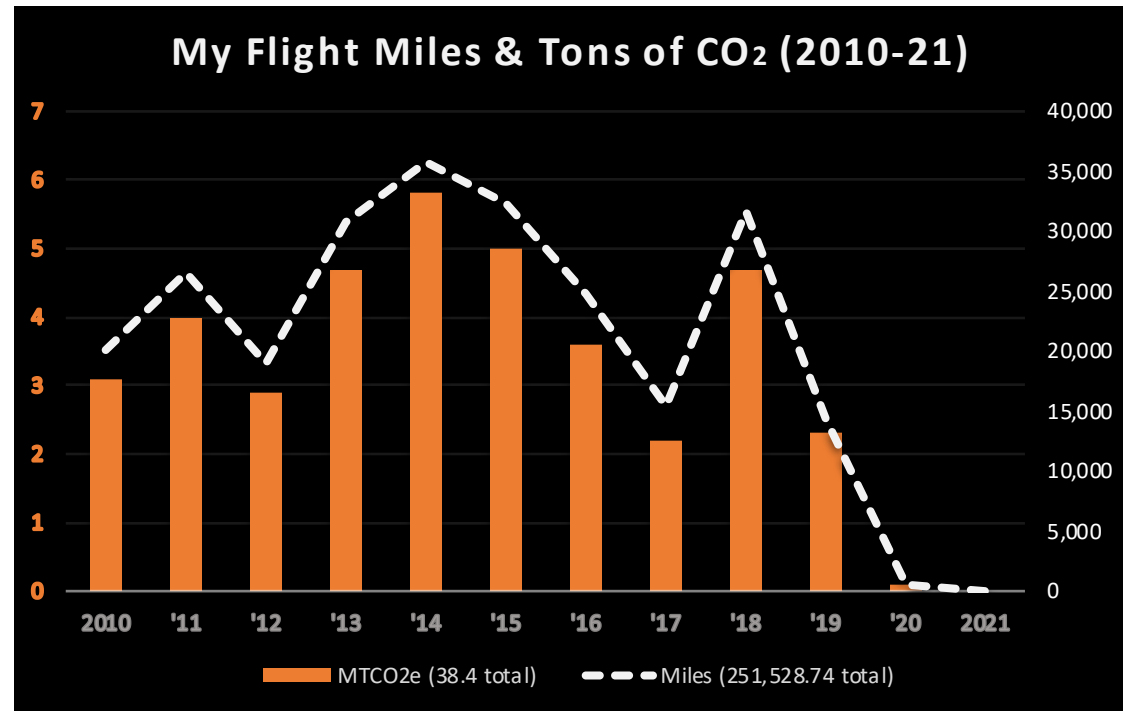


	MTCO ₂ e (3 Miles (251,5	
2010	3.1	20177.69
'11	4	26586.388
'12	2.9	19064.503
'13	4.7	30691.819
'14	5.8	35772.129
'15	5	32271.658
'16	3.6	24878.678
'17	2.2	15485.066
'18	4.7	31703.287
'19	2.3	14419.328
'20	0.1	478.19177
2021	0	0
TOTAL	38.4	251,528.74



First update, October 2021.

Basic methods:

I provide all flights taken between January 2010 and January 2020, using www.distance.to (bulk option) to calculate flight miles. I used the EPA's simplified GHG Emissions Calculator: www.epa.gov/climateleadership/simplified-ghg-emissions-calculator. I used the SGEC section on business travel and calculated emissions for different length flight categories, converting to MTCO₂e

I commit to 1) halving these on triannual averages and 2) updating these data at least triannually (ideally more frequently).

Date	START	END	Miles	CO2 Emissio	CH4 Emissio	N2O Emissions (g)
30-Apr-10	RDU	PIT	328.297772	43.0070081	0.19697866	1.37885064
2-May-10	PIT	RDU	328.297772	43.0070081	0.19697866	1.37885064
23-Jun-10	CRW	CLT	221.214915	45.5702725	1.5706259	1.43789695
23-Jun-10	CLT	YYZ	588.906628	77.1467682	0.35334398	2.47340784
27-Jun-10	YYZ	LHR	3546.20243	570.938591	2.12772146	18.0856324
10-Jul-10	FCO	CTA	335.040497	43.8903052	0.2010243	1.40717009
10-Jul-10	LHR	FCO	897.189994	117.531889	0.538314	3.76819798
18-Jul-10	CTA	FCO	335.040497	43.8903052	0.2010243	1.40717009

