

# Perth, run 2 → delay = 73

gtu\_time 1571512400 cpu\_time 1571512403 entry\_time 1571512327

# Dar el Salaam, run 4, dubious point → delay = 103

gtu\_time 1573067022 cpu\_time 1573067024 entry\_time 1573066919

# Donieck, run 5 → delay = 118

gtu\_time 1574187823 cpu\_time 1574187825 entry\_time 1574187705 → 118

# Shanghai run 5

gtu\_time 1574188876 cpu\_time 1574189898 entry\_time 1574188759 → 117

# Saskatoon run 5

gtu\_time 1574227092 cpu\_time 1574227591 entry\_time 1574226973 → 119

# Kalkata run 6 → delay = 128

gtu\_time 1574879800 cpu\_time 1574879804 entry\_time 1574879672 ->128

# Cape Coral, Florida run 6

gtu\_time 1574918745 cpu\_time 1574918751 entry\_time 1574918615 → 130

# Alexandria run 7 → delay = 139

gtu\_time 1575570364 cpu\_time 1575570366 entry\_time 1575570225

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From fit:

$$\text{delay} = (\text{gtu\_time} - 1571512327) * 0.999983972078 - 74.8958791547 + 1571512327 - \text{gtu\_time} = \text{entry\_time} - \text{gtu\_time}$$

$$\text{entry\_time} = (\text{gtu\_time} - 1571512327) * 0.999983972078 - 74.8958791547 + 1571512327$$

Summarizing:

$$\text{entry\_time} = \text{gtu\_time} * \text{time\_cor\_a} + \text{time\_cor\_b}$$

$$\text{delay} = \text{entry\_time} - \text{gtu\_time} = \text{gtu\_time} * \text{time\_cor\_a} + \text{time\_cor\_b} - \text{gtu\_time} = \text{gtu\_time} * 0.999983972078 + 25113.18039870262 - \text{gtu\_time}$$

where

$$\text{time\_cor\_a} = 0.999983972078$$

$$\text{time\_cor\_b} = 25113.18039870262$$

Run 1: Mon, 07 Oct 2019 23:59:00 → 1570492740 → delay = 58.6 → 59

Run 3: Fri, 25 Oct 2019 23:59:00 → 1572047940 → delay = 83.5 → 84

Run 8: Mon, 30 Dec 2019 23:59:00 → 1577750340 → delay = 174.9 → 175