Intrastate vs Interstate Barrel Miles

For each shipping transaction generated by SCADA a record is added to a “transactions” table in our Explorer database. Each transaction contains information about the origin, destination, and connection point among other things. For a given date range the barrel mile report will determine the “intra” or “inter” state classification for each of these transactions.

A transaction originates in Texas if the origin field is populated with:

('PTA','PAS','PTN','ALD','NPA','HOU','FNA','GVL','ARL','CED', 'ADN')

It is considered intrastate if the destination is in Texas as well. These are our Texas locations:

('HT','HU','IR','GR','GL','DF','FM','DT','AR','AF','FA','FB','IA','RA','RB','BA','HN','NP','RF','WA','FW','GP','GV','LA','WN','AA','FH')

If the destination is NOT in this list then the transaction is interstate. The logic is identical for each of the states through which we ship.

A list of these location abbreviations and definitions can be found at the end of this write up.

These transactions are then compared to the “mileage” table, and example of which can be found below. The total miles (determined by GIS) are found here, and the transaction data is matched based on origin and location.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Origin*** | ***Location*** | ***ConnectionPoint*** | ***TotalMiles*** | ***LA*** | ***TX*** | ***OK*** | ***MO*** | ***IL*** | ***IN*** |
| ADN | HT | SPL | 103.34 | 0 | 103.34 | 0 | 0 | 0 | 0 |
| ALD | AA | HRL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALD | AF | DFL | 267.94 | 0 | 267.94 | 0 | 0 | 0 | 0 |
| ALD | AR | DFL | 269.53 | 0 | 269.53 | 0 | 0 | 0 | 0 |
| ALD | CL | BGP | 1122.38 | 0 | 303.67 | 268.5 | 294.35 | 232.59 | 23.27 |
| ALD | DT | MGP | 287.89 | 0 | 287.89 | 0 | 0 | 0 | 0 |
| ALD | DT | MTV | 287.89 | 0 | 287.89 | 0 | 0 | 0 | 0 |
| ALD | ES | 2BE | 883.53 | 0 | 299.59 | 268.19 | 293.98 | 21.77 | 0 |
| ALD | ES | PHI | 883.53 | 0 | 299.59 | 268.19 | 293.98 | 21.77 | 0 |

**Location Abbreviation Dictionary**

Location Facility Description

A PTA PT.ARTHUR-28" ORIG.

AA ALD 10" incoming from HRC

AB ALD 12" incoming from HRC

AC ALD 16" incoming from HRC

AD ADN Aldine

AF ARL Arlington 8" Direct Fuels

AR ARL Arlington 10" delivery

AT PTA PT.ARTHUR-14" TKG.

B GAL GALENA PARK-12" ORG.

BK HMD HM-BUCKEYE P/L DELY

BR BRN Bryan delivery

C WDR WOODRIVER/CL-14"

CB CED CEDAR BYOU

CL HMD Citgo Leased Storage

D GRP GRAPEVINE-8" ORIGIN

DF DFW DFW-8" ALLIED DELY

DT DAL Dallas Station-12" Del.

E WDR WOODRIVER-12" ORIG.

EC HMD BADGER P/L DELY.

ES ESL E.ST.LOUIS-14"DELY.

F HMD Hammond #3 Origin.M58

FA FOR 3" Fort Worth Delivery

FB FOR 6" Fort Worth Delivery

FH FNA Houston DELY 24"

FI FNA BIO INJECTION

FM FWM FORT WORTH DELY

FN FNA FAUNA RECEIPT

FW FWT FORT WORTH TERMINAL

G GVL GREENVILLE-12" ORG.

GA GRP Grapevine

GF GRF GRIFFITH-24" DELY.

GL GVL GREENVILLE-28" C/D.

GN GRP GRAPEVINE-12" TKG.

GP GAL GALENA PARK-12" DEL.

GR GRP GRAPEVINE-12" C.DEL.

GT GLN GLENPOOL-28" TKG.

GV GVL GREENVILLE-28" TKG.

H HMD HAMMOND-#1 ORIG.M-50

H1 HMD HMD PUMP 1 TMX

H2 HMD HMD PUMP 2 TMX

H3 HMD HMD PUMP 3 TMX

HC HMD HAMMOND DELY. M-50

HF HMD HAMMOND-DELY.M-58

HL HMD HAMMOND-24"DIR.DELY.

HM HMD HAMMOND-24"TKG.DELY.

HN NHO North Houston delivery

HS HMD HAMMOND-DELY. M-54

HT HRT HEARNE

HU HOU HOUSTON-28" LOC.DELY

HX HMD HAMMOND-PH NC TMX

IA ARL Arlington 8" from EPL IRV

IR IRV IRVING-12" DELIVERY

IW IRW IRWIN CONNECTION

L LCH LAKE CHAS.-12" ORIG.

LA LCR Waco delivery to TUFCO

LO ??? Loss Allowance

M GLN GLENPOOL-28" ORIGIN

MI MTV Mt. Vernon, IN- EQU JOINT

MJ MTV MT.VERNON/WMS. JOINT

MN MAN Manhattan Meter

MV MTV MT.VERNON/WMS. AGREEMENT

N PTN PT.NECHES-12" ORIG.

NP NPA Kinder Morgan at GPk

O HOU HOUSTON-28" ORIGIN

P PAS PASADENA-28" ORIGIN

PE PEO PEOTONE

PN PTN PT. NECHES-12" DELY

PR STP ST. PETERS DELY

R WDR WOODRIVER-14"ORIGIN

RA ARL Arlington 8" to Euless

RB ARL Arlington 8" to IRV Jct

RC ARL Arlington 3" to FOR

RD ARL Arlington 6" to FOR

RF ARL Arlington 10" Drct Fuels

RL WDR WOODRIVER 24" DEL

S HMD HAMMOND-#2 ORG.M-54

SL STL ST. LOUIS-14" DELY.

T TUL TULSA-24" ORIGIN

TJ GLN WILLIAMS PL JOINT

TL GLN GLENPOOL-28" L.DELY

TM HMD HAMMOND NC TMX DELY

TO HMD HAMMOND CUST.TMX DEL

TW TUW GLENPOOL-28" WMS.P/L

V GVL GREENVILLE-28" ORIG.

W WDR WOOD RIVER-24" ORIG.

WA WAC Waco Delivery to terminal

WG WTG WMS./GLENPOOL SUN

WL WDR WOOD RIVER-12" DELY.

WN WYN Wynnewood from Fauna

WS HMD WEST SHORE P/L DELY.

WT WDR WOODRIVER-24" TK DEL.

WV HMD WOLVERINE P/L DELY.

X GVL GREENVILLE-28" BYPASS

Y WDR WOODRIVER-24" BYPASS