



ST IVES TOWN
HILLRISE 20 ZONE
ACROSS
THORNDOWN SCHOOL

9-17 SEPT 2023
(Houghton Rd Reopened)
ARMADILLO LOGGER
LOCATED HERE
(Facing uphill)
Downhill Traffic
Detected Here

CRW TRAFFIC ANALYSIS REPORT FROM MICK GEORGE ARMADILLO TRAFFIC LOGGER©

For Project: LogSTIVES-HRise20-Sep23
 Location/Name: Uphill on approach to the raised School Zebra Crossing
 Traffic Report From 9/9/2023 3:42 PM through 17/9/2023 12:55 PM 8 days

Complied by



85th Percentile Speed 31 mph
 85th Percentile Vehicles 15,043 counts
 Max Speed 65.0 mph on Thursday 14/9/2023 3:42 PM
 Total Vehicles 17,698 count
 AADT: 2,245 vehicles per day uphill on average

Volumes	Time	5 Day	7 Day
Average Daily		2,512	2,161
AM peak	8:00 to 9:00	195	174
PM peak	5:00 to 6:00	250	207

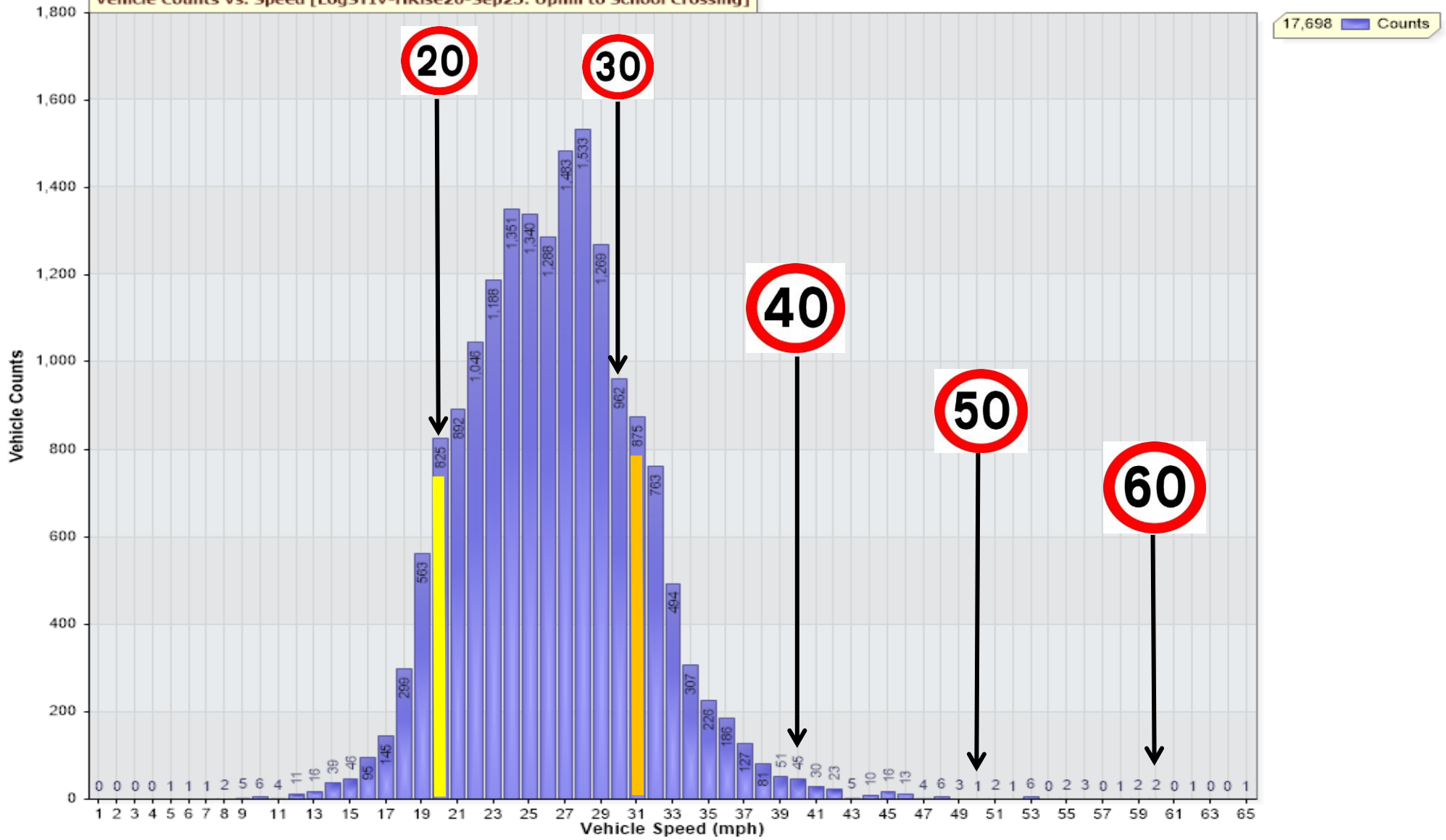
Speed
 Speed limit: 20 mph
 85th Percentile Speed: 31 mph
 Average Speed: 25.3 mph

