

MNI: Ukrainian Drone Strikes on Russian Refinery Tracker

By Lawrence Toye (02/12/2025)

- Bloomberg estimates that **Russia's crude processing rates** rebounded to more than **5.3m b/d** over Nov. **20-26** as two major refineries – Tuapse and Volgograd – raised their runs.
- In addition to refineries, **Ukraine has also targeted port infrastructure and tankers** over the past week
- The table below **lists reported Ukrainian drone attacks on Russian refining facilities since October**. Given the frequency of attempted strikes, the list may not be exhaustive.

Date	Facility	Capacity	Operational Impact	Further Details
Nov-30	Slavyansk Refinery , Krasnodar Operator: Slavyansk ECO	5.2m mtpa (100k b/d)	Operational impact unknown. Gas pipe damaged but no fire (Astra)	Also targeted Aug. 13 (Reuters)
Nov-29	Afipsky refinery , Krasnodar Operator: SAFMAR	6.25m mtpa (125k b/d)	Operational impact unknown. Some technical equipment damaged (Reuters) but tanks were not affected (Interfax)	Strike on Nov. 29, led to explosions and a fire. (General Staff of Ukraine) Also targeted Sep. 26 and twice in August
Nov-28	Saratov Refinery , Saratov Operator: Rosneft	7m mtpa (140k b/d)	Refinery strike causing a series of explosions and a fire (Ukraine General Staff) Prior to Nov. 28 attack, the plant had already stopped processing crude since the Nov. 11 attack and had been expected to remain offline until end of November (Reuters).	Refinery was also targeted Nov 14, Nov. 11, Nov. 3, Oct. 16, and Sep. 20 CDU-6 thought to be damaged by the Nov. 14 strikes (Reuters) The Nov. 3 strike ignited a fire in the area of the ELOU AVT-6 oil refining units (desalting and de-watering unit), (Ukraine's General Staff)
Nov-27	Novokuibyshevsk , Samara Operator: Rosneft	8.8m mtpa (170k b/d)	Damage unknown from either Nov. 27 attack (Astra) or Nov. 16 strike	Prior to Nov. 16 strike, refinery had resumed crude processing which was disrupted by a halt to the 138k b/d CDU-11 and CDU-9 by attack on Oct. 19 Refinery was also attacked Nov. 16, Oct. 19 and in August.

Nov-25	Tuapse , Tuapse, Krasnodar Krai) Operator: Rosneft	12m mtpa (240k b/d)	Processing averaged 190k b/d Nov. 20-26 after complete halt earlier in month. (Bloomberg) Refinery had resumed crude processing Nov. 21 with port also resuming exports (Reuters)	Nov. 25 attack claimed by General Staff of Ukraine Previous attack on Nov. 3 when drones struck the loading facilities (Bloomberg)
Nov-22	Syzran , Samara Operator: Rosneft	8.5m mtpa (170k b/d)	Operational Impact Unknown Local residents reported a drone strike hitting the refinery (Astra)	Refinery previously attacked in August and temporarily ceased operations (RBC Ukraine)
Nov-20	Ryazan refinery , Ryazan Operator: Rosneft	13m mtpa (340k b/d)	Ukraine's General Staff claim the Nov. 20 attack caused a fire in the area of the secondary oil processing units. Crude processing was suspended following Nov. 15 attack. Plant expected to be idle until end of month and no product loadings planned before Dec. 1 (Reuters)	Refinery was previously attacked Oct. 23, taking the 80k b/d CDU-4 offline with secondary unit shutdowns including a reformer, vacuum gasoil hydrotreater, and catalytic cracker (OilPrice.Com). CDU-4 repairs yet to be completed (Reuters Nov. 18) Main CDU shut down by Nov. 15 attack, taking out 48% of total capacity (Reuters). Adds to outage from previous strike Oct. 23 which left 80k b/d CDU-4 offline (Oilprice.com, Reuters) Ukraine General Staff said two primary crude processing units were damaged in Nov. 15 strike, as well as a petroleum storage tank and a pipeline trestle
Nov-19	Ilsky , Krasnodar Krai Operator: KNGK	6.6m mtpa (130k b/d)	Damage Unknown	Attack announced by chief of Unmanned Systems Forces, not General Staff of Ukraine Previous strike in September. Refinery runs were 115k b/d as of Oct. 27

