



#417

IMP H & J

MERGED HOURLY SOLAR WIND PLASMA DATA

72-073A-10B

73-078A-10B

IMP-J

HOURLY AVG SOLAR WIND PLASMA DEN VELOCITY,
PROTON TEMP DATA

73-078A-10D

HIGH RESOLUTION PLASMA DATA, PROMISE PERIOD

73-078A-10E



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1. INTRODUCTION:

The documentation for this data set was originally on paper, kept in NSSDC's Data Set Catalogs (DSCs). The paper documentation in the Data Set Catalogs have been made into digital images, and then collected into a single PDF file for each Data Set Catalog. The inventory information in these DSCs is current as of July 1, 2004. This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system. The information existing in the DSCs is now not needed for locating the data files, but we did not remove that inventory information.

The offline tape datasets have now been migrated from the original magnetic tape to Archival Information Packages (AIP's).

A prior restoration may have been done on data sets, if a requestor of this data set has questions; they should send an inquiry to the request office to see if additional information exists.

2. ERRATA/CHANGE LOG:

NOTE: Changes are made in a text box, and will show up that way when displayed on screen with a PDF reader.

When printing, special settings may be required to make the text box appear on the printed output.

Version	Date	Person	Page	Description of Change
01				
02				

3 LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC
INFORMATION SYSTEM:

<http://nssdc.gsfc.nasa.gov/nmc/>

[NOTE: This link will take you to the main page of the NSSDC Master Catalog. There you will be able to perform searches to find additional information]

4. CATALOG MATERIALS:

- a. Associated Documents To find associated documents you will need to know the document ID number and then click here.
<http://nssdcftp.gsfc.nasa.gov/miscellaneous/documents/>

- b. Core Catalog Materials

IMP-H & J

MERGED HOURLY SOLAR WIND PLASMA

72-073A-10B SPMS-00134

73-078A-10B

THESE DATA SETS HAVE BEEN RESTORED. ORIGINALLY THEY CONTAINED FOUR 7-TRACK, 800 BPI TAPES WRITTEN IN BINARY. THERE IS ONE RESTORED TAPE. THE DR TAPE IS A 3480 CARTRIDGE AND THE DS TAPE IS 9-TRACK, 6250 BPI. THE ORIGINAL TAPES WERE CREATED ON A CDC 6600 COMPUTER AND WERE RESTORED ON AN IBM 9021 COMPUTER. THE DR AND DS NUMBER ALONG WITH THE CORRESPONDING D NUMBERS AND TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR003893	DS003893	D030933	1	01/01/75 - 12/30/75 (a)
		D033019	2	01/03/76 - 12/30/76
		D035179	3	01/01/77 - 12/31/77 (b)
		D043258	4	01/01/78 - 12/31/78 (c)

(a) D30933 - 1 ERROR, REC. 48, FILE 1

(b) D35179 - 3 ERRORS, REC. 29, 38, 50, FILE 1

(c) D43258 - 2 ERRORS, REC. 19, 29, FILE 1

REQ. AGENT

VJP

CMP

VJP

RAND NO.

RC8902

RD1475

V0003

ACQ. AGENT

DJH

IMP-H & J

MERGED HOURLY SOLAR WIND PLASMA

72-073A-10B

73-078A-10B

This data set catalog consists of 4 IMP-H & J tapes. The tapes are 800 BPI, Binary, 7 track with 1 file of data. These tapes were written on a CDC 6600 computer. Description on how to find time on following page along with format and dump.

Time span is as follows:

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-30933	C-19769	01/01/75 - 12/30/75
D-33019	C-20314	01/ ⁰² 20 /76 - 12/30/76
D-35179	C-20823	01/01/77 - 12/31/77
D-43258	C-21330	01/01/78 - 12/31/78

The tape contains one-hour averages of the solar wind proton density, speed, and temperature for all of 1975. The data is derived from the Los Alamos plasma experiments on IMPs 7 and 8 for which Dr. S. J. Bame is the principal investigator. Each record on the tape contains 500 words consisting of 125 repetitions of the sequence: time (YYMMDDHH), Density (particles/cubic centimeter), velocity (Kilometer/sec), and temperature (degrees K). A computer printout of the data is included.

CDC 60 BIT WORD

Take the 1st 4 digits (1st 2 bytes) and subtract 1717_8 , this will tell you how many bits to move over (remember to subtract in Octal).

ex.
$$\begin{array}{r} 1752_8 \\ - 1717_8 \\ \hline 33_8 = 27_{10} \end{array}$$

Then take (in this case) the next 9 digits (27 bits) and convert to decimal

ex. 436110066_8

$67,108,864$

$6,291,456$

$1,572,864$

$32,768$

$4,096$

0

0

18

6

$75\ 01\ 01\ 02_{10}$

(YR,MO,DA,HR)

INPUT TAPE X-397 ON MS5
DATA INPUT 07 NF=1 FL=1=1

PARTICLES/cc

KM/sec

IMP-H+J

1/01/75-12/8

FILE	1	RECORD	TIME	LENGTH	P DEN	5000BYTES	8.6	VEL	479	TEMP	156671	TIME
(0)	175243611005	600000001723	424556701206	075617307367	576523615424	174146177741	307205641752	436110067000				
(48)	000017234050	261202114347	173074210107	712204721741	470603133726	577317524361	100700000000	172343146211				
(96)	173670171730	746650147033	364317415025	136753166567	175243611007	100000001722	754112325734	447317314010				
(144)	007334147270	174146616372	450703101752	436110072000	000017225141	131637273177	173141241015	205641621741				
(192)	433074761240	473717524361	100730000000	172247237727	775024761731	412173157766	421417415002	046741507156				
(240)	175243611007	400000001722	562356540433	435017314127	053420335322	174145721117	465046611752	436110075000				
(288)	000017225246	766165534661	173140210504	217742451740	755111474003	617517524361	100760000000	172247020476				
(336)	521010401731	403740173220	747117407066	514411733200	175243611007	700000001721	761315565422	632717314113				
(384)	771552321062	174063556205	130434701752	436110100000	000017217753	263350202740	173140267376	556346241740				
(432)	543400472431	732717524361	101010000000	172244561757	003646651730	777656255216	715417405761	120413357641				
(480)	175243611010	200000001722	551547175060	706017307607	154632725151	174054611774	445456701752	436110103000				
(528)	000017225455	660167545034	173140307062	420477161740	642744534446	470617524361	101040000000	172250131503				
(576)	110565001730	756277557575	224017405633	045534543161	175243611010	500000001722	461676257017	720317307450				
(624)	100164010374	174055537056	311407161752	436110106000	000017225450	703710671056	173075164021	266527221740				
(672)	542730003031	120517524361	101070000000	172245472773	535762461730	734057701464	042117405126	215347250771				
(720)	175243611011	000000001722	543420075567	154517307206	172553422633	174052703013	171631101752	436110111000				
(768)	000017225257	562341163274	173071005760	753423741740	522154311155	360117524361	101140000000	172245040107				
(816)	156566041730	656321002075	116017376115	720132075512	175243611023	100000001722	412774276650	774617306424				
(864)	637413004053	173753005104	265252351752	436110232000	000017224415	364243625503	173063316125	016770211737				
(912)	470617554413	040017524361	102330000000	172243646476	162422241730	627447066132	661517375207	573533565617				
(960)	175243611023	400000001722	452256026157	316517306177	310124715163	173743011225	143764041752	436110235000				
(1008)	000017225551	412506165175	173062753656	247135701737	465764655352	241017524361	102360000000	172255026046				
(1056)	103420041730	623663404131	257017374405	024063236704	175243611023	700000001722	550410432477	554117306074				
(1104)	077467420321	173677776323	221125101752	436110240000	000017224421	225445362070	173057351550	664726601737				
(1152)	513053561247	653517524361	102410000000	172251447620	302751171730	563342161341	626317374517	647126321020				
(1200)	175243611024	200000001722	554405343045	455217305636	531465127605	173745601765	266260641752	436110243000				
(1248)	000017225657	322212614621	173056137052	543647171737	457007037051	457317524361	102440000000	172260265046				
(1296)	042427361730	545367202552	543317374602	234200115022	175243611024	500000001722	606354666656	315117305370				
(1344)	556577557505	173740516073	175273611752	436110246000	000017227370	313145254644	173055100316	437433201737				
(1392)	541366641704	404717524361	102470000000	172266342351	445371661730	562272117050	262317375020	504130332714				
(1440)	175243611025	000000001723	535426557022	263517305461	373561546231	173757421764	115155401752	436110251000				
(1488)	000017234250	664273134166	173054225657	711205721737	444103060061	650617524361	102520000000	172341142205				
(1536)	403615731730	536564043601	153017367741	162217207416	175243611025	300000001723	410244377232	376317305351				
(1584)	055022211522	173741122632	655567541752	436110254000	000017234402	301361207400	173053543332	715617501736				
(1632)	725601001771	751317524361	102550000000	172352334110	611311151730	537302366033	462517365107	421146671004				
(1680)	175243611025	600000001723	512204530522	021017305350	643421730637	173642642202	711234201752	436110257000				
(1728)	000017235153	370436637474	173053071467	023665351735	775570131014	235117524361	102600000000	172352045534				
(1776)	476646321730	516651520760	752117354566	171453373275	175243611037	500000001723	515642100602	350517305075				
(1824)	676046613513	173543633265	075203361752	436110376000	000017236406	263151502605	173051274273	363561261735				
(1872)	521313206626	334117524361	103770000000	172454125106	026434101730	526702305661	424717355541	400126643041				
(1920)	175243611040	000000001724	533025031224	055217305256	517424463152	173566127757	110214601752	436110401000				
(1968)	000017245512	534423171062	173052666570	702562421735	654342231425	016417524361	104020000000	172465221770				
(2016)	740610711730	534636000114	021617357245	233165504272	175243611040	300000001725	437524245720	533617305423				
(2064)	373004540212	173640152371	133345401752	436110404000	000017254465	730407700464	173055412067	116151601736				
(2112)	511033542765	667117524361	104050000000	172366624066	757627061730	603735067632	132717414410	456157534757				
(2160)	175243611040	600000001723	641314204401	360017306000	744630643262	174141261050	607346541752	436110407000				
(2208)	000017236223	514212524314	173057565601	764102311741	416167326625	707117524361	104100000000	172356710611				
(2256)	352300531730	602310133631	226017407557	646714135074	175243611041	100000001723	624410770405	120217305730				
(2304)	524634452265	174140075507	155701321752	436110417000	000017237574	173742670603	173065255151	546721571740				
(2352)	602617147645	510017524361	104200000000	172445101743	332445121730	637367324631	640317404526	402320015417				
(2400)	175243611042	100000001724	571507261471	771117306321	531422271450	174042042025	536567111752	436110422000				
(2448)	000017245327	640163564202	173065656324	633200061741	413116114430	066317524361	104230000000	172461504054				
(2496)	462367431730	674435262027	763717407613	415240651401	175243611042	400000001724	512104525322	024517307623				
(2544)	355514326750	174176261001	717655651752	436110541000	000017237073	341532271735	173140030541	503127611742				
(2592)	430666200675	172117524361	105420000000	172442210723	331105751730	774534677620	677617425176	645306247547				
(2640)	175243611054	300000001724	415005410471	677617307442	133437411116	174242613051	761551611752	436110544000				
(2688)	000017244427	603740767240	173076411634	630503521742	425225303324	063517524361	105450000000	172372251451				

IBM 8 BIT/BYTE

CDC 60 BIT WORD
6 BIT/BYTE

78/01p 101

17528
17178
338=271010, 485 760
67, 108 864
415477

DUMP OF TAPE X418

45/453365

INPUT TAPE X418 ON MT6

DATA INPUT 07 FL 1 1 1

D-43258

1/01/78-12/31/78

FILE	1	RECORD	1	LENGTH	5000BYTES	VEL	TEMP
()	175245145336	50000001723	535611627646	564717305572	170356546351	173771541600	14322411752
(48)	50217235717	263264344736	173056361543	12660451737	642264623127	521617524514	53367300000
(96)	057361173	54323172641	343217375202	425047233511	175245145337	000000001723	660144432614
(144)	111514415042	173762454104	641236111752	451453371000	000017236763	10221302464	173056541254
(192)	6334373334	162217524514	533720000000	172376432511	736361021730	614437235652	431117375213
(240)	175245145337	300010001722	637511300403	474517306153	155125324313	173755353663	473144601752
(288)	5017227221	173474110256	173063427464	536115151740	513377505657	413417524514	533750000000
(336)	505136041730	632127613617	220117404340	633426566105	175245145337	600000001722	717461034445
(384)	33536644313	17404310462	523757371752	451453377000	000017234073	76227244127	173062755451
(432)	77137171477	500117524514	534000000000	172346764222	476020641730	623742162727	507617404327
(480)	175245145341	40000001723	506362761024	243217305643	706324265267	173773531723	724645031752
(528)	30317237776	161707172131	173061417751	736241311740	504351751053	675617524514	535370000000
(576)	44363011730	631301424766	002017405726	177072100761	175245145354	000000001723	612363107554
(624)	716164467474	174062317255	35750621752	451453542000	000017236144	610747150736	173064030741
(672)	415744200271	121317524514	535430000000	172354723612	477020711730	641650104365	066717414307
(720)	175245145354	40000001723	476235070330	140417306403	076244374053	174141311643	636013021752
(768)	0017234612	355422272641	173063646457	376377351740	757744150506	176517524514	535460000000
(816)	007135551730	636574057203	312617406421	527046631630	175245145354	700000001722	674454556032
(864)	277353055121	174053245000	175630251752	451453550000	000017226373	110037270071	173061375645
(912)	452644466347	366217524514	535570000000	172272203671	240445761730	606655426317	112217377516
(960)	175245145356	00000001722	707753766023	150517306057	230212444030	174041274362	237343361752
(1008)	000017227437	553430160513	173060364771	267443361740	420552775306	111617524514	536760000000
(1056)	432416241730	60516532401	271617404625	474617543546	175245145367	700000001722	764726752265
(1104)	121702133222	174044107007	241001501752	451453700000	000017227547	002153734330	173060516372
(1152)	450475545373	636517524514	537010000000	172270057015	006264241730	607316170310	326117404463
(1200)	175245145370	20000001722	607215631232	622117306035	071014205651	174042012563	632677651752
(1248)	000017226132	421351044523	173057544117	352475451740	406012602437	407217524514	537040000000
(1296)	44476661730	60557304156	144217404327	423604035725	175245145370	500000001722	555362116351
(1344)	524753367746	173775777334	355432651752	451453706000	000017225651	205305743526	173056534230
(1392)	715625032362	121317524514	537070000000	172257457034	223124601730	56567643507	730717376425
(1440)	175245145371	00000001722	56472140523	343717305677	602324630437	173764367573	727435211752
(1488)	000017226632	746760515152	173056753546	42273521737	677020200751	463217524514	537120000000
(1536)	600175041730	565306052060	773517376773	071515665222	175245145371	400000001722	703711561332
(1584)	225051016627	173756316336	322006421752	451453715000	000017227535	417261251766	173056353743
(1632)	55526766345	137217524514	537160000000	172275475654	253457461730	56357473306	512117375713
(1680)	175245145371	700000001723	520105646437	762117305640	332711747313	173767553625	714064231752
(1728)	007017235755	120374732455	173056170767	035341051737	677227242031	026417524514	537210000000
(1776)	572512111730	565757500023	106717376273	455042071160	175245145372	200000001725	451526244416
(1824)	625565533743	174241110120	450221701752	451453723000	000317254271	170456173406	173140436112
(1872)	745513001004	615217524514	537240000000	172453014017	564456051731	401413546754	230017426025
(1920)	175245145404	10000001723	726006075135	722317314110	026050040473	174341442102	321354101752
(1968)	000017226517	124202014541	173154667240	555751421742	646372572745	253117524514	540470000000
(2016)	747226531731	560365225032	012617425206	640570720111	175245145405	000000001723	472543003751
(2064)	275777561247	174253644306	515311641752	451454051000	000017235377	526754524527	173154214325
(2112)	542166530100	70517524514	540520000000	172372765325	736220661731	511377440121	212417417324
(2160)	175245145405	30000001725	440723175253	634317315124	062357341720	174045202573	602052741752
(2208)	000017244417	150327433304	173147707142	423325021740	457135114760	454317524514	540550000000
(2256)	54215301731	470212466223	566217374164	235531766741	175245145405	600000001721	530403402751
(2304)	717520057637	173761156727	225221121752	451454057000	000017215470	756317232431	173150077371
(2352)	462446224014	506517524514	540600000000	172157455714	347023461731	504006404060	225217414316
(2400)	175245145405	10000001720	416324102015	151317314715	372441726374	174140647617	531734041752
(2448)	000017226640	330412761653	173152350116	431441151741	570476411353	757417524514	540630000000
(2496)	57477041731	500273356047	551717406410	222036135073	175245145406	40000001722	471276243345
(2544)	331462615604	174041146311	06340121752	451454065000	000017217324	762355223273	173144000640
(2592)	615023477443	514017524514	542070000000	172167157073	547725061731	440272034703	543117357430
(2640)	175245145421	60000001721	606164306335	510417307541	435106550117	173650611414	021075461752
(2688)	000017216604	071317613075	173076620337	201157221736	433277277554	104017524514	542210000000

07017 153520070172 177181028020 554352141752 432810185000 000017215105 431835071350 173150644754 253554501741
(4032) 553373143525 112717524520 101640000000 1172152647745 661327240731 477161406726 712017414767 571147027276

78/12/31/24

FILE	INPUT RECS.	DATA RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY				INPUT RETRIES	
				PERM	ZERO B	SHORT	UNDEF.	#RECS.	TOTAL#
1	34	35	5000	0	0	0	0	0	0

EOJ DUMP STOPPED AFTER FILE 1 # OF PERMANENT READ ERRORS 0

START TIME 03/04/81 12:40:21 STOP TIME 03/04/81 12:40:31

TIME	RDEN	VEL	TEMP	TIME	RDEN	VEL	TEMP	TIME	PDEN ^{g/cc}	VEL ^{K/s}	TEMP ^{°K}
75010102.	8.6	479.0	156672.	75010103.	8.2	482.1	160131.	75010104.	8.8	486.8	165196.
75010105.	7.7	514.0	158836.	75010106.	5.2	533.0	144957.	75010107.	4.9	532.5	163973.
75010108.	5.8	533.8	155273.	75010109.	5.3	516.3	126245.	75010110.	4.9	519.9	116437.
75010111.	3.9	531.0	105913.	75010112.	4.0	517.7	91008.	75010113.	4.6	511.8	97829.
75010114.	5.7	496.9	91688.	75010115.	5.6	518.2	107250.	75010116.	5.0	494.4	95074.
75010117.	4.8	485.0	93564.	75010118.	5.6	489.8	90860.	75010119.	4.7	476.1	84681.
75010120.	5.6	464.8	87820.	75010121.	5.3	456.1	86582.	75010124.	4.6	430.4	50399.
75010201.	4.2	418.6	44042.	75010202.	4.5	411.2	40036.	75010203.	4.5	407.6	43132.
75010204.	4.7	399.9	35859.	75010205.	5.7	407.7	39677.	75010206.	5.6	403.9	36945.
75010207.	5.6	391.5	32766.	75010208.	4.5	379.7	42379.	75010209.	5.2	371.4	38141.
75010210.	5.7	371.8	38660.	75010211.	5.8	369.5	38786.	75010212.	6.0	357.5	38949.
75010213.	6.1	351.1	33436.	75010214.	7.5	361.0	45246.	75010215.	6.8	370.4	41226.
75010216.	10.9	358.2	48676.	75010217.	8.7	354.3	37393.	75010218.	8.3	350.7	32522.
75010219.	8.3	349.1	33958.	75010220.	9.0	349.6	30064.	75010221.	10.6	351.4	21052.
75010222.	10.3	349.1	17826.	75010223.	10.4	344.9	16312.	75010224.	10.5	334.8	9689.
75010301.	10.4	327.7	9166.	75010302.	13.0	330.9	10797.	75010303.	22.1	342.9	11654.
75010304.	21.7	341.8	13868.	75010305.	22.6	342.9	13710.	75010306.	26.6	348.8	14997.
75010307.	36.0	354.4	16490.	75010308.	36.8	364.2	21059.	75010309.	13.7	387.9	148006.
75010310.	13.0	384.1	136585.	75010311.	12.6	381.8	138359.	75010312.	11.7	386.4	126458.
75010313.	12.6	379.1	131565.	75010319.	15.5	426.7	99016.	75010320.	18.6	415.5	76496.
75010321.	23.6	410.2	69768.	75010322.	21.7	430.7	136782.	75010323.	24.8	444.6	127345.
75010324.	20.6	498.4	255368.	75010401.	14.2	512.8	287597.	75010402.	17.1	508.7	343913.
75010403.	16.8	484.3	284849.	75010404.	18.2	500.2	283947.	75010405.	14.6	519.9	316245.
75010406.	12.7	544.4	369931.	75010407.	12.7	642.5	461997.	75010408.	10.4	647.9	446571.
75010409.	10.0	663.6	447420.	75010410.	9.6	654.4	438358.	75010411.	9.7	671.6	383663.
75010412.	8.2	678.5	332381.	75010413.	8.5	690.9	373073.	75010414.	8.0	643.6	322422.
75010415.	7.8	652.8	394614.	75010417.	6.7	690.8	335535.	75010418.	7.6	666.6	297615.
75010419.	8.3	689.3	309127.	75010420.	8.0	688.9	348023.	75010421.	6.1	715.9	342694.
75010422.	6.1	732.2	370040.	75010423.	5.9	735.5	361643.	75010424.	5.8	724.9	307797.
75010501.	5.6	704.0	271687.	75010502.	5.8	705.7	257579.	75010503.	4.4	707.4	275128.
75010504.	4.6	691.3	275943.	75010505.	4.4	686.8	262914.	75010506.	4.2	708.1	243615.
75010507.	4.3	712.4	251417.	75010508.	3.7	716.7	229506.	75010509.	4.1	708.1	257174.
75010510.	3.8	718.6	271084.	75010511.	4.2	706.9	270578.	75010512.	3.8	703.6	286063.
75010513.	3.8	703.1	288708.	75010514.	3.8	704.1	267393.	75010515.	3.7	692.0	219448.
75010516.	3.4	699.5	188723.	75010517.	3.6	697.0	200352.	75010518.	3.5	702.8	184968.
75010519.	3.7	718.2	223148.	75010520.	3.7	709.0	194147.	75010521.	3.7	676.9	187428.
75010522.	3.2	685.2	188316.	75010523.	3.8	695.3	204945.	75010524.	3.4	702.6	218846.
75010601.	4.0	694.6	209710.	75010602.	3.8	676.8	203649.	75010603.	3.5	649.2	187501.
75010604.	3.9	643.1	210244.	75010605.	3.5	646.0	202352.	75010606.	3.9	638.6	206571.
75010607.	3.8	634.8	245258.	75010608.	3.4	633.0	210497.	75010609.	3.1	616.1	165770.
75010610.	2.9	606.6	126373.	75010611.	3.6	624.1	72245.	75010612.	4.2	638.3	82088.
75010613.	4.8	629.6	96508.	75010614.	6.1	632.8	118461.				
75010615.	6.9	627.7	139210.	75010616.	6.2	641.0	195853.	75010617.	5.8	634.1	237701.
75010618.	6.0	625.6	242877.	75010619.	7.1	609.4	222867.	75010620.	7.5	608.0	256921.
75010621.	12.3	727.4	549736.	75010623.	10.4	813.0	698758.	75010624.	8.9	794.2	354387.
75010701.	15.1	802.3	185492.	75010702.	16.3	785.8	150783.	75010703.	12.5	788.5	159656.
75010704.	3.7	812.4	112977.	75010705.	2.9	790.2	51625.	75010706.	6.3	766.2	109703.
75010707.	4.1	763.2	68141.	75010708.	4.9	752.1	57621.	75010718.	2.9	601.3	184059.
75010719.	2.7	613.4	171918.	75010722.	.9	634.5	221109.	75010723.	1.4	629.0	193509.
75010724.	3.7	700.4	420614.	75010801.	5.2	697.6	387037.	75010802.	6.5	733.2	374296.
75010803.	10.9	731.7	488128.	75010804.	16.8	732.6	407708.	75010805.	10.3	761.5	399976.
75010806.	10.5	760.0	261673.	75010807.	4.9	737.3	128437.	75010808.	7.9	726.9	108647.
75010809.	5.9	742.6	141433.	75010819.	7.2	636.5	41082.	75010820.	5.2	637.7	35249.
75010821.	5.5	634.0	18072.	75010822.	5.5	622.5	18229.	75010823.	5.2	614.8	16552.
75010824.	5.7	604.0	17749.	75010901.	6.1	596.9	15411.	75010902.	6.3	590.3	13902.
75010903.	6.8	581.6	19381.	75010904.	6.1	573.8	20098.	75010905.	6.0	568.3	20162.
75010906.	8.2	560.6	23013.	75010907.	5.6	555.8	17977.	75010908.	5.6	547.1	17502.
75010909.	5.7	540.6	16734.	75010910.	5.2	530.3	17600.	75010911.	5.1	527.1	14147.
75010914.	5.1	498.6	22190.	75010915.	4.6	499.9	32877.	75010916.	5.8	496.4	37272.

D-30933

Solar
Wind
Plasma

Duplicate record at
may 29 (hr 2) 1975

REQ. AGENT	RAND NO	ACQ. AGENT
-----	-----	-----
GSL	VO265	HKH
SAR	VO339	HKH
DHG		
CMW		JHK
BER		JHK

IMP-J

HOURLY AVERAGED SOLAR WIND PLASMA

DENSITY VELOCITY PROTON TEMPERATURE DATA

73-078A-10D SPMS-00630

This data set consists of 2 magnetic tapes.

