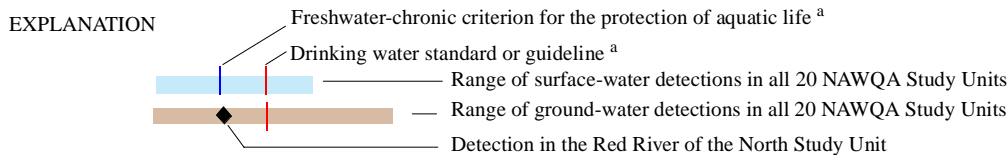


SUMMARY OF COMPOUND DETECTIONS AND CONCENTRATIONS

The following tables summarize data collected for NAWQA studies from 1992–95 by showing results for the Red River Basin Study Unit compared to the NAWQA national range for each compound detected. The data were collected at a wide variety of places and times. In order to represent the wide concentration ranges observed among Study Units, logarithmic scales are used to emphasize the general magnitude of concentrations (such as 10, 100, or 1000), rather than the precise number. The complete dataset used to construct these tables is available upon request. The statistics for detection rates reported in Table 6 can differ from those reported in Figure 7 because of differing definitions of detection limits.

Table 6. Concentrations of herbicides, insecticides, volatile organic compounds, nutrients, and radon detected in surface or ground water of the Red River of the North Basin Study Unit

[mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; %, percent; <, less than; --, not measured; trade names may vary; footnotes on p. 29]



Herbicide (Trade or common name)	Rate of detection ^b	Concentration, in µg/L							Herbicide (Trade or common name)	Rate of detection ^b	Concentration, in µg/L						
		0.001	0.01	0.1	1	10	100	1,000			0.001	0.01	0.1	1	10	100	1,000
Acetochlor	12% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]							Ethalfuralin (Sonalan)	3% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]						
Acifluorfen (Blazer)	9% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]							Fenuron (Beet- Kleen, fenidim)	1% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]						
Alachlor (Lasso)	11% 1%	[Chart showing surface and ground water detection ranges and Red River detection point]							MCPA	6% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]						
2,6-Diethylaniline (metabolite)	0% <1%	[Chart showing surface and ground water detection ranges and Red River detection point]							Metolachlor (Dual)	25% 1%	[Chart showing surface and ground water detection ranges and Red River detection point]						
Atrazine (AAtrex)	79% 16%	[Chart showing surface and ground water detection ranges and Red River detection point]							Metribuzin (Lex- one, Sencor)	3% 3%	[Chart showing surface and ground water detection ranges and Red River detection point]						
Desethylatrazine ^c (metabolite)	22% 15%	[Chart showing surface and ground water detection ranges and Red River detection point]							Molinate (Ordram)	<1% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]						
Bentazon (Basagran)	20% 3%	[Chart showing surface and ground water detection ranges and Red River detection point]							Pendimethalin (Prowl)	<1% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]						
Bromoxynil (Buctril)	3% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]							Picloram (Tordon)	0% 3%	[Chart showing surface and ground water detection ranges and Red River detection point]						
Cyanazine (Bladex)	56% 1%	[Chart showing surface and ground water detection ranges and Red River detection point]							Prometon (Pramitol)	14% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]						
2,4-D (Butyrac)	12% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]							Propachlor (Ramrod)	<1% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]						
DCPA (Dacthal)	<1% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]							Propanil (Stampede)	<1% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]						
Dicamba (Banvel)	1% 1%	[Chart showing surface and ground water detection ranges and Red River detection point]							Simazine (Prin- cep, Weedex)	10% 3%	[Chart showing surface and ground water detection ranges and Red River detection point]						
Dichlorprop (Kildip)	<1% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]							Tebuthiuron (Spike)	<1% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]						
Diuron (Karmex, Direx)	1% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]							Terbacil ^c (Sinbar)	<1% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]						
EPTC (Eptam)	28% 1%	[Chart showing surface and ground water detection ranges and Red River detection point]							Triallate (Far-Go)	19% 0%	[Chart showing surface and ground water detection ranges and Red River detection point]						

SUMMARY OF COMPOUND DETECTIONS AND CONCENTRATIONS

