“No Kings” San Diego, June 14, 2025: Crowd Size

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June 18, 2025

Summary

Estimating crowd sizes for large protests is essential for gauging their scale and societal impact. However, estimates are frequently made subjectively, leading to conflicting estimates and public distrust. Two recent developments, however, have improved the accuracy and the reproducibility of these estimates: 1) The wide availability of aerial video footage, cell phone video and photos and measurements of crowd movement allows production of crowd size estimates with visual and quantitative documentation, and; 2) Academic research using geospatial analysis offers independent approaches to estimate crowd size and verify organizer claims.

For the San Diego’s Waterfront Park “No Kings” march on June 14, 2025, we have used ground and aerial video to document both the static density and flow rate of the crowd to generate a conservative mean estimate of 69,513 participants (with a 95% confidence interval of 66,912 – 72,063). This number is most likely larger, since there was no usable footage available for a second march from the Civic Center that ultimately joined the Waterfront march, nor for marchers who participated on areas outside the area studied (e.g. Ash Street where the second march joined from). In addition, there were several other “No Kings” events throughout San Diego County (Carlsbad, Chula Vista, Del Mar, El Cajon, Escondido, Rancho Bernardo, San Marcos), with an estimated 10,000 additional participants.

The code and methods for generating the estimate above are described below so that others can validate these numbers. This procedure has also been submitted to The Crowd Counting Consortium, a public interest and scholarly project hosted by Harvard University to document protests in the U.S., for review and input.

Estimating crowd size continues to be a complex process, particularly for marches, where participants’ movements create a constantly changing array of densities and flow rates, and where the quality and availability of high quality images can vary. Improvements will occur only through ongoing collaboration between researchers and the public in identifying best practices.

Methods

There was no single method that was able to precisely count the number of participants in the No Kings march in San Diego. To provide ground truth backed up by aerial photographs, three methods were implemented.

1) Initial pre-march static estimate of Waterfront Park capacity based upon Jacobs density assessments and described by Choi-Fitzpatrick, A. and T Juskauskas, 2015.
2) Aerial video frame capture of the beginning of the march when the bulk of the crowd was tightly packed from Waterfront Park up to the head of the march using Jacobs method.
3) Flow rate assessment using a fixed location video camera that captured the entire march

Waterfront Park pre-march estimate: The static estimate of Waterfront Park's maximum capacity was derived using Google Earth to measure the area where participants were expected to gather. Applying Jacobs' high-density standard of 2.5 square feet per person, the analysis yields a theoretical maximum crowd size of approximately 76,000 people. Although such a high-density scenario was not anticipated, this estimate serves as an upper bound for potential attendance. Figure 1 illustrates this maximum capacity based on the Jacobs method.

Figure1. Waterfront Park, San Diego. Main turfgrass areas where participants are expected to gather. Estimated maximum crowd for densely packed area (2.5 sq ft/person) is approximately 76,000 people.

Flow rate: The No Kings march flow rate was estimated using a stationary camera that covered the width of Harbor Drive (Figure 7). Figure 2 illustrates the start of the march. Due to the large crowd size, compared to previous 2025 marches, it was not possible to hand count the entire population of the march. Instead, the individuals at the edge of the march nearest the camera were scored as they passed out of the camera field. Each edge-individual counted was used to represent the population of marchers extending across the 72 ft wide section of street between the current and next edge-individual. For the first 11 minutes of the march, each edge-individual passing out of the camera frame was used to represent 36 participants (2 ft per person if they were shoulder to shoulder, 72 ft wide street). After 11minutes, as the marchers spread onto the sidewalks, each person passing out of the camera frame was used to represent 40 participants that included the marchers on the sidewalk. At 47 minutes until the end of the march at 50 min, as the width of the march narrowed, each edge-individual was used to represent 30 participants. Using these parameters, an estimate of 69,513 participants (with a 95% confidence interval of 66,912 – 72,063) was determined (Table 2).