Tape D-73980 was compressed from 3 originals. The tape is 9 track, 1600 bpi, binary, with 3-files (one for each input tape). The tapes were created on a CDC 6600 computer. The data are in CDC 60-bit floating point values, four words per logical record. Each logical record makes up one time point:
time, proton density, speed and temperature

There were 4, ASCII tapes covering 1989 - 1992. These data have been combined with data covering 1986 - 1988 onto one 9-track, 6250 bpi, ASCII, D tape. The data have been re-formatted to provide consistancy through out the ASCII portion of this data set. The logical record length is 46 bytes and the blocksize is 138 bytes. The logical record format is 1x,i9,3(f12.3). The alternate tape is a 3480 cartridge.

The D and C numbers and time span are as follows:

D#	C#	FILE #	TIME SPAN
-----	-----	-----	-----
D-073980	C-026159	1	01/12/79 - 12/31/83
		2	01/01/84 - 12/23/84
		3	01/05/85 - 12/31/85
D-108753	C-032850	1	01/01/86 - 12/30/86
		2	01/03/87 - 12/31/87
		3	01/01/88 - 12/24/88
		4	01/02/89 - 12/31/89
		5	01/02/90 - 12/29/90
		6	01/03/91 - 12/31/91
		7	01/04/92 - 12/29/92
		8	01/02/93 - 12/30/93
		9	01/01/94 - 12/31/94

11/08/96

To: For The Record 
From: Computer Services
Subject: Release of D and C Numbers

The following tapes have been stacked onto D108753 as a part of an effort to create one homogeneous data set containing all of the 73-078A-10D data from various media stored at NSSDC. The following tape numbers may be released:

IMP J
Hourly Averaged Solar Wind Plasma
Density Velocity Proton Temperature Data
73-078A-10D

DC-029403
DC-029401
DC-029402
DC-031125

DD-086841
DD-086833
DD-086834
DD-101539

REQ. AGENT	RAND NO	ACQ. AGENT
-----	-----	-----
GSL	VO265	HKH
SAR	VO339	HKH
DHG		
CMW		JHK

IMP-J

HOURLY AVERAGED SOLAR WIND PLASMA

DENSITY VELOCITY PROTON TEMPERATURE DATA

73-078A-10D

This data set consists of 5 magnetic tapes.

Tape D-73980 was compressed from 3 originals. The tape is 9 track, 1600 bpi, binary, with 3-files (one for each input tape). The tapes were created on a CDC 6600 computer. The data are in CDC 60 bit floating point values, four words per logical record.

The other 4 are 9 track, 6250 bpi, ASCII, with 1 file on each tape, created on the VAX/VMS computer. These tapes contains 1-hr averaged data, four words per time point: Time, proton density, speed and temperature. The backup tapes are 3480 cartridges. D and C numbers and time span are as follows:

D#	C#	FILES	TIME SPAN
-----	-----	-----	-----
D-073980	C-026159	F. 1	01/12/79 - 12/31/83
		F. 2	01/01/84 - 12/23/84
		F. 3	01/05/85 - 12/31/85
D-086841	C-029403	1	01/02/89 - 12/31/89
D-086833	C-029401	1	01/02/90 - 12/29/90
D-086834	C-029402	1	01/03/91 - 12/31/91
D-101539	C-031125	1	01/04/92 - 12/29/92

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

/o D

DATE: 14 September 1984
IN REPLY REFER TO: ESS-8:84-1046
MAIL STOP: D438
TELEPHONE: 505/667-5389

Dr. J. Vette
National Space Science
Data Center
Code 601.4
Goddard Space Flight Center
Greenbelt, MD 20771

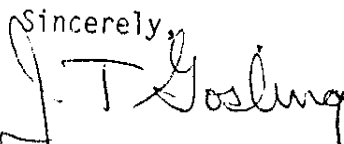
Dear Dr. Vette:

Enclosed are the following items which we are submitting for archival storage in the National Space Science Data Center:

- Tape - 1-hour averages of Imp 8 solar wind plasma data (density, velocity, proton temperature) from 1/12/79 through 12/31/83.
- Tape - 1-hour averages of ISEE-1 solar wind plasma data (density, velocity, proton temperature) from 10/30/77 through 12/31/79.
- Slides - 12-hour color spectrograms of ISEE-3 electron data from 10/17/82 through 10/24/82 and from 12/19/82 through 4/20/83. This covers the interval of ISEE-3's 1st short and 1st long pass into the distant geomagnetic tail.
- Listing - Print out of data contained on the Imp tape.
- Microfiche - Plots and listings of data contained on the ISEE-1 solar wind tape.

Attached to this letter are instructions for reading each of these tapes and a description of the format for the ISEE-3 color spectrograms.

Dr. S. J. Bame is the Principal Investigator for each of these experiments. Please call Dr. J. T. Gosling (505/667-5389) if you have any questions concerning these data.

Sincerely,

J. T. Gosling

JTG/st

Enc. a/s

Cy: S.J. Bame
CRM-4 (2)

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

10D
DATE: 2 September 1988
IN REPLY REFER TO: ESS-8-88:4-742
MAIL STOP: D438
TELEPHONE: (505)667-5389

Dr. J. H. King
NSSDC
Code 633
Goddard Space Flight Center
Greenbelt, MD 20771

Dear Joe:

Under separate cover I am mailing to you at the NSSDC two tapes containing 1-hour average values of the solar wind proton density, speed, and temperature from the Los Alamos experiments on Imp 6, 7, and 8. The first of these covers the interval from 3/18/71 through 4/4/86, and the second covers the interval from 4/9/86 through 11/4/87. Also 73-078A-10D enclosed with the tapes are listings of programs to read the tapes as well as listings of the data values. Please note that the required read programs are different for the 2 tapes and correspond to the change over from our NOS CDC Cyber machine to our VAX/VMS Digital machine.

Please call me or contact me via SPAN if you have any questions concerning these submissions.

Sincerely,

Jack

J. T. Gosling

JTG:mmm

Cy: CRM-4(2)/A150

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

10D
DATE: 9 October 1990
IN REPLY REFER TO: SST-8:90-04-1188
MAIL STOP: D438
TELEPHONE: (505) 667-5389

Dr. J. H. King
Code 633
NSSDC
NASA/Goddard Space Flight Center
Greenbelt, MD 20771

Dec 8 1990

2868-11
C-29402
Dec-417

Dear Joe:

Under separate cover I am sending you two magnetic tapes containing our IMP 8 solar wind data for 1989. One of these, tape 89EPH, contains the high time resolution data, and the other, tape NSSDC, contains one hour averages. Parameters on these tapes are as in previous submissions; information concerning the formats is enclosed with this letter and with each tape. Please contact me (Ph.: 505-667-5389; SPAN: ESSDP1::073500) if you have any questions concerning this submission.

Sincerely,

Jack

J. T. Gosling

JTG/st

Enc. a/s

Cy: CRM-4



Space Science & Technology Division
SST-7, Space & Atmospheric Sciences, MS D466
Los Alamos, New Mexico 87545
(505) 667-5389
FAX: (505) 665-7395

Date: August 4, 1993

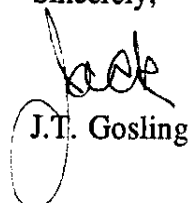
Refer to: SST-7:93-528

Dr. Sumant Krishnaswamy
NSSDC
Code 933
NASA/Goddard Space Flight Center
Greenbelt, MD 20771

Dear Sumant:

Under separate cover I am sending you two magnetic tapes containing our IMP 8 solar wind data for 1992. One of these contains 1-hr averaged data of proton density, speed, and temperature, while the other contains the high time resolution data. Parameters on these tapes are as in previous submissions; information concerning the parameters and the tape formats is enclosed with this letter and with the tapes. Please contact me (505-667-5389 or jgosling@lanl.gov) if you have any questions concerning this submission. I would also appreciate word when you have received the tapes and read them successfully.

Sincerely,



J.T. Gosling

JTG:mm

Cy: CRM-4/A150

NSSDC

DATA CONTAINED IS FROM IMP-8 PROTONS-1 HOUR AVERAGES
THERE ARE 4 WORDS PER TIME POINT
TIME, PDENS., VELOCITY AND TEMPERATURE

DEFINITION:

1. TIME: YYMMDDHH
2. PDEN: DENSITY PROTON NUMERICAL (CM-3)
3. VEL: FLOW SPEED PROTRON NUMERICAL (km/sec)
4. TEMP: TEMPERATURE PROTON NUMERICAL

FORMAT STATEMENT:

```
REAL*16 Y(4,125)
NY = 125
READ(4,30) ((Y(L,N),L=1,4),N=1,NY)
30 FORMAT(3(3X,F9.0,2F7.1,F9.0))
```

SAMPLE:

TIME	PDEN	VEL	TEMP	TIME	PDEN	VEL	TEMP	TIME
PDEN	VEL	TEMP						
90033101.	8.0	597.8	85745.	90033114.	3.5	542.6	92481.	90033115. 2.
2 515.7	44912.							
90033116.	2.2	517.0	41667.	90033117.	2.2	517.1	68017.	90033118. 2.
2 503.6	68830.							
90033119.	2.6	498.8	97555.	90033120.	2.1	489.5	95623.	90033121. 2.
6 475.6	55067.							
90033122.	2.4	467.7	52515.	90033123.	2.9	464.0	61650.	90033124. 2.
9 463.1	69254.							
90040101.	2.8	467.3	88128.	90040102.	2.7	468.0	88966.	90040110. 2.
9 439.0	38007.							
90122912.	9.2	342.1	62830.	90122913.	9.7	342.1	50720.	90122914. 9.
4 336.5	50578.							
90122915.	9.0	333.2	46006.	90122916.	9.0	333.8	51253.	90122917. 8.
9 335.7	52181.							
90122918.	8.9	342.0	51119.	90123002.	14.9	350.1	42255.	

TIMES PICKED OFF ARE FROM 90033101. TO 90123002.
STARTING AT 90033100. AND ENDING WITH 90123024.

```

C      PROGRAM RDSW1(TAPE2,TAPE4)
        THIS PROGRAM READS SWEETR1 OUTPUT TAPE2 AND PRINTS DATA ONTO TAPE4
        DIMENSION Y(4,125)
        IEOF=0
10     CONTINUE
        BUFFER IN (2,1) (Y(1,1),Y(4,125))
        IF(UNIT(2))20,50,40
20     CONTINUE
        IEOF=0
        NY=125
        WRITE(4,30)((Y(L,N),L=1,4),N=1,NY)
30     FORMAT(3(3X,F9.0,2F7.1,F9.0))
        DO 35 I=1,4
        DO 35 L=1,125
        Y(I,L)=0.0
35     CONTINUE
        GO TO 10
40     PRINT 900
900    FORMAT(* READ TAPE2 PARITY ERROR*)
        GO TO 10
50     IEOF=IEOF+1
        IF(IEOF.LT.2)GO TO 10
        END

```

IMP8AV

This is a 7 track, 800 bpi tape
 record length is 500 words. Last record on tape is
 variable length - less than 500 words.

Data contained is from IMP-8 protons-1 hour averages
 There are 4 words per time point
 Time - Pdens., velocity and temperature
 Dates of data: 1/12/79 - 12/31/83

*Imp 8 - Solar Wind.
 Same experiment*

```

PROGRAM RDSW1A
C*****
C   THIS PROGRAM READS SWEETR1 OUTPUT TAPE AND PRINTS DATA
C   TO A FILE           (IN=FOR002,   OUT=FOR004)
C
C   LAST MODIFIED:  8/29/88   SYSTEM:  VAX/VMS VER 4.8
C   LOS ALAMOS NATIONAL LABORATORY  AUTHOR:  CINDY BACA
C*****
      REAL*16 Y(4,125)
      LOGICAL*1 EOT

      EOT=0

10  CONTINUE
      NY=125
      READ(2,30,END=50,ERR=40) ((Y(L,N),L=1,4),N=1,NY)
      WRITE(4,30) ((Y(L,N),L=1,4),N=1,NY)
30  FORMAT(3(3X,F9.0,2F7.1,F9.0))
      NY = 0
      DO J=1,125
        DO K=1,4
          Y(K,J)=0.0
        END DO
      END DO
      GOTO 10
40  PRINT*, '*** ERROR DURING READ **'
      GOTO 10
50  EOT=EOT+1
      IF (EOT.LT.2) GOTO 10
      END

C
C
C NSSDC
C
C DATA CONTAINED IS FROM IMP-8 PROTONS-1 HOUR AVERAGES
C   THERE ARE 4 WORDS PER TIME POINT
C   TIME, PDENS., VELOCITY AND TEMPERATURE

```

Date, h

Density

Velocity

Temperature

TIME	PDEN	VEL	TEMP	TIME	PDEN	VEL	TEMP	TIME	PDEN	VEL	TEMP
92010420.	8.2	452.8	85894.	92010421.	9.1	463.9	105924.	92010422.	9.6	461.5	109910.
92010423.	8.9	447.2	99544.	92010424.	9.2	450.0	106236.	92010501.	9.8	453.2	124727.
92010515.	8.8	482.2	134320.	92010516.	8.5	464.5	131968.	92010517.	9.3	464.9	133482.
92010518.	9.2	469.0	126925.	92010519.	7.9	459.5	112858.	92010520.	7.2	457.8	100981.
92010521.	7.1	445.5	96085.	92010522.	6.6	443.1	94365.	92010523.	6.5	450.2	85872.
92010524.	6.4	435.5	73446.	92010601.	7.8	458.6	102245.	92010602.	7.7	455.6	109835.
92010603.	7.4	447.6	100329.	92010604.	7.0	434.3	85048.	92010614.	8.4	412.1	65042.
92010615.	8.4	411.3	63029.	92010616.	9.1	421.0	82695.	92010617.	8.6	407.0	78242.
92010618.	8.7	409.8	74112.	92010619.	9.6	411.2	72037.	92010620.	9.7	399.3	65114.
92010621.	10.2	401.3	72123.	92010720.	3.9	248.5	88319.	92010721.	5.1	274.3	127324.
92010722.	4.9	303.1	181889.	92010723.	5.0	349.0	274611.	92011020.	13.7	341.2	33245.
92011021.	15.1	348.2	32862.	92011022.	14.2	355.9	32941.	92011024.	8.6	345.6	29289.
92011101.	7.3	341.3	25326.	92011102.	7.1	348.1	28289.	92011103.	6.6	338.2	24940.
92011104.	6.1	341.6	24872.	92011105.	5.9	344.9	21238.	92011106.	5.7	338.1	19345.
92011107.	5.4	327.3	22769.	92011108.	6.0	336.4	18947.	92011109.	6.4	339.7	18481.
92011110.	8.4	340.1	26012.	92011111.	11.0	364.3	27998.	92011112.	9.4	349.8	34848.
92011113.	9.9	356.5	32071.	92011114.	13.0	359.1	30872.	92011115.	19.3	363.4	19910.
92011116.	23.2	361.1	20061.	92011117.	19.8	365.8	24342.	92011205.	13.5	329.0	14414.
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92011607.	6.7	554.1	177959.	92011608.	7.0	567.5	195222.				
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92012303.	8.1	342.2	66623.	92012304.	8.9	335.4	63165.	92012305.	9.0	329.0	49376.
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92012423.	17.7	301.2	23405.	92012820.	11.2	407.1	107186.	92012821.	11.5	403.4	110014.

Provided to NSSDC
Ms-078A-10D

Read by NSSDC

Imp J
73-078A-10D
D-108753
NEW FORMAT

[illegible][illegible]

86010113	6.123	636.600	186800.000	86010114	6.780	652.800	232300.000	86010115	6.660	654.400	254700.000
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86010119	5.698	707.600	246300.000	86010120	5.266	725.100	283300.000	86010121	5.317	711.000	281900.000
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87010315	10.200	413.100	54952.000	87010316	8.300	419.700	55655.000	87010317	8.100	412.300	56635.000
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Format: 60 Bit CDC Floating point.
4 words / Logical record.

D 73980

File 1: 1/12/79-12/31/83

File 2: 1/1/84-12/23/84

File 3: 1/5/85-12/31/85

DUMP OF TAPE DIN

INPLT TAPE DIN CN TBI
DATA INPUT C9 NF=3 FL=3=1=1

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(432)	447062433735	422417524750	556510000000	172256613555	642565061731	403127724463	736517375505	032761500600
(480)	175247505565	200000001723	627356100203	760217314031	372232573225	173763516413	610207011752	475055653000
(528)	000017236035	724676626034	173140237212	423061131740	424746331224	037217524750	556540000000	172353207353
(576)	712151221731	404313624533	007517434073	043542774231	175247505565	500000001724	611302124504	644217307643
(624)	631634537767	173771102374	004334511752	475055656000	000017245643	126677552072	173076020765	536533511737
(672)	560200213300	774217524750	556570000000	172367160351	544655101730	736033733774	536317367364	027106105141
(720)	175247505566	000000001723	407317105135	473217307327	701463612206	173744672513	606000731752	475055661000
(768)	000017235752	610740121650	173073724462	077106671737	746742300540	235417524750	556620000000	172360741400

(816) 072423431730 727334220620 724517404525 362757617043 1175247505566 300000001722 563156144500 466017307043
(864) 615356061775 173754366303 01121255

8121123

FILE INPUT DATA RECORDS MAX. READ ERROR SUMMARY INPUT RETRIES
RECS. INPUT SIZE PERM ZERO B SHORT UNDEF. #RECS. TOTAL #

1 82 83 3750 0 0 0 0 0 0

File 2: 1/1/84-12/23/84

FILE 2 RECORD 1 LENGTH 5000BYTES
(0) 175250036217 700000001723 707727624567 706217307515 260563470205 174067172673 175767671752 500362200000
(48) 000017237564 757625753553 173076423300 063605711740 635567316672 541217525003 622010000000 172374214221
(96) 777563301730 752646614072 316717406541 342316007240 175250036220 200000001723 747370665201 135117307443
(144) 362674124016 174140414726 416405401752 500362203000 000017237141 570172601540 173672777145 605551741741
(192) 427452660126 525217525003 622110000000 172363043471 376526551730 751314660610 427417416536 731341312601
(240) 175250036221 200000001723 706110074427 156117307630 563772003426 174170265646 327525401752 500362213000
(288) 000017235722 247461767172 173140330231 353412341741 743370053420 074617525003 622140000000 172345400414
(336) 433260541731 403410617462 460717416270 737224541454 175250036233 200000001723 517763732361 416617314261
(384) 041660157725 174153401031 205137101752 500362333000 000017235347 210517210536 173141444637 113451341741
(432) 615026065231 455517525003 623340000000 172352460667 370143671731 420717434070 175117415503 563135423435
(480) 175250036233 500000001723 460722074075 174417314106 164450703440 174162665451 312456331752 500362337000
(528) 000017235101 632563350004 173141177437 420113731741 514016061524 444617525003 623400000000 172273144632
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(768) 000017225475 603611213762 173142350730 624352411741 645776672476 700017525003 623510000000 172250023617
(816) 563670171731 420470431411 457017415714 603275750111 175250036235 200000001722 514217766057 647617314135
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(960) 175250036235 500000001722 417131545237 642517314043 045512675007 174142554241 630652611752 500362356000
(1008) 000017225032 154023146725 173077312713 105561151741 412414233522 076117525003 623570000000 172264017645
(1056) 201107041730 765051645661 071314741474 702303113323 175250036247 500000001722 731776553304 631117307613
(1104) 055310342040 174150050664 45456461752 500362476000 000017227360 415740357706 173075667403 320633441741
(1152) 546463316615 132317525003 624770000000 172272350201 663675761730 763752777502 105617414445 717344254236
(1200) 175250036250 500000001723 556565527654 625217307241 743663702416 174140731623 024666101752 500362511000
(1248) 000017235601 345041625300 173064056647 175721141740 615431254007 062017525003 625120000000 172361161425
(1296) 147217461730 637724036705 324717406321 624021341160 175250036251 300000001723 661500731547 540417306565
(1344) 203041420467 174062144643 431736721752 500362514000 000017237773 163026634714 173066221713 644503601740
(1392) 610370144321 471517525003 625150000000 172377113671 240712621730 652203315540 701417406171 676033273613
(1440) 175250036251 600000001723 742173637406 516317306337 705270647026 174063024742 551511661752 500362517000
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(1536) 174270061730 652664667747 425117405306 371662350463 175250036252 100000001723 735447440501 303317306577
(1584) 746574364241 174046407071 344015601752 500362522000 000017235302 125371366301 173064151406 774321421740
(1632) 507472571417 170417525003 625230000000 172341010327 363713321730 632460265531 157517405421 044711266661
(1680) 175250036264 600000001724 457144465140 455317307600 100342033220 174244302050 724303601752 500362650000
(1728) 000017245511 574721720054 173140754372 070130161741 517346537154 533017525003 626510000000 172455256363
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(1824) 225076246152 174041424355 653711401752 500362657000 000017236013 476260454251 173143774525 236310651742
(1872) 617703475774 253617525003 626600000000 172362264614 317542301731 426657031734 554017425603 464536244174
(1920) 175250036266 200000001723 562277026425 300017314444 347100473156 174247024736 063434421752 500362663000
(1968) 000017235567 337773714267 173143420407 277460321742 460772770122 707617525003 626650000000 172356264657
(2016) 361632471731 437077640337 111217425216 110347315544 175250036266 600000001723 632104571105 725717314340
(2064) 600056670413 174247427465 354556711752 500362667000 000017236553 026266352316 173142253311 713170171741
(2112) 776567757553 043317525003 630060000000 172350422160 662705341731 43326552014 645317424670 234677370000
(2160) 175250036300 700000001723 607130341617 731217314437 226000677631 174243663062 406644201752 500363010000
(2208) 000017234652 607114747604 173143236146 716145301742 415223374015 002617525003 630200000000 172244447201
(2256) 066122651731 462000757404 672617414143 156502651157 175250036302 100000001722 411156002117 364017314710
(2304) 206430172366 174143042245 544433441752 500363022000 000017224306 101211303674 173144756447 536072621741
(2352) 446731172472 137117525003 630230000000 172242121537 364404641731 456126676413 051417415263 430077600020
(2400) 175250036302 400000001722 413761754230 703617314577 623674276076 174152765515 214377661752 500363025000
(2448) 000017224207 107442503347 173146243446 717003721741 512653740304 720517525003 630260000000 172243427571
(2496) 330411401731 460627005674 165017415215 744052171126 175250036302 700000001722 407054015460 503217314547
(2544) 717643562157 174146055752 303233521752 500363030000 000017217610 074707665460 173144527014 303755751741
(2592) 442663663100 723617525003 630310000000 172241561112 210566351731 450371467466 541217414644 754235550656
(2640) 175250036303 300000001722 412503740005 131317314417 253415653541 174076417507 473631641752 500363034000
(2688) 000017224056 326041061311 173143773404 403313221740 757107631366 340317525003 631520000000 172245614616
(2736) 36410541731 436644141470 272017414112 032047213354 175250036315 400000001722 454517023232 035617314544

(1296)	517310121730	564700661207	654217366777	353031163550	175250455525	400000001724	502116102446	566417305660
(1344)	060301146020	173670777764	367340401752	504555255000	000017244055	070255006242	173055632027	423634751737
(1392)	451435633776	400317525045	552560000000	172444010351	034255761730	564013374406	710517367061	351632422425
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(1488)	000017244153	516071102107	173057017007	051017111735	716545000656	714317525045	552610000000	172442356255
(1536)	023467461730	565252143577	573217355410	444327433144	175250455526	200000001723	462455156655	277417305515
(1584)	615256617364	173662015004	675440501752	504555263000	000017225600	125035111013	173053667712	441010041736
(1632)	623140453716	671017525045	554150000000	172340313643	213417561730	536076563301	611217374221	540744437444
(1680)	175250455541	600000001723	425066355101	626317305210	555305353500	173742164536	347076151752	504555417000
(1728)	000017236211	121343005740	173052166342	311073241737	657125307015	503617525045	554200000000	172446327172
(1776)	407626701730	615377657577	215517405716	071075367763	175250455542	100000001723	736030744451	276017306577
(1824)	363113376556	174071366164	404231301752	504555424000	000017245441	441221577210	173066122137	255760411736
(1872)	753015115307	226017525045	554250000000	172451464125	263051641730	666347106112	714617375421	217470277553
(1920)	175250455542	600000001724	547263041057	171017306704	527165107330	173753176211	752051221752	504555427000
(1968)	000017245463	325234436472	173066131626	073422241737	406560324210	705717525045	554300000000	172476551452
(2016)	75715641730	660066025416	714017366350	301222165440	175250455543	100000001724	760435475731	301717306563
(2064)	062353734732	173664602217	13500471752	504555730000	000017235167	023470535647	173066317241	031763501740
(2112)	500750677540	253617525045	557310000000	172353337543	510646421730	663236227761	557117405407	046372663536
(2160)	175250455611	000000001722	607701730234	665117305677	407631473625	173754560425	522371611752	504556111000
(2208)	000017226040	645413471330	173056731131	714324431737	562370650227	615217525045	561120000000	172340665722
(2256)	060174021730	562625014641	305717374276	177004620760	175250455611	300000001723	421327572340	117017305602
(2304)	707155046200	173747630077	366663151752	504556114000	000017227736	705232401324	173055400054	515243621737
(2352)	534521433367	014017525045	562310000000	172363535444	767771111730	542725413320	252417375536	126035002506
(2400)	175250455623	200000001723	755470001224	542317305451	326251661210	173766351016	007545531752	504556257000
(2448)	000017234013	443761347610	173060732361	205354161740	462773117731	471117525045	562600000000	172340460341
(2496)	627145511730	611635074630	710017404163	314472321205	175250455637	500000001723	444050147035	447317306172
(2544)	433667727215	174041505006	020327611752	504556376000	000017234562	037765502147	173061322214	462735341737
(2592)	630540735473	547017525045	563770000000	172351757220	240514311730	625065552507	236417376106	103110051315
(2640)	175250455640	000000001723	570325370413	177517306216	334500506162	173760650266	246055051752	504556410000
(2688)	000017244010	432033516013	173052314134	714716371741	420405535540	577517525045	565420000000	172451320627
(2736)	326013161730	546751353323	656117405074	734462344022	175250455654	300000001724	606722033643	725117305604
(2784)	317323274364	173766247440	216032501752	504556544000	000017245433	334375570772	173055777707	036574771737
(2832)	411365622661	076117525045	565460000000	172477712246	400305021730	555637260203	616617374153	036305334220
(2880)	175250455654	700000001725	454415311166	336617305450	266731445237	1736666071425	607314541752	504556707000
(2928)	000017217600	436767704374	173042606732	045364671741	471235146242	421117525045	575400000000	172063241766
(2976)	222130441731	442275511651	012017406104	655442544432	175250455754	100000001721	463445604131	545417314435
(3024)	056342521440	174064216224	634507441752	504557702000	000017235744	653465424001	173145711316	510015531742
(3072)	505763453101	134517525045	577030000000	172356202016	517424721731	461156302403	033117425037	011071457246
(3120)	175250455770	400000001723	611250473136	360017314655	246467532677	174252445353	307457731752	504557705000
(3168)	000017235356	630567250572	173145103240	732204021742	532642256364	471717525045	577060000000	172347143244
(3216)	646016001731	451573051244	314017425154	602403050026	175250455770	700000001723	401702157500	473117314564
(3264)	570112340657	174246112625	312712551752	504560042000	000017225022	627754454313	173152565146	740754131741
(3312)	710373502665	375117525045	600430000000	172251263240	117726541731	511565404610	765417416625	430154241100
(3360)	175250456004	400000001722	514375464631	106217315146	733615744232	174170665322	554712161752	504560045000
(3408)	000017224525	117751641755	173147704271	101543441741	475545721424	372317525045	600460000000	172245211461
(3456)	447226201731	473273426010	173717415725	170517447630	175250456004	700000001722	551330762276	322017314755
(3504)	140464665074	174170117534	736602421752	504560051000	000017225531	232746273354	173147210373	334525751742
(3552)	422010122411	406617525045	600520000000	172257325256	025224031731	501302335555	424517424204	344672243521
(3600)	175250456005	300000001722	56246343624	045017315021	737222443725	174241565067	622760141752	504560054000
(3648)	000017225254	716045332022	173147433270	064227311741	637206201250	520317525045	600550000000	172241264625
(3696)	005033201731	477321345367	547317416067	774102005254	175250456005	600000001722	460526405650	634317314755
(3744)	674166566332	174164335202	70433241					

85123118

FILE	INPUT RECS.	DATA INPUT	RECORDS	MAX. SIZE	READ ERROR	SUMMARY	INPUT RETRIES
					PERM	ZERO B	SHCRT UNDEF.
3	20	21	3750		0	0	0

FOR DUMP STOPPED AFTER FILE 3 # OF PERMANENT READ ERRORS 0

START TIME 05/20/87 12:47:26 STOP TIME 05/20/87 12:48:12

REQ. AGENT

GWM

ACQ. AGENT

RP

IMP-J

HIGH RESOLUTION PLASMA DATA, PROMISE PERIOD

73-078A-10E

SPMS-00042

This data set consists of 1 tape. The tape is 6250 bpi, ASCII, 9 track, labeled, with 75 files. Each file of data contains a header and a trailer. The tape was created on a DEC computer, and is self-documented. The D and C number and time span follows:

D#	C#	LABEL	TIME SPAN
-----	-----	-----	-----
D-074121	C-026584	PROMIS	03/15/86 - 06/17/86

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

DATE: 26 September 1986
IN REPLY REFER TO: ESS-8:86-976
MAIL STOP: D438
TELEPHONE: (505) 667-4727

Dr. R. Parthasarathy
NSSDC
Code 633
NASA/Goddard Space Flight Center
Greenbelt, MD 20771

Dear Sardi:

Enclosed is a tape containing the high time resolution solar wind plasma data from the Los Alamos solar wind analyzer on IMP 8. These data cover the PROMIS interval.