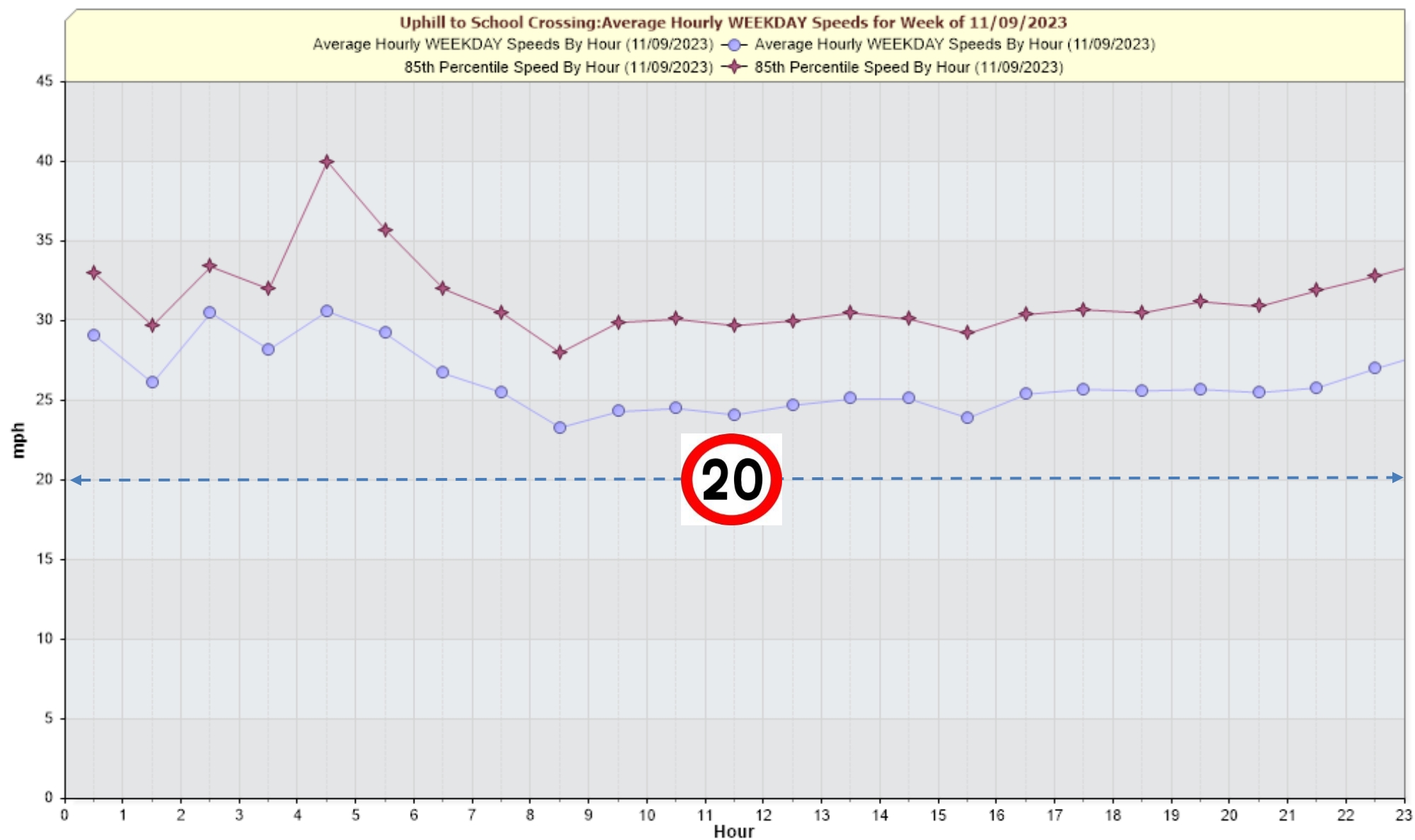
Analysis	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Totals
Count over 20 limit	2,152	2,119	2,268	2,220	2,198	2,596	2,086	15,639
% over 20 limit	87.7	87.1	85.7	87.4	88.3	91.1	91.2	88.4 %
Avg speed over 20	27.1	27.2	27.0	27.3	27.0	27.6	28.1	27.3 mph
% over 24mph = 10%+2	61.7	59.5	58.1	62.4	60.2	68.1	71.9	63.1 %