22-Jul-10	LGW	MAN	176.047971	36.265882	1.24994059	1.14431181
22-Jul-10	FCO	LGW	873.411092	114.416853	0.52404666	3.66832659
26-Jul-10	MAN	LHR	150.875931	31.0804418	1.07121911	0.98069355
26-Jul-10	LHR	YYZ	3546.20243	570.938591	2.12772146	18.0856324
13-Aug-10	CLT	RDU	129.563338	26.6900477	0.9198997	0.8421617
13-Aug-10	CRW	CLT	221.214915	45.5702725	1.5706259	1.43789695
6-Oct-10	GSO	CLT	83.1694115	17.1328988	0.59050282	0.54060117
6-Oct-10	CLT	CRW	221.214915	45.5702725	1.5706259	1.43789695
14-Oct-10	DCA	GSO	247.951515	51.0780122	1.76045576	1.61168485
14-Oct-10	CRW	DCA	248.133977	51.1155993	1.76175124	1.61287085
3-Nov-10	ORD	IND	177.460888	36.5569428	1.2599723	1.15349577
3-Nov-10	GSO	ORD	589.35347	77.2053046	0.35361208	2.47528458
7-Nov-10	IND	ORD	177.460888	36.5569428	1.2599723	1.15349577
7-Nov-10	ORD	MSY	838.385915	109.828555	0.50303155	3.52122084
10-Nov-10	MSY	LAX	1667.05095	218.383674	1.00023057	7.00161398
14-Nov-10	IAD	GSO	239.095886	49.2537525	1.69758079	1.55412326
14-Nov-10	LAX	IAD	2282.9393	299.065048	1.36976358	9.58834505
22-Nov-10	GSO	CLT	83.1694115	17.1328988	0.59050282	0.54060117
22-Nov-10	CLT	CRW	221.214915	45.5702725	1.5706259	1.43789695
22-Dec-10	CRW	ORD	415.837621	54.4747283	0.24950257	1.74651801
22-Dec-10	ORD	YYZ	435.179443	57.008507	0.26110767	1.82775366
27-Dec-10	IAD	CRW	226.670807	46.6941862	1.60936273	1.47336025
27-Dec-10	YYZ	IAD	345.894066	45.3121226	0.20753644	1.45275508
4-Jan-11	CLT	GSO	83.1694115	17.1328988	0.59050282	0.54060117
4-Jan-11	CRW	CLT	221.214915	45.5702725	1.5706259	1.43789695
3-Feb-11	GSO	LGA	460.489055	60.3240662	0.27629343	1.93405403
6-Feb-11	LGA	GSO	460.489055	60.3240662	0.27629343	1.93405403
13-Apr-11	RDU	EWR	416.297739	54.5350039	0.24977864	1.74845051
13-Apr-11	EWR	RDU	416.297739	54.5350039	0.24977864	1.74845051
31-May-11	LGA	RDU	430.61586	56.4106777	0.25836952	1.80858661
3-Jun-11	RDU	LGA	430.61586	56.4106777	0.25836952	1.80858661
9-Jun-11	LGA	YYZ	356.142045	46.6546079	0.21368523	1.49579659
9-Jun-11	GSO	LGA	460.489055	60.3240662	0.27629343	1.93405403

