

gallons of crude oil near Grantfork, Illinois. Much of the crude reached a nearby creek. There were no injuries.<sup>[542]</sup>

- On July 15, two workers were hurt by an explosion, when a bulldozer hit a 4-inch gas pipeline, at an EQT gas compressor station in Worthington, Pennsylvania.<sup>[543]</sup>
- On August 3, two individuals were injured in Falfurrias, Texas when a natural gas pipeline operated by Kinder Morgan ruptured and exploded due to external corrosion, with \$191.498 in property damage. Later investigation showed that the pipe split along an ERW seam.<sup>[544][545]</sup>
- On August 7, a natural gas liquids pipeline in Weld County, Colorado burned, after being struck by a third party.<sup>[546]</sup>
- On August 13, crew working for Colonial Pipeline damaged one of Colonial's lines in Kannapolis, North Carolina, spilling about 6,000 gallons of petroleum product. About 1,000 gallons of product was lost.<sup>[205]</sup>
- On August 13, a natural gas pipeline in Cypress, Texas ruptured and leaked while a contract crew worked in the area. The pipeline was owned by Gulsouth Pipeline. There were no injuries or immediate damage; residents were evacuated.<sup>[547]</sup>
- On August 26, two maintenance divers were injured while working on a pipeline owned by Boardwalk/Gulf South Pipeline Co. 25 miles offshore of Louisiana when the pipeline ruptured, and the gas ignited.<sup>[548]</sup>
- On September 21, a Colonial Pipeline 32 inch main line was discovered to be leaking in Centreville, Virginia. At least 7,000 gallons of gasoline were spilled, forcing several nearby businesses to close.<sup>[549][550]</sup>
- On October 8, an explosion occurred at a Williams Companies pipeline facility in Gibson, Louisiana. 4 employees were killed, and, one other injured. The cause of the explosion was from procedure not being followed during welding work.<sup>[551][552][553]</sup>
- On November 15, work was being performed on a flow control valve, on a Sunoco 10 inch crude oil pipeline, in Wortham, Texas, when the valve failed, injuring 5 workers, and spilling some crude oil. It was later determined that the valve was under 400 psi of nitrogen pressure when it was being worked on.<sup>[554]</sup>
- On November 30, about 11,000 gallons of gasoline, butane and propane leaked from a pipeline in eastern Summit County, Utah.<sup>[555]</sup>
- On December 8, a contractor drilled into an 8-inch buried oil line (200 mm) that transports oil from a holding station in Ventura to a Wilmington refinery near Long Beach while setting new poles for Southern California Edison along State Route 118 near Somis that spilled about 7,980 U.S. gallons (190 barrels).<sup>[556]</sup>

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- On January 2, 3 people were injured, one seriously, one home destroyed, and 50 homes were damaged in Oklahoma City, Oklahoma, when a leak gas from a gas main entered a home. Preliminary results indicate that a leak occurred at a weld seam on the gas main. Later, Oklahoma regulators filed a complaint over the failure with Oklahoma Natural Gas. The complaint alleged the utility failed to properly inspect its system following eight previous leak failures in the neighborhood going back to 1983.<sup>[557][558]</sup>
- On January 9, a 30-inch Atmos Energy gas transmission pipeline exploded and burned in Robertson County, Texas. 4 families nearby were evacuated.<sup>[559]</sup>