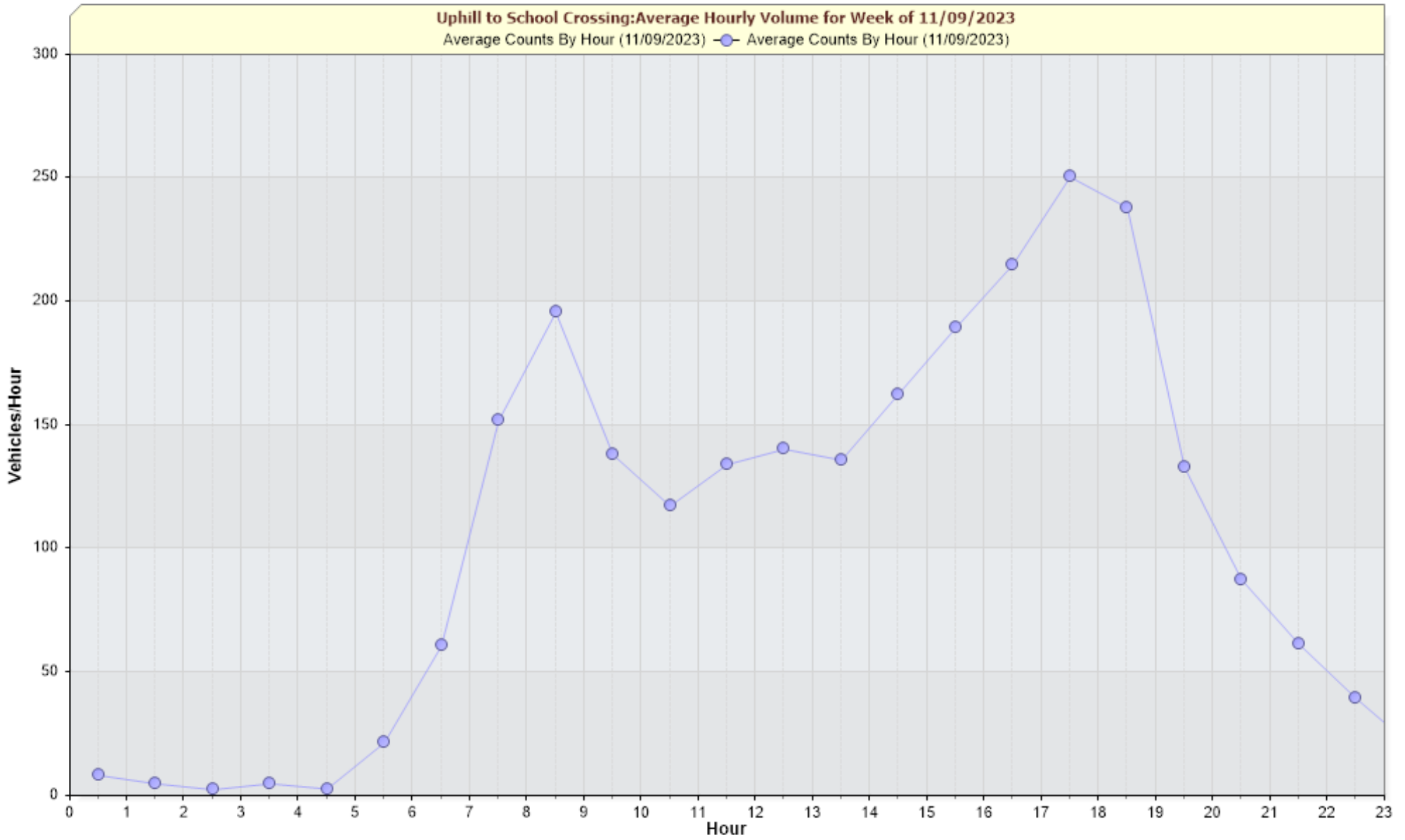
Class counts	Number	%
VEH_SM	62	0.4
VEH_MED	17,042	96.3
VEH_LG	594	3.4

