

Ground Water Well Information

The DNR Groundwater Well database was queried on 5/16/2005 to derive following information:

of Total Registered Wells: 166,444

of Wells with a pumping capacity of 50 gpm or greater: 101,272

of Irrigation Wells in State: 100,894

of Irrigation Wells with a pumping capacity of 50 gpm or greater: 96,822

of Public Water Supply Wells: 3437

of Public Supply Wells with a pumping capacity of 50 gpm or greater: 2376

of Domestic Wells: 19,739

of Domestic Wells with a pumping capacity of 50 gpm or greater: 269

of Livestock Wells: 11,391

of Livestock Wells with a pumping capacity of 50 gpm or greater: 394

of Commercial/Industrial Wells: 1672

of Commercial/Industrial Wells with a pumping capacity of ≥ 50 gpm: 839

Irrigation Acres Data

Based on the USGS/NDNR 2000 Water Use Study,

of Surface Water Irrigated Acres: 1,097,000

of Ground Water Irrigated Acres: 6,723,000

Total number of irrigated lands in 2000 was 7,820,000 acres. This is same as the number of irrigated acres published in the USGS Circular 1268.

Use	Usage_Desc	CountOfWells
A	Aquaculture	73
C	Commercial/Industrial	839
D	Domestic	269
G	Ground Heat Exchanger	4
H	Heat Pumps (Ground Water Source)	13
I	Irrigation	96822
J	Injection	7
L	Observation (Ground Water Levels)	20
O	Other (Lake Sup, Fountain, Wildlf, Wetlnds, Rec, Plant/ Lagoon, Sprklr, Test, Vapor Mntgr)	176
P	Public Water Supplier with Spacing Protection	2160
Q	Monitoring (Ground Water Quality)	53
R	Recovery	88
S	Livestock	394
U	Public Water Supplier without Spacing Protection	216
W	Dewatering (Over 90 Days)	138

Use	Usage Desc	CountOfWellID
A	Aquaculture	111
C	Commercial/Industrial	1672
D	Domestic	19739
G	Ground Heat Exchanger	1029
H	Heat Pumps (Ground Water Source)	188
I	Irrigation	100894
J	Injection	1136
L	Observation (Ground Water Levels)	1420
O	Other (Lake Sup, Fountain, Wildlf, Wetlands, Rec, Plant/ Lagoon, Sprklr, Te	1154
P	Public Water Supplier with Spacing Protection	2424
Q	Monitoring (Ground Water Quality)	17528
R	Recovery	2404
S	Livestock	11391
U	Public Water Supplier without Spacing Protection	1013
W	Dewatering (Over 90 Days)	168