Using static density to double-check flow rate estimates. Static crowd area estimates were computed using Google Earth Pro by drawing a polygon around the area identified in aerial photographs to estimate area that the crowd occupied. The densely packed beginning of the march provided a snapshot of the majority of the participants at the start of the march. Using the crowd size estimate computed from the flow rate model of 69,462 participants, the static density at the time the aerial image was taken would be 3.5 sq ft per person (a moderately dense crowd as determine by Jacobs estimates is 4.5 sq ft per person; see Choi-Fitzpatrick, A. and T Juskauskas. 2015) (Figures 5 and 6). The static density was used to double-check the flow rate methodology using screen captures from the ABC 10 News helicopter footage at the beginning of the march when marchers were densely packed from the front of the march to the end of the march. As the march proceeded, the density of the marchers was reduced until the march returned to Waterfront Park while some marchers were still leaving the park. Density estimates from the aerial video were difficult to make due to the oblique angle that the video was recorded and the variable surface obstructions and hand-held signs. Since the 3.5 sq ft per person is a reasonable density based on our observations at the march, the flow rate determined by the method described above appears to be valid.

Figure 2. Start of the march passing the stationary camera. Image is a frame grab from the video of the entire march: https://www.youtube.com/watch?v=Wm2kZLdLggk


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MORE
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Figure 3. Image at 11 minutes immediately before zooming out to capture the marchers that were also occupying the sidewalk. Up to this point each edge-individual recorded represented 36 marchers in the street. Screen capture from: https://www.youtube.com/watch?v=Wm2kZLdLggk

Figure 4. Image at 11 min when the camera was zoomed out to capture marchers on the sidewalk. Marchers had occupied the sidewalk for some period of time before the camera was zoomed out. At this point, each edge-individual represented 40 marchers in the street. Screen capture from: https://www.youtube.com/watch?v=Wm2kZLdLggk

Figure 5. Static measurements taken at the start of the march when all marchers were accumulated densely throughout the area. The image on the left illustrates the crowd density and the image on the right illustrates the area that is estimated at 132,922 sq ft. At a density of 3.5 sq ft per person ~ 37,978 people are represented. Screen capture from ABC News 10, San Diego YouTube video of No Kings protests around San Diego: https://www.youtube.com/live/FgZjnnEWO_s?si=DOEROFFJ3Zja74uO

Figure 6. Static measurements taken at the start of the march when all marchers were accumulated densely throughout the area from the start to the end of the march. This image illustrates the crowd density (left image) and measures the area not included in Figure 5. The right image illustrates the area that is estimated at 113,037 sq ft. At a density of 3.5 sq ft per person ~ 31,296 people. Screen capture from ABC News 10, San Diego YouTube video of No Kings protests around San Diego: https://www.youtube.com/live/FgZjnnEWO_s?si=DOEROFFJ3Zja74uO

Figure 7. Fixed location of the video camera used to capture march flow rate. The arrow indicates the direction in which the camera was pointed. Image below is a screen capture from ABC News 10, San Diego YouTube video of No Kings protests around San Diego: https://www.youtube.com/live/FgZjnnEWO_s?si=DOEROFFJ3Zja74uO

Figure 8. Flow rate (number of individuals passing directly adjacent to the video camera) calculated every 10 seconds. Red line is the running average.