[VEH_SM = motorcycle or small car, VEH_MED = sedan or van, VEH_LG = truck or large van]

Vehicle Counts Vs. Speed [LogSTIV-HRise20-Sep23: Uphill to School Crossing]







85th percentile speeds, counts and total counts by day:

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	% over 20 mph
10/09/2023 00:00:00	32.0	572	673	48	64.3%
11/09/2023 00:00:00	32.0	1348	1586	60	66.1%
12/09/2023 00:00:00	31.0	2086	2454	51	53.8%
13/09/2023 00:00:00	31.0	2067	2432	55	52.4%
14/09/2023 00:00:00	31.0	2250	2647	60	50.1%
15/09/2023 00:00:00	31.0	2160	2541	65	54.6%
16/09/2023 00:00:00	31.0	2115	2488	62	52.5%
17/09/2023 00:00:00	31.0	1850	2176	59	59.9%
17/09/2023 12:55:05	31.0	596	701	53	59.9%



CRW TRAFFIC ANALYSIS REPORT FROM MICK GEORGE ARMADILLO DATA LOGGER©

For Project: LogSTIVES-HRise20-Sep23 (Logger facing downhill traffic)
 Location/Name: Downhill From School @ 21 Hillrise/Ansley Way Junction
 Traffic Report From 9/9/2023 3:42 PM through 17/9/2023 12:55 PM 8 days
 (After Houghton Rd was re-opened post roadworks and diversion)

Compiled by



85th Percentile Speed 32 mph
 85th Percentile Vehicles 15,317 counts
 Max Speed 52.0 mph on 14/9/2023 6:52:27 AM
 Total Vehicles 18,020 count
 AADT: 2,286 vehicles downhill per day on average

