

Table 42. Residual Fuel Oil Prices by PAD District and State
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
United States						
January	43.9	36.4	33.3	29.9	36.4	32.4
February	39.8	32.5	31.0	27.4	33.7	29.3
March	36.8	30.7	26.7	24.4	29.8	27.2
April	36.4	33.4	31.1	28.9	32.6	30.6
May	36.4	32.1	31.1	28.5	32.5	29.7
June	36.4	29.7	29.9	27.3	31.7	28.1
July	34.8	30.8	30.2	28.9	31.6	29.7
August	32.5	27.6	27.8	26.5	29.1	27.0
September	31.9	29.8	26.4	27.0	27.7	27.9
October	33.4	31.4	28.8	27.1	30.1	28.5
November	34.2	28.3	28.9	25.2	30.6	26.4
December	31.2	25.5	25.1	22.5	27.3	23.8
1998 Average	35.6	30.5	29.2	27.1	31.1	28.4
PAD District I						
January	43.2	37.7	34.7	33.1	38.3	35.9
February	39.7	35.5	33.0	32.5	36.1	34.7
March	36.8	33.5	29.5	28.4	32.8	32.0
April	35.9	34.8	33.0	32.2	34.1	33.8
May	35.9	34.8	32.9	32.6	34.2	33.7
June	35.5	33.0	30.9	29.9	32.7	31.6
July	34.4	32.9	31.2	30.4	32.6	31.7
August	32.0	28.9	29.0	28.7	30.1	28.8
September	31.2	30.5	27.3	29.4	28.7	29.8
October	33.0	31.8	29.3	28.0	30.8	29.9
November	33.2	29.3	29.1	28.0	30.9	28.9
December	30.3	26.2	25.1	25.7	27.5	26.0
1998 Average	35.1	32.3	30.3	29.7	32.3	31.2
Subdistrict IA						
January	40.1	38.8	36.7	31.3	38.7	33.1
February	38.0	39.8	34.8	28.9	36.6	34.9
March	35.1	39.5	32.7	W	34.2	32.5
April	34.4	NA	34.4	W	34.4	33.6
May	34.6	33.6	36.1	W	35.1	32.7
June	34.3	35.6	33.7	W	34.0	33.2
July	33.8	32.1	33.7	W	33.7	31.6
August	31.2	28.8	31.6	W	31.3	31.2
September	28.3	30.2	30.5	NA	29.1	NA
October	29.4	28.2	30.6	W	29.9	27.8
November	31.2	27.4	30.4	25.3	30.8	26.2
December	27.6	24.1	25.1	23.8	26.4	24.0
1998 Average	33.4	31.0	32.3	30.2	32.9	30.5
Connecticut						
January	41.4	W	W	—	35.8	W
February	38.9	W	W	—	34.1	W
March	NA	W	W	W	32.2	NA
April	42.6	W	W	W	35.2	W
May	42.1	W	W	—	34.2	W
June	41.9	W	W	—	33.2	W
July	45.5	W	—	—	NA	W
August	42.7	—	W	—	28.2	—
September	40.7	—	—	W	NA	W
October	39.4	—	—	—	39.4	—
November	38.0	—	—	W	38.0	W
December	37.4	W	—	—	37.4	W
1998 Average	40.3	W	W	W	34.7	33.9

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Maine						
January	45.2	W	40.3	W	43.1	35.5
February	37.7	33.6	37.9	28.5	37.8	32.0
March	34.9	W	35.7	W	35.2	35.8
April	W	W	32.4	W	34.1	W
May	W	W	35.8	W	36.3	33.4
June	34.5	W	33.4	W	33.9	W
July	W	W	32.8	W	33.9	W
August	W	W	31.5	W	31.8	W
September	W	W	29.7	W	30.4	W
October	W	W	29.4	W	29.5	W
November	W	W	30.8	W	31.9	W
December	W	W	29.4	W	28.8	W
1998 Average	35.3	32.7	33.2	28.3	34.1	30.7
Massachusetts						
January	37.4	38.9	40.2	31.2	37.9	32.3
February	36.9	W	32.6	29.0	35.6	32.1
March	34.2	36.2	32.1	28.2	33.9	31.2
April	32.0	33.2	35.9	W	33.9	33.3
May	34.7	W	38.5	W	35.5	32.2
June	33.8	35.8	37.3	W	34.3	32.9
July	33.1	31.9	34.1	W	33.4	31.6
August	31.8	W	34.5	W	32.2	30.9
September	W	31.0	30.5	W	27.6	NA
October	W	W	NA	W	29.8	27.8
November	28.9	27.0	30.0	W	29.3	26.1
December	25.8	W	23.3	24.6	24.5	24.3
1998 Average	32.0	29.8	31.0	30.5	31.7	30.3
New Hampshire						
January	39.4	W	NA	W	NA	W
February	NA	—	NA	—	NA	—
March	42.8	—	34.3	W	34.6	W
April	41.6	—	38.8	—	39.0	—
May	W	W	36.4	—	NA	W
June	39.9	—	33.2	—	33.3	—
July	W	W	35.0	—	34.0	W
August	W	W	32.8	—	26.8	W
September	W	W	32.7	—	33.0	W
October	W	—	NA	—	NA	—
November	W	—	29.1	W	31.2	W
December	W	W	NA	W	NA	W
1998 Average	31.5	W	33.3	W	32.7	26.5
Rhode Island						
January	46.7	W	W	—	46.8	W
February	46.6	W	W	—	46.5	W
March	39.8	W	W	—	40.9	W
April	36.3	W	W	—	36.2	W
May	37.0	W	W	—	36.6	W
June	W	W	W	—	36.7	W
July	W	W	W	—	35.9	W
August	W	W	W	—	33.9	W
September	W	W	W	—	34.0	W
October	37.3	W	W	—	35.7	W
November	38.6	W	W	W	37.4	W
December	38.8	W	W	—	38.1	W
1998 Average	40.3	W	W	W	39.4	W