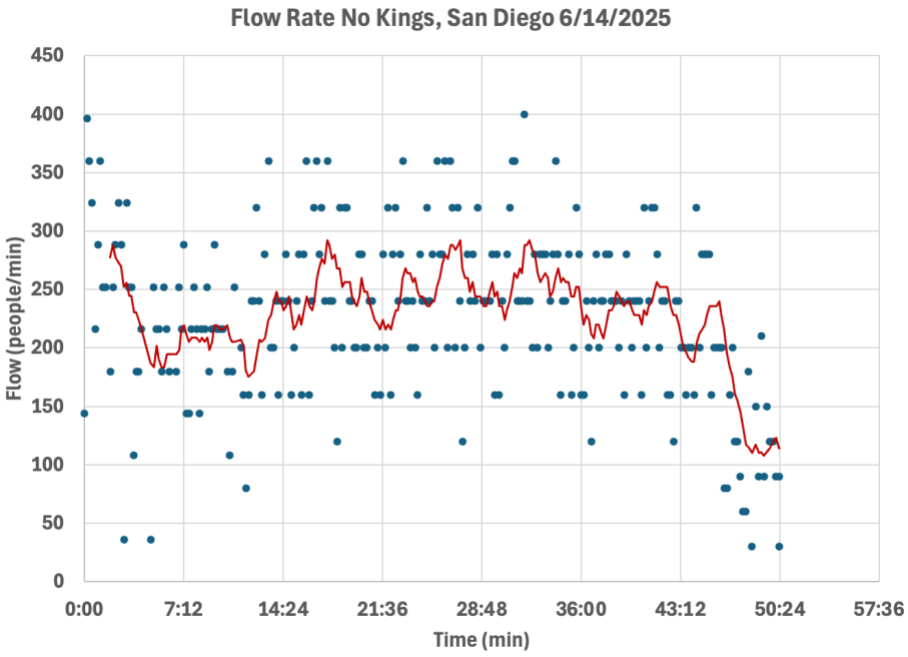

Figure 9. Cumulative flow of march participants. The discrepancy in the total direct count (59,728) vs. the participation estimated by statistical analysis of flow rate (69,513) is due to the distribution of the observations of flow rate compared to direct count estimation. Statistical analysis of the distribution of observations results in a more accurate estimate of the total participation.

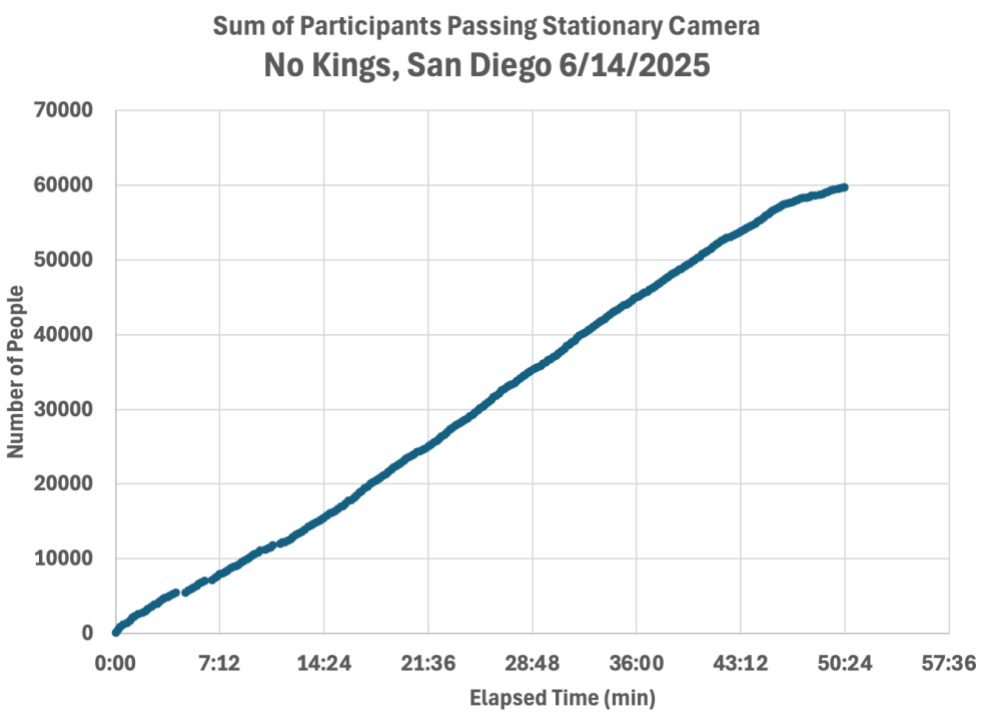

Table 1. Descriptive statistics for flow rate estimation using edge-individual counts as they pass out of the video camera frame. Number of people passing out of the frame was recorded every 10 seconds for the duration of the video. To compute flow rate, this value is multiplied by 6 to convert to minutes and then by the estimated number of participants represented by each edge-individuals (36 for the first 11 minutes, 40 between 11 and 47 minutes, and 30 for the remaining 3 min).

Total time: 3033.9 seconds
Total people counted: 1541

Descriptive Statistics:

Min	1.0
1st Quartile	5.0
Median	6.0
Mean	5.9
3rd Quartile	7.0
Max	11
Std Deviation	1.74
Variance	3.04

Table 2. Computation of participant flow rate range adjusted for variable flow as described in Table 1. Using the 95% confidence interval of 1311 - 1413 marchers/min over the duration of 51 min, the crowd size ranged from 66,912 – 72,063 with a mean of 69,513 participants.