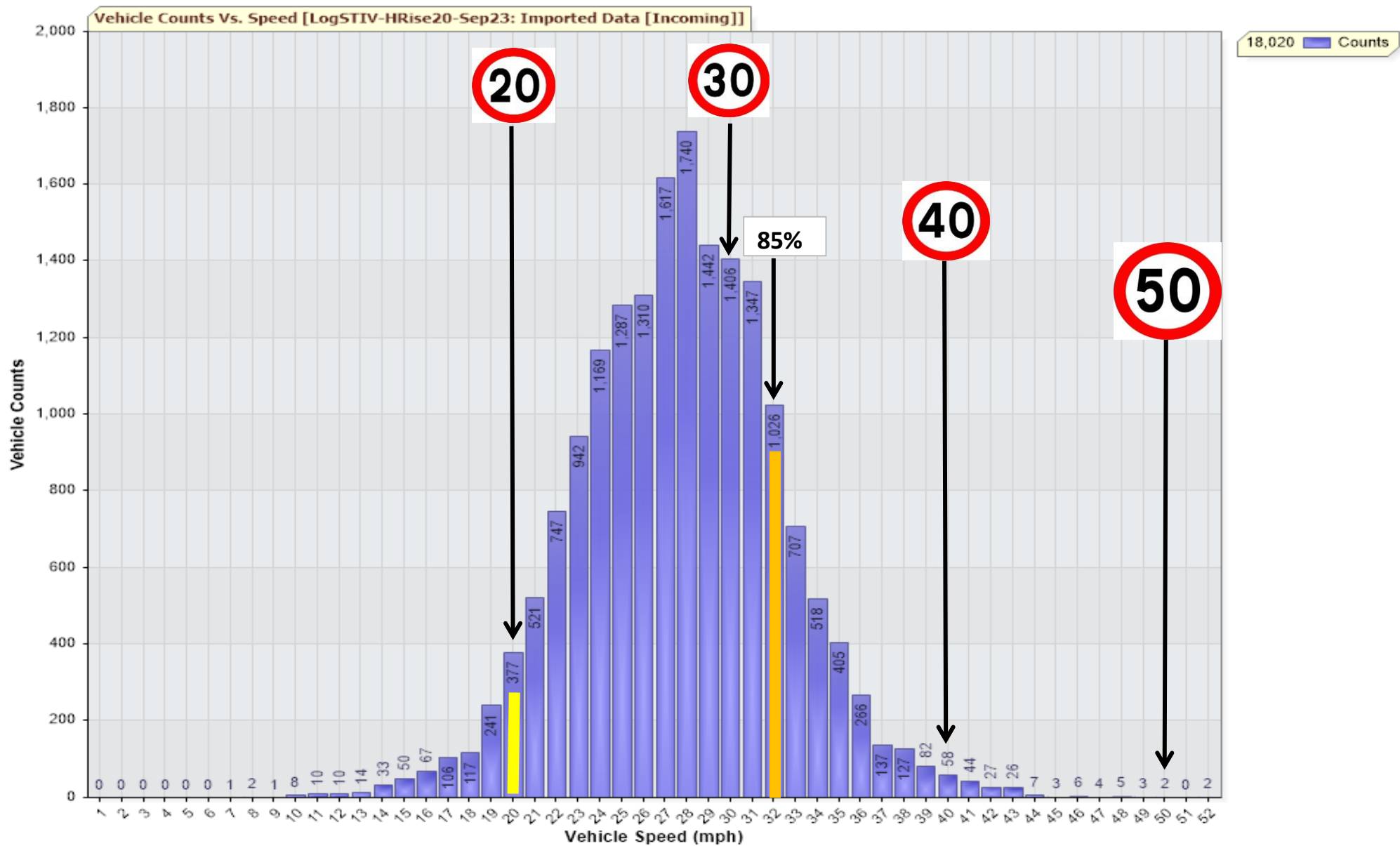
Volumes	Time	5 Day	7 Day
Average Daily		2,540	2,194
AM peak	8:00 to 9:00	217	186
PM peak	5:00 to 6:00	220	186

Speed
 Speed limit: 20 mph
 85th Percentile Speed: 32 mph
 Average Speed: 26.7 mph

Analysis	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Totals
Count over 20 limit	2,217	2,239	2,570	2,455	2,413	2,762	2,327	16,983
% over 20 limit	93.8	93.2	93.5	94.1	93.6	95.4	96.0	94.2 %
Avg speeder	27.9	28.1	27.9	28.3	28.1	28.4	29.0	28.2 mph
% over 24 mph (10%+2)	72.8	74.4	71.9	75.6	73.7	77.9	82.1	75.5 %