Nov-12	Stavrolen chemical plant, Stavropol Krai. Operator: Lukoil	n/a	Damage Unknown	Stavrolen is one of Russia's main producers of polyethylene and polypropylene. Refinery was also attacked Oct. 29, but regional head said there was no significant damage on that occasion
Nov-11	Orsknefteorgsintez (Orsk), Orenburg Operator: FortelInvest	6m mtpa (120k b/d)	Refinery has reduced runs following Nov. 11 attack as of Nov. 25 (Bloomberg). Had originally been expected to restart by Nov. 16 as had (Kommersant) suspended crude processing Nov. 10 due to maintenance at processing facility; the drone strike delayed repairs (Kommersant)	General Staff of Ukraine claimed that one of the primary CDUs were hit. At least one drone attacked the refinery (Astra), while Exilenova reported there were likely several strike and a Visbreaking unit was hit. The refinery had also been attacked by a drone on Oct. 3 (Astra)
Nov-06	Sterlitamak Petrochemical Plant, Bashkortostan Operator: Gazprom NefteKhim	n/a	Damage from Nov. 6 strike unclear Part of the water purification facility collapsed from previous Nov. 4 strike (Bashkortostan Governor)	The strike occurred on Nov. 6, according to Ukraine's Military Intelligence (HUR).
Nov-06	Lukoil refinery, Volgograd Operator: Lukoil	15m mtpa (300k b/d)	Crude processing exceeding 220k b/d by late November (Bloomberg)	Refinery has been hit twice in three months units damaged were reported as: 67k b/d CDU-5 (Bloomberg) and the 11k mt/d hydrocracker (Reuters, Bloomberg). The refinery had already reduced runs for planned maintenance before attack (Bloomberg)

Nov-04	Nizhegorodnefteorgsintez , Kstovo, Nizhny Novgorod Operator: Lukoil	17m mtpa (340k b/d)	Lukoil confirmed that the operation of one of the processing units was temporarily suspended as of Nov. 4 (RIA). No further update.	Refinery also attacked Oct. 15 and Oct. 5. L-24/300 hydrotreatment unit possibly damaged Oct. 15 (Militarnyi) Rectification column, responsible for primary oil processing damaged on Oct. 5 strike (Ukrainian Pravda)
Oct-29	NS-Oil refinery , Novospasskoye, Ulyanovsk Operator: NS-Oil	0.6m mtpa (12k b/d)	Damage Unknown	Locals reported hearing between 5 and 8 explosions. The plant produces gasoline, diesel, and fuel oil.
Oct-29	Mariysk refinery , Mari El Republic	1.3m mtpa (26k b/d)	Damage Unknown	Ukraine's General Staff reported explosions and a fire at the facility (Interfax Ukraine). Refinery has two primary oil processing units and a vacuum fuel oil processing unit (Interfax Ukraine)
Oct-22	Dagnotech , Makhachkala, Dagestan Operator: State owned	1m mtpa (20k b/d)	Damage Unknown	Kyiv's General Staff claimed the attack hit one of the crude refining units, but it was not independently verified.
Oct-15	Bashneft Refining Complex , Ufa, Bashkortostan Operator: Rosneft	23.5m mtpa (472k b/d)	Ufimsky refinery increased runs to pre-attack levels by Nov. 12 (Bloomberg). Runs at the Ufaneftekhim refinery rose by more than 60% to pre-strike levels of 155k b/d by Nov. 4 (Bloomberg)	Reports of attacks on the refining complex Oct. 15 and Oct. 11 (Bloomberg). Bashneft is a complex of three oil refineries located right next to each other – the Novoil, Ufimsky and Ufaneftekhim refineries.

Oct-04	Kirishi refinery (Kinef), Leningrad Oblast Operator: Surgutneftegaz	20m mtpa (430k b/d)	Runs near pre-strike levels by Nov. 5 (Bloomberg)	The attack on Oct. 4 halted the 160k b/d CDU-6, the most productive unit (Reuters), following a drone strike and fire. Repairs were due to take a month (Reuters). The refinery was also hit Sep. 14, which took a 150k b/d primary processing unit offline. Repair work on the unit damaged Sep. 14 was estimated to take about a month (Bloomberg) The strikes likely hit the same unit on both occasions.
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