



Mercedes-Benz

Mercedes-Benz
Research & Development
North America, Inc.
A Daimler Company

Disengagements of Autonomous Vehicle System

Report period Dec 1, 2015 – Nov 30, 2016

Vehicle: WDF44781313024459

Month	Miles driven in autonomous mode	Number of automatic disengagements	Number of manual disengagements
Feb 2016	5.31	18	5
Mar 2016	79.54	67	58
Apr 2016	68.35	48	44
Sep 2016	88.19	6	18
Oct 2016	172.87	5	22
Nov 2016	259.15	9	36
Total	673.42	153	183

- Driver reaction time on average < 1 second, but measured time can be longer in cases where no immediate action is required
- All reported miles driven on urban streets (no highway driving)
- Only about 5% of miles driven under rainy conditions, rain was never reason for disengagement
- All other registered vehicles were only driven on closed tracks or outside of California or in manual mode for data collection
- Automatic disengagements happen due to technology evaluation management
- Manual disengagements happen due to driver feeling uncomfortable

