# Table 44. 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[a] | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 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 ...................... | 5,685.5 | 3,288.7 | 6,792.5 | 5,524.5 | 12,478.0 | 8,813.2 | W | W |
| February .................... | 4,075.7 | 3,590.9 | 5,768.7 | 5,777.4 | 9,844.4 | 9,368.4 | W | W |
| March ........................ | 2,824.0 | 3,822.5 | 5,614.4 | 7,308.0 | 8,438.4 | 11,130.5 | W | W |
| April .......................... | 1,949.3 | 2,321.8 | 5,462.1 | 5,372.6 | 7,411.5 | 7,694.4 | W | W |
| May ........................... | 2,466.5 | 2,641.2 | 4,867.1 | 6,438.4 | 7,333.6 | 9,079.6 | W | W |
| June .......................... | 2,817.2 | 2,648.7 | 4,947.6 | 6,236.0 | 7,764.8 | 8,884.7 | W | W |
| July ........................... | 2,472.6 | 3,354.6 | 5,921.5 | 6,957.4 | 8,394.2 | 10,312.0 | W | W |
| August ....................... | 2,454.9 | 3,261.3 | 5,268.8 | 7,559.7 | 7,723.7 | 10,820.9 | W | W |
| September ................. | 1,925.6 | 2,568.2 | 5,862.4 | 6,966.9 | 7,788.0 | 9,535.1 | W | W |
| October ...................... | 1,886.0 | 1,783.5 | 6,013.5 | 8,969.5 | 7,899.5 | 10,752.9 | W | W |
| November .................. | 2,441.0 | 2,657.9 | 5,765.8 | 7,783.9 | 8,206.7 | 10,441.9 | W | 131.0 |
| December .................. | 2,782.3 | 2,418.1 | 6,493.0 | 8,126.8 | 9,275.3 | 10,544.9 | W | 163.9 |
| **2009 Average** .............. | **2,810.5** | **2,860.6** | **5,733.6** | **6,931.4** | **8,544.1** | **9,792.0** | **W** | **121.3** |
| **PAD District I** | | | | | | | | |
| January ...................... | 3,889.0 | W | 2,111.9 | W | 6,000.9 | 4,228.8 | W | W |
| February .................... | 2,830.9 | 3,030.5 | 1,592.4 | 1,997.2 | 4,423.2 | 5,027.8 | W | W |
| March ........................ | W | 3,211.4 | W | 2,662.4 | 2,655.6 | 5,873.8 | W | W |
| April .......................... | W | 1,801.7 | W | 1,612.9 | 1,781.0 | 3,414.6 | W | W |
| May ........................... | 766.8 | W | 1,374.8 | W | 2,141.5 | 3,556.6 | W | W |
| June .......................... | W | W | W | W | 2,455.8 | 3,348.3 | W | W |
| July ........................... | 894.9 | 2,781.2 | 1,936.5 | 1,845.5 | 2,831.4 | 4,626.7 | W | W |
| August ....................... | 570.1 | 2,581.7 | 1,843.0 | 2,554.9 | 2,413.0 | 5,136.6 | W | W |
| September ................. | 434.7 | 2,034.6 | 1,943.1 | 2,089.9 | 2,377.7 | 4,124.5 | W | W |
| October ...................... | W | 1,046.1 | W | 2,049.3 | 2,183.2 | 3,095.4 | W | W |
| November .................. | W | 2,024.0 | W | 2,693.4 | 2,305.0 | 4,717.3 | W | W |
| December .................. | W | 1,788.3 | W | 2,951.1 | 3,179.7 | 4,739.4 | W | W |
| **2009 Average** .............. | **1,219.5** | **2,245.8** | **1,671.0** | **2,077.2** | **2,890.4** | **4,323.0** | **W** | **W** |
| **Subdistrict IA** | | | | | | | | |
| January ...................... | W | W | W | – | W | W | W | W |
| February .................... | W | W | W | – | W | W | W | W |
| March ........................ | W | W | W | – | W | W | W | W |
| April .......................... | W | W | W | – | W | W | W | W |
| May ........................... | W | W | W | – | W | W | W | W |
| June .......................... | W | W | W | – | W | W | W | W |
| July ........................... | W | W | W | – | W | W | W | W |
| August ....................... | W | W | W | – | W | W | W | W |
| September ................. | W | W | W | – | W | W | W | – |
| October ...................... | W | W | W | – | W | W | W | – |
| November .................. | W | W | W | – | W | W | W | – |
| December .................. | W | W | W | – | W | W | W | – |
| **2009 Average** .............. | **W** | **66.8** | **W** | **–** | **W** | **66.8** | **W** | **W** |
| **Subdistrict IB** | | | | | | | | |
| January ...................... | 3,567.1 | W | 1,674.2 | W | 5,241.4 | 3,764.6 | W | W |
| February .................... | 2,334.7 | W | 1,181.4 | W | 3,516.1 | 4,863.0 | W | W |
| March ........................ | W | 3,202.9 | W | 2,148.9 | 2,083.7 | 5,351.8 | W | W |
| April .......................... | W | W | W | W | 1,478.4 | 3,349.0 | W | W |
| May ........................... | 725.3 | W | 1,189.3 | W | 1,914.6 | 3,338.1 | W | W |
| June .......................... | W | W | W | W | 2,182.1 | 2,986.7 | W | W |
| July ........................... | 842.4 | W | 1,695.0 | W | 2,537.5 | 4,498.8 | W | W |
| August ....................... | 516.6 | W | 1,587.4 | W | 2,104.0 | 4,960.1 | W | W |
| September ................. | 396.7 | W | 1,719.8 | W | 2,116.5 | 4,006.4 | W | W |
| October ...................... | W | W | W | W | 1,916.2 | 2,883.7 | W | W |
| November .................. | W | W | W | W | 1,985.8 | 4,558.6 | W | W |
| December .................. | W | W | W | W | 2,794.4 | 4,252.2 | W | W |
| **2009 Average** .............. | **1,098.8** | **W** | **1,388.0** | **W** | **2,486.8** | **4,065.0** | **W** | **W** |

See footnotes at end of table.