19-Jun-11	YUL	EWR	330.839144	43.3399279	0.19850349	1.38952441
19-Jun-11	EWR	GSO	445.175481	58.317988	0.26710529	1.86973702
21-Jun-11	GSO	PHL	365.133727	47.8325182	0.21908024	1.53356165
21-Jun-11	PHL	IND	586.515153	76.833485	0.35190909	2.46336364
23-Jun-11	PHL	BTV	335.296573	43.9238511	0.20117794	1.40824561
23-Jun-11	IND	PHL	586.515153	76.833485	0.35190909	2.46336364
25-Jun-11	BTV	PHL	335.296573	43.9238511	0.20117794	1.40824561
25-Jun-11	PHL	GSO	365.133727	47.8325182	0.21908024	1.53356165
4-Sep-11	CRW	IAD	226.670807	46.6941862	1.60936273	1.47336025
4-Sep-11	IAD	FCO	4493.54225	723.460302	2.69612535	22.9170655
4-Nov-11	FRA	LHR	406.850046	53.297356	0.24411003	1.70877019
4-Nov-11	FCO	FRA	595.355407	77.9915584	0.35721324	2.50049271
7-Nov-11	LHR	SFO	5353.73884	861.951952	3.2122433	27.3040681
14-Nov-11	CLT	GSO	83.1694115	17.1328988	0.59050282	0.54060117
14-Nov-11	PHL	ROC	257.191746	52.9814997	1.8260614	1.67174635
14-Nov-11	GSO	PHL	365.133727	47.8325182	0.21908024	1.53356165
14-Nov-11	SFO	CLT	2290.98002	300.118383	1.37458801	9.62211609
17-Nov-11	BOS	PHL	279.705783	57.6193913	1.98591106	1.81808759
17-Nov-11	ROC	BOS	342.2168	44.8304008	0.20533008	1.43731056
19-Nov-11	PHL	CRW	355.794496	46.6090789	0.2134767	1.49433688
26-Nov-11	BWI	EWR	168.880084	34.7892974	1.1990486	1.09772055
26-Nov-11	EWR	FCO	4281.43208	689.310566	2.56885925	21.8353036
25-Feb-12	FCO	MUC	453.339852	59.3875206	0.27200391	1.90402738
25-Feb-12	MUC	EWR	4040.75704	650.561883	2.42445422	20.6078609
28-Feb-12	MUC	FCO	453.339852	59.3875206	0.27200391	1.90402738
28-Feb-12	EWR	MUC	4040.75704	650.561883	2.42445422	20.6078609
17-Mar-12	FCO	IST	859.775717	112.630619	0.51586543	3.61105801
26-Mar-12	ADB	FCO	824.19044	107.968948	0.49451426	3.46159985
5-Apr-12	MUC	AMS	412.694285	54.0629514	0.24761657	1.733316
5-Apr-12	FCO	MUC	453.339852	59.3875206	0.27200391	1.90402738
26-Jun-12	FCO	FRA	595.355407	77.9915584	0.35721324	2.50049271
1-Jul-12	BER	FCO	742.97712	97.3300027	0.44578627	3.1205039
6-Aug-12	IAD	CRW	226.670807	46.6941862	1.60936273	1.47336025

6-Aug-12	FCO	IAD	4493.54225	723.460302	2.69612535	22.9170655
25-Oct-12	GSO	CLT	83.1694115	17.1328988	0.59050282	0.54060117
25-Oct-12	CLT	MSY	650.712474	85.2433341	0.39042748	2.73299239
5-Nov-12	CLT	GSO	83.1694115	17.1328988	0.59050282	0.54060117
5-Nov-12	MSY	CLT	650.712474	85.2433341	0.39042748	2.73299239
25-Feb-13	GSO	MIA	712.285853	93.3094467	0.42737151	2.99160058
27-Feb-13	MIA	GSO	712.285853	93.3094467	0.42737151	2.99160058
2-Apr-13	EWR	YYZ	347.324725	45.499539	0.20839483	1.45876384
2-Apr-13	GSO	EWR	445.175481	58.317988	0.26710529	1.86973702
7-Apr-13	YYZ	ORD	435.179443	57.008507	0.26110767	1.82775366
7-Apr-13	ORD	GSO	589.35347	77.2053046	0.35361208	2.47528458
14-Apr-13	GSO	CLT	83.1694115	17.1328988	0.59050282	0.54060117
14-Apr-13	CLT	THL	630.14	82.54834	0.378084	2.646588
17-Apr-13	CLT	GSO	83.1694115	17.1328988	0.59050282	0.54060117
17-Apr-13	THL	CLT	630.14	82.54834	0.378084	2.646588
6-Jun-13	GSO	IAD	239.095886	49.2537525	1.69758079	1.55412326
6-Jun-13	IAD	PDX	2321.60009	373.777614	1.39296005	11.8401604
11-Jun-13	IAD	GSO	239.095886	49.2537525	1.69758079	1.55412326
11-Jun-13	PDX	IAD	2321.60009	304.129611	1.39296005	9.75072036
18-Sep-13	ORD	YYZ	435.179443	57.008507	0.26110767	1.82775366
18-Sep-13	GSO	ORD	589.35347	77.2053046	0.35361208	2.47528458
20-Sep-13	YYZ	EWR	347.324725	45.499539	0.20839483	1.45876384
20-Sep-13	EWR	HKG	8052.92459	1296.52086	4.83175475	41.0699154
28-Sep-13	EWR	GSO	445.175481	58.317988	0.26710529	1.86973702
28-Sep-13	HKG	EWR	8052.92459	1296.52086	4.83175475	41.0699154
6-Oct-13	CLT	GSO	83.1694115	17.1328988	0.59050282	0.54060117
6-Oct-13	BNA	CLT	327.954268	42.962009	0.19677256	1.37740792
7-Oct-13	GSO	CLT	83.1694115	17.1328988	0.59050282	0.54060117
7-Oct-13	CLT	BNA	327.954268	42.962009	0.19677256	1.37740792
7-Nov-13	CLT	PIT	366.689014	48.0362609	0.22001341	1.54009386
10-Nov-13	PIT	CLT	366.689014	48.0362609	0.22001341	1.54009386
21-Dec-13	PHL	YYZ	346.714251	45.4195669	0.20802855	1.45619986
21-Dec-13	GSO	PHL	365.133727	47.8325182	0.21908024	1.53356165