Flow Rate marchers/min Descriptive Statistics

Count	263
Mean	1363
Standard Deviation	422
Standard Error	26
90% Confidence Interval	1320 – 1405
95% Confidence Interval	1312 - 1413

References

Choi-Fitzpatrick, A, T. Juskauskas and B. Sabur. 2018. All the protestors fit to count: using geospatial affordances to estimate protest event size. Interface. 10:297-321. Retrieved https://www.interfacejournal.net/wordpress/wp-ontent/uploads/2018/12/Interface-10-1-2-Choi-Fitzpatrick-et-al.pdf

Choi-Fitzpatrick, A. and T Juskauskas. 2015. Up in the Air: Applying the Jacobs Crowd formula to Drone Imagry. Procedia Eng. 107:273-281. https://www.sciencedirect.com/science/article/pii/S1877705815010358?utm_source=chatgpt.com

Wikipedia contributors. (2023). 'Crowd counting.' *Wikipedia, The Free Encyclopedia.* Retrieved 4/7/2025 https://en.wikipedia.org/wiki/Crowd_counting

Appendix 1. R script used to score each person directly adjacent to the video camera as they move out of the frame.

```
# Protest Flow Rate Logger
# Logs keypresses every X seconds, computes flow statistics, and saves graph & summary

# Load required package
if (!require("ggplot2")) install.packages("ggplot2", dependencies = TRUE)
library(ggplot2)

# === CONFIGURATION ===
log_interval <- 10  # Set your logging interval in seconds here
# ======================

# Initialize variables
count <- 0
interval_count <- 0
start_time <- Sys.time()
last_log_time <- start_time
flow_log <- data.frame(Time = character(), Count = integer())

# Output filenames with timestamp
timestamp_base <- format(start_time, "%Y-%m-%d_%H-%M-%S")
flow_file <- paste0("FlowLog_", timestamp_base, ".csv")
summary_file <- paste0("FlowSummary_", timestamp_base, ".txt")
plot_file <- paste0("FlowGraph_", timestamp_base, ".png")

cat(sprintf("Press Enter to count a person. Type '1' then Enter to stop.\nLogging flow every %d seconds...\n", log_interval))

repeat {
  input <- tryCatch(readline(prompt = ""), error = function(e) "")

  if (input == "1") {
    # Final log if interval not yet passed
    if (interval_count > 0) {
      flow_log <- rbind(flow_log, data.frame(
        Time = format(Sys.time(), "%Y-%m-%d %H:%M:%S"),
        Count = interval_count
      ))
    }
    break
  }

```

```
  if (input == "") {
    count <- count + 1
    interval_count <- interval_count + 1
    cat(sprintf("\rTotal count: %d", count))
    flush.console()
  }

  # Check if it's time to log
  now <- Sys.time()
  if (difftime(now, last_log_time, units = "secs") >= log_interval) {
    flow_log <- rbind(flow_log, data.frame(
      Time = format(now, "%Y-%m-%d %H:%M:%S"),
      Count = interval_count
    ))

    cat(sprintf("\nLogged %d people at %s\n", interval_count, format(now, "%H:%M:%S")))
    interval_count <- 0
    last_log_time <- now
  }
}

# Save flow log
write.csv(flow_log, flow_file, row.names = FALSE)

# Clean and formatted summary stats
desc_stats <- summary(flow_log$Count)
stat_labels <- c("Min", "1st Quartile", "Median", "Mean", "3rd Quartile", "Max")
summary_table <- sprintf("%-15s : %5.1f", stat_labels, as.numeric(desc_stats))

# Additional statistics
std_dev <- sd(flow_log$Count)
variance <- var(flow_log$Count)

summary_text <- c(
  sprintf("Flow Rate Summary (people per %d seconds)", log_interval),
  strrep("-", 50),
  sprintf("Total time: %.1f seconds", as.numeric(difftime(tail(flow_log$Time, 1), start_time, units
= "secs"))),
  sprintf("Total people counted: %d", sum(flow_log$Count)),
  "",
  "Descriptive Statistics:",
  paste(summary_table, collapse = "\n"),
  sprintf("\n%-15s : %5.2f", "Std Deviation", std_dev),
```

```
  sprintf("%-15s : %5.2f", "Variance", variance)
)

writeLines(summary_text, summary_file)

# === PLOTTING FLOW RATE PER MINUTE ===
flow_log$Time <- as.POSIXct(flow_log$Time, format = "%Y-%m-%d %H:%M:%S")
flow_log$ElapsedMin <- as.numeric(difftime(flow_log$Time, start_time, units = "mins"))

p <- ggplot(flow_log, aes(x = ElapsedMin, y = Count)) +
  geom_line(color = "black") +
  geom_point(color = "blue") +
  labs(title = "Flow Rate Outer Row (People per Minute)",
       x = "Time (min)",
       y = "People Counted") +
  theme_bw()

    ggsave(plot_file, plot = p, width = 8, height = 4)

    cat("\n\n=== Summary Complete ===\n")
    cat(sprintf("Flow log saved to: %s\n", flow_file))
    cat(sprintf("Summary saved to: %s\n", summary_file))
    cat(sprintf("Plot saved to: %s\n", plot_file))
```