Class counts	Number	%
VEH_SM	9	0.1
VEH_MED	16,936	94.0
VEH_LG	1075	6

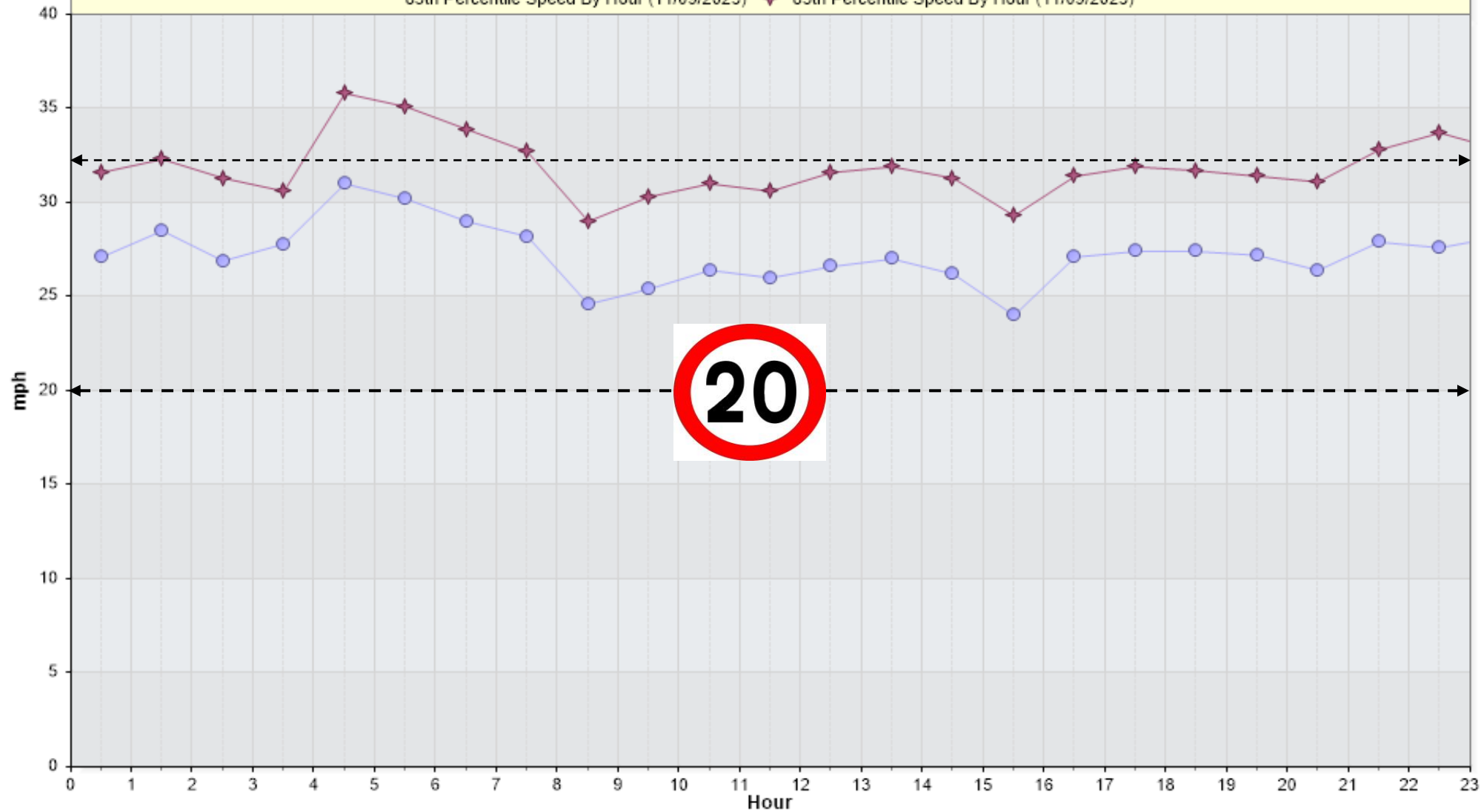
[VEH_SM = motorcycle or small car, VEH_MED = sedan or van, VEH_LG = truck or large van]