27-Dec-13	YYZ	PHL	346.714251	45.4195669	0.20802855	1.45619986
27-Dec-13	PHL	GSO	365.133727	47.8325182	0.21908024	1.53356165
7-Mar-14	GSO	IAD	239.095886	49.2537525	1.69758079	1.55412326
7-Mar-14	IAD	SFO	2413.03661	388.498894	1.44782197	12.3064867
23-Mar-14	IAD	GSO	239.095886	49.2537525	1.69758079	1.55412326
23-Mar-14	SFO	IAD	2413.03661	388.498894	1.44782197	12.3064867
23-Apr-14	RDU	SFO	2394.32116	385.485706	1.43659269	12.2110379
27-Apr-14	SFO	RDU	2394.32116	385.485706	1.43659269	12.2110379
10-May-14	GSO	IAD	239.095886	49.2537525	1.69758079	1.55412326
10-May-14	IAD	LHR	3667.20145	590.419433	2.20032087	18.7027274
9-Jun-14	FCO	EWR	4281.43208	689.310566	2.56885925	21.8353036
15-Jun-14	LGA	YYZ	356.142045	46.6546079	0.21368523	1.49579659
22-Jun-14	YYZ	EWR	347.324725	45.499539	0.20839483	1.45876384
22-Jun-14	EWR	GSO	445.175481	58.317988	0.26710529	1.86973702
27-Aug-14	GSO	IAD	239.095886	49.2537525	1.69758079	1.55412326
27-Aug-14	IAD	AMS	3856.91471	620.963269	2.31414883	19.670265
3-Sep-14	IAD	GSO	239.095886	49.2537525	1.69758079	1.55412326
3-Sep-14	AMS	IAD	3856.91471	620.963269	2.31414883	19.670265
23-Oct-14	SFO	MFR	329.606765	43.1784862	0.19776406	1.38434841
23-Oct-14	GSO	EWR	445.175481	58.317988	0.26710529	1.86973702
23-Oct-14	EWR	SFO	2559.05828	412.008383	1.53543497	13.0511972
30-Oct-14	PDX	SFO	550.773517	72.1513307	0.33046411	2.31324877
31-Oct-14	SFO	PHL	2515.15682	404.940249	1.50909409	12.8272998
3-Nov-14	PHL	IAD	134.472146	27.7012621	0.95475224	0.87406895
3-Nov-14	IAD	GSO	239.095886	49.2537525	1.69758079	1.55412326
23-Dec-14	GSO	IAD	239.095886	49.2537525	1.69758079	1.55412326
23-Dec-14	IAD	YYZ	345.894066	45.3121226	0.20753644	1.45275508
29-Dec-14	YYZ	EWR	347.324725	45.499539	0.20839483	1.45876384
29-Dec-14	EWR	GSO	445.175481	58.317988	0.26710529	1.86973702
13-Jan-15	EWR	BOS	200.27213	41.2560588	1.42193212	1.30176885
13-Jan-15	GSO	EWR	445.175481	58.317988	0.26710529	1.86973702
17-Jan-15	BOS	EWR	200.27213	41.2560588	1.42193212	1.30176885
17-Jan-15	EWR	GSO	445.175481	58.317988	0.26710529	1.86973702

