

Batch Release: one wait per order

Current-state simulated Friday 91. Drop-off through readiness notification.
Clock: cumulative operating minutes from Friday 7:00 a.m.; closed hours omitted.
Source: washnfold_event_log.csv. Parent = customer order; child = compatible load.

For each order, subtract the earliest Wash queue entry from its earliest Wash setup start. The mean of these 39 waits is 501.7 min; the 65-load mean is 500.9 min. Use the order-level label for Batch Release; do not add both waits.

Order ID	Compatible loads	First Wash queue entry (min)	First Wash setup start (min)	Order Batch Release W/T (min)
WNF-001	2	15.9	21.5	5.6
WNF-002	2	20.7	21.5	0.8
WNF-003	2	21.5	23.9	2.4
WNF-004	2	40.6	131.4	90.8
WNF-005	2	41.7	134.7	93.0
WNF-006	1	52.3	138.4	86.1
WNF-007	1	55.3	247.0	191.7
WNF-008	2	59.5	248.0	188.5
WNF-009	2	67.6	251.4	183.8
WNF-010	2	73.2	347.4	274.2
WNF-011	1	73.9	350.4	276.5
WNF-012	1	78.2	351.9	273.7

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Order ID	Compatible loads	First Wash queue entry (min)	First Wash setup start (min)	Order Batch Release W/T (min)
WNF-013	2	84.1	447.3	363.2
WNF-014	2	84.8	449.3	364.5
WNF-015	1	91.3	449.9	358.6
WNF-016	1	95.7	545.1	449.4
WNF-017	2	99.4	547.0	447.6
WNF-018	1	105.4	549.7	444.3
WNF-019	2	110.8	640.8	530.0
WNF-020	1	129.1	643.8	514.7
WNF-021	2	155.6	645.2	489.6
WNF-022	2	161.5	737.9	576.4
WNF-023	1	157.4	736.7	579.3
WNF-024	2	166.1	836.6	670.5

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WNF-025	2	162.6	741.5	578.9
WNF-026	1	167.4	839.0	671.6
WNF-027	2	178.0	839.3	661.3
WNF-028	2	191.1	927.7	736.6
WNF-029	2	199.4	930.9	731.5
WNF-030	2	202.0	933.8	731.8
WNF-031	1	208.2	1028.6	820.4
WNF-032	2	207.7	1025.5	817.8
WNF-033	2	214.5	1029.7	815.2
WNF-034	2	241.7	1124.1	882.4
WNF-035	2	247.0	1126.5	879.5
WNF-036	2	261.6	1129.6	868.0

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WNF-037	1	263.8	1236.6	972.8
WNF-038	1	266.0	1238.1	972.1
WNF-039	2	268.5	1239.7	971.2