Sincerely,



Edward W. Hones, Jr.

EWH/st

Enc. a/s

Cy: CRM-4 (2)

73-078A-10E
"High Resolution Plasma, PROMIS period."

Directory \$255\$MUA3:[]

PROMIS.DOC;5 -	1	19-SEP-1986	00:00
86074N.DAT;2	29	22-SEP-1986	00:00
86077N.DAT;2 -	16	22-SEP-1986	00:00
86081N.DAT;2	4	22-SEP-1986	00:00
86086N.DAT;2	29	22-SEP-1986	00:00
86089N.DAT;2	25	22-SEP-1986	00:00
86093N.DAT;2	5	22-SEP-1986	00:00
86097N.DAT;2	27	22-SEP-1986	00:00
86102N.DAT;2	33	22-SEP-1986	00:00
86106N.DAT;2	6	22-SEP-1986	00:00
86111N.DAT;2	37	22-SEP-1986	00:00
86115N.DAT;2	36	22-SEP-1986	00:00
86119N.DAT;2	4	22-SEP-1986	00:00
86124N.DAT;2	26	22-SEP-1986	00:00
86128N.DAT;2	40	22-SEP-1986	00:00
86130N.DAT;2	3	22-SEP-1986	00:00
86135N.DAT;2	3	22-SEP-1986	00:00
86136N.DAT;2	30	22-SEP-1986	00:00
86140N.DAT;4	45	23-SEP-1986	00:00
86144N.DAT;2	8	22-SEP-1986	00:00
86148N.DAT;2	45	22-SEP-1986	00:00
86152N.DAT;2	31	22-SEP-1986	00:00
86156N.DAT;2	15	22-SEP-1986	00:00
86160N.DAT;2	32	22-SEP-1986	00:00
86164N.DAT;2	36	22-SEP-1986	00:00

Total of 25 files, 566 blocks.

Documentation for IMP-8 PROMIS data files submitted to NSSDC

FILE ORGANIZATION: Sequential

RECORD FORMAT: Variable length, maximum 88 bytes

RECORD ATTRIBUTES: Carriage return, carriage control

DEFINITION: 6 elements of IMP-8 location and proton data
ELEMENTS:

1	DATE		
2	SECONDS		
3	RADIUS		Re
4	SELAT		DEGREES
5	SELONG		DEGREES
6	DENSITY	PLASMA	CM-3
7	VELOCITY	"	KM/SEC
8	FLOW ANGLE	"	DEGREES
9	TEMPERATURE	"	K

FORMAT:

2000 FORMAT (1X,I6,1X,4F9.3,4(1X,E10.3))

SAMPLE:

860318	80914.000	37.251	16.433	16.620	.639e+01	.482e+03	.127e+01	.145e+06
860318	81454.000	37.261	16.376	16.772	.776e+01	.481e+03	.368e+01	.126e+06
860318	81991.000	37.270	16.318	16.923	.766e+01	.479e+03	.234e+01	.118e+06
860318	82299.000	37.276	16.286	17.010	.823e+01	.477e+03	.251e+01	.113e+06
860318	82841.000	37.286	16.227	17.162	.786e+01	.478e+03	.123e+01	.944e+05
860318	83450.000	37.297	16.162	17.333	.820e+01	.478e+03	.144e+01	.110e+06
860318	83755.000	37.303	16.130	17.418	.884e+01	.480e+03	.124e+01	.104e+06
860318	83980.000	37.307	16.105	17.481	.924e+01	.482e+03	.102e+01	.102e+06

SWEETR1
1 Hr. Aves.

Den. Vel. Temp
protons

1/12/79 - 12/31/8

IMP-8

provided to NSSDC

10E

TIME	PDEN	VEL	TEMP	TIME	PDEN	VEL	TEMP	TIME	PDEN	VEL	TEMP
79011211.	12.6	342.8	86541.	79011212.	12.4	358.8	49841.	79011213.	11.4	373.1	98652.
79011214.	12.4	378.7	107634.	79011215.	12.4	381.9	96696.	79011216.	11.9	377.0	98993.
79011217.	11.7	374.1	96456.	79011218.	11.8	383.8	96984.	79011220.	12.0	375.3	96506.
79011221.	13.0	381.6	95988.	79011222.	13.8	382.7	98079.	79011223.	13.7	382.2	97014.
79011224.	13.6	409.9	72745.	79011301.	11.8	419.0	75014.	79011302.	10.9	423.4	68947.
79011303.	10.1	421.1	76338.	79011304.	9.8	422.6	63711.	79011305.	7.7	426.7	62395.
79011306.	7.4	426.8	54783.	79011307.	7.5	413.6	50847.	79011308.	6.6	432.4	44710.
79011309.	8.2	432.1	40739.	79011310.	9.4	419.3	45991.	79011606.	6.3	476.1	165277.
79011607.	7.0	484.1	168710.	79011608.	6.6	446.5	161763.	79011609.	6.8	446.6	140275.
79011610.	5.8	450.6	140713.	79011611.	5.0	440.3	125119.	79011612.	5.2	443.4	125567.
79011613.	4.6	441.1	108539.	79011614.	4.1	434.9	90984.	79011615.	4.4	431.4	71522.
79011616.	4.1	430.7	71210.	79011617.	3.5	430.6	64210.	79011621.	4.1	409.5	60903.
79011622.	7.9	402.1	38018.	79011701.	4.2	412.1	20867.	79011702.	4.1	411.3	21414.
79011710.	7.6	412.6	112466.	79011711.	6.5	404.9	110270.	79011712.	7.7	413.1	121417.
79011713.	8.1	406.6	108687.	79011714.	8.5	401.7	101500.	79011715.	9.4	406.5	99020.
79011716.	9.4	404.9	97230.	79011717.	9.8	408.6	90932.	79011718.	9.4	400.8	77455.
79011720.	11.2	427.4	56879.	79011721.	10.5	404.0	80540.	79011722.	9.1	393.2	101192.
79011723.	8.8	390.3	101072.	79011724.	10.8	397.8	116775.	79011801.	10.5	395.5	116495.
79011802.	10.7	385.6	115599.	79011803.	10.6	393.9	110303.	79011810.	12.3	393.9	97278.
79011811.	12.8	393.0	82283.	79011812.	13.5	388.0	93306.	79011813.	13.2	392.3	69849.
79011814.	13.9	384.4	85213.	79011816.	13.0	374.1	59990.	79011817.	14.4	378.2	72820.
79011818.	16.4	379.3	73733.	79011819.	15.8	373.5	70677.	79011820.	15.4	367.7	71576.
79011822.	16.6	369.0	54017.	79011823.	13.3	390.6	60030.	79011824.	15.5	395.3	82299.
79011901.	15.2	414.9	79583.	79011902.	11.9	421.1	93676.	79011903.	13.4	410.1	103779.
79011904.	10.9	418.2	75422.	79011905.	13.8	422.7	100764.	79012720.	4.0	493.3	124192.
79012721.	4.1	516.5	127876.	79012722.	4.4	485.7	113946.	79012723.	4.4	509.6	118254.
79012724.	5.0	528.4	114350.	79012805.	6.5	514.0	161318.	79012806.	6.5	517.9	158556.
79012807.	5.8	476.1	112170.	79012811.	5.1	494.5	158591.	79012812.	5.4	464.1	120226.
79012813.	5.3	471.6	121282.	79012814.	4.9	465.6	103840.	79012815.	4.5	452.1	98877.
79012816.	4.9	450.4	85325.	79012817.	4.9	469.8	87332.	79012818.	4.9	468.4	91606.
79012819.	5.1	479.1	107792.	79012820.	5.6	472.1	121952.	79012821.	5.6	478.3	144853.
79012907.	4.6	465.7	147985.	79012908.	4.9	454.8	141687.	79012909.	5.1	454.1	127700.
79012910.	4.2	483.6	127989.	79012911.	4.3	489.7	135056.	79012912.	4.4	485.9	130505.
79012913.	4.3	470.3	120591.	79012914.	3.8	473.9	113537.	79012915.	3.2	461.2	97666.
79012916.	3.6	465.8	101204.	79012917.	3.4	461.2	91894.	79012918.	3.1	441.7	87880.
79012919.	2.9	441.8	83376.	79012920.	3.6	463.2	109466.	79012921.	3.8	464.2	111508.
79012922.	3.5	476.3	93899.	79012923.	3.7	471.3	93461.	79012924.	4.1	474.5	99223.
79013001.	3.9	470.0	96291.	79013002.	4.1	464.9	92011.	79013003.	4.1	459.4	84609.
79013009.	9.1	512.4	201096.	79013010.	7.9	491.1	250089.	79013011.	6.6	496.6	192614.
79013012.	6.4	535.4	198243.	79013013.	5.5	547.8	173450.	79013015.	6.2	499.4	138156.
79013016.	5.1	468.9	113422.	79013017.	5.0	465.3	92499.	79013018.	5.3	458.7	96391.
79013019.	5.2	460.0	87205.	79013020.	5.2	455.3	100179.				
79013021.	6.2	476.7	115180.	79013022.	6.8	485.8	114133.	79013023.	7.1	481.4	115459.
79013024.	7.6	480.9	121684.	79013101.	7.6	469.3	115106.	79013102.	7.3	467.5	117226.
79013103.	7.4	461.9	117206.	79013104.	7.3	470.6	113035.	79013109.	8.6	461.4	121916.
79013110.	9.7	461.4	143279.	79013111.	8.6	463.2	125766.	79013112.	9.6	464.6	138711.
79020512.	5.1	348.5	212620.	79020513.	5.8	350.5	195242.	79020514.	7.8	358.6	191045.
79020515.	5.9	350.2	184159.	79020516.	6.6	359.9	150602.	79020522.	8.2	344.7	165043.
79020604.	10.8	416.3	40172.	79020605.	13.0	427.6	39969.	79020606.	11.8	392.5	50851.
79020607.	11.5	387.5	51978.	79020710.	11.7	349.0	50598.	79020711.	11.0	349.5	56733.
79020712.	8.9	361.7	82952.	79020713.	8.7	372.2	125328.	79020715.	8.1	365.0	115337.
79020716.	8.0	366.5	124777.	79020717.	8.4	383.9	113126.	79020718.	8.5	377.5	111628.
79020721.	8.1	362.7	94984.	79020802.	8.1	356.2	92869.	79020803.	7.2	369.1	79805.
79020804.	7.3	379.5	74297.	79020805.	7.6	364.1	74791.	79020806.	7.8	355.3	77770.
79020808.	7.9	381.7	60658.	79020809.	8.0	377.7	60631.	79020810.	7.8	360.0	61789.
79020811.	7.8	347.8	64742.	79020812.	7.6	341.2	63589.	79020813.	5.9	332.2	48531.
79020814.	6.3	314.5	45047.	79020818.	8.7	361.0	66037.	79021017.	6.4	332.4	40966.
79021018.	6.4	328.9	40253.	79021022.	5.9	350.2	50345.	79021023.	5.9	341.3	52638.
79021024.	5.6	334.9	54565.	79021101.	5.9	353.5	56812.	79021109.	21.1	372.6	100655.

INPUT PARAMETERS ARE: AS AL 3 1 1

TAPE NO.	1	FILE NO.	1
RECORD	2	LENGTH	8

TAPE NO.	1	FILE NO.	1
RECORD	3	LENGTH	80
HDR2D0204800092			

TAPE NO.	1	FILE NO.	1
RECORD	4	LENGTH	80

HDR3005802020000000000100000000000000FF000000000000000000000000

TAPE NO.	1	FILE NO.	1
RECORD	5	LENGTH	8 1/2

HDR4

TAPE NO. 1 FILE NO. 2
RECORD 1 LENGTH 248

0032DISK9:[097699.IMP]PROMIS.DOC0067
00040064Documentation for IMP-8 PROMIS data files submitted to NSSDC0005 0033FILE ORGANIZATION: Se

[illegible]

1	DATE0025	2	SECONDS0048	3	RADIUS	Re0051
4	SELAT	DEGREES0051	5	SELONG	DEGREES00	
48	6 DENSITY PLASMA	CM-30050	7	VELOCITY	"	KM/SEC005
1	8 FLCH ANGLE	"	DEGREES0045	9	TEMPERATURE	"
						KC005 G

011FORMAT:00472000 FORMAT (1X,I6,1X,4F9.3,4(1X,E10.3))0005 0011SAMPLE:0092 860318 80914.000 37

.251 16.433 16.620 .639e+01 .482e+03 .127e+01 .145e+06 0092 860318 81454.000 37.261

16.376	16.772	.776e+01	.481e+03	.368e+01	.126e+06	0092	860318	81991.000	37.270	16.318
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16.923	.766e+01	.479e+03	.234e+01	.118e+06	0092 860318 82299.000	37.276	16.286	17.01
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0	.823e+01	.477e+03	.251e+01	.113e+06	0092	860318	82841.000	37.286	16.227	17.162	.78
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6e+01 .478e+03 .123e+01 .944e+050092 860318 83450.000 37.297 16.162 17.333 .820e+01

.478e+03	.144e+01	.110e+06092	860318	83755.000	37.303	16.130	17.416	.884e+01	.480e+
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03 .124e+01 .104e+060092 860318 83980.000 37.307 16.105 17.481 .924e+01 .482e+03 .1

[illegible][illegible]

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TAPE NO. 1 FILE NO. 3
RECORD 1 LENGTH 84

EOF1PROMIS.DOC PROMIS00010001000104 86262 00000 000001DECFILE11A

TAPE NO.	1	FILE NO.	3
RECORD	2	LENGTH	8

E0F2D0204800092

TAPE NO.	1	FILE NO.	3
RECORD	3	LENGTH	80

EOF3005802020000 000000100000000000000000 00FF000000000000000000000000

TAPE NO.	1	FILE NO.	3
RECORD	4	LENGTH	80

ECF4

D-74121
3/15/86-6/17/86

\$NOP

\$NP

NC PROCEDURE

\$NOP

\$NOP ***** LIST OF J00064-C *****

\$EXE TPLIST BS

INPUT PARAMETERS ARE: AS SR=1=1 1 1 5

TAPE NO.	1	FILE NO.	5
RECORD	1	LENGTH	248
0092	860315 23097.000	30.949	9.893 -102.034 .149e+02 .375e+03 -.401e-03 .714e+050092 86
0315	23248.000 30.950	9.920 -101.974	.147e+02 .374e+03 -.675e+00 .707e+050092 860315 23
475.000	30.951	9.961 -101.885	.144e+02 .376e+03 -.836e+00 .661e+050092 860315 23626.000
30.952	9.988 -101.826	.153e+02 .376e+03	-.713e+00 .743e+050092 860315 23780.000 30.9
53	10.016 -101.766	.174e+02 .371e+03	-.204e+00 .745e+050092 860315 23931.000 30.954 10
.043	-101.767 .140e+02	.365e+03 -.506e+00	.572e+050092 860315 24084.000 30.955 10.071 -1
01.647	.164e+02 .371e+03	-.273e+01 .826e+050092	860315 24239.000 30.955 10.098 -101.586
.167e+02	.371e+03	-.701e+00 .768e+050092	860315 24457.000 30.957 10.138 -101.500 .178e
+02	.373e+03 -.390e+00	.875e+050092 860315	24613.000 30.958 10.166 -101.439 .175e+02 .
374e+03	.500e+00 .882e+050092	860315 24764.000	30.958 10.193 -101.380 .148e+02 .378e+03
-.296e+01	.717e+050092	860315 24921.000	30.959 10.221 -101.318 .138e+02 .382e+03 -.238
e+01	.787e+050092	860315 25072.000	30.960 10.248 -101.259 .171e+02 .379e+03 -.232e+01
.833e+050092	860315 25228.000	30.961 10.276 -101.198	.199e+02 .393e+03 -.339e+01 .886e+0
50092	860315 25550.000	30.963 10.333 -101.072	.130e+02 .373e+03 -.233e+01 .673e+050092 8
60315	25701.000 30.964	10.360 -101.013	.131e+02 .373e+03 -.203e+01 .714e+050092 860315 2
5927.000	30.965 10.401 -100.924	.153e+02 .375e+03	-.180e+01 .691e+050092 860315 26084.00
0	30.966 10.429 -100.862	.191e+02 .373e+03	-.143e+01 .824e+050092 860315 26311.000 30.
968	10.469 -100.773	.179e+02 .379e+03	-.240e+01 .806e+050092 860315 26537.000 30.965 1
0.510	-100.684 .184e+02	.379e+03 -.316e+01	.739e+050092 860315 26692.000 30.970 10.537 -
100.624	.191e+02 .382e+03	-.522e+00 .816e+050092	860315 26845.000 30.971 10.565 -100.563
.140e+02	.387e+03	-.905e+00 .703e+050092	860315 27000.000 30.972 10.598 -100.526

***** JOB DONE.

\$EXE TPLIST BS

INPUT PARAMETERS ARE: AS SR=35=1 1 1 74

TAPE NO.	1	FILE NO.	74
RECORD	35	LENGTH	248
0092	860617 10212.000	38.822 -26.209	43.879 .142e+02 .341e+03 .355e+00 .260e+050092 86
0617	10435.000 38.818	-26.211 43.944	.137e+02 .339e+03 .132e+01 .263e+050092 860617 10
821.000	38.809 -26.216	44.057 .147e+02	.343e+03 .476e-01 .239e+050092 860617 11040.000
38.805	-26.218 44.121	.140e+02 .344e+03	.366e+00 .269e+050092 860617 11193.000 38.8
01	-26.219 44.167	.144e+02 .346e+03	.487e+00 .281e+050092 860617 11423.000 38.796 -26
.222	44.234 .140e+02	.345e+03 .481e+00	.296e+050092 860617 11652.000 38.792 -26.224
44.301	.136e+02 .343e+03	.816e+00 .285e+050092	860617 11806.000 38.788 -26.225 44.346
.154e+02	.346e+03	.607e+00 .240e+050092	860617 12032.000 38.783 -26.228 44.413 .148e
+02	.346e+03 .191e+00	.264e+050092 860617	12197.000 38.780 -26.229 44.461 .139e+02 .
346e+03	.200e+00 .269e+050092	860617 12496.000	38.773 -26.232 44.549 .151e+02 .347e+03
.157e+00	.265e+050092	860617 12723.000	38.769 -26.234 44.616 .158e+02 .347e+03 .294
e+00	.220e+050092	860617 12941.000	38.764 -26.236 44.680 .147e+02 .346e+03 .113e+00
.277e+050092	860617 13092.000	38.761 -26.238	44.725 .150e+02 .346e+03 .113e+00 .258e+0
50092	860617 13391.000	38.754 -26.240	44.813 .155e+02 .345e+03 -.358e-01 .245e+050092 8
60617	13550.000 38.751	-26.242 44.859	.144e+02 .345e+03 .146e-01 .241e+050092 860617 1
3702.000	38.747 -26.243	44.904 .147e+02	.345e+03 .590e-01 .238e+050092 860617 14001.00
0	38.741 -26.245	44.992 .143e+02	.345e+03 .120e+00 .251e+050092 860617 14301.000 38.
734	-26.248 45.081	.147e+02 .345e+03	.420e-01 .246e+050092 860617 14460.000 38.731 -2
6.249	45.127 .152e+02	.346e+03 .702e+00	.274e+050092 860617 14613.000 38.727 -26.251
45.173	.212e+02 .355e+03	-.136e+00 .316e+050092	860617 14770.000 38.724 -26.252 45.215
.218e+02	.357e+03	.126e+01 .328e+050092	860617 14931.000 38.720 -26.253 45.219