14-Mar-15	CRW	IAD	226.670807	46.6941862	1.60936273	1.47336025
14-Mar-15	IAD	GSO	239.095886	49.2537525	1.69758079	1.55412326
28-Apr-15	ORD	MSP	333.6737	43.7112547	0.20020422	1.40142954
28-Apr-15	GSO	ORD	589.35347	77.2053046	0.35361208	2.47528458
1-May-15	MSP	ORD	333.6737	43.7112547	0.20020422	1.40142954
1-May-15	ORD	GSO	589.35347	77.2053046	0.35361208	2.47528458
10-May-15	GSO	EWR	445.175481	58.317988	0.26710529	1.86973702
10-May-15	EWR	ARN	3919.10671	630.97618	2.35146402	19.9874442
11-May-15	ARN	TJU	2695.93361	434.045311	1.61756017	13.7492614
16-May-15	EWR	GSO	445.175481	58.317988	0.26710529	1.86973702
16-May-15	HEL	FRA	955.633048	125.187929	0.57337983	4.0136588
16-May-15	FRA	EWR	3859.36137	621.35718	2.31561682	19.682743
7-Jun-15	GSO	EWR	445.175481	58.317988	0.26710529	1.86973702
7-Jun-15	EWR	AMS	3646.49746	587.086091	2.18789848	18.5971371
19-Jun-15	AMS	BLQ	614.203758	80.4606923	0.36852225	2.57965578
13-Jul-15	NAP	MUC	530.394792	69.4817177	0.31823688	2.22765813
13-Jul-15	MUC	YYZ	4126.5018	664.36679	2.47590108	21.0451592
20-Jul-15	BUF	EWR	281.620177	58.0137565	1.99950326	1.83053115
20-Jul-15	EWR	GSO	445.175481	58.317988	0.26710529	1.86973702
26-Sep-15	ORD	SDF	286.73922	59.0682794	2.03584846	1.86380493
26-Sep-15	GSO	ORD	589.35347	77.2053046	0.35361208	2.47528458
28-Sep-15	SDF	ORD	286.73922	59.0682794	2.03584846	1.86380493
28-Sep-15	ORD	GSO	589.35347	77.2053046	0.35361208	2.47528458
3-Dec-15	GSO	ORD	589.35347	77.2053046	0.35361208	2.47528458
3-Dec-15	ORD	AUS	978.389718	128.169053	0.58703383	4.10923681
5-Dec-15	ORD	GSO	589.35347	77.2053046	0.35361208	2.47528458
5-Dec-15	AUS	ORD	978.389718	128.169053	0.58703383	4.10923681
22-Dec-15	BWI	YYZ	346.782644	45.4285264	0.20806959	1.4564871
30-Dec-15	YYZ	ORD	435.179443	57.008507	0.26110767	1.82775366
30-Dec-15	ORD	GSO	589.35347	77.2053046	0.35361208	2.47528458
9-Mar-16	GSO	EWR	445.175481	58.317988	0.26710529	1.86973702
9-Mar-16	EWR	MSY	1166.58121	152.822138	0.69994872	4.89964107
15-Mar-16	IAD	GSO	239.095886	49.2537525	1.69758079	1.55412326

