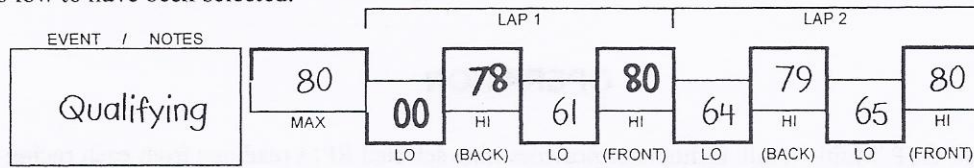


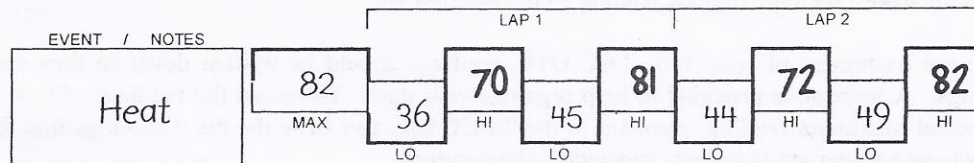
EXAMPLES

Qualifying On a two lap qualifying sequence with no warm-up lap, it is sometimes possible to correlate the data to the track by knowing where the car began its run. Since the car crosses start/finish three times (green, white, checkered) part of the run may not show in the data. If the driver backs off when getting the checkered, that half lap would not be selected because the high reading would be too low to have been selected.



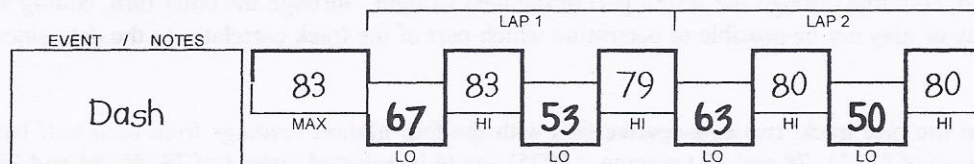
Note the 1st low reading is a '00', the result of the car being pushed off and accelerating to the next turn without slowing down to record a low reading. If the car is still accelerating through the next turn without slowing down, this turn may not be recorded in the data either (the car must slow at least 600 RPM to record a low number). In this instance the car was started in turn 4 and accelerated through 1 and 2. Therefore the 1st high reading had to have come from the backstretch.. The 2nd high reading would be on the frontstretch, and so on.

Slick Spot:



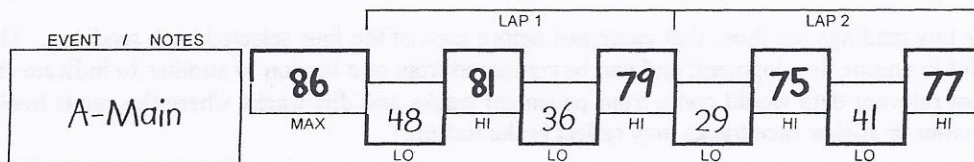
This particular track had a slick spot in the middle of the back straight where the transporters had crossed the track. The 2nd and 4th high readings are about 1000 more than the 1st and 3rd ones (every other high or low reading should come from the same straight or turn on the track). This demonstrates that the Maximum reading would not tell you what the motor was turning at the end of the straight, showing only what it turned at the slick spot.

Slow Turn If the car is having trouble with one turn, the readings could look like these:



The 1st and 3rd low readings are over 1000 RPM higher than the 2nd and 4th. If improvements in handling were made a comparison to the low readings of a later session might show the difference.

Maximum RPM Not Selected Here the Maximum reading is higher than the lap readings. If the engine was turning higher RPM more often, laps with higher readings would have been selected.



Brake Lock Here the 3rd Low reading is extremely low. The car was observed locking the wheels going into the turn.

