

**Table 47. Refiner Residual Fuel Oil and No. 4 Fuel Volumes by PAD District**  
(Thousand Gallons per Day)

Geographic Area Month	Residual Fuel Oil						No. 4 Fuel <sup>a</sup>	
	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Total		Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale		
United States								
January .....	4,364.3	7,544.6	14,379.1	8,620.2	18,743.4	16,164.7	497.6	234.0
February .....	4,368.6	5,215.1	11,954.4	9,779.4	16,323.0	14,994.4	471.0	281.2
March .....	4,118.8	3,094.7	11,448.8	5,949.1	15,567.6	9,043.8	366.4	282.2
April .....	4,430.9	7,281.8	10,186.6	8,815.3	14,617.5	16,097.2	245.2	163.6
May .....	4,739.6	5,706.3	9,200.2	3,865.7	13,939.7	9,572.0	209.0	80.6
June .....	4,094.9	3,210.1	8,343.7	5,156.2	12,438.6	8,366.3	325.5	131.6
July .....	4,555.3	4,417.8	9,185.0	6,701.9	13,740.3	11,119.7	360.7	127.7
August .....	3,969.5	5,193.9	8,990.4	4,095.4	12,959.9	9,289.3	344.0	98.3
September .....	2,632.4	5,799.3	9,233.1	5,717.0	11,865.5	11,516.3	225.4	137.1
October .....	2,962.1	4,264.2	9,042.8	6,764.0	12,005.0	11,028.1	217.7	177.8
November .....	2,822.2	6,595.3	9,008.4	4,296.2	11,830.6	10,891.5	294.7	92.5
December .....	3,651.2	5,527.8	9,216.3	5,303.8	12,867.5	10,831.6	396.0	248.4
1999 Average .....	3,892.9	5,317.4	10,008.8	6,229.2	13,901.7	11,546.6	328.9	170.8
PAD District I								
January .....	3,161.0	4,923.6	7,680.3	4,993.5	10,841.3	9,917.2	W	211.8
February .....	3,385.5	3,625.7	5,939.5	4,673.0	9,325.0	8,298.6	W	180.5
March .....	3,234.8	2,162.5	5,610.5	2,902.0	8,845.3	5,064.5	W	190.8
April .....	3,209.2	5,928.0	3,546.4	3,806.4	6,755.6	9,734.4	W	76.7
May .....	W	5,063.5	W	752.3	6,499.4	5,815.8	W	59.1
June .....	W	2,673.6	W	1,517.3	6,343.1	4,190.9	W	27.0
July .....	3,503.9	4,013.2	4,395.5	587.1	7,899.3	4,600.3	W	23.8
August .....	2,585.2	4,604.3	3,287.5	661.8	5,872.7	5,266.2	W	22.9
September .....	1,794.7	5,288.3	3,889.2	953.4	5,683.9	6,241.7	W	30.4
October .....	1,845.9	3,766.9	4,958.3	1,066.3	6,804.1	4,833.2	W	W
November .....	1,848.1	6,020.9	4,277.1	908.8	6,125.3	6,929.7	209.3	W
December .....	2,256.3	4,943.8	4,204.1	523.5	6,460.4	5,467.3	W	W
1999 Average .....	2,739.0	4,418.2	4,543.9	1,924.7	7,282.8	6,342.9	W	89.7
Subdistrict IA								
January .....	W	W	W	W	W	W	W	W
February .....	W	W	W	W	W	2,091.3	W	W
March .....	W	W	W	W	W	W	W	W
April .....	W	1,688.0	W	W	W	2,731.1	W	W
May .....	W	W	W	—	W	W	W	W
June .....	W	W	W	W	W	634.7	W	W
July .....	W	W	W	—	W	W	W	W
August .....	W	W	W	—	W	W	W	W
September .....	W	W	W	—	1,233.6	W	W	W
October .....	W	W	W	W	800.0	W	W	W
November .....	W	W	W	W	W	W	W	W
December .....	W	W	W	—	W	W	W	W
1999 Average .....	W	1,165.9	647.2	335.5	853.5	1,501.4	W	W
Subdistrict IB								
January .....	2,710.6	2,811.6	3,270.0	2,232.0	5,980.6	5,043.6	W	188.4
February .....	3,092.7	2,296.1	2,164.1	1,643.8	5,256.8	3,939.9	W	165.8
March .....	2,896.4	1,613.4	2,171.4	1,026.4	5,067.8	2,639.8	W	175.4
April .....	2,683.8	2,902.1	1,500.7	1,123.1	4,184.5	4,025.2	W	68.3
May .....	W	1,306.1	W	W	3,761.7	W	W	52.1
June .....	W	1,243.4	W	786.3	3,905.3	2,029.7	W	20.9
July .....	3,056.7	W	2,308.9	W	5,365.6	1,584.6	W	18.7
August .....	2,174.2	W	1,636.8	W	3,811.0	2,999.3	W	17.5
September .....	1,124.7	W	1,509.6	W	2,634.3	3,112.9	W	24.5
October .....	1,729.2	1,769.9	2,312.8	463.2	4,042.0	2,233.0	W	W
November .....	W	3,856.8	W	627.0	W	4,483.8	W	W
December .....	1,982.8	W	1,531.9	W	3,514.7	3,051.1	W	W
1999 Average .....	2,233.2	2,193.6	1,974.7	880.1	4,207.9	3,073.7	W	80.1

See footnotes at end of table.