Appendix 2. Raw flow rate data and flow rate conversion. Counts were collected ever 10 seconds. Flow/min = 6 x count x width (people). The discrepancy in the total direct count (59,728) vs. the participation estimated by statistical analysis of flow rate (69,513) is due to the distribution of the observations of flow rate compared to direct count estimation. Statistical analysis of the distribution of observations results in a more accurate estimate of the total participation.

Time	Elapsed time	Count	Width (people)	Flow/10 sec	Sum
6/17/25 13:46	0:00	4	36	144	144
6/17/25 13:46	0:10	11	36	396	540
6/17/25 13:47	0:20	10	36	360	900
6/17/25 13:47	0:33	9	36	324	1224
6/17/25 13:47	0:47	6	36	216	1440
6/17/25 13:47	0:58	8	36	288	1728
6/17/25 13:47	1:09	10	36	360	2088
6/17/25 13:48	1:19	7	36	252	2340
6/17/25 13:48	1:32	7	36	252	2592
6/17/25 13:48	1:52	5	36	180	2772
6/17/25 13:48	2:03	7	36	252	3024
6/17/25 13:48	2:14	8	36	288	3312
6/17/25 13:49	2:28	9	36	324	3636
6/17/25 13:49	2:40	8	36	288	3924
6/17/25 13:49	2:52	1	36	36	3960
6/17/25 13:49	3:03	9	36	324	4284
6/17/25 13:49	3:13	7	36	252	4536
6/17/25 13:50	3:24	7	36	252	4788
6/17/25 13:50	3:35	3	36	108	4896
6/17/25 13:50	3:45	5	36	180	5076
6/17/25 13:50	3:56	5	36	180	5256
6/17/25 13:50	4:08	6	36	216	5472
6/17/25 13:51	4:48	1	36	36	5508
6/17/25 13:51	5:01	7	36	252	5760
6/17/25 13:51	5:13	6	36	216	5976
6/17/25 13:52	5:24	6	36	216	6192
6/17/25 13:52	5:35	5	36	180	6372
6/17/25 13:52	5:46	7	36	252	6624
6/17/25 13:52	5:57	6	36	216	6840
6/17/25 13:52	6:08	5	36	180	7020
6/17/25 13:53	6:40	5	36	180	7200
6/17/25 13:53	6:52	7	36	252	7452
6/17/25 13:53	7:02	6	36	216	7668