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Vermont						
January	W	—	40.2	—	40.6	—
February	W	—	40.4	—	40.5	—
March	W	—	35.0	—	35.5	—
April	W	—	35.4	—	35.9	—
May	W	—	36.2	—	36.4	—
June	W	—	33.4	—	34.1	—
July	W	—	35.2	—	NA	—
August	—	—	31.0	—	31.0	—
September	W	—	30.0	—	30.3	—
October	W	—	33.1	—	34.2	—
November	W	—	W	—	33.8	—
December	W	—	W	—	31.6	—
1998 Average	42.2	—	34.6	—	35.4	—
Subdistrict IB						
January	46.7	37.7	33.0	33.9	39.5	36.7
February	41.9	34.9	30.7	34.9	37.1	34.9
March	38.0	33.6	27.4	29.8	33.1	33.0
April	38.8	35.3	31.1	32.7	34.6	34.9
May	37.7	35.2	31.5	32.0	34.2	34.4
June	35.9	32.6	29.7	28.9	32.8	31.1
July	35.6	31.9	29.7	29.8	32.4	31.1
August	32.0	27.7	27.4	23.2	29.5	26.8
September	32.7	30.9	25.0	NA	28.3	30.4
October	34.6	32.8	27.1	27.3	31.3	30.4
November	34.0	29.5	28.1	27.4	31.5	29.1
December	31.8	27.1	24.0	25.3	28.5	26.6
1998 Average	36.3	32.7	28.6	29.4	32.5	31.8
Delaware						
January	W	W	30.7	NA	32.1	NA
February	35.1	W	30.2	W	32.1	W
March	34.0	W	24.7	W	26.6	W
April	38.7	W	33.8	W	35.3	W
May	36.8	W	32.7	W	34.8	W
June	35.3	W	30.3	W	33.9	W
July	35.0	W	28.1	W	33.4	W
August	31.5	W	30.1	W	30.6	W
September	33.8	W	28.7	W	29.1	W
October	33.8	W	26.4	23.6	30.9	23.8
November	W	—	26.5	W	28.9	W
December	25.5	W	23.7	W	25.0	W
1998 Average	32.2	W	28.6	26.7	30.5	27.5
District of Columbia						
January	W	—	—	—	W	—
February	W	—	—	—	W	—
March	W	—	—	—	W	—
April	W	—	—	—	W	—
May	W	—	—	—	W	—
June	W	—	—	—	W	—
July	W	—	—	—	W	—
August	W	—	—	—	W	—
September	W	—	—	—	W	—
October	W	—	—	—	W	—
November	W	—	—	—	W	—
December	W	—	—	—	W	—
1998 Average	W	—	—	—	W	—