**Table 47. Refiner Residual Fuel Oil and No. 4 Fuel Volumes by PAD District**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Residual Fuel Oil						No. 4 Fuel <sup>a</sup>	
	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Total		Sales to End Users	Sales for Resale
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale		
Subdistrict IC								
January .....	W	W	W	W	W	W	10.3	W
February .....	W	W	W	W	W	2,267.5	W	W
March .....	W	W	W	W	W	W	10.2	W
April .....	W	W	2,034.9	1,640.2	2,537.7	2,978.1	W	W
May .....	W	W	1,568.8	W	W	2,328.0	W	W
June .....	W	W	1,329.0	W	W	1,526.5	W	W
July .....	W	W	W	W	W	W	W	W
August .....	W	W	W	W	W	W	W	W
September .....	W	W	W	W	1,816.0	W	2.3	W
October .....	W	W	W	W	1,962.2	W	6.9	W
November .....	499.6	W	2,481.7	W	2,981.4	W	19.0	W
December .....	W	W	W	W	W	W	24.9	W
1999 Average .....	299.5	1,058.7	1,921.9	709.1	2,221.4	1,767.8	9.8	W
PAD District II								
January .....	W	W	70.2	W	W	477.6	21.1	0.9
February .....	W	W	69.8	W	W	320.1	3.9	W
March .....	W	W	54.3	W	W	431.5	2.7	NA
April .....	W	W	49.8	419.2	63.2	423.8	W	W
May .....	W	W	21.4	W	W	441.9	W	W
June .....	W	W	W	373.1	58.1	W	4.8	W
July .....	W	W	W	216.3	89.4	W	2.9	W
August .....	W	W	W	W	131.9	454.8	3.9	W
September .....	W	NA	W	235.9	154.0	321.9	W	W
October .....	W	NA	101.9	232.9	W	327.8	W	W
November .....	W	W	102.0	W	W	290.3	W	W
December .....	W	W	93.7	267.4	W	W	11.7	W
1999 Average .....	W	W	69.3	295.0	100.3	385.9	6.2	2.7
PAD District III								
January .....	W	1,894.5	W	2,975.1	3,942.5	4,869.6	—	W
February .....	—	W	3,522.1	W	3,522.1	5,314.1	—	W
March .....	—	305.3	3,288.5	2,263.7	3,288.5	2,569.0	W	W
April .....	—	W	3,365.7	3,842.0	3,365.7	4,834.2	—	W
May .....	W	W	W	W	2,450.4	2,546.1	—	W
June .....	W	W	W	W	2,819.0	3,133.4	—	W
July .....	W	—	W	4,478.8	2,576.9	4,478.8	W	W
August .....	W	W	W	W	3,141.5	2,311.3	—	W
September .....	W	W	W	W	3,547.3	3,835.2	—	W
October .....	W	6.9	W	5,129.9	2,258.6	5,136.8	—	W
November .....	W	W	W	W	2,564.8	2,576.7	W	—
December .....	W	W	W	W	2,862.3	3,484.6	—	W
1999 Average .....	W	387.5	3,017.9	3,358.9	3,023.8	3,746.5	W	W
PAD District IV								
January .....	—	W	W	W	W	NA	—	—
February .....	—	W	W	W	W	58.8	—	—
March .....	—	W	W	W	W	24.9	—	—
April .....	—	W	W	W	W	35.5	—	—
May .....	—	W	W	W	W	34.6	—	—
June .....	W	W	W	W	4.4	W	—	—
July .....	W	W	W	W	3.9	W	—	—
August .....	W	W	W	W	2.9	62.5	—	—
September .....	W	W	W	W	2.4	66.9	—	—
October .....	—	W	W	W	W	82.3	—	—
November .....	—	W	W	W	W	93.9	—	—
December .....	—	W	W	W	W	W	—	—
1999 Average .....	W	W	W	W	2.5	64.8	—	—

See footnotes at end of table.

**Table 47. Refiner Residual Fuel Oil and No. 4 Fuel Volumes by PAD District**

(Thousand Gallons per Day) — Continued

Geographic Area Month	Residual Fuel Oil						No. 4 Fuel <sup>a</sup>	
	Sulfur Less Than or Equal to 1 Percent		Sulfur Greater Than 1 Percent		Total		Sales to End Users	Sales for Resale
	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	W	W	W	3,866.7	797.0	W	W
February .....	W	492.8	W	510.0	3,390.0	1,002.8	W	W
March .....	W	539.4	W	414.4	3,362.0	953.8	W	W
April .....	1,208.3	W	3,221.1	728.0	4,429.4	1,069.2	W	W
May .....	W	W	W	W	4,946.7	733.6	W	W
June .....	W	343.2	W	155.4	3,213.9	498.6	W	W
July .....	W	W	W	W	3,170.8	1,693.9	W	W
August .....	1,313.5	W	2,497.5	W	3,810.9	1,194.5	W	W
September .....	772.1	W	1,705.8	W	2,477.9	1,050.7	W	W
October .....	W	W	W	W	2,823.0	648.0	W	W
November .....	898.2	W	2,064.0	W	2,962.2	1,000.9	W	W
December .....	W	W	W	W	3,416.0	1,421.1	W	W
1999 Average .....	1,117.0	397.9	2,375.4	608.6	3,492.3	1,006.5	W	W

Dash (—) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Note: Totals may not equal the sum of the components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."