6/17/25 13:53	7:12	8	36	288	7956
6/17/25 13:54	7:22	4	36	144	8100
6/17/25 13:54	7:34	4	36	144	8244
6/17/25 13:54	7:45	6	36	216	8460
6/17/25 13:54	7:56	7	36	252	8712
6/17/25 13:54	8:08	6	36	216	8928
6/17/25 13:55	8:20	4	36	144	9072
6/17/25 13:55	8:30	6	36	216	9288
6/17/25 13:55	8:43	6	36	216	9504
6/17/25 13:55	8:53	7	36	252	9756
6/17/25 13:55	9:03	5	36	180	9936
6/17/25 13:55	9:14	6	36	216	10152
6/17/25 13:56	9:25	8	36	288	10440
6/17/25 13:56	9:36	6	36	216	10656
6/17/25 13:56	9:50	6	36	216	10872
6/17/25 13:56	10:01	6	36	216	11088
6/17/25 13:57	10:21	5	36	180	11268
6/17/25 13:57	10:32	3	36	108	11376
6/17/25 13:57	10:42	5	36	180	11556
6/17/25 13:57	10:53	7	36	252	11808
6/17/25 13:58	11:21	5	40	200	12008
6/17/25 13:58	11:32	4	40	160	12168
6/17/25 13:58	11:42	2	40	80	12248
6/17/25 13:58	11:54	4	40	160	12408
6/17/25 13:58	12:05	6	40	240	12648
6/17/25 13:59	12:16	6	40	240	12888
6/17/25 13:59	12:28	8	40	320	13208
6/17/25 13:59	12:40	6	40	240	13448
6/17/25 13:59	12:50	4	40	160	13608
6/17/25 13:59	13:04	7	40	280	13888
6/17/25 14:00	13:20	9	40	360	14248
6/17/25 14:00	13:31	5	40	200	14448
6/17/25 14:00	13:42	5	40	200	14648
6/17/25 14:00	13:54	6	40	240	14888
6/17/25 14:00	14:04	4	40	160	15048
6/17/25 14:00	14:15	6	40	240	15288
6/17/25 14:01	14:25	6	40	240	15528
6/17/25 14:01	14:36	7	40	280	15808
6/17/25 14:01	14:48	6	40	240	16048
6/17/25 14:01	14:58	4	40	160	16208

6/17/25 14:01	15:11	5	40	200	16408
6/17/25 14:02	15:23	6	40	240	16648
6/17/25 14:02	15:33	7	40	280	16928
6/17/25 14:02	15:44	4	40	160	17088
6/17/25 14:02	15:54	7	40	280	17368
6/17/25 14:02	16:06	9	40	360	17728
6/17/25 14:03	16:17	4	40	160	17888
6/17/25 14:03	16:29	6	40	240	18128
6/17/25 14:03	16:39	8	40	320	18448
6/17/25 14:03	16:50	9	40	360	18808
6/17/25 14:03	17:01	7	40	280	19088
6/17/25 14:03	17:12	8	40	320	19408
6/17/25 14:04	17:25	6	40	240	19648
6/17/25 14:04	17:36	9	40	360	20008
6/17/25 14:04	17:46	6	40	240	20248
6/17/25 14:04	17:57	6	40	240	20488
6/17/25 14:04	18:08	5	40	200	20688
6/17/25 14:05	18:18	3	40	120	20808
6/17/25 14:05	18:30	8	40	320	21128
6/17/25 14:05	18:41	5	40	200	21328
6/17/25 14:05	18:51	8	40	320	21648
6/17/25 14:05	19:02	8	40	320	21968
6/17/25 14:05	19:13	6	40	240	22208
6/17/25 14:06	19:23	6	40	240	22448
6/17/25 14:06	19:33	5	40	200	22648
6/17/25 14:06	19:44	5	40	200	22848
6/17/25 14:06	19:55	7	40	280	23128
6/17/25 14:06	20:05	7	40	280	23408
6/17/25 14:07	20:16	5	40	200	23608
6/17/25 14:07	20:28	5	40	200	23808
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6/17/25 14:07	20:51	6	40	240	24288
6/17/25 14:07	21:02	4	40	160	24448
6/17/25 14:07	21:15	5	40	200	24648
6/17/25 14:08	21:26	4	40	160	24808
6/17/25 14:08	21:38	7	40	280	25088
6/17/25 14:08	21:48	5	40	200	25288
6/17/25 14:08	22:00	8	40	320	25608
6/17/25 14:08	22:12	4	40	160	25768
6/17/25 14:09	22:22	7	40	280	26048