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Maryland						
January	W	W	38.0	W	38.3	34.3
February	W	W	33.4	NA	32.7	W
March	W	W	31.7	W	W	W
April	W	W	33.3	32.3	33.9	W
May	W	W	32.8	W	33.5	31.7
June	W	W	34.0	W	33.3	W
July	W	W	33.4	W	32.9	W
August	W	W	29.9	W	28.1	24.4
September	W	W	26.6	W	28.1	W
October	31.2	W	30.0	W	30.6	W
November	30.8	W	29.8	W	30.6	28.7
December	W	W	26.5	W	28.9	W
1998 Average	31.3	W	31.1	W	31.2	29.0
New Jersey						
January	W	36.9	32.6	34.1	35.0	36.0
February	37.6	35.6	29.9	31.1	33.5	34.2
March	33.1	32.7	26.6	29.8	29.5	32.0
April	35.4	37.5	30.2	30.0	32.5	33.2
May	W	W	33.4	W	34.3	33.6
June	34.0	W	28.5	W	30.9	W
July	34.0	31.8	30.2	32.3	32.4	32.0
August	29.5	26.0	25.0	W	27.7	NA
September	29.4	30.2	24.6	W	27.1	30.1
October	31.4	W	25.1	26.2	28.8	29.3
November	29.4	32.0	29.0	24.5	29.3	28.2
December	27.9	25.1	22.6	20.6	25.8	22.6
1998 Average	32.0	33.6	27.9	28.9	30.0	31.6
New York						
January	48.0	39.7	33.2	W	41.9	39.0
February	43.5	37.1	31.3	41.7	39.5	37.5
March	41.1	34.3	28.1	NA	36.3	34.1
April	41.1	35.5	31.4	34.1	36.3	35.4
May	38.8	36.8	31.0	34.4	34.7	36.7
June	37.3	33.5	30.3	28.7	34.0	31.8
July	36.6	32.4	29.7	W	32.6	31.9
August	32.6	29.5	26.4	24.0	29.2	29.3
September	34.7	31.2	24.6	W	28.5	31.1
October	36.3	33.0	27.7	NA	33.1	32.7
November	37.8	30.2	28.1	29.3	33.2	30.1
December	35.7	27.6	24.6	W	31.0	27.4
1998 Average	39.2	33.4	28.7	31.5	34.3	33.2
Pennsylvania						
January	47.1	34.4	32.8	W	37.1	34.1
February	36.8	W	29.6	W	31.4	W
March	37.8	30.9	27.7	W	30.2	30.4
April	39.0	34.3	30.5	W	32.4	34.2
May	38.1	33.8	30.5	W	32.1	33.8
June	36.6	W	29.5	31.1	32.1	32.0
July	37.2	W	29.4	28.9	31.5	30.2
August	35.4	27.6	28.7	22.0	30.7	26.5
September	36.0	W	24.6	W	29.2	W
October	36.6	W	26.6	28.4	28.9	29.5
November	W	28.0	27.7	W	29.4	27.7
December	NA	25.4	24.0	W	27.0	26.4
1998 Average	36.0	30.9	28.6	29.7	30.9	30.6

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC						
January	38.8	W	35.3	35.8	35.8	35.0
February	34.4	W	33.8	32.7	33.8	33.9
March	35.5	W	30.3	27.1	30.8	27.8
April	32.4	W	33.9	30.9	33.5	32.3
May	32.2	W	33.4	33.1	33.2	33.6
June	NA	W	30.8	30.1	31.4	31.7
July	32.5	34.7	32.1	30.2	32.2	32.6
August	33.8	30.3	30.4	26.3	30.8	28.9
September	32.8	W	28.9	25.9	29.1	27.6
October	32.9	W	30.3	W	30.7	W
November	35.8	W	29.3	W	29.8	30.5
December	38.8	W	26.5	27.5	26.9	27.2
1998 Average	33.8	32.0	31.2	29.5	31.6	30.7
Florida						
January	W	—	34.0	W	34.4	W
February	W	—	33.6	W	33.2	W
March	W	W	29.4	26.9	29.6	28.0
April	32.1	W	33.6	30.5	33.0	32.4
May	W	W	33.4	34.0	32.6	34.1
June	W	W	29.5	W	30.3	32.2
July	31.9	W	31.8	W	31.8	33.0
August	—	W	30.8	W	30.8	29.4
September	W	W	28.3	W	28.4	W
October	W	W	29.9	W	30.2	W
November	W	W	28.2	W	28.7	W
December	W	W	25.3	26.3	25.5	26.1
1998 Average	32.7	32.1	30.5	29.7	30.9	31.0
Georgia						
January	—	—	40.1	NA	40.1	NA
February	—	—	34.9	NA	34.9	NA
March	—	—	33.0	NA	33.0	NA
April	—	—	34.4	NA	34.4	NA
May	—	—	34.6	NA	34.6	NA
June	—	—	33.6	W	33.6	W
July	—	—	32.4	—	32.4	—
August	—	—	32.6	W	32.6	W
September	—	—	31.4	W	31.4	W
October	—	—	32.3	W	32.3	W
November	—	—	33.0	W	33.0	W
December	—	—	29.4	—	29.4	—
1998 Average	—	—	33.7	26.4	33.7	26.4
North Carolina						
January	W	—	36.0	37.6	37.0	37.6
February	W	W	33.0	33.0	33.8	35.4
March	W	W	30.7	30.6	31.5	27.5
April	W	—	34.9	W	35.4	W
May	W	—	33.0	31.5	33.5	31.5
June	W	—	32.1	30.5	32.7	30.5
July	W	—	32.5	30.8	33.0	30.8
August	W	—	28.4	27.5	29.0	27.5
September	W	—	29.7	W	30.2	W
October	W	—	31.3	29.3	31.9	29.3
November	W	—	30.4	28.8	31.0	28.8
December	W	—	27.7	26.7	28.6	26.7
1998 Average	W	W	31.8	30.7	32.4	30.3