# Table 44. 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[a] | |
|---|---|---|---|---|---|---|---|---|
| | 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 | – |
| February | W | W | W | W | W | W | W | – |
| March | W | W | W | 513.5 | W | W | W | – |
| April | W | W | W | W | W | W | W | – |
| May | W | W | W | W | W | W | W | – |
| June | W | W | W | W | W | W | W | – |
| July | W | W | W | W | W | W | W | – |
| August | W | W | W | W | W | W | W | – |
| September | W | W | W | W | W | W | W | – |
| October | W | W | W | W | W | W | W | – |
| November | W | W | W | W | W | W | W | – |
| December | W | W | W | W | W | W | W | – |
| **2009 Average** | **W** | **W** | **W** | **W** | **W** | **191.2** | **W** | **–** |
| **PAD District II** | | | | | | | | |
| January | – | – | W | 548.2 | W | 548.2 | – | – |
| February | – | – | W | 355.5 | W | 355.5 | – | – |
| March | – | – | W | W | W | W | – | – |
| April | – | – | W | 327.7 | W | 327.7 | – | – |
| May | – | – | W | 289.7 | W | 289.7 | – | – |
| June | – | – | W | 289.9 | W | 289.9 | – | – |
| July | – | – | W | 321.1 | W | 321.1 | – | – |
| August | – | W | W | W | W | 265.5 | – | – |
| September | – | W | W | W | W | 127.7 | – | – |
| October | – | W | W | W | W | 249.5 | – | – |
| November | – | W | – | 173.2 | – | W | – | W |
| December | – | W | – | W | – | 421.6 | – | W |
| **2009 Average** | **–** | **W** | **W** | **W** | **W** | **308.5** | **–** | **W** |
| **PAD District III** | | | | | | | | |
| January | W | 402.9 | W | 1,819.6 | 1,824.8 | 2,222.6 | – | W |
| February | W | 181.7 | W | 1,500.1 | 1,447.1 | 1,681.8 | – | W |
| March | W | 264.4 | W | 2,440.5 | 1,718.2 | 2,704.9 | – | W |
| April | W | 183.5 | W | 1,840.6 | 1,553.6 | 2,024.1 | – | W |
| May | W | 256.0 | 1,004.5 | 2,780.5 | W | 3,036.6 | – | W |
| June | W | 173.0 | W | 3,121.6 | 2,013.4 | 3,294.6 | – | W |
| July | W | 237.9 | W | 3,107.5 | 1,448.1 | 3,345.5 | – | W |
| August | W | 313.2 | W | 2,972.7 | 1,720.8 | 3,286.0 | – | W |
| September | W | 166.3 | 858.0 | 2,860.8 | W | 3,027.1 | – | W |
| October | W | 303.7 | 1,351.8 | 4,053.3 | W | 4,357.0 | – | W |
| November | W | 232.2 | 1,160.5 | 3,055.1 | W | 3,287.3 | – | W |
| December | W | 252.3 | 1,434.8 | 3,390.9 | W | 3,643.2 | – | W |
| **2009 Average** | **W** | **248.4** | **W** | **2,755.8** | **1,638.2** | **3,004.2** | **–** | **W** |
| **PAD District IV** | | | | | | | | |
| January | – | W | W | W | W | 25.7 | – | – |
| February | – | W | W | W | W | 39.8 | – | – |
| March | – | W | W | W | W | W | – | – |
| April | – | W | W | W | W | 78.0 | – | – |
| May | – | W | – | W | – | 45.2 | – | – |
| June | – | W | W | W | W | 43.2 | – | – |
| July | – | W | W | W | W | 38.9 | – | – |
| August | – | W | W | W | W | 43.1 | – | – |
| September | – | W | – | W | – | 64.7 | – | – |
| October | – | W | – | W | – | 64.6 | – | – |
| November | – | W | W | W | W | W | – | – |
| December | – | W | W | W | W | 20.6 | – | – |
| **2009 Average** | **–** | **W** | **W** | **W** | **W** | **47.1** | **–** | **–** |

See footnotes at end of table.

## Table 44.  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[a] | |
|---|---|---|---|---|---|---|---|---|
| | 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 | 4,583.7 | 1,787.9 | W | – |
| February .................... | W | W | W | W | 3,935.1 | 2,263.5 | W | – |
| March .......................... | W | W | W | W | 4,035.2 | 2,187.9 | W | – |
| April ............................ | W | W | W | W | 4,059.5 | 1,850.0 | W | – |
| May ............................. | W | W | W | W | 3,681.7 | 2,151.5 | W | – |
| June ............................ | W | W | W | W | 3,286.9 | 1,908.7 | W | – |
| July ............................. | W | W | W | W | 4,108.8 | 1,979.9 | W | – |
| August ........................ | W | W | W | W | 3,572.4 | 2,089.8 | W | – |
| September .................. | W | W | W | W | 4,020.2 | 2,191.2 | W | – |
| October ....................... | W | W | W | W | 4,039.3 | 2,986.5 | W | – |
| November ................... | W | W | W | W | 4,320.6 | 2,198.1 | W | – |
| December ................... | W | W | W | W | 4,319.1 | 1,720.2 | W | – |
| **2009 Average** ............... | **W** | **W** | **W** | **W** | **3,998.2** | **2,109.1** | **W** | **–** |

Dash (–) = No data reported.

W  = Withheld to avoid disclosure of individual company data.

a  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."