6/17/25 14:09	22:33	8	40	320	26368
6/17/25 14:09	22:43	6	40	240	26608
6/17/25 14:09	22:54	7	40	280	26888
6/17/25 14:09	23:05	9	40	360	27248
6/17/25 14:10	23:16	6	40	240	27488
6/17/25 14:10	23:26	6	40	240	27728
6/17/25 14:10	23:37	5	40	200	27928
6/17/25 14:10	23:47	6	40	240	28168
6/17/25 14:10	23:58	5	40	200	28368
6/17/25 14:10	24:08	4	40	160	28528
6/17/25 14:11	24:19	7	40	280	28808
6/17/25 14:11	24:29	6	40	240	29048
6/17/25 14:11	24:41	6	40	240	29288
6/17/25 14:11	24:51	8	40	320	29608
6/17/25 14:11	25:01	6	40	240	29848
6/17/25 14:11	25:12	7	40	280	30128
6/17/25 14:12	25:22	5	40	200	30328
6/17/25 14:12	25:34	9	40	360	30688
6/17/25 14:12	25:46	7	40	280	30968
6/17/25 14:12	25:56	7	40	280	31248
6/17/25 14:12	26:08	9	40	360	31608
6/17/25 14:13	26:20	5	40	200	31808
6/17/25 14:13	26:31	9	40	360	32168
6/17/25 14:13	26:41	8	40	320	32488
6/17/25 14:13	26:52	5	40	200	32688
6/17/25 14:13	27:04	8	40	320	33008
6/17/25 14:13	27:14	6	40	240	33248
6/17/25 14:14	27:24	3	40	120	33368
6/17/25 14:14	27:35	5	40	200	33568
6/17/25 14:14	27:46	7	40	280	33848
6/17/25 14:14	27:57	6	40	240	34088
6/17/25 14:14	28:08	7	40	280	34368
6/17/25 14:15	28:19	6	40	240	34608
6/17/25 14:15	28:30	8	40	320	34928
6/17/25 14:15	28:41	5	40	200	35128
6/17/25 14:15	28:55	6	40	240	35368
6/17/25 14:15	29:07	6	40	240	35608
6/17/25 14:16	29:23	6	40	240	35848
6/17/25 14:16	29:33	7	40	280	36128
6/17/25 14:16	29:44	4	40	160	36288

6/17/25 14:16	29:54	7	40	280	36568
6/17/25 14:16	30:04	4	40	160	36728
6/17/25 14:17	30:16	6	40	240	36968
6/17/25 14:17	30:27	5	40	200	37168
6/17/25 14:17	30:38	7	40	280	37448
6/17/25 14:17	30:49	8	40	320	37768
6/17/25 14:17	31:01	9	40	360	38128
6/17/25 14:17	31:11	9	40	360	38488
6/17/25 14:18	31:22	6	40	240	38728
6/17/25 14:18	31:32	6	40	240	38968
6/17/25 14:18	31:43	6	40	240	39208
6/17/25 14:18	31:54	10	40	400	39608
6/17/25 14:18	32:04	6	40	240	39848
6/17/25 14:19	32:16	6	40	240	40088
6/17/25 14:19	32:28	5	40	200	40288
6/17/25 14:19	32:39	7	40	280	40568
6/17/25 14:19	32:50	5	40	200	40768
6/17/25 14:19	33:02	7	40	280	41048
6/17/25 14:19	33:13	7	40	280	41328
6/17/25 14:20	33:25	7	40	280	41608
6/17/25 14:20	33:36	5	40	200	41808
6/17/25 14:20	33:46	6	40	240	42048
6/17/25 14:20	33:57	7	40	280	42328
6/17/25 14:20	34:09	9	40	360	42688
6/17/25 14:21	34:20	7	40	280	42968
6/17/25 14:21	34:31	4	40	160	43128
6/17/25 14:21	34:41	6	40	240	43368
6/17/25 14:21	34:53	6	40	240	43608
6/17/25 14:21	35:06	7	40	280	43888
6/17/25 14:22	35:18	4	40	160	44048
6/17/25 14:22	35:28	5	40	200	44248
6/17/25 14:22	35:39	8	40	320	44568
6/17/25 14:22	35:50	7	40	280	44848
6/17/25 14:22	36:01	4	40	160	45008
6/17/25 14:22	36:11	4	40	160	45168
6/17/25 14:23	36:23	6	40	240	45408
6/17/25 14:23	36:34	5	40	200	45608
6/17/25 14:23	36:44	3	40	120	45728
6/17/25 14:23	36:55	6	40	240	45968
6/17/25 14:23	37:05	7	40	280	46248