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
South Carolina						
January	W	—	W	W	W	W
February	W	W	W	W	W	W
March	W	—	W	W	W	W
April	W	—	W	W	W	W
May	W	—	W	—	W	—
June	—	—	W	W	W	W
July	W	—	W	—	W	—
August	W	—	W	W	W	W
September	W	—	W	W	W	W
October	W	—	W	—	W	—
November	W	—	W	W	W	W
December	W	—	W	W	W	W
1998 Average	W	W	W	W	W	30.2
Virginia						
January	42.6	W	35.0	W	35.6	W
February	41.2	W	33.7	W	34.7	W
March	40.4	W	29.8	W	31.1	W
April	NA	W	32.8	W	32.4	W
May	41.3	W	31.5	W	32.6	W
June	36.1	W	31.6	W	33.4	W
July	38.2	W	30.7	W	31.8	W
August	33.4	W	27.7	W	30.6	W
September	30.6	W	27.5	W	28.6	W
October	31.5	W	29.5	W	30.9	W
November	W	W	30.0	W	31.1	W
December	38.8	W	26.4	W	27.8	W
1998 Average	33.9	W	30.5	W	31.6	W
West Virginia						
January	W	—	W	—	W	—
February	W	—	—	—	W	—
March	W	—	W	—	W	—
April	W	—	—	—	W	—
May	W	W	—	—	W	W
June	W	W	—	—	W	W
July	W	—	—	—	W	—
August	W	W	—	—	W	W
September	W	—	—	—	W	—
October	W	W	—	—	W	W
November	W	W	—	—	W	W
December	W	W	—	—	W	W
1998 Average	W	W	W	—	W	W
PAD District II						
January	39.6	NA	39.6	33.4	39.6	36.1
February	35.9	W	38.2	29.1	37.1	29.1
March	37.5	25.9	35.6	27.2	36.8	27.0
April	NA	NA	34.3	27.2	41.5	33.6
May	36.8	29.1	35.4	30.9	36.2	30.6
June	40.4	NA	36.4	29.4	39.2	31.1
July	37.8	W	34.5	30.9	36.4	30.6
August	37.2	29.7	35.9	28.8	36.7	29.0
September	36.9	32.0	36.1	31.7	36.5	31.7
October	38.8	34.8	34.9	32.8	36.6	33.1
November	40.5	NA	34.5	27.3	37.6	30.1
December	36.8	NA	33.3	25.5	35.1	27.2
1998 Average	39.1	35.6	35.6	29.4	37.6	30.7

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Illinois						
January	W	W	W	W	51.2	NA
February	W	W	W	W	45.0	27.8
March	W	W	W	W	NA	NA
April	W	W	W	—	39.6	W
May	35.9	—	W	W	36.2	W
June	W	—	W	W	40.2	W
July	W	W	W	NA	W	W
August	W	W	W	NA	W	NA
September	39.7	W	W	NA	40.0	W
October	W	—	W	W	39.0	W
November	W	W	W	NA	41.1	29.7
December	W	W	W	—	38.8	W
1998 Average	38.4	W	44.1	25.0	38.8	25.9
Indiana						
January	W	W	39.5	W	39.6	W
February	W	W	38.0	W	38.9	W
March	W	W	36.8	W	37.1	W
April	W	W	34.4	W	34.5	W
May	W	W	35.4	W	35.7	W
June	W	W	37.0	W	37.2	W
July	W	W	34.4	W	34.5	W
August	W	W	34.8	W	35.0	W
September	W	W	35.0	W	35.1	W
October	41.2	W	32.7	W	32.9	W
November	W	W	33.0	W	33.4	W
December	W	W	34.9	W	35.0	W
1998 Average	W	W	35.1	W	35.3	W
Iowa						
January	—	—	—	—	—	—
February	—	—	—	—	—	—
March	—	—	—	—	—	—
April	W	—	—	—	W	—
May	W	—	—	—	W	—
June	W	—	—	—	W	—
July	W	—	—	W	W	W
August	W	—	—	—	W	—
September	W	—	—	—	W	—
October	W	—	—	—	W	—
November	W	—	—	—	W	—
December	W	—	—	—	W	—
1998 Average	W	—	—	W	W	W
Kansas						
January	W	—	W	W	W	W
February	—	—	W	W	W	W
March	—	—	W	W	W	W
April	—	—	43.2	W	43.2	W
May	—	—	W	W	W	W
June	—	—	W	24.8	W	24.8
July	—	—	34.7	22.5	34.7	22.5
August	—	—	W	18.6	W	18.6
September	W	—	39.8	19.3	39.8	19.3
October	—	—	40.3	W	40.3	W
November	—	—	38.6	W	38.6	W
December	W	—	W	W	34.5	W
1998 Average	W	—	40.6	23.3	40.2	23.3

