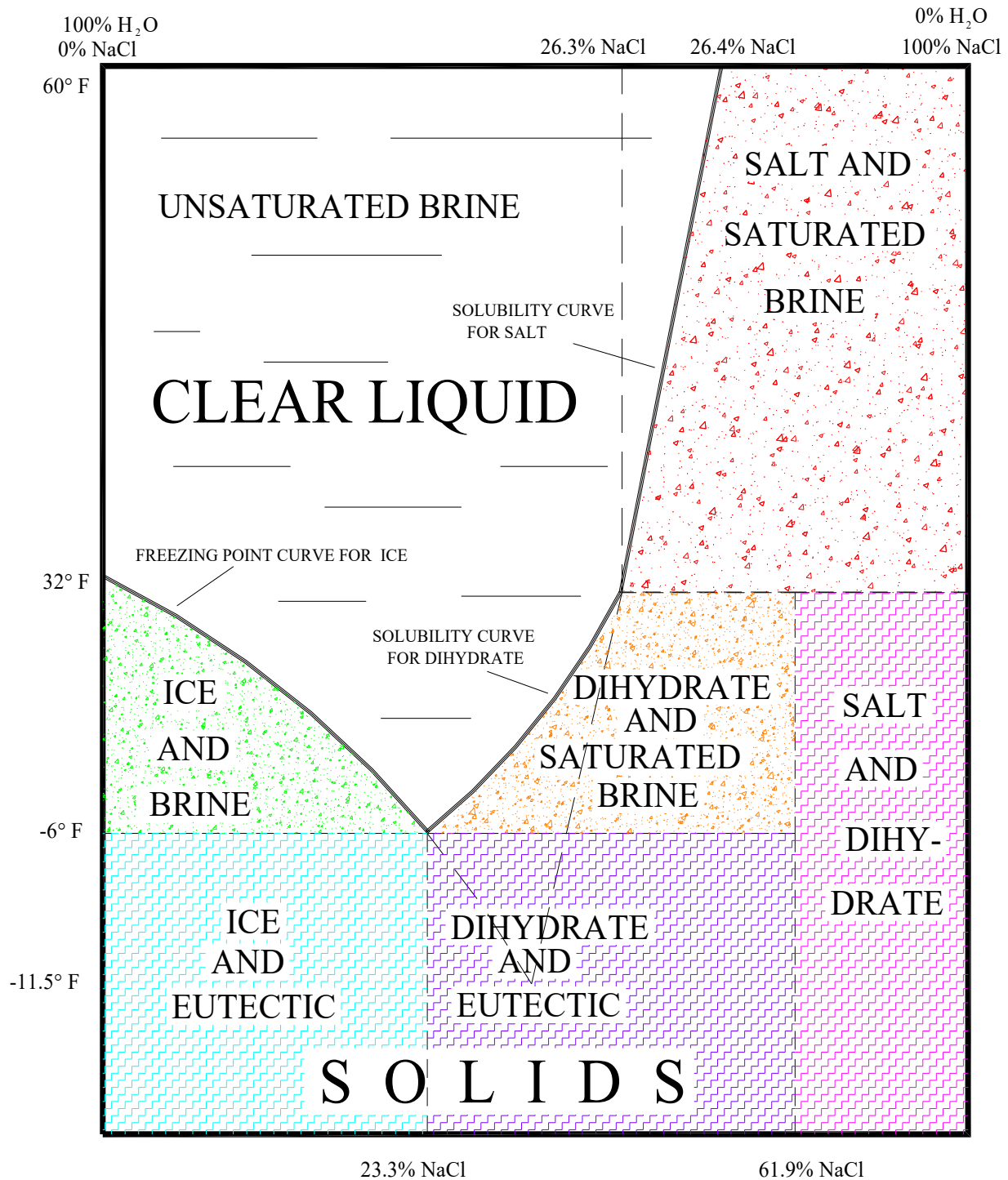




NaCl/H₂O PHASE CHART



SALOMETER DEGREES	SPECIFIC GRAVITY	BAUME DEGREES	PERCENT SODIUM CHLORIDE BY WEIGHT	POUNDS PER GALLON OF BRINE (NaCl)	POUNDS PER GALLON OF BRINE (WATER)	FREEZING POINT DEGREES FAHRENHEIT
0	1.000	0.0	0.000	0.000	8.328	+32.0
2	1.004	0.6	0.528	0.044	8.318	+31.5
4	1.007	1.1	1.056	0.089	8.297	+31.1
6	1.011	1.6	1.584	0.133	8.287	+30.5
8	1.015	2.1	2.112	0.178	8.275	+30.0
10	1.019	2.7	2.640	0.224	8.262	+29.3
12	1.023	3.3	3.167	0.270	8.250	+28.8
14	1.026	3.7	3.695	0.316	8.229	+28.2
16	1.030	4.2	4.223	0.362	8.216	+27.6
18	1.034	4.8	4.751	0.409	8.202	+27.0
20	1.038	5.3	5.279	0.456	8.188	+26.4
22	1.042	5.8	5.807	0.503	8.175	+25.7
24	1.046	6.4	6.335	0.552	8.159	+25.1
26	1.050	7.9	6.863	0.600	8.144	+24.4
28	1.054	8.5	7.391	0.649	8.129	+23.7
30	1.058	9.0	7.919	0.698	8.113	+23.0
32	1.062	9.5	8.446	0.747	8.097	+22.3
34	1.066	10.0	8.974	0.797	8.081	+21.6
36	1.070	10.5	9.502	0.847	8.064	+20.9
38	1.074	11.0	10.030	0.897	8.047	+20.2
40	1.078	11.5	10.558	0.948	8.030	+19.4
42	1.082	12.0	11.086	0.999	8.012	+18.7
44	1.086	12.5	11.614	1.050	7.994	+17.9
46	1.090	12.9	12.142	1.102	7.976	+17.1
48	1.094	13.4	12.670	1.154	7.957	+16.2