15-Mar-16	MSY	IAD	954.449787	125.032922	0.57266987	4.00868911
26-Apr-16	PHL	BTV	335.296573	43.9238511	0.20117794	1.40824561
26-Apr-16	GSO	PHL	365.133727	47.8325182	0.21908024	1.53356165
28-Apr-16	BTV	PHL	335.296573	43.9238511	0.20117794	1.40824561
28-Apr-16	PHL	GSO	365.133727	47.8325182	0.21908024	1.53356165
29-Apr-16	GSO	IAD	239.095886	49.2537525	1.69758079	1.55412326
30-Apr-16	IAD	GSO	239.095886	49.2537525	1.69758079	1.55412326
22-May-16	GSO	EWR	445.175481	58.317988	0.26710529	1.86973702
22-May-16	EWR	MXP	3999.36507	643.897777	2.39961904	20.3967619
26-Jun-16	ZRH	YYZ	4033.11605	649.331684	2.41986963	20.5688919
3-Jul-16	YYZ	ORD	435.179443	57.008507	0.26110767	1.82775366
3-Jul-16	ORD	GSO	589.35347	77.2053046	0.35361208	2.47528458
15-Sep-16	RDU	BOS	611.746399	80.1387782	0.36704784	2.56933488
18-Sep-16	BOS	RDU	611.746399	80.1387782	0.36704784	2.56933488
3-Nov-16	GSO	ORD	589.35347	77.2053046	0.35361208	2.47528458
3-Nov-16	ORD	YVR	1759.3445	230.47413	1.0556067	7.38924691
6-Nov-16	YVR	SFO	800.766557	104.900419	0.48045993	3.36321954
10-Nov-16	ORD	GSO	589.35347	77.2053046	0.35361208	2.47528458
10-Nov-16	SFO	ORD	1841.7233	241.265753	1.10503398	7.73523787
13-Nov-16	IAD	GSO	239.095886	49.2537525	1.69758079	1.55412326
8-Dec-16	RDU	EWR	416.297739	54.5350039	0.24977864	1.74845051
8-Dec-16	EWR	MSY	1166.58121	152.822138	0.69994872	4.89964107
11-Dec-16	IAD	RDU	224.143815	46.1736259	1.59142109	1.4569348
11-Dec-16	MSY	IAD	954.449787	125.032922	0.57266987	4.00868911
22-Dec-16	BWI	YYZ	346.782644	45.4285264	0.20806959	1.4564871
30-Dec-16	YYZ	RDU	540.74844	70.8380457	0.32444906	2.27114345
21-Feb-17	GSO	CLT	83.1694115	17.1328988	0.59050282	0.54060117
21-Feb-17	CLT	BDL	643.551526	84.30525	0.38613092	2.70291641
22-Feb-17	BDL	PHL	195.527242	40.2786118	1.38824342	1.27092707
22-Feb-17	PHL	GSO	365.133727	47.8325182	0.21908024	1.53356165
2-Mar-17	GSO	CLT	83.1694115	17.1328988	0.59050282	0.54060117
2-Mar-17	CLT	IND	427.541355	56.0079176	0.25652481	1.79567369
5-Mar-17	CLT	GSO	83.1694115	17.1328988	0.59050282	0.54060117

5-Mar-17	IND	CLT	427.541355	56.0079176	0.25652481	1.79567369
18-Jun-17	DFW	TUS	811.313345	106.282048	0.48678801	3.40751605
18-Jun-17	RDU	DFW	1059.13989	138.747326	0.63548393	4.44838754
24-Jun-17	TUS	DFW	811.313345	106.282048	0.48678801	3.40751605
24-Jun-17	DFW	RDU	1059.13989	138.747326	0.63548393	4.44838754
16-Oct-17	GSO	IAD	239.095886	49.2537525	1.69758079	1.55412326
16-Oct-17	IAD	MSP	906.395608	118.737825	0.54383736	3.80686155
18-Oct-17	LGA	GSO	460.489055	60.3240662	0.27629343	1.93405403
18-Oct-17	MSP	LGA	1017.85	133.338349	0.61071	4.27496998
20-Oct-17	GSO	DCA	247.951515	51.0780122	1.76045576	1.61168485
22-Oct-17	DCA	GSO	247.951515	51.0780122	1.76045576	1.61168485
26-Oct-17	CLT	DEN	1334.83254	174.863063	0.80089952	5.60629666
29-Oct-17	DEN	CLT	1334.83254	174.863063	0.80089952	5.60629666
9-Nov-17	PHL	ROC	257.191746	52.9814997	1.8260614	1.67174635
9-Nov-17	GSO	PHL	365.133727	47.8325182	0.21908024	1.53356165
13-Nov-17	ROC	PHL	257.191746	52.9814997	1.8260614	1.67174635
13-Nov-17	PHL	GSO	365.133727	47.8325182	0.21908024	1.53356165
17-Nov-17	RDU	BOS	611.746399	80.1387782	0.36704784	2.56933488
19-Nov-17	BOS	RDU	611.746399	80.1387782	0.36704784	2.56933488
22-Dec-17	CLT	YYZ	588.906628	77.1467682	0.35334398	2.47340784
31-Dec-17	YYZ	CLT	588.906628	77.1467682	0.35334398	2.47340784
23-Feb-18	GSO	DCA	247.951515	51.0780122	1.76045576	1.61168485
24-Feb-18	DCA	GSO	247.951515	51.0780122	1.76045576	1.61168485
6-Apr-18	GSO	CLT	83.1694115	17.1328988	0.59050282	0.54060117
6-Apr-18	CLT	BWI	360.835693	47.2694758	0.21650142	1.51550991
12-Apr-18	RDU	MSY	778.725677	102.013064	0.46723541	3.27064784
15-Apr-18	MSY	RDU	778.725677	102.013064	0.46723541	3.27064784
25-Apr-18	GSO	CLT	83.1694115	17.1328988	0.59050282	0.54060117
25-Apr-18	CLT	CID	741.26388	97.1055683	0.44475833	3.1133083
27-Apr-18	CID	DFW	686.047728	89.8722524	0.41162864	2.88140046
27-Apr-18	DFW	GSO	997.138412	130.625132	0.59828305	4.18798133
24-May-18	RDU	ATL	355.578872	46.5808323	0.21334732	1.49343126
24-May-18	ATL	LAX	1942.2698	254.437344	1.16536188	8.15753316