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Kentucky						
January	W	—	W	—	W	—
February	W	—	W	—	W	—
March	W	—	W	—	W	—
April	W	—	W	—	W	—
May	W	—	—	W	W	W
June	W	—	—	W	W	W
July	W	—	—	W	W	W
August	W	—	—	W	W	W
September	W	—	—	W	W	W
October	W	—	—	W	W	W
November	W	—	—	W	W	W
December	W	—	—	W	W	W
1998 Average	W	—	W	W	W	W
Michigan						
January	39.3	W	45.5	W	41.6	39.6
February	35.5	W	40.0	W	37.3	W
March	39.0	W	43.4	W	39.2	25.1
April	NA	W	36.9	W	NA	NA
May	38.8	—	40.6	W	39.1	W
June	41.4	W	41.8	W	41.4	34.4
July	39.7	W	40.2	22.5	39.7	NA
August	36.7	W	41.0	W	37.3	W
September	37.5	W	35.8	W	36.9	W
October	40.5	—	39.9	W	40.4	W
November	42.3	W	41.2	W	42.2	32.6
December	40.5	W	39.1	W	40.2	NA
1998 Average	41.3	W	40.0	22.5	41.1	32.8
Minnesota						
January	—	—	W	W	W	W
February	—	—	W	W	W	W
March	—	—	W	W	W	W
April	—	—	W	W	W	W
May	—	W	W	NA	W	W
June	—	—	—	W	—	W
July	—	—	W	W	W	W
August	—	—	W	W	W	W
September	W	—	W	NA	W	NA
October	W	—	W	NA	31.9	NA
November	—	—	W	W	W	W
December	—	—	W	W	W	W
1998 Average	W	W	28.7	W	28.7	W
Missouri						
January	W	W	W	—	W	W
February	W	W	W	—	W	W
March	W	W	—	—	W	W
April	29.7	W	—	—	29.7	W
May	28.1	W	—	—	28.1	W
June	27.0	W	W	—	29.3	W
July	28.5	—	—	—	28.5	—
August	28.1	W	—	—	28.1	W
September	W	—	—	—	W	—
October	W	W	—	—	W	W
November	W	—	W	—	W	—
December	W	—	—	—	W	—
1998 Average	28.6	W	W	—	28.7	W

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska						
January	W	—	W	—	W	—
February	W	—	—	—	W	—
March	W	—	—	—	W	—
April	W	—	—	—	W	—
May	W	—	—	—	W	—
June	W	—	—	—	W	—
July	W	—	—	W	W	W
August	W	—	—	—	W	—
September	W	—	—	—	W	—
October	W	—	—	—	W	—
November	W	—	—	—	W	—
December	W	—	—	—	W	—
1998 Average	W	—	W	W	W	W
North Dakota						
January	—	—	W	—	W	—
February	—	—	W	—	W	—
March	—	—	W	—	W	—
April	—	—	W	—	W	—
May	—	—	W	—	W	—
June	—	—	W	—	W	—
July	—	—	W	—	W	—
August	—	—	W	—	W	—
September	—	—	W	—	W	—
October	—	—	W	—	W	—
November	—	—	W	—	W	—
December	—	—	W	—	W	—
1998 Average	—	—	W	—	W	—
Ohio						
January	48.5	—	W	W	45.0	W
February	51.2	—	W	W	42.1	W
March	47.5	—	30.6	28.3	NA	28.3
April	W	—	28.8	28.1	32.8	28.1
May	W	—	30.9	W	31.7	W
June	W	—	31.1	W	32.7	W
July	W	—	33.8	W	34.2	W
August	W	W	38.8	27.4	39.8	NA
September	W	W	33.9	W	37.6	27.3
October	W	W	32.9	W	36.9	28.7
November	W	—	W	W	35.1	W
December	W	W	31.0	W	35.4	27.0
1998 Average	45.5	W	32.5	28.8	34.9	29.7
Oklahoma						
January	—	—	W	W	W	W
February	—	—	W	—	W	—
March	—	—	W	—	W	—
April	—	—	W	—	W	—
May	—	—	W	—	W	—
June	—	—	W	W	W	W
July	—	—	W	—	W	—
August	—	—	W	W	W	W
September	—	—	W	—	W	—
October	—	—	W	—	W	—
November	—	—	W	W	W	W
December	—	—	W	W	W	W
1998 Average	—	—	W	W	W	W