***** JOB DONE.

\$WEO LPS

SWEETR 1

1 Hr. Aves.

Den. Vel. Temp
protons

1/12/79 - 12/31/83

IMP-8

provided to NSDC

10E

TIME	PDEN	VEL	TEMP	TIME	PDEN	VEL	TEMP	TIME	PDEN	VEL	TEMP
79011211.	12.6	342.8	86541.	79011212.	12.4	358.8	49841.	79011213.	11.4	373.1	98652.
79011214.	12.4	378.7	107634.	79011215.	12.4	381.9	96696.	79011216.	11.9	377.0	98993.
79011217.	11.7	374.1	96456.	79011218.	11.8	383.8	96984.	79011220.	12.0	375.3	96506.
79011221.	13.0	381.6	95988.	79011222.	13.8	382.7	98079.	79011223.	13.7	382.2	97014.
79011224.	13.6	409.9	72745.	79011301.	11.8	419.0	75014.	79011302.	10.9	423.4	68947.
79011303.	10.1	421.1	76338.	79011304.	9.8	422.6	63711.	79011305.	7.7	426.7	62395.
79011306.	7.4	426.8	54783.	79011307.	7.5	413.6	50847.	79011308.	6.6	432.4	44710.
79011309.	8.2	432.1	40739.	79011310.	9.4	419.3	45991.	79011606.	6.3	476.1	165277.
79011607.	7.0	484.1	168710.	79011608.	6.6	446.5	161763.	79011609.	6.8	446.6	140275.
79011610.	5.8	450.6	140713.	79011611.	5.0	440.3	125119.	79011612.	5.2	443.4	125567.
79011613.	4.6	441.1	108539.	79011614.	4.1	434.9	90984.	79011615.	4.4	431.4	71522.
79011616.	4.1	430.7	71210.	79011617.	3.5	430.6	64210.	79011621.	4.1	408.5	60903.
79011622.	7.9	402.1	38018.	79011701.	4.2	412.1	20867.	79011702.	4.1	411.3	21414.
79011710.	7.6	412.6	112466.	79011711.	6.5	404.9	110270.	79011712.	7.7	413.1	121417.
79011713.	8.1	406.6	108697.	79011714.	8.5	401.7	101500.	79011715.	9.4	406.5	99020.
79011716.	9.4	404.9	97230.	79011717.	9.8	408.6	90932.	79011718.	9.4	400.8	77455.
79011720.	11.2	427.4	56879.	79011721.	10.5	404.0	80540.	79011722.	9.1	393.2	101192.
79011723.	8.8	390.3	101072.	79011724.	10.8	397.8	116775.	79011801.	10.5	395.5	116495.
79011802.	10.7	385.6	115599.	79011803.	10.6	393.9	110303.	79011810.	12.3	393.9	97278.
79011811.	12.8	393.0	82283.	79011812.	13.5	388.0	93306.	79011813.	13.2	392.3	69849.
79011814.	13.9	384.4	85213.	79011816.	13.0	374.1	59990.	79011817.	14.4	378.2	72820.
79011818.	16.4	379.3	73733.	79011819.	15.8	373.5	70677.	79011820.	15.4	367.7	71576.
79011822.	16.6	369.0	54017.	79011823.	13.3	390.6	60030.	79011824.	15.5	395.3	82299.
79011901.	15.2	414.9	79583.	79011902.	11.9	421.1	93676.	79011903.	13.4	410.1	103779.
79011904.	10.9	418.2	75422.	79011905.	13.8	422.7	100764.	79012720.	4.0	493.3	124192.
79012721.	4.1	516.5	127876.	79012722.	4.4	485.7	113946.	79012723.	4.4	509.6	118254.
79012724.	5.0	528.4	114350.	79012805.	6.5	514.0	161318.	79012806.	6.5	517.9	158556.
79012807.	5.8	476.1	112170.	79012811.	5.1	494.5	158591.	79012812.	5.4	464.1	120226.
79012813.	5.3	471.6	121282.	79012814.	4.9	465.6	103840.	79012815.	4.5	452.1	98877.
79012816.	4.9	450.4	85325.	79012817.	4.9	469.8	87332.	79012818.	4.9	468.4	91606.
79012819.	5.1	479.1	107792.	79012820.	5.6	472.1	121952.	79012821.	5.6	478.3	144853.
79012907.	4.6	465.7	147986.	79012908.	4.9	454.8	141687.	79012909.	5.1	454.1	127700.
79012910.	4.2	483.6	127989.	79012911.	4.3	489.7	135056.	79012912.	4.4	485.9	130506.
79012913.	4.3	470.3	120591.	79012914.	3.8	473.9	113537.	79012915.	3.2	461.2	97666.
79012916.	3.6	465.8	101204.	79012917.	3.4	461.2	91894.	79012919.	3.1	441.7	87880.
79012919.	2.9	441.8	83376.	79012920.	3.6	463.2	109466.	79012921.	3.8	464.2	111508.
79012922.	3.5	476.3	93899.	79012923.	3.7	471.3	93461.	79012924.	4.1	474.5	99223.
79013001.	3.9	470.0	96291.	79013002.	4.1	464.9	92011.	79013003.	4.1	459.4	84609.
79013009.	9.1	512.4	201096.	79013010.	7.9	491.1	250089.	79013011.	6.6	496.6	192614.
79013012.	6.4	535.4	198243.	79013013.	5.5	547.8	173450.	79013015.	6.2	499.4	138156.
79013016.	5.1	468.9	113422.	79013017.	5.0	465.3	92499.	79013018.	5.3	458.7	96391.
79013019.	5.2	460.0	87205.	79013020.	5.2	455.3	100179.				
79013021.	6.2	476.7	115180.	79013022.	6.8	485.8	114133.	79013023.	7.1	481.4	115459.
79013024.	7.6	480.9	121684.	79013101.	7.6	469.3	115106.	79013102.	7.3	467.5	117226.
79013103.	7.4	461.9	117206.	79013104.	7.3	470.6	113035.	79013109.	8.6	461.4	121916.
79013110.	9.7	461.4	143279.	79013111.	8.6	463.2	125766.	79013112.	9.6	464.6	138711.
79020512.	5.1	348.5	212620.	79020513.	5.8	350.5	195242.	79020514.	7.8	358.6	191045.
79020515.	5.9	350.2	184159.	79020516.	6.6	359.9	150602.	79020522.	8.2	344.7	165043.
79020604.	10.8	416.3	40172.	79020605.	13.0	427.6	39969.	79020606.	11.8	392.5	50851.
79020607.	11.5	387.5	51978.	79020710.	11.7	349.0	50598.	79020711.	11.0	349.5	56733.
79020712.	8.9	361.7	82952.	79020713.	8.7	372.2	125328.	79020715.	8.1	365.0	115337.
79020716.	8.0	366.5	124777.	79020717.	8.4	383.9	113126.	79020718.	8.5	377.5	111628.
79020721.	8.1	362.7	94984.	79020802.	8.1	356.2	92869.	79020803.	7.2	369.1	79805.
79020804.	7.3	379.5	74297.	79020805.	7.6	364.1	74791.	79020806.	7.8	355.3	77770.
79020808.	7.9	381.7	60658.	79020809.	8.0	377.7	60631.	79020810.	7.8	360.0	61789.
79020811.	7.8	347.8	64742.	79020812.	7.6	341.2	63589.	79020813.	5.9	332.2	48531.
79020814.	6.3	314.5	45047.	79020818.	8.7	361.0	66037.	79021017.	6.4	332.4	40966.
79021018.	6.4	328.9	40253.	79021022.	5.9	350.2	50345.	79021023.	5.9	341.3	52638.
79021024.	5.6	334.9	54565.	79021101.	5.9	353.5	56812.	79021109.	21.1	372.6	100665.

79021110.	15.9	355.8	87879.	79021111.	12.7	343.6	74627.	79021112.	10.6	347.3	87510.
79021113.	10.1	345.5	87857.	79021114.	9.3	356.1	7797.	79021115.	7.0	357.0	108919.
79021116.	6.1	343.4	111942.	79021117.	5.2	333.9	323.	79021118.	3.7	336.4	131843.
79021119.	3.1	355.1	126238.	79021120.	2.8	406.9	128909.	79021121.	3.0	404.1	119715.
79021122.	3.5	427.5	118516.	79021123.	3.4	440.8	128293.	79021124.	4.0	436.2	96240.
79021201.	4.6	423.0	89510.	79021202.	4.7	420.6	109952.	79021203.	4.0	439.1	55855.
79021209.	12.6	443.1	161000.	79021210.	11.4	438.8	143445.	79021211.	11.6	445.1	112288.
79021212.	11.0	443.2	115536.	79021213.	9.3	440.7	93256.	79021220.	19.6	410.7	17057.
79021221.	18.5	410.5	14884.	79021222.	13.4	413.5	12036.	79021223.	15.4	413.9	13745.
79021224.	16.2	413.0	12209.	79021301.	15.4	409.3	10987.	79021302.	13.6	407.0	10740.
79021303.	15.5	402.0	12372.	79021304.	14.0	400.5	12582.	79021305.	12.2	399.6	11791.
79021306.	10.6	395.8	12965.	79021820.	9.7	539.1	177535.	79021821.	9.5	536.5	191267.
79021903.	7.6	521.4	180547.	79021904.	7.3	508.2	161615.	79021905.	6.9	511.9	151140.
79021906.	6.6	513.1	143653.	79021907.	6.9	548.8	179077.	79021908.	7.6	529.5	188418.
79021909.	6.4	516.2	136427.	79021910.	6.6	535.8	158879.	79021911.	5.9	528.6	138328.
79021912.	6.1	529.4	145900.	79021913.	6.1	526.5	150307.	79021915.	4.8	540.0	149912.
79021916.	4.8	540.4	147980.	79021917.	5.1	542.3	155938.	79021918.	5.3	569.2	185149.
79021923.	3.6	516.5	150583.	79022001.	3.7	518.0	112096.	79022002.	3.5	505.6	86957.
79022003.	3.4	501.8	69681.	79022004.	3.2	502.0	74202.	79022005.	3.3	490.0	86569.
79022006.	2.7	481.6	82385.	79022007.	2.5	478.9	67134.	79022008.	2.6	476.8	64479.
79022417.	2.8	538.5	173840.	79022418.	2.5	548.6	179267.	79022419.	2.6	530.7	161547.
79022420.	2.7	527.8	152727.	79022421.	2.4	557.0	168110.	79022422.	2.3	556.4	152959.
79022423.	2.5	536.9	135123.	79022424.	2.5	513.9	114916.	79022501.	2.7	513.2	136089.
79022502.	2.6	513.3	161865.	79030408.	20.1	412.5	78220.	79030409.	19.0	411.8	80029.
79030410.	21.0	411.6	64656.	79030411.	22.2	402.1	78962.				
79030412.	20.5	399.4	92827.	79030413.	22.0	390.7	87719.	79030414.	20.9	396.2	79817.
79030415.	14.5	380.4	82368.	79030416.	12.5	377.6	65107.	79030417.	14.3	379.5	89142.
79030418.	16.0	399.0	126264.	79030419.	15.7	394.1	122898.	79030420.	12.8	393.6	98741.
79030421.	10.8	397.1	96926.	79030422.	10.7	408.1	107744.	79030423.	12.6	437.3	137765.
79030502.	10.2	434.3	149324.	79030503.	11.0	434.2	164550.	79030504.	10.4	429.3	166709.
79030505.	9.3	418.4	142460.	79030506.	8.5	427.9	152900.	79030507.	6.7	457.9	136491.
79030508.	7.2	470.8	164829.	79030509.	7.7	476.8	198640.	79030510.	7.9	462.8	192095.
79030511.	7.6	456.9	168582.	79030512.	7.7	476.9	198993.	79030513.	7.5	472.3	165833.
79030514.	5.8	449.2	135443.	79030515.	5.6	440.7	120580.	79030516.	5.3	434.7	116667.
79030517.	4.6	416.1	104948.	79030518.	5.5	411.2	107341.	79030519.	5.8	410.8	108991.
79030520.	5.9	421.7	117382.	79030521.	5.4	416.0	98095.	79030522.	6.0	402.7	116245.
79030605.	6.6	469.6	158909.	79030606.	5.6	448.9	150606.	79030607.	5.6	453.7	136451.
79030608.	5.6	449.3	111779.	79030609.	8.8	483.2	149967.	79030610.	8.8	491.2	162653.
79030611.	7.5	482.2	151489.	79030612.	7.2	471.9	147590.	79030613.	7.9	466.6	169830.
79030614.	6.8	472.9	219466.	79030615.	6.2	481.6	205072.	79030616.	6.4	528.7	214214.
79030617.	8.7	516.2	214001.	79030619.	5.2	510.4	206137.	79030620.	4.0	503.6	179216.
79030621.	3.0	485.9	185018.	79030622.	3.5	477.2	198375.	79030623.	3.8	446.2	140807.
79030706.	3.5	460.0	32657.	79030707.	4.2	458.8	31663.	79030708.	4.2	458.6	56166.
79030709.	3.1	454.8	56297.	79030710.	3.1	461.9	52033.	79030711.	3.2	456.1	49875.
79030712.	3.2	439.2	48648.	79030713.	3.2	453.0	43795.	79030714.	3.3	457.1	44677.
79030715.	3.3	461.2	40489.	79030716.	3.0	447.9	45083.	79030717.	3.0	452.1	45142.
79030718.	3.0	449.1	42285.	79030719.	3.1	451.8	36623.	79030720.	3.1	450.2	37213.
79030721.	3.0	442.7	35406.	79030722.	2.9	436.3	28475.	79030723.	2.6	421.2	28331.
79030724.	2.8	413.0	29899.	79030801.	2.9	424.8	31855.	79030802.	2.7	420.0	39908.
79030808.	3.8	363.6	50687.	79030809.	3.9	376.6	52234.	79030812.	4.3	349.9	62569.
79030813.	3.9	345.8	60005.	79030814.	4.2	353.6	65403.	79030815.	4.6	353.0	67549.
79030816.	4.1	352.1	69467.	79030817.	4.4	349.0	68883.	79030818.	4.7	351.1	69473.
79030819.	4.4	345.3	72319.	79030820.	5.0	343.1	70989.	79030821.	4.4	341.3	62869.
79030822.	4.3	342.7	64786.	79030823.	5.5	351.1	80287.	79030824.	5.3	351.6	79556.
79030901.	5.7	352.5	72011.	79030902.	5.8	345.1	69011.	79030903.	5.7	346.2	65864.
79030904.	5.8	349.2	62246.	79030905.	4.2	326.6	51668.	79030906.	4.2	324.2	52901.
79030907.	5.2	326.1	56141.	79030908.	5.4	326.9	62102.	79030909.	13.9	382.8	109840.
79030910.	14.1	392.4	97554.	79030911.	15.0	397.7	112829.	79030912.	16.6	396.1	113097.
79030915.	16.0	368.8	108988.	79030917.	18.3	370.6	75684.	79030919.	15.1	371.2	102580.
79030920.	17.7	389.3	100028.	79030921.	16.5	373.1	95240.	79030922.	12.1	385.7	105695.
79030923.	5.8	412.8	129165.	79030924.	15.9	463.7	78517.	79031001.	20.1	472.3	45014.
79031002.	22.4	473.1	38770.	79031003.	15.6	474.7	25641.	79031004.	17.5	466.5	12171.
79031005.	16.2	456.9	10330.	79031007.	19.5	443.0	15346.	79031008.	13.0	444.8	13021.
79031009.	13.6	456.4	17718.	79031010.	6.7	457.5	13030.	79031011.	15.3	443.1	20335.

Forwarded to NSRDC Data History p.2

73-078A-10E

DSC 417

D70472

ESS10

Tape NSSDC
1 hr. averages
1/01/84 - 12/31/84

7T 800 bpi

USER NUMBER	097699
WORKER MACHINE	M
DATE SENT	12-Nov-1985
TIME SENT	15:50:16
XEROX UNIT	B
PAGES DATE	12-Nov-1985
PAGES TIME	15:51:12 JOB 91318 pages 1