27-May-18	ATL	BOS	945.450794	123.854054	0.56727048	3.97089333
27-May-18	LAX	ATL	1942.2698	254.437344	1.16536188	8.15753316
27-May-18	BOS	CDG	3438.83814	553.652941	2.06330288	17.5380745
31-May-18	ORY	PSA	517.243956	67.7589582	0.31034637	2.17242462
16-Jun-18	MUC	CDG	423.507978	55.4795452	0.25410479	1.77873351
16-Jun-18	CDG	BOS	3438.83814	553.652941	2.06330288	17.5380745
17-Jun-18	BOS	RDU	611.746399	80.1387782	0.36704784	2.56933488
19-Oct-18	GSO	DCA	247.951515	51.0780122	1.76045576	1.61168485
20-Oct-18	DCA	GSO	247.951515	51.0780122	1.76045576	1.61168485
27-Oct-18	GSO	EWR	445.175481	58.317988	0.26710529	1.86973702
27-Oct-18	EWR	OSL	3686.59358	593.541567	2.21195615	18.8016273
30-Oct-18	EWR	GSO	445.175481	58.317988	0.26710529	1.86973702
30-Oct-18	OSL	EWR	3686.59358	593.541567	2.21195615	18.8016273
14-Nov-18	GSO	ATL	306.091822	40.0980286	0.18365509	1.28558565
14-Nov-18	ATL	ABQ	1266.56295	165.919746	0.75993777	5.31956437
18-Nov-18	ATL	GSO	306.091822	40.0980286	0.18365509	1.28558565
18-Nov-18	ABQ	ATL	1266.56295	165.919746	0.75993777	5.31956437
22-Dec-18	CLT	YYZ	588.906628	77.1467682	0.35334398	2.47340784
31-Dec-18	YYZ	CLT	588.906628	77.1467682	0.35334398	2.47340784
22-Feb-19	GSO	IAD	239.095886	49.2537525	1.69758079	1.55412326
23-Feb-19	IAD	GSO	239.095886	49.2537525	1.69758079	1.55412326
21-Mar-19	CLT	MSY	650.712474	85.2433341	0.39042748	2.73299239
25-Mar-19	MSY	CLT	650.712474	85.2433341	0.39042748	2.73299239
7-Jun-19	GSO	IAD	239.095886	49.2537525	1.69758079	1.55412326
9-Jun-19	IAD	AMS	3856.91471	620.963269	2.31414883	19.670265
16-Jun-19	AMS	BLQ	614.203758	80.4606923	0.36852225	2.57965578
3-Aug-19	FCO	IAD	4493.54225	723.460302	2.69612535	22.9170655
4-Aug-19	IAD	GSO	239.095886	49.2537525	1.69758079	1.55412326
18-Oct-19	GSO	DCA	247.951515	51.0780122	1.76045576	1.61168485
19-Oct-19	DCA	GSO	247.951515	51.0780122	1.76045576	1.61168485
30-Oct-19	RDU	BOS	611.746399	80.1387782	0.36704784	2.56933488
3-Nov-19	BOS	RDU	611.746399	80.1387782	0.36704784	2.56933488
8-Nov-19	GSO	ATL	306.091822	40.0980286	0.18365509	1.28558565

8-Nov-19	ATL	IND	432.639638	56.6757926	0.25958378	1.81708648
9-Nov-19	ATL	GSO	306.091822	40.0980286	0.18365509	1.28558565
9-Nov-19	IND	ATL	432.639638	56.6757926	0.25958378	1.81708648
6-Jan-20	IAD	GSO	239.095886	49.2537525	1.69758079	1.55412326
6-Jan-20	GSO	IAD	239.095886	49.2537525	1.69758079	1.55412326