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
South Dakota						
January	—	—	—	—	—	—
February	—	—	—	—	—	—
March	—	—	—	—	—	—
April	—	—	—	—	—	—
May	—	—	—	W	—	W
June	—	—	—	W	—	W
July	W	—	—	W	W	W
August	W	—	—	W	W	W
September	W	—	—	—	W	—
October	W	—	—	—	W	—
November	—	—	—	—	—	—
December	—	—	—	—	—	—
1998 Average	W	—	—	W	W	W
Tennessee						
January	W	W	W	29.3	W	29.6
February	W	W	W	31.6	W	29.1
March	W	—	W	W	40.8	W
April	W	—	W	W	NA	W
May	W	W	—	W	W	W
June	W	W	W	W	W	30.9
July	W	W	W	W	44.8	31.9
August	W	W	W	W	W	W
September	W	W	W	—	W	W
October	W	W	W	—	W	W
November	W	W	W	—	W	W
December	W	W	W	—	W	W
1998 Average	W	W	39.0	27.1	45.0	27.8
Wisconsin						
January	W	W	—	W	W	W
February	W	W	—	W	W	W
March	NA	W	—	W	NA	W
April	W	W	—	W	W	W
May	W	W	W	W	W	W
June	W	—	W	W	W	W
July	W	W	W	W	W	W
August	W	W	W	W	W	W
September	W	W	NA	W	W	W
October	NA	W	—	W	NA	W
November	W	W	—	W	W	W
December	W	W	—	W	W	W
1998 Average	W	W	W	W	W	W
PAD District III						
January	38.3	31.1	29.9	26.4	29.9	27.1
February	—	25.0	29.6	26.2	29.6	26.0
March	—	21.9	23.7	22.3	23.7	22.2
April	—	27.5	29.7	27.7	29.7	27.7
May	W	27.2	28.6	26.4	28.6	26.6
June	W	24.2	28.4	25.7	28.5	25.4
July	—	26.1	29.7	27.4	29.7	27.1
August	—	23.9	26.2	25.1	26.2	24.8
September	—	25.4	25.1	24.8	25.1	24.9
October	—	29.3	27.0	25.6	27.0	26.1
November	W	22.6	26.8	23.2	26.8	23.1
December	W	NA	22.7	19.2	22.7	20.5
1998 Average	42.3	25.3	27.5	25.2	27.5	25.2

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Alabama						
January	W	W	NA	NA	NA	W
February	—	W	NA	NA	NA	W
March	—	W	NA	NA	NA	W
April	—	—	NA	W	NA	W
May	W	—	NA	W	NA	W
June	—	W	NA	W	NA	W
July	—	—	NA	NA	NA	NA
August	—	W	NA	NA	NA	W
September	—	W	NA	NA	NA	W
October	—	W	NA	W	NA	W
November	W	W	W	NA	W	W
December	W	W	NA	NA	NA	W
1998 Average	W	W	NA	W	NA	W
Arkansas						
January	—	—	NA	—	NA	—
February	—	—	NA	—	NA	—
March	—	—	W	—	W	—
April	—	—	W	—	W	—
May	—	—	W	—	W	—
June	—	—	W	—	W	—
July	—	—	W	—	W	—
August	—	—	W	—	W	—
September	—	—	W	—	W	—
October	—	—	—	—	—	—
November	—	—	—	—	—	—
December	—	—	—	—	—	—
1998 Average	—	—	W	—	W	—
Louisiana						
January	W	33.6	28.9	25.4	28.9	26.3
February	—	W	29.7	25.1	29.7	25.2
March	—	26.4	23.0	21.7	23.0	22.2
April	—	W	28.6	26.3	28.6	26.4
May	—	26.9	28.3	26.2	28.3	26.2
June	—	23.3	28.1	27.3	28.1	26.9
July	—	25.3	29.3	27.8	29.3	27.6
August	—	25.0	25.6	25.7	25.6	25.7
September	—	W	23.7	24.4	23.7	24.9
October	—	W	NA	24.5	NA	24.8
November	—	—	27.0	22.1	27.0	22.1
December	—	29.6	22.3	18.9	22.3	21.4
1998 Average	W	28.2	26.9	24.9	27.0	25.1
Mississippi						
January	—	W	W	W	W	33.2
February	—	W	W	28.7	W	28.9
March	—	W	W	W	W	24.6
April	—	W	NA	W	NA	27.4
May	—	W	W	W	W	30.4
June	—	W	NA	29.1	NA	29.0
July	—	W	NA	W	NA	W
August	—	W	NA	27.8	NA	28.4
September	—	W	W	W	W	W
October	—	W	NA	W	NA	W
November	—	W	NA	W	NA	W
December	—	W	NA	20.4	NA	20.7
1998 Average	—	W	NA	26.8	NA	27.0