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C      PROGRAM RDSW1(TAPE2,TAPE4)
        THIS PROGRAM READS SWEETR1 OUTPUT TAPE2 AND PRINTS DATA ONTO TAPE4
        DIMENSION Y(4,125)
        IEOF=0
10     CONTINUE
        BUFFER IN (2,1) (Y(1,1),Y(4,125))
        IF(UNIT(2))20,50,40
20     CONTINUE
        IEOF=0
        NY=125
        WRITE(4,30)((Y(L,N),L=1,4),N=1,NY)
30     FORMAT(3(3X,F9.0,2F7.1,F9.0))
        DO 35 I=1,4
        DO 35 L=1,125
        Y(I,L)=0.0
35     CONTINUE
        GO TO 10
40     PRINT 900
900    FORMAT(* READ TAPE2 PARITY ERROR*)
        GO TO 10
50     IEOF=IEOF+1
        IF(IEOF.LT.2)GO TO 10
        END

```

IMP8AV (NSSDC)

This is a 7 track, 800 bpi tape
 record length is 500 words. Last record on tape is
 variable length - less than 500 words.

Data contained is from IMP-8 protons-1 hour averages
 There are 4 words per time point
 Time - Pdens., velocity and temperature

Dates of Data: 01/01/84 - 12/31/84

84010111.	14.2	489.7	113131.	84010112.	15.5	500.3	105916.	84010113.	15.1	490.8	109614.
84010114.	15.2	484.4	133223.	84010115.	14.4	472.0	143147.	84010121.	12.8	489.4	219067.
84010122.	14.2	499.1	230831.	84010123.	11.8	518.8	247544.	84010124.	9.4	519.0	208444.
84010202.	10.5	556.3	178184.	84010203.	10.9	537.2	203286.	84010204.	10.6	545.8	184558.
84010205.	9.5	529.6	208301.	84010207.	10.3	532.0	169998.	84010208.	7.4	497.9	142601.
84010212.	8.8	552.8	237043.	84010213.	8.5	554.3	231113.	84010214.	7.8	564.9	212833.
84010215.	6.7	568.9	224877.	84010216.	5.6	551.3	216063.	84010217.	5.0	545.2	193328.
84010218.	5.2	535.4	188280.	84010219.	5.2	519.6	164517.	84010220.	4.2	519.3	131542.
84010221.	4.2	520.8	142179.	84010222.	5.1	507.2	136460.	84010223.	6.5	501.1	139064.
84010301.	7.4	497.4	164167.	84010302.	7.5	494.9	183603.	84010303.	7.3	500.0	149882.
84010309.	11.5	468.2	134862.	84010313.	11.5	416.7	101773.	84010314.	12.3	415.9	105017.
84010315.	13.6	430.7	102803.	84010316.	16.0	434.3	100476.	84010317.	15.8	426.3	102204.
84010318.	15.1	412.0	104532.	84010319.	13.9	434.0	99552.	84010320.	15.2	426.9	88272.
84010321.	14.9	432.0	78876.	84010322.	10.8	417.6	83869.	84010323.	8.3	410.6	90658.
84010406.	18.9	496.0	298017.	84010408.	22.6	527.4	171751.	84010409.	22.7	512.6	100384.
84010410.	17.5	514.1	68690.	84010415.	12.0	575.9	409479.	84010416.	12.6	557.7	377293.
84010418.	11.6	585.1	319823.	84010419.	11.5	568.5	312310.	84010421.	11.6	574.2	345874.
84010422.	12.8	568.2	323962.	84010423.	13.4	549.4	261496.	84010502.	10.1	566.8	318503.
84010503.	12.2	583.8	293682.	84010504.	9.7	564.9	275751.	84010512.	4.6	612.0	137422.
84010513.	4.1	626.1	143635.	84010514.	4.4	591.5	151001.	84010515.	4.3	604.3	175331.
84010516.	4.2	607.9	176045.	84010517.	4.3	613.1	169388.	84010518.	4.4	609.6	172925.
84010519.	4.1	602.0	156016.	84010520.	3.9	586.7	148916.	84010521.	4.2	593.0	158014.
84010523.	4.2	579.8	128063.	84010524.	4.1	575.9	126756.	84010602.	4.7	573.6	135811.
84010604.	4.7	601.1	154159.	84010607.	4.7	569.4	145684.	84010608.	4.7	556.0	138581.
84010609.	4.5	536.6	122385.	84010610.	3.9	536.2	97707.	84010611.	4.1	537.0	88601.
84010614.	4.7	511.7	84268.	84010615.	4.7	512.5	69741.	84010616.	4.7	499.1	80137.
84010719.	5.8	340.6	135153.	84010720.	7.3	341.8	120339.	84010721.	7.4	356.3	98388.
84011217.	4.8	400.0	87182.	84011218.	5.2	392.0	93741.	84011219.	5.0	387.2	85475.
84011220.	4.2	375.4	70397.	84011221.	5.2	398.3	82305.	84011222.	5.5	403.5	58296.
84011223.	5.6	398.2	62817.	84011303.	6.3	371.2	39064.	84011304.	6.6	388.4	44747.
84011312.	17.9	414.0	79569.	84011313.	17.9	412.6	76719.	84011315.	15.1	400.0	57070.
84011316.	15.1	398.0	55869.	84011317.	24.5	410.5	76233.	84011318.	21.3	407.5	72840.
84011319.	19.6	420.6	99981.	84011320.	17.4	426.8	127703.	84011405.	5.3	439.0	84897.
84011406.	4.8	428.8	91839.	84011407.	5.0	422.2	103140.	84011408.	5.5	419.3	98049.
84011409.	4.7	413.2	92348.	84011412.	3.8	413.5	84675.	84011413.	3.5	390.4	77054.
84011416.	3.4	383.7	55035.	84011417.	3.0	380.5	76264.	84011418.	3.7	392.8	66218.
84011419.	4.3	404.1	65841.	84011421.	4.6	403.0	64642.	84011422.	5.8	411.6	98121.
84011423.	5.9	410.6	100259.	84011424.	6.4	405.1	97307.	84011501.	7.4	402.0	98188.
84011502.	7.1	397.6	93075.	84011503.	7.2	396.0	97995.	84011504.	8.1	419.1	86528.
84011505.	8.3	424.8	87790.	84011506.	8.2	409.2	97585.	84011507.	6.9	389.0	84560.
84011514.	7.5	362.2	62757.	84011515.	7.3	359.9	67669.	84011516.	7.7	383.3	75654.
84011517.	7.6	371.3	81276.	84011518.	7.6	369.0	80688.				
84011519.	7.9	365.6	90762.	84011520.	8.8	377.7	108326.	84011521.	8.7	377.9	99789.
84011522.	8.4	381.6	89651.	84011524.	8.7	364.2	82449.	84011601.	9.0	354.1	68519.
84011602.	9.8	347.1	54154.	84011603.	9.8	350.3	55350.	84011604.	11.2	350.9	54995.
84011605.	13.2	355.0	56262.	84011606.	15.0	359.5	55656.	84011607.	12.4	359.0	46239.
84011608.	13.7	360.7	45659.	84011609.	15.3	360.4	41498.	84011610.	16.1	372.7	51871.
84011613.	15.2	353.3	70631.	84011614.	12.8	365.0	84715.	84011615.	12.4	365.7	83391.
84011621.	13.2	345.2	78515.	84011622.	11.6	342.8	75917.	84011623.	11.1	343.1	83254.
84011624.	9.2	364.3	76721.	84011701.	9.6	360.9	66115.	84011702.	10.1	363.9	61910.
84011703.	8.7	351.5	50905.	84011704.	8.4	356.3	53466.	84011705.	9.4	352.3	49512.
84011706.	9.5	359.0	47479.	84011707.	10.0	370.1	50711.	84011709.	12.0	354.9	47836.
84011710.	12.9	353.6	48836.	84011713.	12.9	349.1	46901.	84011714.	12.8	340.7	42648.
84011715.	12.6	339.0	45683.	84011716.	13.2	333.0	43517.	84011717.	13.0	332.5	43363.
84011718.	12.3	332.3	40412.	84011719.	12.3	327.3	39382.	84011720.	13.1	321.1	34118.
84011723.	12.5	320.9	32792.	84011801.	13.7	311.6	28125.	84011802.	13.3	309.1	31772.
84011803.	13.8	309.6	32186.	84011804.	14.9	312.4	32177.	84011805.	16.7	317.6	31692.
84011806.	17.1	323.9	30538.	84011807.	18.0	324.7	32271.	84011808.	18.6	323.3	35550.
84011809.	17.8	315.9	35866.	84011810.	17.8	313.1	30883.	84011814.	15.9	318.0	25845.
84011815.	19.2	318.4	22596.	84011816.	16.4	318.0	30856.	84011818.	23.1	329.0	38381.
84011819.	22.7	334.5	35485.	84011820.	24.8	330.4	31235.	84011821.	27.8	329.4	25832.
84011822.	25.5	326.8	22412.	84011823.	27.5	323.2	16288.	84011824.	27.6	322.0	16568.
84011901.	35.9	315.9	25518.	84011904.	49.3	335.1	44100.	84011905.	43.3	330.1	62159.
84011917.	13.7	438.6	154395.	84011918.	13.4	404.4	196294.	84011919.	15.5	398.4	189489.

84022105.	11.8	482.4	106986.	84022106.	11.3	473.2	108971.	84022107.	11.5	465.2	97734.
84022108.	10.9	464.9	98235.	84022118.	9.8	430.6	97440.	84022119.	9.7	434.6	101779.
84022123.	6.1	446.0	79344.	84022124.	7.5	414.3	85240.	84022201.	5.9	452.2	71196.
84022202.	6.2	450.5	82962.	84022203.	5.7	425.5	60026.	84022207.	6.6	444.4	76592.
84022208.	6.7	436.3	76560.	84022209.	6.5	437.3	77736.	84022210.	6.5	420.8	76681.
84022211.	6.3	419.9	66281.	84022212.	6.3	424.4	63497.	84022213.	7.3	404.2	83638.
84022214.	7.7	406.8	86913.	84022217.	6.5	404.4	60853.	84022218.	6.9	402.2	59217.
84022219.	6.9	399.7	53755.	84022301.	8.7	385.9	45537.	84022302.	10.4	409.4	44056.
84022303.	9.0	389.9	60549.	84022304.	8.6	386.7	60019.	84022305.	9.4	388.6	60991.
84022306.	11.4	400.3	66677.	84022307.	11.8	399.7	62042.	84022311.	22.0	389.1	32510.
84022312.	19.5	390.7	39120.	84022313.	13.7	405.5	62302.	84022314.	12.0	415.3	125545.
84022315.	9.4	438.4	170620.	84022316.	10.8	454.2	189902.	84022317.	9.1	508.3	209658.
84022318.	8.4	517.2	236400.	84022319.	8.3	512.0	218780.	84022320.	8.5	511.4	207333.
84022321.	7.9	505.3	223122.	84022401.	7.5	505.3	179607.	84022402.	7.0	504.3	184179.
84022403.	7.6	500.5	195253.	84022404.	6.8	522.1	219162.	84022405.	6.4	538.2	221880.
84022406.	4.6	602.2	250153.	84022407.	5.5	566.0	198115.	84022408.	4.9	568.5	169578.
84022409.	4.8	571.0	158231.	84022410.	5.3	634.6	347406.	84022411.	4.7	600.3	330393.
84022501.	4.9	500.3	218715.	84022502.	5.3	488.2	211699.	84022503.	5.4	451.9	169546.
84022504.	5.5	442.4	134496.	84022505.	5.8	440.3	138391.	84022506.	4.4	435.9	122185.
84022507.	4.9	417.5	86716.	84022509.	4.0	434.3	68646.	84022510.	4.8	427.0	86639.
84022511.	5.5	413.9	81951.	84022512.	4.5	422.6	75088.	84022513.	6.4	411.5	75488.
84022514.	6.3	416.0	79823.	84022522.	9.1	361.1	73287.	84022523.	7.1	382.5	88293.
84022524.	6.5	379.9	72338.	84022601.	6.6	377.9	73817.	84030111.	10.8	449.2	124499.
84030116.	10.3	505.3	204784.	84030117.	10.1	492.6	219117.	84030118.	10.2	506.7	203425.
84030119.	10.4	539.9	227617.	84030120.	11.7	529.8	317870.	84030122.	4.6	570.3	463369.
84030123.	5.6	603.7	488403.	84030124.	4.8	626.5	460583.	84030207.	7.0	627.4	443829.
84030208.	5.9	620.6	457069.	84030209.	5.7	631.0	459304.	84030213.	3.1	647.9	207356.
84030214.	3.0	628.1	187486.	84030215.	2.8	615.9	246164.	84030216.	3.0	644.6	288881.
84030217.	2.8	664.7	266240.	84030218.	2.9	645.6	265062.	84030219.	5.3	696.4	355591.
84030220.	5.1	710.5	401930.	84030221.	6.0	736.2	437494.	84030222.	13.9	750.3	206290.
84030223.	7.4	700.7	309803.	84030224.	8.3	709.7	278236.	84030301.	2.5	738.2	144100.
84030302.	2.7	715.7	164434.	84030303.	6.1	690.9	75048.	84030304.	6.4	673.1	93557.
84030311.	4.2	633.3	147628.	84030312.	3.4	618.8	124627.	84030313.	4.1	581.2	104794.
84030314.	3.3	568.4	101410.	84030315.	3.3	563.3	82091.	84030316.	2.9	560.0	75897.
84030317.	3.6	546.1	86313.	84030318.	3.1	547.8	71025.	84030319.	3.9	535.2	58782.
84030320.	3.5	527.1	64434.	84030321.	3.4	511.5	83555.	84030322.	3.4	507.2	77772.
84030323.	2.9	511.4	87005.	84030324.	3.1	511.0	92678.	84030401.	3.5	502.9	70163.
84030402.	3.2	502.1	68015.	84030403.	3.6	511.9	93909.	84030404.	3.4	508.1	68245.
84030412.	6.1	464.9	98862.	84030413.	3.8	444.9	79473.	84030414.	4.2	438.7	83720.
84030416.	6.7	438.0	91030.	84030417.	7.0	433.2	67980.				
84030418.	7.2	441.5	80875.	84030419.	6.2	444.9	81556.	84030420.	5.6	450.6	78117.
84030421.	2.3	434.9	113874.	84030422.	1.6	428.4	139263.	84030501.	1.5	494.0	84913.
84030502.	1.4	487.4	105964.	84030503.	1.1	471.4	78150.	84030504.	1.1	468.9	81895.
84030505.	2.3	400.6	102976.	84030506.	3.3	410.6	74657.	84030507.	4.4	376.0	63895.
84030508.	4.6	391.3	54220.	84030509.	4.3	379.8	54142.	84030510.	4.1	370.5	51738.
84030511.	4.6	372.2	46496.	84030512.	4.9	378.0	45180.	84030513.	4.9	368.6	39188.
84030514.	4.9	349.1	19564.	84030515.	5.0	336.3	19345.	84030516.	5.0	347.5	23528.
84030517.	5.5	357.1	26257.	84030603.	20.3	402.0	127754.	84030615.	4.2	584.3	391673.
84030616.	3.7	594.5	424996.	84030617.	4.8	589.3	396359.	84030618.	5.8	588.1	397025.
84030701.	7.6	551.4	235309.	84030702.	7.9	537.6	262747.	84030703.	7.1	513.4	244257.
84030704.	7.8	543.2	274403.	84030705.	7.4	538.0	251333.	84030706.	7.0	531.7	255537.
84030707.	6.3	512.0	212794.	84030712.	5.2	528.3	177735.	84030713.	5.6	511.0	142920.
84030714.	6.3	544.8	229814.	84030715.	6.2	581.7	321851.	84030716.	5.9	583.6	292618.
84030717.	6.2	542.9	194598.	84030720.	7.5	512.2	150255.	84030806.	5.1	541.9	125713.
84030809.	5.9	546.9	122984.	84030810.	5.5	532.8	116828.	84030811.	5.7	550.8	120341.
84030812.	5.2	537.9	128863.	84030813.	5.2	540.6	123559.	84030814.	6.0	566.9	144196.
84030904.	6.0	518.0	150432.	84030905.	5.8	519.8	146759.	84030906.	5.4	510.3	119948.
84030907.	4.7	504.6	108454.	84030908.	6.9	492.0	113890.	84030909.	5.9	486.2	114358.
84030910.	6.7	483.6	119778.	84030911.	6.1	470.1	97952.	84030912.	5.7	466.0	95185.
84031410.	5.5	419.7	110566.	84031411.	5.5	434.8	124923.	84031412.	6.1	450.5	135138.
84031413.	5.7	429.0	127680.	84031414.	6.6	450.0	145249.	84031415.	5.8	411.3	123932.
84031416.	5.9	436.7	148104.	84031417.	6.0	430.2	151400.	84031418.	5.9	440.3	156038.
84031419.	5.4	429.1	137719.	84031420.	5.6	453.7	135909.	84031421.	5.0	421.5	96160.
84031422.	5.1	394.9	72530.	84031423.	4.9	396.2	73319.	84031424.	5.5	390.8	69389.

84042720.	5.2	535.1	193372.	84042721.	6.2	547.7	167802.	84050322.	16.6	419.7	24729.
84050408.	7.5	472.9	33455.	84050409.	5.0	471.1	72165.	84050410.	3.9	467.2	94527.
84050412.	12.9	458.0	22979.	84050413.	11.5	453.9	26215.	84050414.	15.1	438.2	38844.
84050415.	14.8	432.2	37926.	84050418.	15.9	443.3	39758.	84050419.	17.9	444.4	47425.
84050420.	19.1	447.6	43071.	84050421.	17.1	448.1	42461.	84050508.	11.3	371.9	40542.
84050509.	14.8	377.7	61679.	84050608.	12.4	356.4	52043.	84050609.	13.6	364.7	56314.
84050610.	15.7	374.7	45291.	84050611.	13.7	377.9	50712.	84050612.	15.3	368.2	62301.
84050613.	13.7	366.6	61961.	84050614.	10.5	347.6	58711.	84050615.	12.7	341.0	57557.
84050616.	12.4	355.2	51748.	84050617.	12.6	352.4	54538.	84050618.	13.2	348.2	55281.
84050619.	12.1	348.9	51579.	84050620.	8.7	318.6	45835.	84050703.	8.7	328.7	37273.
84050704.	8.5	326.6	44196.	84050710.	12.5	345.8	39469.	84050711.	12.4	344.6	35044.
84050713.	12.5	341.5	40552.	84050715.	12.6	334.0	36457.	84050716.	12.8	335.7	35670.
84050717.	12.6	331.6	40548.	84050718.	12.4	323.3	34027.	84050719.	12.8	332.4	31867.
84050902.	15.6	366.6	83954.	84050903.	15.0	370.1	98580.	84050904.	15.9	374.3	104764.
84050905.	14.0	381.6	97779.	84050906.	14.4	380.9	106393.	84050907.	15.0	383.6	110340.
84050908.	14.7	388.2	104623.	84050910.	12.4	383.5	95869.	84050911.	12.9	390.6	97768.
84050912.	14.2	397.1	91830.	84050913.	14.2	388.0	90351.	84051003.	12.8	372.9	90726.
84051004.	12.6	372.5	80470.	84051103.	21.1	479.8	91508.	84051104.	24.7	488.6	75895.
84051105.	25.9	492.7	82675.	84051106.	26.3	464.1	40170.	84051107.	34.9	463.2	37524.
84051114.	20.0	473.1	38127.	84051117.	21.9	464.0	41786.	84051118.	23.1	462.7	38995.
84051119.	18.6	449.2	37020.	84051203.	38.3	423.6	30313.	84052202.	7.6	570.2	218722.
84052203.	7.7	586.5	222870.	84052204.	7.0	585.6	218641.	84052206.	8.8	580.8	201635.
84052207.	8.6	596.6	176521.	84052209.	8.5	567.1	213269.	84052210.	8.6	570.8	220126.
84052221.	7.5	597.3	225998.	84052222.	7.0	604.8	203697.	84052223.	6.3	596.6	178432.
84052224.	6.0	605.9	197437.	84052301.	6.4	629.1	224118.	84052302.	6.7	634.9	235740.
84052303.	6.7	622.6	212330.	84052304.	7.0	624.2	246224.	84052305.	8.1	634.3	309449.
84052306.	7.2	619.8	237409.	84052307.	7.6	592.5	199896.	84052313.	6.4	633.1	238945.
84052314.	6.4	627.8	205273.	84052315.	6.5	622.1	201977.	84052316.	6.6	628.8	204040.
84052321.	4.6	665.0	224552.	84052322.	4.6	667.2	212439.	84052323.	3.3	641.8	172128.
84052324.	4.2	632.5	188494.	84052401.	4.0	630.9	167882.	84052402.	4.2	613.3	157448.
84052403.	3.6	603.9	135802.	84052404.	5.5	649.5	192156.	84052406.	6.6	643.4	200644.
84052407.	5.4	640.3	162506.	84052824.	4.0	453.0	349769.	84052901.	4.2	464.8	331172.
84052912.	3.2	441.3	129958.	84052913.	3.5	441.4	139806.	84052914.	3.4	432.5	114127.
84052922.	3.0	388.9	64043.	84053013.	5.6	411.5	61796.	84053014.	5.7	413.8	66044.
84060106.	7.6	327.1	51237.	84060107.	7.2	329.0	46772.	84060201.	16.1	370.0	77960.
84060202.	16.6	371.2	80537.	84060203.	11.4	385.5	110448.	84060204.	10.8	389.4	112608.
84060205.	10.7	395.7	109778.	84060206.	10.6	395.0	109906.	84060207.	10.2	388.5	102344.
84060211.	13.4	420.9	105589.	84060212.	12.8	405.0	102796.				
84060213.	13.7	387.8	84669.	84060214.	14.3	380.1	75932.	84060215.	15.0	374.9	72492.
84060216.	17.6	388.3	83750.	84060217.	16.8	370.3	71072.	84060310.	33.4	422.0	117288.
84060311.	36.2	426.3	156200.	84060312.	22.8	431.1	143596.	84060313.	14.6	466.8	182227.
84060314.	15.6	477.4	172451.	84060315.	20.7	475.4	189671.	84060316.	28.0	474.3	145552.
84060318.	20.5	463.0	83558.	84060319.	14.1	478.3	170358.	84060320.	14.4	511.4	214017.
84060321.	14.6	499.3	201763.	84060323.	12.6	496.2	168418.	84060324.	11.8	499.2	163343.
84060401.	11.6	510.5	166013.	84060402.	11.2	496.7	158339.	84060403.	11.1	498.5	155336.
84060404.	10.6	496.2	125423.	84060405.	10.8	500.9	128200.	84060406.	11.8	535.7	170303.
84060407.	11.5	536.6	170791.	84060408.	11.2	540.2	174409.	84060409.	11.1	545.6	157473.
84060410.	8.4	576.5	177599.	84060411.	7.4	588.8	221663.	84060412.	7.0	584.5	236162.
84060413.	7.5	627.0	292441.	84060414.	7.7	606.3	304751.	84060415.	7.5	609.1	280548.
84060416.	6.3	592.2	240683.	84060422.	7.4	621.1	291629.	84060423.	7.3	605.5	262511.
84060424.	7.8	603.6	255785.	84060501.	7.7	603.7	245903.	84060507.	6.4	603.3	234423.
84060508.	6.0	606.5	194059.	84060509.	6.6	567.3	156874.	84060510.	7.5	578.9	176345.
84060511.	7.8	564.2	173080.	84060512.	7.8	577.0	173972.	84060513.	7.4	576.7	154686.
84061112.	3.8	607.5	214073.	84061114.	3.8	541.4	135250.	84061115.	3.7	550.6	139744.
84061116.	3.6	582.5	136720.	84061117.	3.2	546.7	129443.	84061118.	3.4	570.0	139258.
84061119.	3.5	558.6	142648.	84061208.	3.4	492.5	101091.	84061209.	3.7	566.8	150580.
84061210.	3.6	520.2	151992.	84061211.	3.5	535.5	154339.	84061212.	3.5	516.0	157758.
84061213.	3.7	500.3	153565.	84061215.	3.5	465.5	91006.	84061216.	4.1	466.1	90137.
84061217.	4.0	464.4	82968.	84061218.	3.2	458.6	80787.	84061219.	3.4	455.3	80219.
84061608.	6.9	685.7	391222.	84061609.	7.5	688.0	379657.	84061610.	8.1	695.2	409954.
84061611.	6.7	675.3	345530.	84061612.	5.7	681.5	307243.	84061613.	4.8	677.9	374367.
84061614.	5.5	582.7	206389.	84061615.	5.6	609.7	232922.	84061616.	5.2	631.9	280254.
84061617.	4.4	607.7	271836.	84061618.	4.1	602.0	229744.	84061619.	4.7	610.8	178293.
84061620.	5.7	630.1	188492.	84061621.	5.7	626.0	171261.	84061622.	5.6	625.3	156065.

84071114.	6.3	366.9	68054.	84071115.	8.4	380.2	62683.	84071116.	8.7	366.4	59260.
84071119.	9.6	365.7	54658.	84071120.	9.8	375.8	57948.	84071121.	9.1	369.6	54598.
84071122.	11.0	350.2	66471.	84071201.	9.9	403.2	68054.	84071202.	9.2	405.3	68487.
84071203.	15.8	413.4	86793.	84071204.	27.1	420.7	56485.	84071205.	26.7	414.1	56048.
84071206.	19.5	406.9	75685.	84071207.	14.6	407.4	94190.	84071208.	11.7	401.4	75426.
84071209.	10.9	406.7	82691.	84071210.	11.6	408.1	100295.	84071211.	11.9	397.5	96837.
84071212.	6.8	402.8	66866.	84071213.	7.4	402.2	68229.	84071217.	8.2	409.8	151166.
84071221.	8.3	365.9	119715.	84071222.	9.2	379.3	134527.	84071223.	14.0	395.7	170231.
84071224.	15.4	398.0	187299.	84071301.	16.7	410.2	214587.	84072007.	4.4	539.9	117483.
84072008.	5.0	549.8	128005.	84072009.	4.9	548.3	134598.	84072010.	4.7	542.5	139531.
84072011.	4.7	542.3	140461.	84072012.	4.7	538.6	141794.	84072013.	3.9	528.1	125865.
84072014.	4.1	526.6	130260.	84072023.	3.2	572.3	204585.	84072024.	2.9	562.0	144850.
84072101.	3.0	567.9	139992.	84072102.	2.9	536.8	95264.	84072103.	2.8	527.8	72331.
84072104.	2.4	521.6	67495.	84072105.	2.9	552.6	105268.	84072110.	3.8	544.8	137875.
84072111.	3.6	516.7	76327.	84072112.	3.9	498.2	72470.	84072113.	4.1	495.4	69436.
84072114.	4.1	493.7	70837.	84072115.	4.3	489.1	75898.	84072117.	5.0	501.5	75993.
84072118.	4.9	497.5	77752.	84072119.	5.5	517.7	100776.	84072203.	5.1	476.2	89771.
84072204.	4.7	508.7	88216.	84072205.	5.2	475.3	99187.	84072206.	5.0	457.4	103736.
84072207.	5.1	473.3	103111.	84072210.	5.5	457.3	72227.	84072211.	5.7	464.3	65496.
84072212.	6.4	455.5	63878.	84072213.	7.3	431.6	62750.	84072214.	7.3	430.7	78067.
84072215.	7.1	440.7	68694.	84072216.	7.2	444.6	65600.	84072217.	7.3	429.0	61506.
84072218.	7.3	427.2	53678.	84072219.	7.1	427.0	57121.	84072220.	7.4	431.6	72240.
84072221.	8.1	441.6	72239.	84072222.	8.4	444.9	76053.	84072223.	7.7	432.3	72832.
84072224.	7.9	425.3	68051.	84072301.	8.1	424.9	76459.	84072302.	8.4	436.2	77683.
84072303.	8.7	435.9	79848.	84072304.	8.4	424.3	74972.	84072305.	8.8	420.8	72762.
84072306.	8.4	418.9	70442.	84072307.	8.5	417.8	70865.	84072308.	8.4	421.3	74823.
84072310.	8.3	411.7	65674.	84072311.	8.5	432.2	63215.	84072312.	8.6	408.8	64597.
84072313.	8.7	408.3	64711.	84072314.	9.4	406.0	66113.	84072315.	8.9	410.9	56403.
84072317.	8.7	410.2	50118.	84072318.	9.3	399.6	46649.	84072319.	9.5	402.6	52604.
84072321.	10.0	381.5	51268.	84072322.	9.0	377.1	54189.	84072323.	8.8	380.6	40378.
84072324.	8.0	387.4	41011.	84072401.	8.8	391.2	47864.	84072402.	9.6	395.9	60052.
84072407.	13.2	434.9	180097.	84072408.	14.8	442.9	221028.	84072409.	15.5	451.3	228212.