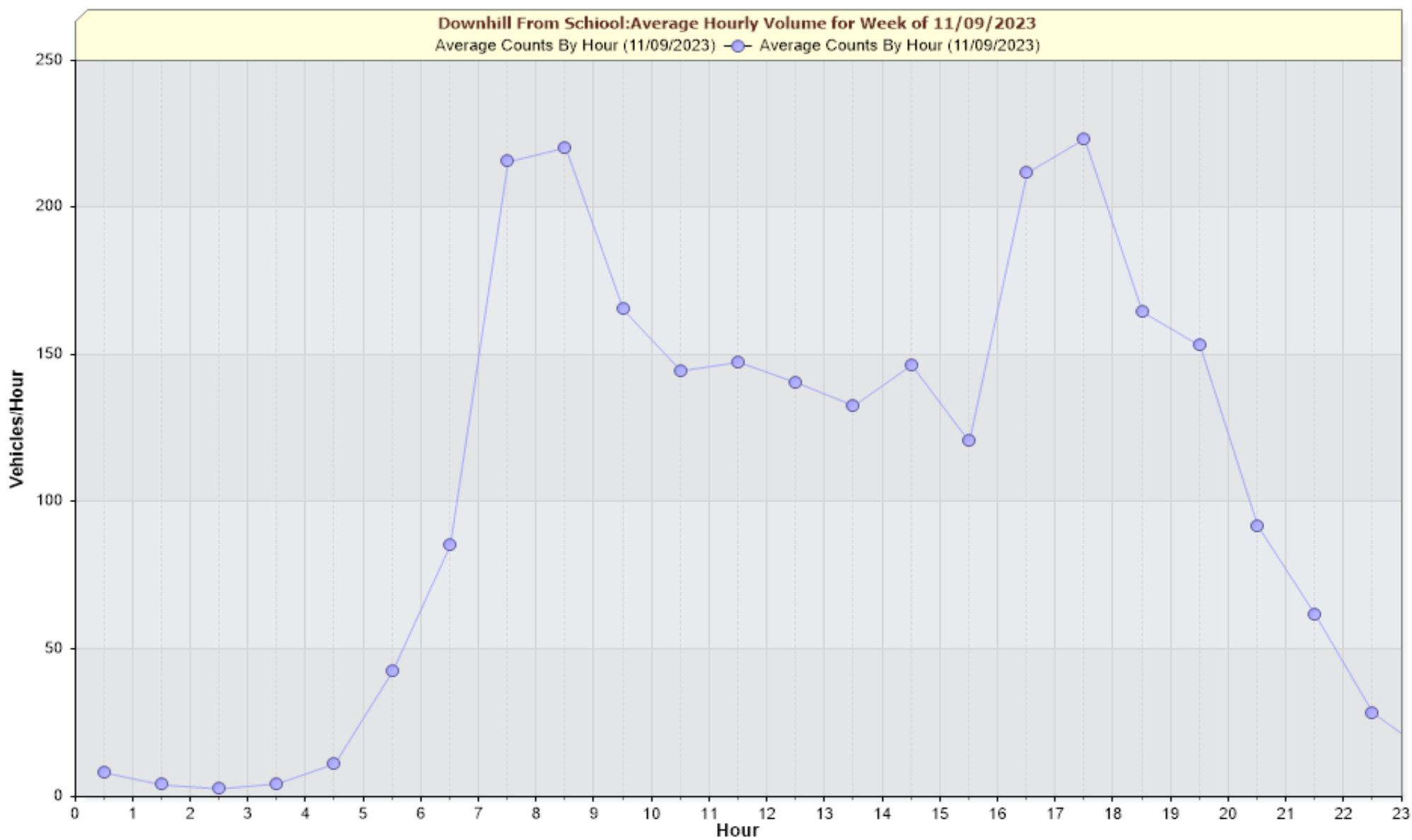


Downhill From School: Average Hourly WEEKDAY Speeds for Week of 11/09/2023

Average Hourly WEEKDAY Speeds By Hour (11/09/2023)

85th Percentile Speed By Hour (11/09/2023)





85th percentile speeds, counts and total counts by day:

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Over 20 mph
10/09/2023 00:00:00	33.0	473	556	48	28.1	92.8%
11/09/2023 00:00:00	33.0	1360	1600	50	28.3	95.0%
12/09/2023 00:00:00	32.0	2009	2364	49	27.1	90.3%
13/09/2023 00:00:00	32.0	2043	2403	48	27.4	90.2%
14/09/2023 00:00:00	32.0	2337	2749	44	27.2	89.7%
15/09/2023 00:00:00	32.0	2218	2609	52	27.5	91.5%
16/09/2023 00:00:00	32.0	2191	2578	52	27.4	90.2%
17/09/2023 00:00:00	32.0	1987	2338	48	27.5	93.3%
17/09/2023 12:55:28	32.0	700	823	45	27.8	93.2%