- On January 11, butane leaking from a pipeline storage facility, in Conway, Kansas, forced a closure of a nearby highway for a time.<sup>[560]</sup>
- On February 14, a 6-inch crude oil pipeline broke near Rozet, Wyoming, spilling about 1,500 gallons of crude oil into a creek bed.<sup>[561]</sup>
- On February 16, an explosion and fire occurred at a gas plant in Frio County, Texas. 2 employees at the plant were injured.<sup>[562]</sup>
- On February 24, a 10-inch propane pipeline exploded and burned, near Sulphur, Louisiana. There were no injuries. About 208,000 gallons of propane were burned. The cause was from manufacturing defects.<sup>[563][564]</sup>
- On March 11, about 30,000 gallons of gasoline spilled from a leaking plug on a pipeline, at a tank farm in Sioux City, Iowa.<sup>[565]</sup>
- On March 22, about 4,000 gallons of gasoline spilled from a 6-inch petroleum products pipeline in Harwood, North Dakota.<sup>[566]</sup>
- On April 2, the TransCanada Corporation Keystone Pipeline was observed by a local resident to be leaking, near Freeman, South Dakota. The cause was a crack in a girth weld, and amount of tar sands dilbit spill was about 16,800 gallons.<sup>[567][568]</sup>
- On April 12, a pipeline at a gas plant in Woodsboro, Texas exploded, killing 2 men, and injured another worker.<sup>[569]</sup>
- On April 17, a 10 petroleum products pipeline failed in Wabash County, Illinois, resulting in a sheen on the Wabash River. About 48,000 gallons of diesel fuel was spilled.<sup>[570]</sup>
- On April 29, a 30-inch Texas Eastern/Spectra Energy pipeline exploded, injuring one man, destroying his home and damaging several others. The incident was reported at 8:17 a.m., near the intersection of Routes 819 and 22 in Salem Township, Westmoreland County, Pennsylvania. Later, Spectra Energy Corp. announced plans to dig up and assess 263 miles of that pipeline, from Pennsylvania to New Jersey. Corrosion had been detected at the failed seam 4 years before the rupture.<sup>[571][572][573]</sup>
- On May 20, a Shell Oil Company pipeline leaked near Tracy, California, spilling about 21,000 gallons of crude oil.<sup>[574]</sup>
- On June 23, a Crimson Pipeline crude oil line leaked in Ventura County, California. Initial reports said the spill size was from 25,200 gallons to 29,000 gallons, but, later reports estimate 45,000 gallons of crude were spilled.<sup>[575][576]</sup>
- On July 6, a Plantation Pipeline line was noticed to be leaking in Goochland County, Virginia. The spill did not reach nearby waterways.<sup>[577]</sup>
- On August 12, contractors were working on one of the main lines in Sunoco Pipeline LP's Nederland, Texas terminal when crude oil burst through a plug that was supposed to hold the oil back in the pipeline and ignited. The contractors were knocked off the platform to the ground, suffering injuries from the fall and severe burns. 7 contractors were injured.<sup>[578]</sup>
- On September 5, a pipeline in Bay Long, Louisiana was hit by dredging operations, resulting in a spill of about 5,300 gallons of crude oil into the water.<sup>[579]</sup>
- On September 9, a Colonial Pipeline mainline leak was noticed by workers on another project, in Shelby County, Alabama. At least 252,000 gallons of gasoline leaked from line.<sup>[580][581]</sup>
- On September 10, a Sunoco pipeline ruptured near Sweetwater, Texas. About 33,000 gallons of crude oil were spilled. The pipeline was just over a year old.<sup>[582]</sup>
- On October 11, two Nicor Gas workers were injured, and two townhouse units destroyed in a massive fire and explosion, caused by a gas leak in Romeoville, Illinois.<sup>[583]</sup>

- On October 17, an 8-inch ammonia pipeline started leaking, near Tekamah, Nebraska. A farmer living nearby went to find the source of the ammonia, and was killed by entering the vapor cloud. About 50 people were evacuated from their homes.<sup>[584]</sup>
- On October 19, a contractor in Portland, Oregon hit a 1-inch gas pipeline during work. Within an hour, there were 2 explosions, injuring 8 people, destroying or damaging several buildings, and started a fire. Contractors claim a utility locate was done before work began.<sup>[585]</sup>
- On October 21, an 8-inch Sunoco pipeline ruptured in Lycoming County, Pennsylvania, spilling about 55,000 gallons of gasoline into the Susquehanna River. The river was running high at the time.<sup>[586]</sup>
- On October 24, a pipeline ruptured on the Seaway Pipeline, in Cushing, Oklahoma, spraying the area with crude oil.<sup>[587]</sup>
- On October 31, a Colonial Pipeline mainline exploded and burned in Shelby County, Alabama, after accidentally being hit by a track hoe. One worker died at the scene, and 5 others were hospitalized, with one of those workers dying a month later. The explosion occurred approximately several miles from the 9 September 2016 breach.<sup>[588][589][590]</sup>
- On November 29, an Enterprise Products pipeline exploded in Platte County, Missouri, burning an ethane propane mixture. There were no evacuations or injuries.<sup>[591]</sup>
- On December 2, equipment failure in a Denbury Resources source water pipeline led to a leak of approximately 84,000 gallons of source water into Skull Creek, in Bowman County, North Dakota.<sup>[592]</sup>
- On December 5, a 6-inch Belle Fourche pipeline spilled 176,000 gallons of crude oil into Ash Coulee Creek in Billings County, North Dakota.<sup>[593]</sup>

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- On January 7, a Colonial Pipeline stubline leaked gasoline into Shoal Creek, in Chattanooga, Tennessee.<sup>[594]</sup>
- On January 14, the Ozark Pipeline, an Enbridge division, spilled about 15,330 gallons of light oil at the Lawrence Pump Station, near Halltown, Missouri.<sup>[595]</sup>
- On January 16, a gas pipeline exploded and burned, near Spearman, Texas. There were no injuries.<sup>[596]</sup>
- On January 25, the Magellan pipeline leaked 138,600 gallons (3,300 barrels) of diesel fuel onto private agricultural land in Worth County, Iowa, near Hanlontown.<sup>[597]</sup>
- On January 30, a Texas Department of Transportation crew dug into the 30 inch Seaway Pipeline, near Blue Ridge, Texas, spraying crude oil across road. There were no injuries.<sup>[598][599]</sup>
- On January 31, a DCP pipeline exploded under a runway, at Panola County Airport-Sharpe Field in Texas. There were no injuries, but the airport will shut that runway down for an extended amount of time.<sup>[600]</sup>
- On February 10, a Phillips 66 natural gas liquids pipeline (TENDS pipeline Sorrento system)<sup>[601]</sup> near the Williams-Discovery natural gas plant on US Route 90 near Paradis, Louisiana exploded while being cleaned, sending one worker to a burn unit. Traffic on US 90 and La 631 was shut down and residents in the area evacuated.<sup>[602]</sup>

## References