84072410.	18.4	471.0	227062.	84072417.	5.2	465.5	120994.	84072418.	5.5	441.3	85279.
84072419.	6.0	446.4	91259.	84072420.	6.3	450.5	98051.	84072421.	6.2	438.2	92710.
84072422.	6.8	433.4	84991.	84072502.	8.6	416.4	54172.	84072503.	8.1	421.4	48745.
84072504.	8.2	404.9	44138.	84072505.	8.3	394.8	44214.				
84072506.	8.4	413.7	50434.	84072507.	8.4	415.5	47694.	84072508.	8.4	422.8	46932.
84072509.	8.3	409.6	45258.	84072510.	8.8	414.2	46327.	84072511.	8.4	407.2	49956.
84072512.	8.0	404.5	56600.	84072513.	9.0	404.7	59697.	84072516.	8.6	381.1	65562.
84072517.	8.8	383.0	67939.	84072518.	7.9	380.6	57389.	84072519.	8.5	381.3	65351.
84072520.	8.4	383.1	73498.	84072606.	11.6	308.8	108922.	84073106.	13.8	406.1	47856.
84073107.	14.2	399.4	52850.	84073108.	10.6	377.2	54822.	84073110.	19.0	388.7	51479.
84073111.	18.7	384.5	44801.	84073112.	17.3	377.3	41809.	84080110.	10.8	563.6	273537.
84080111.	10.1	562.5	292505.	84080112.	8.0	648.7	352999.	84080113.	9.1	653.0	360422.
84080114.	9.5	642.2	321190.	84080203.	7.2	640.1	230966.	84080204.	7.2	644.3	232862.
84080209.	6.6	585.7	181000.	84080210.	6.7	613.7	192770.	84080211.	6.2	617.0	181134.
84080212.	6.4	600.4	168264.	84080213.	6.2	598.1	173220.	84080214.	6.5	622.5	183476.
84080215.	5.9	606.2	161624.	84080301.	4.3	511.9	96434.	84080302.	4.6	519.0	107279.
84080303.	5.5	559.4	134239.	84080304.	5.6	520.6	123754.	84080305.	5.6	533.6	134136.
84080311.	5.7	549.4	123013.	84080312.	5.4	538.0	118019.	84080313.	5.0	541.0	110762.
84080319.	6.0	539.8	145622.	84080320.	6.1	511.6	146724.	84080321.	6.2	511.4	136243.
84080322.	6.3	500.7	142195.	84080323.	6.4	504.8	134124.	84080324.	6.7	504.2	128648.
84080401.	6.1	495.2	127444.	84080402.	5.6	497.5	123478.	84080403.	5.2	503.8	117758.
84080404.	5.0	499.4	123378.	84080416.	6.0	503.0	151631.	84080417.	5.7	486.3	130344.
84080418.	5.3	486.1	124227.	84080419.	5.0	476.0	106829.	84080420.	5.6	478.6	124283.
84080421.	5.7	501.4	129775.	84080422.	5.5	474.7	123100.	84080423.	5.4	463.9	125734.
84080424.	5.3	456.2	113702.	84080501.	4.9	467.4	134133.	84080502.	4.6	451.6	120988.
84080503.	4.5	451.0	128855.	84080504.	4.8	452.9	106330.	84080505.	4.8	455.2	113468.
84080506.	4.8	450.4	111925.	84080507.	4.6	455.7	115147.	84080508.	4.7	459.2	114793.
84080510.	5.4	475.0	118372.	84080511.	5.4	462.3	120295.	84080518.	5.0	433.4	98483.
84080519.	5.5	435.4	94894.	84080601.	4.9	417.5	100454.	84080602.	5.4	422.1	107051.
84080603.	4.9	416.6	101239.	84080604.	5.1	419.5	90669.	84080605.	4.9	429.1	82958.
84080606.	5.6	411.8	101911.	84080607.	5.4	406.1	97431.	84080608.	5.1	392.4	95265.
84080609.	5.4	390.4	101271.	84080610.	5.4	389.8	100126.	84080611.	5.3	377.4	104563.

84100321.	12.1	370.7	115262.	84100322.	10.3	369.4	102256.	84100323.	10.9	369.7	95544.
84100324.	11.6	364.3	105120.	84100401.	12.6	379.2	68264.	84100402.	11.9	380.2	74317.
84100403.	11.4	372.3	75873.	84100404.	12.3	381.5	61178.	84100410.	11.5	350.6	89475.
84100411.	11.5	351.4	87179.	84100413.	13.3	347.5	82670.	84100414.	12.7	340.9	89552.
84100417.	18.3	369.9	66562.	84100418.	19.6	367.9	68157.	84100419.	19.6	367.5	68071.
84100420.	21.1	367.2	67035.	84100421.	20.5	361.8	69799.	84100422.	21.6	364.8	67850.
84100423.	21.4	362.7	63258.	84100424.	21.4	363.9	52136.	84100501.	24.1	368.9	23770.
84100502.	23.6	367.0	20728.	84100608.	27.3	417.1	105307.	84100722.	5.7	610.7	240524.
84100723.	5.8	627.6	285839.	84100724.	5.1	658.2	242537.	84100801.	6.4	697.8	342667.
84100809.	5.0	669.9	227524.	84100810.	6.7	702.5	336501.	84100811.	6.6	701.8	314528.
84100812.	6.5	693.9	336389.	84101516.	20.2	451.9	46590.	84101517.	22.3	450.5	51082.
84101518.	20.7	452.0	40540.	84101519.	13.1	435.9	55754.	84101520.	12.8	449.5	86340.
84101521.	14.4	479.4	98464.	84101523.	13.9	464.9	105831.	84101524.	13.2	475.1	89167.
84101601.	15.4	476.5	110047.	84101602.	17.5	475.3	93819.	84101608.	6.1	468.3	128316.
84101609.	6.5	465.4	110601.	84101610.	7.2	470.3	106691.	84101617.	6.7	443.9	93575.
84101618.	6.6	441.9	98062.	84101619.	6.3	438.8	88808.	84101620.	5.6	441.0	79798.
84101621.	6.1	439.2	78499.	84101622.	6.1	438.1	72503.	84101623.	5.8	436.3	75277.
84101720.	6.5	353.5	21444.	84101721.	6.8	358.2	26640.	84101722.	8.4	362.7	26077.
84101723.	10.1	356.8	19812.	84101724.	10.4	357.2	23136.	84101801.	10.0	369.5	26170.
84101802.	9.8	374.2	22105.	84101803.	21.7	377.2	65994.	84101804.	23.9	391.8	77268.
84101805.	24.4	394.4	73365.	84101806.	26.4	381.8	339186.	84101904.	15.0	534.4	225597.
84101905.	12.9	534.3	206707.	84101906.	11.9	583.3	170686.	84101907.	12.4	596.7	225085.
84101908.	12.7	612.9	284434.	84101909.	12.6	617.6	310349.	84102010.	6.1	684.5	223354.
84102106.	5.7	736.2	225291.	84102715.	23.8	265.5	470989.	84102717.	8.2	430.9	104669.
84102718.	8.9	433.5	96571.	84102719.	8.5	430.6	95807.	84102720.	10.4	431.7	95704.
84102721.	12.1	439.4	103128.	84102722.	11.8	431.5	102449.	84102723.	10.4	433.8	94293.
84102724.	9.8	425.7	95620.	84102801.	9.7	424.5	101132.	84102808.	9.6	455.0	123421.
84102810.	10.0	448.4	118637.	84102811.	9.2	440.3	116771.	84102812.	7.6	431.2	92127.
84102813.	8.2	439.8	96192.	84102814.	9.2	461.4	113780.	84102815.	8.3	452.8	90405.
84102816.	9.3	449.9	95030.	84102817.	7.8	458.0	87922.	84102818.	9.2	460.4	104381.
84102819.	9.6	452.5	101331.	84102920.	10.0	388.9	70959.	84102921.	10.2	385.0	67593.
84102922.	11.2	389.1	68304.	84102923.	11.7	392.7	63599.	84102924.	11.9	395.2	64875.
84103001.	11.6	389.8	73226.	84103002.	10.4	369.8	76452.	84103012.	11.3	377.6	78983.
84103013.	11.4	377.6	74990.	84103014.	11.9	380.4	72558.				
84103015.	10.9	379.3	82412.	84103119.	44.9	340.1	24078.	84103120.	31.2	349.2	39386.
84103121.	29.3	353.5	37757.	84103124.	20.3	425.0	158299.	84110101.	26.2	431.5	133738.
84110102.	24.4	441.9	125348.	84110103.	25.2	447.7	94073.	84110104.	23.4	429.5	92966.
84110105.	30.0	429.4	80579.	84110106.	45.9	449.1	84932.	84110107.	62.2	469.3	69744.
84110108.	87.6	456.7	81926.	84110119.	16.1	445.4	96754.	84110120.	8.4	436.9	138107.
84110206.	10.0	400.1	196554.	84110207.	12.3	400.8	220345.	84110208.	15.6	416.6	308216.
84110314.	11.5	553.4	199035.	84110315.	12.4	560.9	219209.	84110316.	10.9	551.2	197955.
84110322.	10.2	578.7	272539.	84110323.	8.8	589.4	188851.	84110324.	8.0	590.0	182715.
84111008.	6.1	631.3	164630.	84111104.	5.9	593.5	157588.	84111105.	5.6	587.5	145361.
84111106.	5.8	579.1	144845.	84111107.	6.2	571.9	146394.	84111205.	6.1	527.4	127435.
84111206.	5.1	569.5	217706.	84111207.	5.4	576.3	227629.	84111214.	4.8	508.4	170576.
84111419.	16.8	442.8	54275.	84111420.	18.6	447.4	50282.	84111421.	20.2	439.9	50011.
84111422.	14.7	417.9	42185.	84111423.	17.5	436.3	45587.	84111424.	20.7	425.0	77607.
84111501.	23.3	477.0	73777.	84111502.	28.2	475.5	70095.	84111523.	17.0	513.3	73280.
84111524.	14.4	544.2	91057.	84111601.	15.8	573.0	256483.	84112213.	20.3	499.2	69151.
84112214.	20.3	493.9	71774.	84120509.	5.0	710.2	233312.	84120510.	4.5	714.8	221493.
84120511.	4.4	705.1	225199.	84120512.	4.6	710.1	283533.	84120513.	5.0	688.6	242749.
84120515.	4.2	685.5	224349.	84120516.	4.4	683.4	262227.	84120517.	4.5	678.2	250471.
84120518.	5.0	687.4	311263.	84120521.	4.8	642.4	185043.	84120522.	4.8	662.3	205271.
84120612.	5.5	679.3	196122.	84120614.	6.3	616.2	236580.	84120615.	6.0	614.9	212402.
84120619.	6.2	659.9	240778.	84120620.	5.8	639.9	228404.	84120621.	6.3	631.5	234744.
84120702.	4.9	616.0	191069.	84120714.	4.5	648.6	169760.	84120715.	4.4	643.4	183840.
84120716.	3.7	644.2	181652.	84121021.	12.9	364.9	64221.	84121022.	13.0	363.2	63962.
84121119.	13.8	486.5	149550.	84121121.	13.6	592.1	236926.	84121206.	5.7	641.9	228284.
84121812.	5.5	586.8	130809.	84121813.	5.7	592.8	161135.	84121814.	5.7	585.4	139770.
84121820.	3.8	550.2	105720.	84121821.	5.1	544.5	124463.	84121913.	6.7	481.7	74902.
84121914.	6.0	477.5	73171.	84121915.	5.9	472.9	72916.	84121917.	6.8	459.9	75737.
84122104.	8.2	372.5	67913.	84122105.	9.9	370.3	60156.	84122115.	54.4	376.9	45753.
84122116.	40.8	370.4	78488.	84122117.	51.1	363.5	60285.	84122118.	82.8	387.2	64301.
84122317.	20.3	452.3	33881.	84122318.	21.8	453.2	37897.	84122321.	8.2	439.7	77260.

9201222.	10.8	390.0	84148.	92012823.	10.6	387.9	912.	92012824.	9.3	401.5	72535.
92012901.	9.3	410.4	79687.	92012902.	9.3	399.3	85683.	92012903.	10.0	398.0	79629.
92012904.	10.1	391.0	75644.	92012905.	10.7	382.1	76313.	92012906.	10.5	403.4	90083.
92012907.	10.7	391.1	117876.	92012914.	13.0	408.0	88660.	92012915.	14.2	402.9	87706.
92012916.	13.5	398.6	81162.	92012917.	12.3	394.4	73023.	92012918.	13.0	370.2	66298.
92012919.	13.9	363.9	59698.	92012920.	15.7	373.5	54134.	92012921.	11.7	390.1	76175.
92012922.	7.6	385.0	113082.	92012923.	7.8	386.6	127430.	92012924.	9.2	418.8	140124.
92013001.	9.1	400.8	137579.	92013002.	9.1	380.7	127716.	92013013.	10.8	388.2	85906.
92013014.	10.4	401.4	81369.	92013015.	10.8	397.5	75068.	92013016.	11.3	403.5	84456.
92013017.	10.5	382.2	74788.	92013018.	10.4	370.9	74067.	92013019.	10.9	404.5	90080.
92013020.	12.0	403.0	90844.	92013021.	12.4	395.6	82807.	92013022.	13.8	399.0	79173.
92013023.	10.7	399.7	75382.	92013024.	11.8	416.4	96830.	92013101.	12.8	418.4	124947.
92013102.	12.9	442.4	160358.	92013103.	12.8	442.3	173535.	92013104.	11.9	437.6	173681.
92013105.	12.8	449.6	189580.	92013107.	11.9	428.6	153658.	92013112.	8.4	450.5	185668.
92013113.	8.2	451.1	161971.	92020320.	42.6	513.5	234015.	92020323.	30.7	510.9	52637.
92020324.	15.4	504.5	101826.	92020404.	12.8	538.7	49808.	92020405.	13.1	525.8	55754.
92020406.	10.1	524.5	26895.	92020407.	12.5	510.8	55876.	92020408.	16.1	514.5	43084.
92020409.	14.1	507.9	53897.	92020410.	9.7	499.3	55262.	92020411.	13.3	493.1	33686.
92020412.	20.1	487.4	28040.	92020413.	13.5	480.9	41225.	92020414.	13.6	468.7	51825.
92020415.	12.3	449.5	51829.	92020419.	33.1	459.2	60650.	92020420.	25.5	486.1	96063.
92020421.	11.4	495.2	136319.	92020503.	4.0	472.8	126123.	92020504.	3.9	467.3	141466.
92020505.	4.2	443.6	108069.	92020506.	4.5	438.2	109223.	92020507.	4.6	455.5	102829.
92020508.	4.5	458.5	95267.	92020509.	4.8	466.4	97673.				
92020510.	4.6	464.9	86415.	92020511.	4.6	458.2	94892.	92020512.	4.4	438.5	86218.
92020513.	4.5	451.5	84631.	92020514.	4.3	445.3	79019.	92020515.	4.3	447.0	84171.
92020516.	4.8	442.9	79467.	92020517.	4.7	434.8	101599.	92020518.	4.7	420.7	93987.
92020519.	4.7	431.2	81311.	92020520.	4.4	414.1	76082.	92020521.	4.8	422.9	70189.
92020522.	4.8	419.6	66379.	92020523.	5.5	430.5	74548.	92020524.	6.0	426.7	79581.
92020601.	6.4	419.5	91727.	92020602.	6.7	432.1	79830.	92020603.	5.8	423.5	65119.
92020604.	5.8	411.2	63306.	92020605.	6.1	421.6	61341.	92020606.	6.0	419.9	71487.
92020614.	6.1	410.8	69033.	92020615.	6.3	414.5	62707.	92020619.	7.9	404.7	63235.
92020620.	7.2	397.9	66043.	92020621.	6.9	384.7	60864.	92020622.	6.8	385.8	63518.
92020623.	7.5	396.8	78706.	92020701.	9.1	398.9	80792.	92020702.	10.8	408.1	84566.
92020703.	11.8	411.1	90725.	92020704.	12.4	429.9	86065.	92020705.	12.1	423.6	92875.
92020706.	12.6	427.8	91636.	92020707.	13.1	420.8	90401.	92020708.	12.0	425.4	86685.
92020713.	19.6	401.0	35442.	92020714.	20.7	398.0	36420.	92020715.	19.2	392.4	34909.
92020716.	20.7	387.1	29120.	92020717.	23.2	383.1	26504.	92020719.	22.7	389.0	37598.
92020720.	23.7	392.8	37473.	92020721.	23.0	381.5	38015.	92020722.	24.9	380.3	39165.
92020723.	31.5	373.5	38807.	92020724.	33.6	370.2	37492.	92020801.	40.4	364.6	31139.
92020919.	0.9	336.8	130546.	92020920.	1.7	325.4	85447.	92020921.	1.4	297.8	108139.
92020922.	1.6	287.6	81563.	92020923.	1.6	282.2	43576.	92021001.	1.2	309.0	51976.
92021002.	2.5	406.0	126323.	92021003.	3.4	484.7	177511.	92021004.	10.1	463.7	81956.
92021005.	15.3	498.2	146940.	92021006.	9.5	505.0	174556.	92021007.	4.8	491.7	114917.
92021013.	10.7	552.9	117098.	92021014.	15.1	560.5	76124.	92021015.	15.8	548.2	65167.
92021016.	21.9	526.7	69792.	92021017.	17.8	520.6	68448.	92021019.	20.2	500.5	65071.
92021020.	15.6	506.8	71295.	92021021.	8.0	496.4	62838.	92021022.	6.3	505.2	58920.
92021023.	6.7	504.3	62846.	92021024.	7.7	532.3	135128.	92021101.	8.3	531.9	158714.
92021108.	7.0	491.0	79142.	92021109.	7.1	503.7	97556.	92021110.	7.5	529.6	126732.
92021111.	6.8	516.8	109093.	92021112.	6.4	522.2	98562.	92021117.	6.7	501.0	88941.
92021118.	6.4	488.2	82230.	92021119.	6.5	479.6	71457.	92021120.	7.9	501.8	71945.
92021121.	8.6	490.7	79578.	92021122.	9.5	485.6	88782.	92021123.	9.8	493.0	87507.
92021124.	9.5	495.1	103367.	92021201.	8.6	492.9	112784.	92021202.	8.3	490.3	105119.
92021203.	8.1	490.5	103321.	92021204.	8.7	504.8	116170.	92021212.	8.6	450.3	72228.
92021213.	8.8	450.1	74782.	92021214.	9.3	450.4	63594.	92021215.	8.7	445.4	67219.
92021216.	8.6	428.3	65596.	92021217.	8.5	425.4	64209.	92021218.	7.1	411.1	57917.
92021219.	5.6	406.5	47976.	92021221.	4.9	392.1	59827.	92021222.	5.8	391.5	54969.
92021223.	6.7	394.3	52234.	92021224.	6.2	388.2	49449.	92021614.	10.6	345.2	49730.
92021622.	9.0	330.0	37131.	92021623.	8.9	328.4	33057.	92021624.	10.3	333.7	31661.
92021701.	10.3	328.4	33468.	92021702.	11.6	344.5	34818.	92021703.	11.6	334.5	38718.
92021704.	11.9	338.6	36334.	92021705.	10.9	333.9	32781.	92021706.	17.1	341.7	43487.
92021707.	22.5	360.8	49967.	92021708.	22.0	356.0	45860.	92021709.	35.0	385.4	50546.
92021710.	26.6	429.9	38580.	92021711.	14.8	420.5	112443.	92021712.	14.0	413.9	91238.
92021713.	35.9	416.8	58529.	92021714.	29.1	396.3	72484.	92021715.	21.7	397.8	95541.
92021716.	19.2	399.4	55487.	92021717.	27.5	394.5	15997.	92021718.	36.2	384.1	19734.
92021719.	32.8	387.5	18385.	92021813.	12.5	400.0	100553.				
92021814.	12.8	401.4	97634.	92022118.	36.7	497.0	42051.	92022119.	30.3	492.9	39731.

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92022120.	17.0	486.0	32643.	92022121.	20.7	473.8	10943.	92022122.	12.4	479.9	17547.
92022123.	14.0	482.6	15365.	92022124.	13.5	481.5	10943.	92022201.	16.4	475.7	14028.
92022202.	11.5	467.0	15139.	92022212.	4.7	435.8	57016.	92022213.	4.7	425.4	61127.
92022214.	4.8	437.2	73832.	92022215.	5.0	424.3	97848.	92022216.	3.7	426.7	155495.
92022217.	5.5	429.5	61653.	92022218.	5.5	409.7	57064.	92022219.	5.6	404.8	57782.
92022220.	5.7	401.9	53515.	92022221.	6.3	417.6	70619.	92022320.	8.2	382.8	46715.
92022321.	8.3	381.8	49117.	92022322.	8.8	379.7	50265.	92022323.	8.7	371.3	55755.
92022324.	8.8	367.4	61127.	92022401.	8.7	377.0	49957.	92022402.	8.4	373.8	56781.
92022403.	7.7	373.2	59911.	92022404.	7.1	369.1	60073.	92022405.	7.3	371.3	65042.
92022406.	7.9	387.3	68156.	92022407.	8.0	391.3	71915.	92022408.	15.9	451.6	141750.
92022409.	16.9	455.1	156109.	92022410.	18.2	438.0	154542.	92022411.	19.8	441.1	142717.
92022412.	18.7	427.2	144646.	92022413.	20.1	430.4	149387.	92022414.	21.2	424.7	145776.
92022415.	21.4	440.0	141484.	92022420.	36.2	451.0	104209.	92022421.	28.8	453.3	142082.
92022422.	27.2	428.9	168933.	92022423.	34.6	445.8	150372.	92022424.	42.5	453.0	106982.
92022501.	45.1	447.9	66171.	92022502.	41.8	443.0	51417.	92022503.	35.0	442.3	132829.
92022913.	9.4	553.9	159113.	92022914.	7.9	554.5	173654.	92030109.	12.2	492.7	144422.
92030110.	12.3	488.6	150065.	92030111.	12.1	476.9	132852.	92030112.	10.0	475.5	129177.
92030113.	9.2	470.2	111517.	92030213.	3.2	479.7	83589.	92030214.	3.2	480.2	84613.
92030219.	3.3	505.5	75375.	92030220.	3.2	457.3	78369.	92030221.	3.3	501.8	81397.
92030222.	3.0	500.0	81670.	92030223.	3.1	483.7	77589.	92030224.	3.4	496.6	77606.
92030301.	3.9	465.5	82835.	92030302.	4.1	453.2	73943.	92030303.	4.1	443.1	81460.
92030304.	4.4	455.9	87778.	92030305.	3.8	453.2	83888.	92030518.	9.1	430.7	100313.
92030519.	8.3	425.2	95502.	92030520.	8.4	429.4	88472.	92030521.	8.7	434.5	81647.
92030522.	8.9	417.3	69023.	92030523.	11.3	421.9	59606.	92030524.	12.4	415.4	63837.
92030601.	12.5	406.3	64389.	92030602.	12.8	401.8	67043.	92030603.	11.1	395.1	61360.
92030604.	12.2	405.6	65317.	92030605.	12.4	403.7	69788.	92030606.	13.1	411.5	69810.
92030615.	5.7	405.1	69982.	92030616.	5.7	400.2	58225.	92030617.	5.6	400.3	59754.
92030618.	5.3	398.0	68852.	92030619.	5.4	399.4	73222.	92030620.	5.4	394.5	68112.
92030621.	6.6	411.2	75428.	92030622.	7.5	422.2	66691.	92030623.	6.0	401.5	72280.
92030624.	6.0	387.3	74595.	92030701.	6.9	399.5	64567.	92030702.	7.0	389.2	61852.
92030710.	9.5	376.4	51820.	92030711.	9.8	366.7	51985.	92030712.	11.0	377.2	55747.
92030713.	11.8	375.6	53595.	92030714.	11.1	368.3	35350.	92030715.	13.7	364.9	35152.
92030716.	15.8	376.9	34099.	92030717.	17.8	370.5	42932.	92030718.	18.9	379.1	41451.
92030719.	20.5	378.3	46024.	92030720.	23.2	365.0	62465.	92030721.	22.2	370.3	53772.
92030722.	25.1	374.2	84349.	92030723.	24.1	379.6	98064.	92030724.	22.1	373.7	117175.
92030801.	23.1	380.8	126650.	92030802.	22.5	377.2	128211.	92030803.	23.8	379.6	134168.
92030804.	24.2	386.4	127349.	92030805.	22.7	388.2	129013.	92030809.	28.6	368.0	85775.
92030810.	30.3	361.0	90062.	92030811.	26.9	349.2	87675.	92030812.	30.0	363.3	113085.
92030813.	28.0	360.3	116513.	92030814.	26.1	385.1	114549.	92030815.	16.8	388.3	102898.
92030816.	17.2	382.1	90996.	92030817.	17.0	383.1	86182.	92030818.	19.7	403.7	117642.
92030819.	22.4	424.9	144097.	92030820.	23.2	442.5	159049.				
92030821.	16.6	427.5	135823.	92030823.	15.1	436.4	190155.	92030824.	20.9	446.1	180680.
92030901.	28.2	461.5	215108.	92030902.	25.0	465.0	208988.	92030903.	22.0	477.0	224966.
92031307.	4.7	412.7	105117.	92031308.	5.6	449.8	79869.	92031309.	5.4	436.0	85571.
92031310.	6.0	449.2	74772.	92031311.	4.8	421.2	71521.	92031312.	4.2	418.8	69640.
92031313.	4.7	418.6	71542.	92031314.	4.9	412.5	63635.	92031315.	4.6	415.4	60055.
92031316.	4.4	414.2	56844.	92031317.	5.0	408.6	62079.	92031318.	4.9	408.7	65265.
92031319.	5.5	426.1	53533.	92031718.	26.6	566.6	299959.	92031719.	60.1	559.4	170623.
92031720.	65.2	580.4	154775.	92031721.	51.2	528.2	87471.	92031722.	40.2	523.1	73209.
92031723.	45.2	518.7	63354.	92031724.	73.2	503.6	76898.	92031801.	37.4	525.2	61886.
92031802.	27.4	515.1	55795.	92031810.	6.3	528.5	45769.	92031811.	5.7	550.0	138274.
92031812.	5.4	573.1	94698.	92031813.	4.3	543.1	158068.	92031814.	2.6	521.6	73906.
92031815.	2.9	509.0	123621.	92031816.	2.5	550.6	138787.	92031817.	2.2	538.8	87895.
92031818.	1.1	526.8	158372.	92031819.	1.2	535.0	142527.	92031820.	1.4	518.9	93107.
92031821.	2.6	530.4	56860.	92031822.	0.9	516.6	70621.	92031823.	0.9	493.9	45033.
92031824.	1.0	485.1	49630.	92031901.	0.9	477.9	56773.	92031902.	1.2	459.7	39488.
92031903.	1.6	465.1	38282.	92031904.	1.9	463.2	42030.	92031905.	2.0	469.9	40783.
92031908.	2.5	447.3	70417.	92031909.	1.8	431.5	43020.	92031910.	2.1	428.9	46575.
92031911.	2.1	424.0	52044.	92031912.	2.8	436.1	56438.	92031913.	3.2	447.4	55589.
92031914.	2.9	427.1	48893.	92031915.	2.8	420.2	48541.	92031916.	3.2	425.0	48354.
92031917.	3.3	408.9	53442.	92031918.	4.2	400.8	56873.	92031919.	3.9	406.4	55132.
92031922.	3.4	419.7	47095.	92031923.	2.7	428.4	50064.	92031924.	3.6	413.2	58546.
92032001.	3.2	408.1	51317.	92032002.	3.2	412.5	54151.	92032003.	4.4	398.2	58760.
92032004.	4.4	389.0	50042.	92032005.	3.8	393.6	44814.	92032006.	3.0	403.2	43717.
92032007.	3.7	394.7	47897.	92032008.	2.4	405.7	47582.	92032009.	2.9	421.5	79841.
92032010.	3.0	418.6	91411.	92032011.	2.7	413.8	109790.	92032012.	2.1	403.1	96358.

92032013.	2.4	399.1	111157.	92032014.	2.4	401.7	106217.	92032015.	2.7	409.0	101278.
92032016.	2.6	403.9	106174.	92032017.	2.8	412.4	106295.	92032018.	3.3	423.2	112040.
92032019.	3.2	411.2	107790.	92032020.	3.1	420.9	100004.	92032021.	3.3	439.0	100913.
92032022.	3.7	417.2	105105.	92032023.	4.1	385.3	102579.	92032024.	4.7	410.2	114996.
92032101.	6.1	453.2	114604.	92032102.	4.3	408.3	103971.	92032103.	4.1	374.4	92051.
92032614.	8.3	379.5	67469.	92032701.	10.8	403.7	98503.	92032702.	11.3	406.1	101035.
92032703.	12.0	418.1	103265.	92032704.	10.6	406.2	99043.	92032705.	10.6	396.5	94911.
92032706.	9.8	388.4	85402.	92032716.	10.4	406.9	88616.	92032717.	10.4	407.7	91134.