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
New Mexico						
January	—	W	—	—	—	W
February	—	W	—	—	—	W
March	—	W	—	—	—	W
April	—	NA	—	—	—	NA
May	—	NA	—	—	—	NA
June	—	NA	—	—	—	NA
July	—	NA	—	—	—	NA
August	—	NA	—	—	—	NA
September	—	—	—	—	—	—
October	—	W	—	—	—	W
November	—	NA	—	—	—	NA
December	—	NA	—	—	—	NA
1998 Average	—	W	—	—	—	W
Texas						
January	W	25.4	28.6	26.5	28.6	26.4
February	—	24.0	27.9	26.7	27.9	25.9
March	—	NA	22.2	22.3	22.2	21.5
April	—	28.4	29.9	29.0	29.9	28.9
May	—	26.0	27.0	25.5	27.0	25.6
June	W	23.3	26.9	24.3	27.0	24.0
July	—	W	28.7	26.7	28.7	26.1
August	—	22.1	25.1	23.9	25.1	23.3
September	—	22.4	24.3	24.6	24.3	24.3
October	—	W	26.4	26.1	26.4	26.7
November	—	W	24.9	23.5	24.9	23.6
December	—	20.2	20.7	18.4	20.7	19.0
1998 Average	W	23.8	26.2	25.0	26.2	24.7
PAD District IV						
January	W	22.7	W	W	W	21.9
February	—	W	W	W	W	22.7
March	W	24.1	W	W	NA	21.5
April	—	25.5	25.8	19.9	25.8	22.6
May	W	W	W	21.4	25.8	22.1
June	W	W	W	W	28.5	21.4
July	W	W	W	W	29.4	NA
August	W	W	W	W	27.0	21.3
September	W	W	W	W	28.9	W
October	W	W	W	W	W	21.0
November	W	W	W	W	NA	19.6
December	NA	W	W	W	W	W
1998 Average	39.4	31.8	27.3	W	28.4	28.1
Colorado						
January	—	—	—	—	—	—
February	—	—	—	—	—	—
March	—	—	—	—	—	—
April	—	—	W	—	W	—
May	W	—	—	—	W	—
June	W	W	—	—	W	W
July	W	W	—	—	W	W
August	W	—	—	—	W	—
September	W	W	—	—	W	W
October	—	—	—	—	—	—
November	—	—	—	—	—	—
December	—	—	—	—	—	—
1998 Average	W	W	W	—	W	W

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho						
January	W	—	—	—	W	—
February	—	—	—	—	—	—
March	—	—	—	—	—	—
April	—	—	—	W	—	W
May	—	—	—	—	—	—
June	—	—	—	—	—	—
July	—	—	—	—	—	—
August	—	—	—	—	—	—
September	—	—	—	—	—	—
October	—	—	—	—	—	—
November	—	—	—	—	—	—
December	—	W	—	—	—	W
1998 Average	W	W	—	W	W	W
Montana						
January	—	—	W	NA	W	NA
February	—	—	—	W	—	W
March	—	—	W	—	W	—
April	—	—	W	W	W	W
May	—	—	W	W	W	W
June	—	—	W	W	W	W
July	—	—	W	W	W	W
August	—	—	W	W	W	W
September	—	—	W	NA	W	NA
October	—	—	W	W	W	W
November	—	—	NA	NA	NA	NA
December	—	—	—	NA	—	NA
1998 Average	—	—	W	W	W	W
Utah						
January	—	NA	W	—	W	NA
February	—	W	—	W	—	42.5
March	W	W	—	W	W	25.6
April	—	W	W	—	W	W
May	NA	W	—	W	NA	W
June	W	W	W	W	W	W
July	NA	W	—	W	NA	W
August	NA	W	—	—	NA	W
September	W	W	—	—	W	W
October	W	W	—	W	W	W
November	W	—	—	W	W	W
December	NA	W	—	—	NA	W
1998 Average	W	NA	W	W	W	30.7
Wyoming						
January	—	W	—	W	—	21.3
February	—	W	W	W	W	21.3
March	—	W	W	W	W	20.6
April	—	W	W	W	W	20.2
May	—	W	W	W	W	21.4
June	—	W	W	W	W	21.0
July	—	W	W	W	W	20.6
August	—	W	W	W	W	21.2
September	—	W	W	W	W	20.7
October	—	W	—	W	—	W
November	—	W	W	W	W	W
December	—	W	W	W	W	W
1998 Average	—	W	W	W	W	20.0