50	1.098	13.9	13.198	1.207	7.937	+15.4
52	1.102	14.4	13.725	1.260	7.918	+14.5
54	1.106	14.8	14.253	1.313	7.898	+13.7
56	1.110	15.3	14.781	1.366	7.878	+12.8
58	1.114	15.8	15.309	1.420	7.858	+11.8
60	1.118	16.2	15.837	1.475	7.836	+10.9
62	1.122	16.7	16.365	1.529	7.815	+9.9
64	1.126	17.2	16.893	1.584	7.794	+8.9
66	1.130	17.7	17.421	1.639	7.772	+7.9
68	1.135	18.1	17.949	1.697	7.755	+6.8
70	1.139	18.6	18.477	1.753	7.733	+5.7
72	1.143	19.1	19.004	1.809	7.710	+4.6
74	1.147	19.6	19.532	1.866	7.686	+3.4
76	1.152	20.0	20.060	1.925	7.669	+2.2
78	1.156	20.4	20.588	1.982	7.645	+1.0
80	1.160	21.0	21.116	2.040	7.620	-0.4
82	1.164	20.4	21.644	2.098	7.596	-1.6
84	1.169	21.0	22.172	2.158	7.577	-3.0
86	1.173	21.4	22.700	2.218	7.551	-4.4
88	1.178	21.9	23.228	2.279	7.531	-5.8
88.3*	1.179	22.0	23.310	2.288	7.528	-6.0*
90	1.182	22.3	23.755	2.338	7.506	-6.0*
92	1.186	22.7	24.283	2.398	7.479	-6.0*
94	1.191	23.3	24.811	2.459	7.460	-6.0*
95	1.193	23.5	25.075	2.491	7.444	-6.0*
96	1.195	23.7	25.339	2.522	7.430	-6.0*
97	1.197	23.9	25.603	2.552	7.417	-6.0*
98	1.200	24.2	25.867	2.585	7.409	-6.0*
99	1.202	24.4	26.131	2.616	7.394	-6.0*
99.6	1.203	24.5	26.285	2.634	7.386	-6.0*
100	1.204	24.6	26.395	2.647	7.380	-6.0*