92032718.	10.3	403.3	89751.	92032719.	10.0	409.8	79013.	92032720.	9.2	403.8	73407.
92032721.	8.8	389.6	70992.	92032722.	8.9	396.7	71870.	92032917.	12.1	344.4	39062.
92032918.	11.5	347.3	35200.	92032919.	11.4	336.6	33478.	92032920.	12.1	341.0	26221.
92033009.	10.6	335.8	28785.	92033010.	10.8	338.7	29637.	92033011.	11.1	334.6	33959.
92033012.	11.5	341.9	43780.	92033013.	12.1	351.6	56747.	92033014.	10.8	338.4	36242.
92033015.	11.5	336.4	37761.	92033016.	11.2	333.8	47942.	92033017.	12.2	339.6	55573.
92033018.	14.8	347.4	64114.	92033019.	14.4	338.4	66622.	92033020.	13.2	340.8	62320.
92033021.	11.8	354.1	65826.	92033022.	12.4	373.0	75142.	92033023.	12.3	356.9	65832.
92033024.	11.8	366.1	72829.	92033101.	11.5	351.4	64892.				
92033102.	11.3	350.8	55615.	92033108.	9.2	325.2	42016.	92033109.	9.6	340.3	61771.
92033110.	7.8	332.1	50069.	92033111.	8.3	341.1	49343.	92033112.	7.9	325.9	44110.
92033113.	7.7	332.2	45561.	92033114.	8.6	332.4	42375.	92033115.	8.6	345.0	45106.
92033116.	7.9	321.3	39307.	92033117.	9.5	334.3	41554.	92033118.	21.5	354.8	56826.
92033119.	38.6	375.7	49265.	92033120.	42.4	374.8	50212.	92033121.	28.4	379.0	65807.
92033122.	39.2	387.0	43836.	92033123.	31.5	381.5	60763.	92033124.	28.0	384.8	66553.
92040101.	22.8	370.9	67338.	92040103.	21.1	356.4	52302.	92040104.	19.8	367.2	59150.
92040105.	26.1	404.8	64487.	92040106.	29.5	410.4	40013.	92040107.	25.8	414.5	28444.
92040108.	35.2	406.1	36879.	92040109.	35.5	407.0	36300.	92040110.	36.0	401.5	34897.
92040111.	44.7	389.7	25395.	92040112.	25.6	386.2	35957.	92040113.	8.3	391.3	21592.
92040114.	5.0	378.3	22897.	92040115.	6.0	373.2	26032.	92040116.	12.0	380.2	24204.
92040117.	9.0	369.5	30137.	92040118.	11.3	368.4	21797.	92040119.	9.2	364.3	19984.
92040120.	8.5	370.8	16742.	92040121.	11.8	364.3	17734.	92040122.	19.9	355.3	31164.
92040123.	20.1	354.0	36555.	92040124.	15.5	357.7	50492.	92040201.	12.8	354.8	52989.
92040202.	11.6	349.1	75917.	92040203.	10.2	348.3	58387.	92040204.	9.1	353.6	50133.
92040208.	17.9	354.1	53864.	92040209.	15.7	346.8	52720.	92040210.	16.5	347.4	49006.
92040211.	16.6	349.8	48224.	92040212.	17.4	345.2	53468.	92040213.	15.4	339.2	45051.
92040214.	12.8	340.4	41623.	92040215.	13.1	336.4	41603.	92040216.	12.7	330.1	46127.
92040217.	12.9	336.7	65602.	92040218.	13.1	331.8	63395.	92040219.	14.3	341.9	82863.
92040220.	19.4	358.9	100670.	92040221.	19.3	354.3	105064.	92040222.	20.6	367.9	112090.
92040223.	21.5	367.0	67061.	92040224.	22.3	367.1	75498.	92040301.	25.8	359.6	84947.
92040302.	27.2	354.0	85596.	92040303.	28.7	359.6	110346.	92040304.	29.3	360.9	107098.
92040305.	28.9	363.0	110748.	92040306.	27.5	389.0	154124.	92040307.	23.2	394.5	150208.
92040309.	27.4	370.0	153817.	92040310.	23.9	369.8	159411.	92040707.	9.3	582.3	824394.
92040708.	15.2	591.5	544627.	92040709.	9.8	621.6	758753.	92040713.	5.3	647.9	213489.
92040714.	4.5	638.4	187156.	92040715.	5.0	632.9	202539.	92040716.	4.3	630.3	199132.
92040717.	5.1	627.5	220468.	92040718.	4.7	622.3	205779.	92040723.	4.5	587.1	135360.
92040724.	4.6	593.5	139997.	92040801.	5.3	616.0	168150.	92040802.	5.9	610.6	171318.
92040803.	5.9	607.7	158678.	92040814.	4.4	594.9	135460.	92040815.	4.5	593.4	169391.
92040816.	5.1	565.8	164602.	92040819.	4.6	546.7	66852.	92040914.	5.3	435.7	59936.
92040919.	6.7	448.8	53137.	92040920.	6.6	423.0	62492.	92040921.	7.2	418.1	62444.
92040922.	7.3	421.2	59347.	92040924.	7.7	412.0	55026.	92041001.	8.0	420.5	60489.
92041002.	8.2	420.3	53632.	92041003.	8.8	442.8	40979.	92041004.	8.3	426.2	48928.
92041005.	9.4	422.8	57311.	92041006.	9.5	426.2	55881.	92041014.	9.3	404.5	40669.
92041015.	8.6	374.3	35913.	92041016.	8.4	381.7	42859.	92041017.	8.2	379.1	40408.
92041018.	7.8	369.0	33907.	92041109.	5.6	334.1	20254.	92041110.	5.5	336.0	21673.
92041111.	6.8	331.3	18402.	92041112.	6.5	329.6	19636.	92041113.	6.8	328.7	20256.
92041114.	7.1	332.4	21258.	92041115.	7.3	333.4	22003.	92041116.	7.9	335.5	19614.
92041117.	7.0	347.8	21780.	92041118.	6.9	346.3	21243.	92041119.	6.8	349.3	23467.
92041120.	7.0	347.9	24184.	92041121.	7.2	347.5	19525.	92041220.	6.7	352.0	117132.
92041222.	6.2	343.0	132303.	92041304.	7.2	405.3	144999.	92041305.	6.8	401.7	131711.
92041306.	5.4	415.4	183005.	92041307.	6.1	426.3	146969.				
92041308.	6.2	386.0	118719.	92041310.	6.2	382.5	146102.	92041311.	5.9	387.6	140092.
92041312.	7.2	408.6	149284.	92041313.	7.6	396.1	161989.	92041314.	7.1	376.5	150809.
92041315.	6.9	376.4	138232.	92041316.	7.1	371.4	125108.	92041317.	7.7	383.0	133092.
92041318.	7.2	381.5	118066.	92041319.	7.3	387.9	118282.	92041320.	8.1	392.6	117884.
92041321.	10.5	377.7	106515.	92041322.	13.4	378.3	97744.	92041323.	13.3	374.8	91253.
92041324.	13.3	383.8	93877.	92041401.	13.5	390.3	101352.	92041402.	12.9	390.4	89664.
92041407.	9.4	370.9	97023.	92041408.	9.5	362.6	92855.	92041409.	9.5	380.6	88468.

92041410.	8.2	382.3	85022.	92041411.	8.2	377.3	80135.	92041412.	8.1	388.4	87907.
92041413.	6.9	373.1	88793.	92041414.	7.1	371.4	80170.	92041415.	6.2	364.5	84870.
92041416.	6.6	348.8	77489.	92041417.	5.0	335.4	51328.	92041418.	5.0	331.7	41713.
92041419.	5.0	328.8	38208.	92041420.	5.5	336.3	49581.	92041421.	10.2	389.2	77414.
92041422.	10.2	418.2	66182.	92041423.	11.1	428.8	115877.	92041424.	14.6	451.7	272669.
92041501.	14.2	498.7	272803.	92041502.	12.8	496.3	215038.	92041503.	15.8	488.0	191998.
92041504.	14.1	476.7	172558.	92041505.	21.5	451.0	159605.	92041506.	12.8	446.0	168201.
92041507.	10.8	451.7	150299.	92041508.	6.1	435.9	147854.	92041509.	8.7	444.1	177256.
92041510.	6.5	440.9	130882.	92041511.	10.4	449.0	157604.	92041512.	16.3	442.8	162823.
92041513.	12.0	433.7	149103.	92041514.	8.3	438.2	108187.	92041515.	10.2	432.0	103832.
92041516.	7.5	461.3	99806.	92041517.	8.1	455.8	132858.	92041521.	7.1	449.1	126924.
92042014.	12.0	367.7	99318.	92042015.	10.6	358.8	91274.	92042116.	11.3	371.3	137876.
92042117.	12.0	369.9	120885.	92042118.	12.1	370.8	119549.	92042119.	12.4	368.8	115286.
92042120.	12.0	366.9	104710.	92042121.	11.9	367.9	94734.	92042122.	11.4	364.1	87522.
92042123.	13.2	364.6	83978.	92042124.	13.1	367.1	86089.	92042201.	12.6	369.1	86769.
92042202.	12.2	375.0	90157.	92042203.	11.4	375.9	90981.	92042204.	9.5	383.1	110251.
92042205.	9.0	389.1	102256.	92042206.	8.7	379.8	103771.	92042213.	6.5	381.1	77889.
92042214.	6.6	380.5	82286.	92042215.	7.4	393.1	92697.	92042216.	7.8	390.1	88441.
92042217.	7.5	375.5	80668.	92042218.	7.4	382.6	77323.	92042219.	7.3	383.0	72719.
92042220.	7.1	386.3	78248.	92042221.	7.0	376.9	68947.	92042222.	6.4	385.3	64982.
92042224.	6.9	374.4	75757.	92042301.	7.0	374.1	71615.	92042302.	7.1	366.7	66841.
92042303.	6.9	372.3	67703.	92042304.	6.9	374.5	70509.	92042305.	6.8	395.0	84201.
92042306.	6.6	368.4	70022.	92042307.	6.6	366.8	66397.	92042309.	7.1	375.3	76323.
92042310.	7.4	378.3	88389.	92042311.	7.3	362.2	71197.	92042312.	7.5	364.5	73465.
92042313.	7.5	363.9	74380.	92042314.	7.4	376.1	80924.	92042315.	7.2	373.9	83494.
92042316.	7.4	364.9	85558.	92042317.	8.0	380.7	83062.	92042318.	7.8	381.5	80801.
92042319.	7.2	367.0	70651.	92042320.	7.4	371.9	64942.	92042321.	7.3	359.8	66468.
92042322.	7.7	386.8	72199.	92042323.	8.1	385.9	72871.	92042324.	8.2	387.2	64154.
92042401.	8.2	379.5	62889.	92042402.	8.9	387.8	62702.	92042403.	9.1	387.5	56880.
92042404.	9.7	395.0	59266.	92042405.	9.1	378.4	76931.	92042406.	9.0	363.8	73479.
92042407.	9.6	361.1	67982.	92042408.	9.1	368.6	69298.	92042409.	9.4	355.0	53894.
92042410.	8.8	359.1	50657.	92042411.	8.7	353.5	47542.	92042412.	9.3	355.8	52724.
92042413.	9.8	349.4	48510.	92042414.	9.2	351.8	48944.	92042415.	9.7	384.0	65876.
92042416.	10.3	384.3	85354.	92042417.	10.3	365.5	83953.	92042418.	9.8	351.8	72287.
92042419.	9.4	361.7	72291.	92042420.	8.5	345.1	59246.				
92042421.	9.0	357.9	71659.	92042422.	8.6	367.3	76146.	92042423.	8.0	353.0	65252.
92042424.	8.4	355.5	72730.	92042501.	8.3	360.1	73953.	92042502.	8.5	351.5	68801.
92042519.	7.0	333.3	40416.	92042520.	7.6	334.4	51312.	92042521.	7.7	345.0	52815.
92042522.	7.5	332.3	51098.	92042523.	7.0	328.4	48339.	92042524.	6.5	360.1	105974.
92042606.	5.8	356.4	105633.	92042607.	6.1	357.7	99880.	92042608.	5.6	345.0	88970.
92042609.	5.8	342.7	84236.	92042610.	6.1	346.2	80800.	92042611.	5.8	346.9	74301.
92042612.	6.3	351.8	65548.	92042613.	6.7	351.5	63933.	92042614.	6.5	352.0	57303.
92042615.	6.7	350.1	51468.	92042616.	6.6	347.2	40038.	92042617.	6.9	348.6	39306.
92042618.	7.0	341.4	42828.	92042619.	7.7	339.6	51392.	92042620.	7.5	340.4	58791.
92042621.	7.3	340.6	34795.	92042622.	7.6	341.6	31809.	92042624.	7.9	337.3	41688.
92042701.	8.5	348.4	44031.	92042702.	8.4	332.2	32400.	92042703.	7.3	321.1	27631.
92042704.	6.8	318.5	27516.	92042706.	7.2	311.0	31693.	92042707.	6.6	309.1	26027.
92042708.	6.1	309.5	27718.	92042709.	6.3	308.5	27691.	92042710.	6.2	306.6	29286.
92042711.	6.2	302.7	26365.	92042712.	5.7	299.5	27545.	92042713.	6.3	301.8	30300.
92042714.	7.2	314.5	27890.	92042715.	7.9	312.1	31155.	92042716.	8.4	316.7	30809.
92042717.	9.1	326.4	29280.	92042718.	9.4	331.0	26130.	92042719.	12.4	333.1	22852.
92042720.	8.1	317.9	24915.	92042721.	7.0	312.1	21469.	92042722.	7.6	311.3	19786.
92042723.	7.9	305.9	19991.	92042724.	8.4	302.7	20208.	92042801.	8.4	305.4	19091.
92042802.	11.4	302.5	21289.	92042804.	12.5	301.1	21121.	92042805.	12.2	299.2	21801.
92042806.	16.9	314.5	30297.	92050513.	9.0	421.0	87322.	92050514.	9.6	415.2	87032.
92050515.	7.9	394.1	64013.	92050516.	8.1	390.2	50491.	92050517.	7.6	395.5	48581.
92050518.	7.4	388.3	41963.	92050519.	10.2	383.7	34150.	92050520.	8.1	384.5	33764.
92050521.	10.5	388.3	33461.	92050522.	10.2	384.0	26881.	92050523.	8.0	391.3	31400.
92050524.	7.9	420.6	27843.	92050601.	8.6	429.0	21575.	92050606.	6.9	409.5	14898.
92050607.	5.4	401.8	15991.	92050608.	5.7	397.4	14251.	92050609.	5.4	380.1	20809.
92050610.	7.5	369.4	17852.	92050611.	6.3	360.5	16421.	92050612.	5.9	358.1	16007.
92050613.	7.4	367.1	24114.	92050614.	8.1	371.7	25978.	92050615.	7.9	361.7	27900.
92050616.	6.1	377.6	24865.	92050617.	5.5	384.3	19911.	92050618.	6.1	386.2	29572.
92050619.	9.8	394.2	27459.	92050620.	13.7	397.6	27657.	92050622.	16.1	415.0	40892.
92050623.	10.0	411.0	56366.	92050624.	6.7	414.0	43273.	92050701.	8.0	411.5	47353.
92050702.	6.8	406.9	41144.	92050706.	10.7	381.4	11124.	92050707.	23.1	394.0	22314.

92050710.	20.1	388.2	24663.	92050709.	32.1	394.4	21835.	92050710.	27.9	391.4	22784.
92050711.	29.7	393.0	24791.	92050712.	28.3	399.1	21834.	92050713.	17.7	400.0	28855.
92050714.	8.7	401.4	34713.	92050715.	7.0	404.5	46814.	92050716.	6.6	402.2	43938.
92050717.	6.3	398.8	30210.	92050718.	5.6	400.4	10941.	92050719.	5.5	390.4	20672.
92050720.	6.3	387.9	7776.	92050721.	5.7	383.7	6848.	92050722.	7.6	379.5	6931.
92050723.	7.2	375.4	7406.	92050724.	7.3	370.7	6571.	92050801.	7.1	367.4	8663.
92050802.	6.5	362.7	8530.	92050805.	12.8	349.1	25890.	92050806.	13.4	363.0	25205.
92050807.	31.5	348.1	21272.	92050808.	28.1	345.3	20219.	92050809.	23.9	344.2	17154.
92050810.	23.4	342.5	20885.	92050811.	13.8	347.3	19042.	92050812.	14.4	344.2	21487.
92050813.	14.9	341.3	21347.	92050814.	32.3	348.3	25316.	92050815.	40.4	354.3	38889.
92050816.	55.5	356.7	35053.	92050818.	25.8	350.4	49299.				
92050819.	24.4	342.7	51486.	92050820.	23.6	341.7	56945.	92050821.	23.8	339.5	56635.
92050822.	24.4	336.4	48445.	92050823.	22.9	332.7	47791.	92050824.	22.0	330.3	49042.
92050901.	21.4	328.4	47178.	92050902.	21.2	331.7	41423.	92050903.	20.8	324.9	39538.
92050905.	16.8	313.6	27972.	92050906.	19.3	316.3	28785.	92050907.	21.6	321.7	32740.
92050908.	22.9	323.1	33859.	92050909.	24.8	321.8	33877.	92050910.	28.2	331.0	48492.
92050911.	28.9	336.4	50978.	92050912.	25.4	345.0	61327.	92050913.	27.4	348.3	70494.
92050914.	34.7	371.4	62737.	92050915.	39.3	377.9	41426.	92050916.	33.9	379.3	35711.
92050917.	61.6	412.3	92315.	92050918.	17.7	413.0	125500.	92050919.	25.3	397.3	161049.
92050920.	22.9	442.7	174849.	92050921.	46.4	631.3	748377.	92050922.	28.1	662.3	1084564.
92050923.	14.8	700.8	1629608.	92050924.	11.2	888.7	2522428.	92051001.	10.8	889.0	2575964.
92051514.	5.0	355.7	79736.	92051515.	5.2	369.7	96218.	92051516.	5.0	367.3	98358.
92051517.	4.9	366.2	105541.	92051518.	5.1	370.4	107603.	92051519.	5.8	369.1	97076.
92051520.	4.8	367.9	80262.	92051521.	5.0	361.5	75938.	92051522.	5.2	358.0	80522.
92051523.	6.0	365.5	80304.	92051524.	5.7	371.1	79760.	92051614.	7.9	337.1	57269.
92051615.	7.3	327.0	52045.	92051711.	9.9	308.1	23801.	92051712.	9.8	307.9	22274.
92051713.	9.8	309.2	22937.	92051714.	10.5	308.7	21430.	92051715.	11.5	309.1	21399.
92051716.	13.1	308.8	22261.	92051806.	6.5	337.5	51288.	92051807.	6.4	331.4	59404.
92051808.	6.1	334.6	52437.	92051809.	6.4	344.3	52940.	92051810.	6.2	335.7	47396.
92051811.	6.2	339.2	45922.	92051812.	6.0	334.0	44320.	92051813.	6.6	331.5	47017.
92051814.	6.4	327.3	42647.	92051815.	7.0	333.4	48995.	92051816.	7.5	340.3	39746.
92051817.	7.6	321.8	45334.	92051819.	7.2	325.0	59668.	92051820.	6.3	318.9	51754.
92051821.	15.6	367.7	91221.	92051822.	15.9	351.2	87041.	92051823.	17.8	354.2	92859.
92051824.	18.0	351.1	96762.	92051901.	17.1	347.3	67195.	92051902.	15.4	339.0	61525.
92051905.	10.3	332.1	80512.	92051906.	10.9	332.9	86637.	92051907.	8.5	326.3	82110.
92051908.	8.7	326.9	79599.	92051909.	7.8	323.8	77479.	92051910.	7.6	318.0	65128.
92051911.	7.6	316.3	62182.	92051912.	7.3	314.6	61521.	92051913.	7.8	325.8	60023.
92051914.	6.6	317.3	53139.	92051915.	7.4	322.4	55845.	92051916.	7.4	332.9	57238.
92051917.	11.4	341.5	62892.	92051918.	11.6	354.1	66244.	92051919.	11.8	359.0	81836.
92051920.	13.7	353.3	93142.	92051921.	12.7	352.4	82708.	92051922.	13.2	357.0	63942.
92051923.	10.4	367.2	54096.	92051924.	12.7	372.4	67233.	92052001.	12.8	385.0	83413.
92052002.	12.5	382.9	75789.	92052004.	9.0	371.7	56508.	92052005.	9.5	383.6	71785.
92052006.	9.4	375.5	72734.	92052007.	9.6	386.7	81606.	92052008.	10.8	395.4	67302.
92052009.	11.2	402.0	89494.	92052010.	11.6	403.0	77961.	92052011.	11.3	400.1	75471.
92052012.	10.8	412.7	87645.	92052013.	10.1	418.7	83626.	92052014.	9.8	419.4	81655.
92052015.	8.8	408.7	72973.	92052016.	8.8	398.6	72024.	92052017.	8.4	396.9	70164.
92052018.	7.9	399.0	74363.	92052019.	7.8	396.4	82481.	92052020.	7.7	396.6	84372.
92052021.	8.0	391.7	81988.	92052022.	7.0	380.8	66518.	92052023.	7.9	388.4	65780.
92052024.	9.2	361.1	59119.	92052101.	9.4	356.0	61035.	92052102.	9.4	358.3	59061.
92052106.	7.8	344.1	52110.	92052107.	8.8	342.0	54291.	92052108.	8.0	339.8	49958.
92052109.	8.5	356.8	51001.	92052110.	8.7	354.4	58413.	92052111.	8.8	345.5	59881.
92052112.	8.6	340.5	53355.	92052113.	8.1	335.3	43192.	92052114.	9.1	331.4	41207.
92052115.	8.2	326.2	37791.	92052116.	8.8	330.5	42196.				
92052117.	8.4	337.1	41855.	92052118.	9.1	340.0	43182.	92052119.	8.8	340.6	44359.
92052120.	8.2	329.8	41680.	92052121.	9.1	346.4	37728.	92052122.	9.4	339.8	44072.
92052123.	8.9	344.5	41287.	92052124.	8.8	347.5	39980.	92052203.	9.5	352.3	41853.
92052204.	9.9	355.8	39372.	92052205.	26.5	396.1	90556.	92052206.	37.8	452.9	130848.
92052207.	38.9	444.6	151501.	92052208.	37.0	428.7	158451.	92052209.	44.7	426.7	143028.
92052212.	31.8	425.3	154967.	92052213.	33.6	428.0	140209.	92052214.	36.6	437.3	104414.
92052215.	41.1	442.4	85103.	92052816.	7.7	532.7	198811.	92052817.	12.3	558.0	205954.
92052818.	10.9	540.8	197868.	92052819.	13.3	553.3	195459.	92052820.	12.6	535.5	204656.
92052821.	11.7	505.2	169131.	92052822.	11.2	499.7	181773.	92052823.	15.5	546.4	314414.
92052824.	15.0	550.6	324924.	92052901.	14.2	549.4	294471.	92052910.	8.9	529.3	204131.
92052911.	9.5	530.6	197985.	92052912.	12.6	536.9	161622.	92052913.	14.9	567.3	254897.
92052914.	11.2	590.8	290758.	92052915.	11.4	603.9	310196.	92052916.	9.9	594.8	271663.
92052917.	8.3	605.0	335379.	92052918.	7.2	610.0	349640.	92052919.	8.3	605.3	351478.

9205100.	6.2	636.7	393666.	92052921.	4.8	659.6	3711.	92052922.	5.1	669.8	376503.
92052923.	3.7	692.6	316073.	92053005.	3.9	757.3	471676.	92053006.	3.6	774.2	497657.
92053007.	3.7	757.6	468302.	92053008.	3.7	768.6	458725.	92053009.	3.2	732.4	453401.
92053010.	2.9	753.9	477723.	92053011.	2.4	755.9	410351.	92053012.	1.6	793.6	325486.
92053013.	1.7	778.8	371956.	92053014.	1.8	816.3	338183.	92053015.	1.9	780.2	349823.
92053016.	1.8	753.5	354355.	92053017.	1.8	731.9	354702.	92053018.	1.8	740.5	327876.
92053019.	1.8	703.0	301127.	92053104.	3.7	648.6	238545.	92053105.	3.4	656.2	262001.
92053106.	3.8	638.4	222345.	92053107.	3.9	610.4	254090.	92053108.	4.4	589.6	214661.
92053109.	4.4	582.2	181521.	92053110.	4.6	576.8	166635.	92053111.	4.1	568.6	154334.
92053112.	3.9	566.7	144093.	92053113.	4.5	560.5	139784.	92053114.	4.4	565.8	163963.
92053115.	4.8	554.9	172906.	92053116.	4.5	563.3	170731.	92053117.	5.4	555.6	133345.
92053119.	4.9	526.0	163268.	92060104.	5.1	518.4	111692.	92060105.	4.2	514.4	108842.
92060106.	4.1	515.0	88876.	92060107.	3.8	507.0	81729.	92060108.	4.1	507.7	80406.
92060109.	4.4	505.4	99225.	92060110.	5.0	492.6	92357.	92060111.	4.9	491.3	103513.
92060112.	4.7	493.2	96596.	92060113.	4.8	485.7	106672.	92060114.	3.7	490.8	90073.
92060115.	3.8	492.2	93483.	92060116.	4.4	472.3	105982.	92060117.	4.4	455.0	96506.
92060118.	4.6	457.4	92021.	92060119.	4.5	469.6	101263.	92060120.	4.4	468.9	101824.
92060121.	4.5	470.4	100974.	92060122.	4.6	451.8	88095.	92060123.	4.5	449.7	83767.
92060124.	4.5	450.3	87417.	92060201.	4.3	453.4	89198.	92060202.	4.1	446.5	74420.
92060205.	4.1	427.8	74632.	92060206.	4.1	430.4	74217.	92060207.	3.1	419.7	79213.
92060208.	3.1	418.3	72461.	92060209.	3.1	412.2	74359.	92060210.	3.2	404.7	50008.
92060212.	3.8	389.4	56697.	92060214.	3.9	381.6	55690.	92060215.	4.1	378.6	49836.
92060216.	4.7	374.8	48204.	92060217.	5.3	385.2	47444.	92060218.	6.3	384.1	48395.
92060219.	7.2	382.5	54868.	92060220.	7.7	374.4	59540.	92060221.	8.6	372.3	56641.
92060222.	10.1	372.3	55149.	92060223.	12.2	376.3	33771.	92060224.	17.0	376.9	17647.
92060301.	19.6	377.9	16827.	92060302.	16.9	377.3	13178.	92060303.	11.1	372.0	11109.
92060304.	10.9	365.6	12850.	92060305.	12.7	356.9	15132.	92060306.	10.5	346.1	16291.
92060311.	15.7	332.5	16612.	92060312.	13.0	336.6	33457.	92060313.	8.5	339.7	107176.
92060314.	6.4	324.1	130634.	92060317.	14.9	322.0	40626.				
92060318.	13.6	311.5	44043.	92060319.	20.1	313.3	47120.	92060404.	5.0	249.9	122564.
92060405.	3.4	231.7	98923.	92060406.	3.7	237.6	113874.	92060407.	3.9	246.9	120155.
92060416.	3.4	230.5	121358.	92060417.	3.2	244.5	156682.	92060418.	3.3	253.3	157741.
92060419.	3.1	246.0	143437.	92060420.	7.9	261.7	143694.	92060421.	5.3	227.9	106685.
92060422.	5.6	236.2	125979.	92060423.	5.7	271.8	157637.	92060424.	5.9	226.1	96763.
92060501.	5.8	232.9	110466.	92060502.	4.4	220.5	88228.	92060914.	22.9	330.8	43760.
92060915.	22.1	334.9	38108.	92060923.	25.5	334.6	63388.	92060924.	22.4	336.4	66250.
92061012.	17.1	462.8	260455.	92061013.	10.3	430.0	200812.	92061014.	11.4	473.2	71434.
92061015.	16.4	472.1	55437.	92061019.	9.4	453.8	43678.	92061020.	8.6	464.4	46567.
92061021.	5.4	456.6	54130.	92061022.	7.7	457.1	41559.	92061104.	9.5	432.2	77997.
92061105.	8.3	429.1	63605.	92061106.	8.6	415.9	84529.	92061107.	9.2	418.6	74705.
92061108.	9.0	409.7	69272.	92061109.	7.4	407.0	65278.	92061110.	6.1	411.6	58776.
92061111.	6.0	407.0	55027.	92061112.	6.3	424.0	46660.	92061113.	6.9	418.4	41146.
92061114.	6.3	408.4	36944.	92061115.	5.7	409.6	36371.	92061116.	6.8	409.5	36551.
92061117.	7.1	403.2	40053.	92061118.	8.6	402.0	50168.	92061119.	10.1	407.2	56055.
92061120.	13.7	432.3	58865.	92061121.	15.1	435.3	43977.	92061122.	25.7	430.9	50573.
92061123.	38.7	431.4	55226.	92061203.	15.3	433.2	68114.	92061204.	17.3	431.8	84150.
92061205.	18.1	438.4	92176.	92061206.	13.5	443.3	97407.	92061207.	18.0	445.8	33257.
92061208.	23.7	445.9	53122.	92061209.	17.8	437.0	16624.	92061210.	17.0	436.6	14280.