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
PAD District V						
January	W	30.4	35.0	33.8	38.4	33.1
February	W	28.1	28.9	27.1	30.7	27.3
March	W	27.5	25.0	25.1	27.3	25.7
April	34.7	25.4	28.2	28.1	29.8	27.5
May	W	26.0	32.3	31.6	33.9	29.5
June	W	26.7	29.5	28.3	31.3	28.0
July	35.3	23.9	28.1	29.9	30.3	27.7
August	34.3	26.7	25.7	26.5	27.2	26.5
September	33.6	33.5	25.7	27.6	27.4	29.1
October	W	31.1	30.4	NA	31.5	30.3
November	W	28.6	31.3	29.7	33.2	29.4
December	W	NA	27.4	27.7	29.9	24.8
1998 Average	37.4	27.5	28.7	28.8	30.8	28.4
Alaska						
January	—	—	—	—	—	—
February	—	—	—	—	—	—
March	—	—	—	—	—	—
April	—	—	—	—	—	—
May	—	—	—	W	—	W
June	—	—	—	—	—	—
July	—	—	—	—	—	—
August	—	—	—	—	—	—
September	—	—	—	—	—	—
October	—	—	—	—	—	—
November	—	—	W	—	W	—
December	—	—	W	—	W	—
1998 Average	—	—	W	W	W	W
Arizona						
January	W	—	—	—	W	—
February	W	—	—	—	W	—
March	W	—	—	W	W	W
April	W	W	—	—	W	W
May	—	W	—	—	—	W
June	—	W	—	—	—	W
July	—	W	—	—	—	W
August	—	W	—	—	—	W
September	—	W	—	—	—	W
October	—	W	—	—	—	W
November	—	W	—	—	—	W
December	—	W	—	—	—	W
1998 Average	W	32.2	—	W	W	31.9
California						
January	W	29.2	34.8	33.6	34.9	32.1
February	W	26.4	27.9	27.0	27.9	26.8
March	W	26.1	24.5	26.6	24.5	26.4
April	W	24.8	27.7	29.7	27.8	27.3
May	W	25.6	32.1	31.1	32.1	27.9
June	W	26.0	28.7	28.6	28.7	27.9
July	W	23.6	29.5	31.5	29.5	26.9
August	W	26.5	25.9	28.4	25.9	27.4
September	W	33.4	25.3	30.1	25.3	31.4
October	W	31.0	30.5	31.8	30.5	31.4
November	W	27.6	30.4	30.2	30.4	29.3
December	W	NA	26.5	NA	26.5	24.1
1998 Average	W	26.8	28.3	29.7	28.3	28.6

See footnotes at end of table.

Table 42. Residual Fuel Oil Prices by PAD District and State

(Cents per Gallon Excluding Taxes) — Continued

Geographic Area Month	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Hawaii						
January	W	—	42.9	W	47.6	W
February	W	—	39.3	W	40.5	W
March	W	—	35.5	W	36.4	W
April	W	—	32.4	35.9	34.2	35.9
May	W	—	35.6	W	37.9	W
June	W	—	37.5	W	39.0	W
July	W	—	33.7	W	35.0	W
August	W	—	34.7	W	34.3	W
September	W	—	31.9	W	33.2	W
October	W	—	32.1	W	34.1	W
November	W	—	35.6	W	37.3	W
December	W	—	36.2	W	37.0	W
1998 Average	37.4	—	35.8	33.5	37.1	33.5
Nevada						
January	—	W	W	—	W	W
February	—	W	W	—	W	W
March	—	W	W	—	W	W
April	—	W	W	—	W	W
May	—	W	—	—	—	W
June	—	W	—	W	—	W
July	—	W	—	—	—	W
August	—	W	—	W	—	W
September	—	W	—	—	—	W
October	—	W	—	—	—	W
November	—	W	—	—	—	W
December	—	W	—	—	—	W
1998 Average	—	W	W	W	W	W
Oregon						
January	—	W	W	W	W	W
February	—	W	32.2	NA	32.2	38.2
March	—	W	25.7	NA	25.7	34.6
April	—	—	28.3	27.5	28.3	NA
May	—	—	30.8	W	30.8	W
June	—	W	W	W	W	W
July	—	—	W	W	W	W
August	W	—	26.5	W	27.3	W
September	W	—	26.6	W	27.2	W
October	—	—	W	W	W	W
November	—	W	W	W	W	37.5
December	—	—	27.9	W	27.9	W
1998 Average	W	W	29.3	30.5	29.4	30.8
Washington						
January	W	W	32.9	33.8	33.0	34.6
February	—	W	27.2	26.7	27.2	26.7
March	W	W	23.7	23.8	23.7	23.8
April	W	W	28.0	27.3	28.1	27.4
May	—	—	32.2	32.0	32.2	32.0
June	—	W	29.2	28.1	29.2	28.1
July	W	—	25.3	28.3	25.4	28.3
August	W	—	23.8	24.4	23.9	24.4
September	—	—	24.9	23.5	24.9	23.5
October	—	—	29.9	NA	29.9	NA
November	—	W	31.3	28.0	31.3	28.6
December	—	—	26.0	W	26.0	W
1998 Average	W	W	27.5	26.8	27.5	27.0

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Some State data are not sufficient for publication individually, but are used in calculating the PAD District average.

Sources: Energy Information Administration Forms EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