6/17/25 14:24	37:17	5	40	200	46448
6/17/25 14:24	37:27	6	40	240	46688
6/17/25 14:24	37:37	6	40	240	46928
6/17/25 14:24	37:49	7	40	280	47208
6/17/25 14:24	38:02	7	40	280	47488
6/17/25 14:24	38:12	6	40	240	47728
6/17/25 14:25	38:23	6	40	240	47968
6/17/25 14:25	38:33	6	40	240	48208
6/17/25 14:25	38:45	5	40	200	48408
6/17/25 14:25	38:56	6	40	240	48648
6/17/25 14:25	39:07	4	40	160	48808
6/17/25 14:26	39:18	7	40	280	49088
6/17/25 14:26	39:29	6	40	240	49328
6/17/25 14:26	39:41	5	40	200	49528
6/17/25 14:26	39:51	6	40	240	49768
6/17/25 14:26	40:01	6	40	240	50008
6/17/25 14:26	40:13	6	40	240	50248
6/17/25 14:27	40:23	4	40	160	50408
6/17/25 14:27	40:33	8	40	320	50728
6/17/25 14:27	40:44	5	40	200	50928
6/17/25 14:27	40:55	6	40	240	51168
6/17/25 14:27	41:08	8	40	320	51488
6/17/25 14:28	41:19	8	40	320	51808
6/17/25 14:28	41:30	7	40	280	52088
6/17/25 14:28	41:41	5	40	200	52288
6/17/25 14:28	41:52	6	40	240	52528
6/17/25 14:28	42:05	6	40	240	52768
6/17/25 14:28	42:15	4	40	160	52928
6/17/25 14:29	42:29	4	40	160	53088
6/17/25 14:29	42:42	3	40	120	53208
6/17/25 14:29	42:52	6	40	240	53448
6/17/25 14:29	43:05	6	40	240	53688
6/17/25 14:30	43:16	5	40	200	53888
6/17/25 14:30	43:26	5	40	200	54088
6/17/25 14:30	43:37	4	40	160	54248
6/17/25 14:30	43:48	5	40	200	54448
6/17/25 14:30	44:01	5	40	200	54648
6/17/25 14:30	44:12	4	40	160	54808
6/17/25 14:31	44:22	8	40	320	55128
6/17/25 14:31	44:35	5	40	200	55328

6/17/25 14:31	44:46	7	40	280	55608
6/17/25 14:31	44:57	7	40	280	55888
6/17/25 14:31	45:07	7	40	280	56168
6/17/25 14:32	45:18	7	40	280	56448
6/17/25 14:32	45:28	4	40	160	56608
6/17/25 14:32	45:39	5	40	200	56808
6/17/25 14:32	45:50	5	40	200	57008
6/17/25 14:32	46:01	5	40	200	57208
6/17/25 14:32	46:11	5	40	200	57408
6/17/25 14:33	46:23	2	40	80	57488
6/17/25 14:33	46:34	2	40	80	57568
6/17/25 14:33	46:47	4	40	160	57728
6/17/25 14:33	46:58	5	40	200	57928
6/17/25 14:33	47:08	4	30	120	58048
6/17/25 14:34	47:19	4	30	120	58168
6/17/25 14:34	47:32	3	30	90	58258
6/17/25 14:34	47:45	2	30	60	58318
6/17/25 14:34	47:56	2	30	60	58378
6/17/25 14:34	48:08	6	30	180	58558
6/17/25 14:35	48:23	1	30	30	58588
6/17/25 14:35	48:39	5	30	150	58738
6/17/25 14:35	48:53	3	30	90	58828
6/17/25 14:35	49:04	7	30	210	59038
6/17/25 14:35	49:15	3	30	90	59128
6/17/25 14:36	49:27	5	30	150	59278
6/17/25 14:36	49:40	4	30	120	59398
6/17/25 14:36	49:56	4	30	120	59518
6/17/25 14:36	50:07	3	30	90	59608
6/17/25 14:37	50:21	3	30	90	59698
6/17/25 14:37	50:23	1	30	30	59728