92061211.	17.1	448.0	30345.	92061212.	28.3	453.9	31283.	92061213.	13.1	453.9	61529.
92061214.	38.2	476.6	75549.	92061215.	20.8	475.6	64372.	92061216.	18.3	480.0	117399.
92061217.	40.7	490.9	51694.	92061218.	25.2	479.8	65651.	92061219.	24.9	479.9	49754.
92061220.	23.1	481.5	44827.	92061221.	20.1	493.1	41414.	92061222.	19.0	483.8	41066.
92061223.	16.1	482.0	56580.	92061224.	15.5	472.2	58230.	92061301.	17.4	466.4	56210.
92061302.	20.3	451.5	31035.	92061303.	20.3	456.9	17540.	92061304.	18.3	452.6	13191.
92061305.	19.1	450.8	12631.	92061306.	8.2	445.3	53023.	92061307.	8.4	442.0	68443.
92061308.	8.4	443.4	59667.	92061309.	8.4	429.6	44276.	92061310.	7.4	418.6	39982.
92061311.	6.8	420.3	62968.	92061312.	6.7	418.9	57158.	92061313.	6.3	406.9	48403.
92061314.	6.7	406.8	49239.	92061315.	8.8	412.8	37156.	92061316.	8.2	409.0	33357.
92061317.	9.2	408.3	36969.	92061318.	10.4	401.0	34470.	92061319.	10.7	391.6	40865.
92061320.	11.0	390.8	39884.	92061321.	11.9	393.3	37477.	92061322.	11.2	399.7	35207.
92061323.	12.0	396.0	39792.	92061324.	12.5	403.5	38463.	92061401.	16.9	400.2	34423.
92061402.	18.6	398.3	32767.	92061403.	18.1	396.2	31093.	92061404.	17.9	393.2	28014.
92061405.	16.1	390.0	31368.	92061406.	17.1	386.6	28107.	92061407.	14.7	386.5	32708.
92061408.	15.2	386.8	30573.	92061409.	13.8	383.3	31485.	92061410.	13.5	379.9	35161.
92061411.	12.3	371.8	40780.	92061412.	11.1	369.2	42927.	92061413.	12.0	374.4	44146.
92061414.	15.4	369.7	39937.	92061415.	17.3	373.0	33603.	92061416.	19.1	370.6	31642.

92061420.	20.7	370.0	28967.	92061418.	21.3	369.1	28967.	92061419.	22.5	373.1	26276.
92061423.	21.7	374.3	18064.	92061421.	22.4	376.5	36108.	92061422.	21.6	380.0	41459.
92061502.	18.8	378.3	46143.	92061424.	17.8	379.7	50800.	92061501.	15.3	381.0	46896.
92061505.	10.6	382.1	58736.	92061503.	10.9	380.3	55341.	92061504.	11.1	380.4	54503.
92061511.	11.7	378.4	52279.	92061510.	14.1	399.3	70016.				
92061515.	14.5	401.1	80443.	92061513.	14.7	392.4	90020.	92061514.	13.2	395.5	61134.
92061524.	13.4	390.8	61104.	92061516.	11.7	371.1	60975.	92061523.	9.5	366.1	45675.
92061603.	8.3	363.1	47311.	92061601.	8.7	363.4	48624.	92061602.	8.0	358.5	41591.
92061606.	8.0	361.1	35456.	92061604.	8.0	354.5	35056.	92061605.	8.4	350.4	35352.
92061609.	8.6	349.5	38900.	92061607.	8.7	344.4	35169.	92061608.	8.5	341.0	34536.
92061719.	9.4	338.1	36052.	92061611.	12.2	377.2	34657.	92061718.	4.9	243.0	124648.
92062212.	3.0	243.1	123939.	92062210.	20.0	383.3	17684.	92062211.	30.5	396.4	40398.
92062220.	25.4	396.4	26508.	92062213.	17.9	409.6	65425.	92062219.	17.2	396.9	46808.
92062305.	19.4	394.1	45017.	92062221.	15.8	385.6	53268.	92062304.	15.3	374.6	56093.
92062308.	25.1	394.9	48493.	92062306.	25.0	411.0	64415.	92062307.	15.8	421.8	108676.
92062311.	10.4	436.0	108208.	92062309.	11.3	433.7	104942.	92062310.	12.2	419.3	94733.
92062314.	12.6	409.1	81528.	92062312.	17.9	404.1	72741.	92062313.	21.7	402.2	49294.
92062317.	18.9	406.1	65359.	92062315.	18.2	407.1	61056.	92062316.	20.3	399.0	58438.
92062321.	23.8	406.6	50994.	92062319.	23.9	398.2	45933.	92062320.	19.7	389.8	41490.
92062405.	30.5	385.1	29544.	92062403.	28.5	458.5	118177.	92062404.	20.8	489.3	209209.
92062408.	14.0	554.8	389968.	92062406.	11.2	592.9	371548.	92062407.	12.0	576.1	363684.
92062411.	12.2	589.9	322519.	92062409.	12.6	593.6	375438.	92062410.	8.9	592.4	277977.
92062414.	7.9	609.4	226735.	92062412.	9.6	617.9	263167.	92062413.	7.7	633.6	241282.
92062417.	6.6	642.6	243020.	92062415.	5.2	647.8	281165.	92062416.	6.1	658.6	335608.
92062420.	6.7	662.3	357170.	92062418.	7.2	651.4	370468.	92062419.	8.7	647.3	413759.
92062423.	8.6	644.1	433575.	92062421.	8.5	633.3	453637.	92062422.	6.4	641.1	336149.
92062502.	4.2	661.0	243409.	92062424.	4.4	669.9	249884.	92062501.	4.7	677.8	254694.
92062505.	4.7	648.2	200936.	92062503.	4.5	658.5	218124.	92062504.	3.5	653.4	263869.
92062511.	3.7	631.7	213787.	92062506.	3.3	598.4	162217.	92062507.	4.8	618.3	186912.
92062514.	5.1	623.4	198896.	92062509.	5.2	622.4	205220.	92062510.	4.7	620.7	203450.
92062523.	4.1	627.9	201820.	92062512.	3.7	627.5	202453.	92062513.	3.2	620.5	204606.
92062602.	3.5	606.0	170356.	92062517.	4.2	645.1	246087.	92062522.	6.3	616.4	302953.
92062605.	6.7	593.2	276300.	92062524.	6.8	599.3	263208.	92062601.	6.3	591.0	268640.
92062608.	6.4	591.3	272851.	92062603.	6.4	584.7	262050.	92062604.	4.6	610.6	249268.
92062611.	3.7	605.1	246425.	92062606.	3.5	592.9	237941.	92062607.	3.6	592.5	256067.
92062614.	3.8	595.2	261294.	92062609.	3.6	585.6	232707.	92062610.	3.5	582.5	211686.
92062617.	3.4	550.8	149641.	92062612.	3.5	542.1	139537.	92062613.	4.2	542.5	122552.
92062620.	5.9	532.8	134641.	92062615.	5.9	534.8	149624.	92062616.	5.3	522.5	131622.
92062623.	5.8	520.3	135085.	92062618.	5.7	531.2	126620.	92062619.	4.5	505.4	120356.
92062708.	4.9	496.4	113393.	92062621.	4.6	497.5	120387.	92062622.	4.8	501.4	131787.
92062712.	6.0	501.0	138706.	92062706.	6.7	505.2	126684.	92062707.	7.5	515.0	136310.
92062715.	7.7	516.1	138592.	92062709.	7.5	517.7	109192.	92062710.	7.3	507.6	96559.
92062718.	7.9	507.9	136972.	92062713.	6.1	507.5	120284.	92062714.	5.9	504.6	122102.
92062721.	5.8	505.4	130570.	92062716.	6.4	510.5	152169.	92062717.	5.9	503.9	143034.
92062724.	6.2	489.6	146405.	92062719.	7.6	489.3	131805.	92062720.	8.1	491.0	138754.
92062802.	10.2	532.0	120335.	92062722.	16.5	559.7	187021.	92062723.	16.5	552.1	262781.
92062805.	15.7	551.0	309902.	92062801.	13.2	539.6	295132.				
92062813.	11.8	549.4	286065.	92062803.	10.4	567.2	305823.	92062804.	10.4	535.1	240786.
92062816.	11.7	546.1	256633.	92062811.	6.9	583.1	237650.	92062812.	10.1	585.5	246903.
92062819.	11.8	565.5	263736.	92062814.	11.1	555.1	253372.	92062815.	9.7	583.8	165024.
92062822.	8.2	593.3	138029.	92062817.	8.1	572.5	125856.	92062818.	9.0	539.4	137066.
92062901.	8.3	549.2	115050.	92062820.	9.7	544.6	100600.	92062821.	9.4	543.9	97111.
92062904.	8.6	537.9	96836.	92062823.	9.8	498.6	122962.	92062824.	7.4	510.2	84712.
92062907.	14.2	520.4	111916.	92062902.	19.3	516.4	162840.	92062903.	19.2	524.4	157632.
92062910.	20.8	547.5	148645.	92062905.	13.9	513.3	142175.	92062906.	12.7	489.2	125126.
92070411.	11.0	510.9	114717.	92062908.	11.9	500.4	91342.	92062909.	12.4	482.8	99106.
92070504.	11.9	485.7	100227.	92062911.	9.4	463.7	88345.	92062912.	8.2	360.6	246187.
92070507.	15.5	355.7	59632.	92070412.	16.1	353.8	61882.	92070503.	21.1	331.3	20367.
92070510.	24.2	338.4	23437.	92070505.	21.3	336.7	28493.	92070506.	28.1	344.2	27897.
92070513.	26.7	344.5	28955.	92070508.	21.6	349.3	35715.	92070509.	24.6	346.2	40442.
92070515.	27.3	347.3	42368.	92070511.	27.5	344.0	36710.	92070512.	35.9	348.1	29988.
92070602.	42.0	349.6	29677.	92070514.	30.3	350.1	41457.	92070515.	14.2	354.3	57358.
92070605.	25.1	346.7	45423.	92070524.	30.9	354.2	38276.	92070601.	21.6	349.6	44966.
92070608.	16.3	330.1	43199.	92070603.	18.0	344.3	41153.	92070604.	17.9	352.9	40460.
	15.7	323.7	37818.	92070606.	17.1	334.3	41486.	92070607.	20.7	345.4	44867.
	20.5	344.8	43545.	92070609.	19.6	345.8	39374.	92070610.	18.6	342.5	39957.

92070611.	17.9	347.5	39305.	92070612.	17.3	351.5	356.	92070613.	14.5	361.7	34468.
92070614.	17.5	369.0	33519.	92070615.	16.5	357.1	34329.	92070616.	18.1	367.3	34696.
92070617.	17.2	364.3	24434.	92070618.	15.6	363.7	27008.	92070619.	16.9	362.4	30631.
92070620.	16.0	359.3	33496.	92070621.	14.5	364.1	39951.	92070622.	14.5	360.1	42351.
92070623.	14.8	351.3	30159.	92070624.	14.3	348.9	28011.	92070702.	14.6	347.0	20885.
92070703.	13.4	345.1	21167.	92070704.	14.1	340.3	18951.	92070705.	14.9	337.9	15603.
92070706.	14.4	341.7	20894.	92070707.	14.8	343.4	18722.	92070708.	14.2	337.6	17277.
92070709.	15.1	337.2	15727.	92070710.	14.2	327.6	16844.	92070711.	13.4	323.4	17782.
92070712.	13.2	321.0	18869.	92070713.	11.5	317.7	17855.	92070714.	10.8	314.9	17326.
92070715.	13.3	314.3	18076.	92070716.	13.6	310.2	19003.	92070717.	16.5	308.1	18591.
92070718.	12.9	310.3	21567.	92070719.	18.1	307.3	21280.	92070720.	21.1	310.4	15189.
92070721.	23.8	310.2	16420.	92070722.	17.6	306.0	14894.	92070723.	16.0	301.2	14602.
92070724.	16.1	299.8	14022.	92070801.	18.5	298.3	13236.	92070802.	17.8	294.7	14248.
92070803.	16.9	296.4	12693.	92070804.	19.4	301.5	11926.	92070805.	21.0	303.3	10183.
92070806.	20.1	302.0	14337.	92070807.	23.5	303.2	16712.	92070808.	26.5	304.2	14740.
92070810.	26.3	303.5	16156.	92070811.	27.1	302.2	15181.	92070812.	29.6	302.6	12212.
92070813.	31.1	303.5	12442.	92070814.	34.4	304.9	13336.	92070815.	25.4	319.1	21266.
92070816.	26.1	326.5	18796.	92070817.	26.1	328.8	15165.	92070818.	31.7	337.3	22296.
92070819.	29.8	337.2	29931.	92070820.	29.8	344.7	33037.	92070821.	23.8	342.3	35231.
92070822.	23.3	340.2	34834.	92070823.	22.3	337.0	33109.	92070824.	19.9	334.3	35220.
92070901.	20.6	335.4	31950.	92070902.	20.7	337.4	26854.	92070903.	18.0	345.2	36470.
92070904.	19.5	343.5	33517.	92070905.	24.0	338.7	29215.	92070906.	24.4	338.1	28226.
92070907.	22.8	338.9	29369.	92070908.	22.0	337.8	26948.				
92070909.	23.0	337.2	26111.	92070910.	24.3	335.7	20800.	92070911.	23.3	330.4	21693.
92070912.	21.3	329.6	19919.	92070913.	25.1	329.8	14847.	92070914.	24.4	327.8	14296.
92070915.	22.2	329.3	15080.	92070916.	23.0	329.3	14058.	92070917.	21.9	330.0	16919.
92070918.	24.6	327.5	16358.	92070919.	23.9	326.6	14506.	92070920.	24.6	328.3	17643.
92070921.	22.9	323.6	27775.	92070922.	20.3	324.6	28396.	92070923.	17.9	322.6	25662.
92070924.	19.2	325.5	29547.	92071001.	16.1	322.2	26160.	92071002.	17.1	307.2	28911.
92071003.	14.7	291.8	27824.	92071004.	15.0	295.4	24474.	92071005.	16.7	305.5	21786.
92071006.	15.0	305.6	20102.	92071007.	13.4	291.8	23900.	92071008.	12.4	289.9	23796.
92071009.	11.6	286.5	22025.	92071010.	12.7	284.6	20419.	92071011.	12.6	294.8	17737.
92071012.	14.6	302.3	17089.	92071013.	14.6	299.7	18102.	92071014.	14.1	294.6	21175.
92071015.	15.1	288.6	19904.	92071016.	16.1	291.0	18675.	92071017.	16.9	285.1	16880.
92071019.	21.5	292.6	17481.	92071020.	20.2	283.7	18225.	92071021.	19.0	289.6	13965.
92071022.	18.0	286.8	11572.	92071023.	16.9	285.2	11952.	92071024.	16.0	287.7	10538.
92071101.	16.1	286.5	10490.	92071102.	16.4	284.7	10500.	92071103.	16.6	283.0	11457.
92071104.	17.6	281.5	11155.	92071106.	16.2	283.2	11944.	92071107.	17.4	281.8	12617.
92071108.	17.0	280.8	14320.	92071109.	17.6	281.4	14412.	92071110.	17.9	284.2	12148.
92071111.	17.2	282.9	13414.	92071112.	18.0	282.2	14632.	92071113.	19.6	278.1	14574.
92071114.	20.6	282.7	15493.	92071115.	22.8	283.7	17105.	92071116.	24.1	285.9	19345.
92071117.	25.1	283.9	19272.	92071118.	26.4	287.4	18365.	92071119.	30.7	287.9	19867.
92071120.	33.4	288.3	20943.	92071121.	34.6	285.8	29271.	92071122.	30.3	298.5	32814.
92071123.	36.5	300.0	35383.	92071124.	43.7	301.9	34099.	92071201.	30.2	308.8	45696.
92071204.	21.5	320.5	33333.	92071301.	15.1	341.8	198341.	92071302.	16.4	333.6	183910.
92071303.	17.0	342.4	208179.	92071304.	12.9	333.1	178379.	92071715.	5.6	432.6	83407.
92071717.	11.5	411.9	53203.	92071718.	8.2	404.8	78482.	92071719.	7.1	405.7	60289.
92071720.	9.9	407.6	40561.	92071801.	13.2	393.1	75424.	92071802.	10.7	377.6	74093.
92071803.	10.8	375.8	69635.	92071804.	10.3	371.0	65062.	92071805.	12.0	373.7	73542.
92071806.	17.5	389.5	58716.	92071807.	16.4	387.9	56734.	92071808.	17.1	390.7	45018.
92071809.	16.6	381.8	43621.	92071811.	10.2	358.1	41105.	92071812.	9.9	354.6	45474.
92071813.	9.6	350.0	46398.	92071814.	12.2	358.6	42851.	92071815.	12.6	374.9	42217.
92071816.	9.9	339.6	49071.	92071817.	8.2	336.4	38014.	92071818.	7.9	334.4	31497.
92071819.	8.2	325.3	31777.	92071820.	7.9	323.7	31518.	92071901.	7.2	318.9	39630.
92071902.	7.1	315.9	40833.	92071903.	7.3	314.7	41640.	92071904.	7.6	316.9	40295.
92071905.	8.0	312.3	43008.	92071906.	9.9	318.3	39118.	92071907.	13.7	321.6	32340.
92071908.	13.8	317.9	32147.	92071909.	8.0	304.0	35780.	92071910.	12.7	308.0	31689.
92071911.	12.2	304.1	29490.	92071912.	12.0	307.0	26066.	92071913.	12.5	307.0	22930.
92071914.	12.4	306.6	20783.	92071915.	12.6	307.2	17071.	92072013.	28.4	324.5	15514.
92072014.	26.0	318.9	13709.	92072113.	47.2	307.6	51572.	92072114.	46.9	306.3	49961.
92072115.	44.6	304.8	44583.	92072116.	40.0	301.5	36722.	92072117.	40.2	301.8	50165.
92072118.	20.6	317.2	59887.	92072201.	13.4	333.8	108353.	92072202.	21.5	339.3	105359.
92072208.	24.2	390.0	97427.	92072209.	31.6	396.4	92196.	92072210.	27.6	394.5	80213.
92072211.	26.0	395.9	61617.	92072212.	24.0	395.2	52506.	92072213.	21.5	406.5	121108.
92072214.	18.4	419.8	127444.	92072215.	16.1	470.4	158579.				
92072216.	14.0	487.1	268883.	92072217.	14.3	528.7	329978.	92072218.	13.7	536.8	334629.

92072219.	12.4	605.9	326173.	92072220.	13.0	615.2	32116.	92072221.	13.1	653.9	344924.
92072222.	10.6	635.3	336970.	92072223.	10.2	635.0	323831.	92072224.	9.3	640.5	338147.
92072301.	5.0	678.5	223337.	92072302.	4.9	680.7	217388.	92072303.	4.6	680.4	224161.
92072304.	4.7	676.4	219198.	92072305.	4.8	656.9	190102.	92072306.	4.6	651.1	184738.
92072307.	4.0	646.9	169289.	92072308.	3.6	635.5	161832.	92072309.	3.0	627.7	153788.
92072313.	2.7	552.4	119138.	92072314.	2.8	550.2	115171.	92072315.	2.6	536.7	118971.
92072316.	2.4	521.5	85227.	92072317.	2.4	523.0	84202.	92072318.	2.2	519.7	67198.
92072319.	2.8	518.7	85141.	92072320.	3.2	504.4	102263.	92072321.	3.7	480.3	87778.
92072322.	4.8	474.3	95554.	92072323.	6.8	460.5	103754.	92072324.	6.3	456.8	102732.
92072401.	7.2	447.3	105398.	92072402.	8.0	451.1	115285.	92072403.	7.5	446.4	106304.
92072404.	6.4	442.6	93348.	92072405.	5.9	435.7	82107.	92072406.	7.9	415.1	76947.
92072407.	7.1	404.4	63200.	92072408.	7.4	398.1	59311.	92072409.	7.7	415.4	51991.
92072410.	6.9	430.0	47196.	92072415.	10.9	433.6	75541.	92072416.	11.8	433.7	92235.
92072417.	11.2	417.5	81040.	92072418.	9.6	431.1	90802.	92072419.	8.6	428.6	72677.
92072420.	5.8	436.8	59590.	92072421.	4.8	406.4	66372.	92072422.	6.6	424.0	79972.
92072423.	8.7	415.7	81705.	92072424.	9.0	427.4	80169.	92072501.	6.6	421.7	62559.
92072503.	7.0	405.8	36231.	92072504.	7.4	443.2	38730.	92073006.	19.7	358.3	33742.
92073007.	17.3	352.6	32692.	92073008.	21.8	341.9	38835.	92073009.	29.9	362.8	40364.
92073010.	34.0	365.0	37051.	92073011.	33.2	361.1	40994.	92073012.	30.1	360.8	36872.
92073013.	37.9	356.2	31938.	92073014.	33.9	360.9	55143.	92073015.	29.2	365.7	67928.
92073016.	28.0	373.1	84830.	92073017.	20.0	371.7	76797.	92073018.	21.1	367.8	73499.
92073019.	22.8	368.6	87726.	92073020.	21.3	375.0	96182.	92073023.	15.7	374.6	69019.
92073024.	16.6	387.4	78941.	92073101.	19.0	401.4	97609.	92073102.	18.9	396.7	104634.
92073103.	17.2	397.0	99082.	92073105.	15.4	413.2	108525.	92073106.	14.7	419.7	119844.
92073107.	13.8	451.3	102305.	92073108.	13.9	444.0	95888.	92073109.	14.5	441.9	106838.
92073110.	14.0	429.6	94165.	92073111.	16.0	433.6	79948.	92073112.	19.9	447.0	68873.
92073113.	23.7	435.0	83492.	92073114.	25.6	418.6	83907.	92073115.	23.8	418.1	85768.
92073116.	20.8	411.3	103191.	92073117.	15.2	405.6	123698.	92073118.	14.9	413.1	137133.
92073119.	12.1	423.5	201936.	92073120.	11.7	421.5	194621.	92073121.	11.5	417.7	191675.
92073122.	11.9	440.3	182606.	92073124.	8.9	463.3	132669.	92080101.	9.7	480.6	108808.
92080102.	9.6	490.1	93010.	92080103.	8.0	482.6	106477.	92080104.	8.5	491.1	116636.
92080105.	9.1	495.2	104589.	92080107.	9.2	478.2	84521.	92080108.	9.1	487.0	85728.
92080109.	7.8	475.1	80704.	92080110.	7.9	474.9	81576.	92080111.	8.3	480.1	76459.
92080113.	7.8	458.9	71489.	92080119.	6.1	447.5	60564.	92080120.	5.8	440.7	63578.
92080121.	6.5	438.0	67298.	92080122.	6.4	430.5	63344.	92080123.	6.0	428.4	62186.
92080124.	5.8	425.8	61729.	92080201.	5.9	420.0	58330.	92080202.	5.4	410.1	54450.
92080203.	4.8	405.8	53085.	92080204.	5.2	402.0	50756.	92080205.	5.2	403.3	48088.
92080206.	5.3	400.2	49777.	92080207.	5.3	394.2	51951.	92080208.	5.8	413.7	58066.
92080209.	5.3	392.5	53807.	92080210.	5.8	394.8	51972.	92080211.	5.6	387.1	48692.
92080212.	6.2	394.8	47015.	92080216.	7.1	391.5	45090.	92080217.	6.2	384.3	36511.
92080218.	7.4	386.6	30321.	92080219.	7.7	377.9	35385.				
92080220.	7.5	382.7	37113.	92080221.	5.2	368.4	45728.	92080222.	5.2	365.1	41470.
92080301.	5.9	352.6	42416.	92080302.	5.7	353.0	50547.	92080303.	4.8	353.0	49220.
92080304.	4.7	352.3	46648.	92080305.	6.8	350.1	41720.	92080306.	8.3	358.6	36523.
92080307.	9.3	347.4	34842.	92080308.	9.2	350.3	33900.	92080309.	9.2	349.4	31361.
92080310.	9.5	345.0	28829.	92080311.	9.6	343.9	31421.	92080312.	10.2	342.7	33004.
92080313.	9.8	341.8	32079.	92080314.	9.6	342.3	29537.	92080315.	11.2	344.5	27087.
92080316.	11.4	335.6	28334.	92080317.	10.4	329.6	30850.	92080318.	8.5	330.2	32744.
92080319.	10.5	330.3	30627.	92080320.	9.0	326.5	29839.	92080321.	8.1	322.9	28634.
92080322.	10.8	330.4	27958.	92080323.	10.8	330.7	27643.	92080324.	11.0	336.0	28974.
92080401.	10.0	336.2	27512.	92080402.	25.9	359.9	38455.	92080407.	31.4	349.9	21968.
92080408.	29.6	335.4	23711.	92080409.	28.6	333.6	23047.	92080410.	27.2	334.9	23368.
92080411.	27.6	324.5	23622.	92080412.	27.6	317.6	20775.	92080413.	35.0	322.7	18555.
92080414.	34.9	324.0	25644.	92080415.	77.0	340.0	36517.	92080417.	84.2	345.2	64777.
92080418.	71.5	350.1	70946.	92080419.	56.5	350.4	70948.	92080420.	58.5	359.4	77847.
92080421.	55.4	376.5	122830.	92080422.	45.3	388.8	138075.	92080423.	29.7	384.8	108669.
92080424.	26.5	381.8	104728.	92080501.	37.2	387.1	76482.	92080502.	58.3	389.1	53926.
92080503.	54.8	380.9	15789.	92080504.	38.7	384.9	21684.	92080505.	23.2	389.5	31474.
92080506.	8.4	391.3	44156.	92080507.	6.1	380.3	20169.	92080508.	4.4	383.9	14468.
92080513.	5.8	373.5	20108.	92080514.	5.6	377.7	18085.	92080519.	9.1	387.5	28772.
92080520.	15.1	375.4	62706.	92080521.	15.6	371.9	89006.	92080522.	18.6	365.7	50340.
92080523.	16.6	366.8	71176.	92080524.	21.1	367.6	64643.	92080601.	22.0	375.7	55598.
92080602.	19.0	375.2	46410.	92080603.	11.5	369.6	64649.	92080604.	12.5	368.0	59112.
92080605.	24.1	400.2	100978.	92080606.	33.1	413.4	68314.	92080607.	43.6	406.1	35202.
92080608.	24.9	376.7	72932.	92080609.	11.4	313.0	131235.	92080722.	3.0	385.7	318735.
92080723.	3.4	429.3	449122.	92081319.	11.1	548.8	177352.	92081320.	9.9	546.7	227810.

92081411.	7.9	543.2	269653.	92081415.	8.2	429.4	92081416.	8.6	441.8	40445.
92081417.	6.5	451.6	67915.	92081418.	5.5	434.2	92081419.	4.7	399.1	67388.
92081420.	5.1	375.2	58776.	92081421.	4.8	381.6	92081422.	4.4	379.8	53038.
92081423.	4.8	354.9	50497.	92081424.	5.5	353.5	92081501.	4.9	340.3	30243.
92081523.	8.8	443.5	117269.	92081524.	9.0	449.1	92081601.	7.3	441.3	84670.
92081607.	10.8	444.3	99419.	92081613.	11.1	461.9	92081614.	12.1	470.3	88433.
92081615.	10.1	457.4	103612.	92081616.	8.7	455.8	92081617.	9.0	447.9	91863.
92081618.	8.0	450.8	79257.	92081619.	7.4	443.8	92081620.	4.5	457.7	66051.
92081621.	4.8	453.0	70388.	92081622.	5.1	438.9	92081623.	7.4	427.4	87656.
92081624.	8.8	417.7	76875.	92081701.	9.1	407.8	92081702.	8.9	404.7	72843.
92081703.	7.9	414.1	84806.	92081704.	8.6	416.4	92081705.	6.1	415.2	76773.
92081713.	4.7	386.9	66963.	92081714.	5.9	370.6	92081715.	6.3	380.6	57175.
92081716.	7.6	385.2	52258.	92081717.	8.5	388.7	92081718.	7.6	375.5	46270.
92081719.	8.7	372.0	45403.	92081720.	8.5	367.9	92081721.	8.1	361.9	38550.
92081722.	9.8	358.6	36874.	92081723.	10.4	359.6	92081724.	11.8	356.6	41887.
92081801.	12.7	355.7	43278.	92081802.	14.4	364.6	92081803.	14.9	356.3	39445.
92081804.	16.4	359.9	46109.	92081805.	16.0	371.4				
92081806.	16.9	386.7	32159.	92081807.	27.2	379.8	92081808.	26.7	377.5	35894.
92081809.	26.3	378.6	37924.	92081810.	24.2	382.6	92081811.	23.0	378.4	37205.
92081812.	21.2	379.5	40887.	92081813.	18.3	374.2	92081814.	16.9	373.0	48622.
92081815.	18.1	369.0	58404.	92081822.	14.0	352.1	92081823.	13.9	347.7	36705.
92081904.	13.0	336.0	34618.	92081905.	14.4	342.5	92081906.	15.9	342.5	33456.
92081907.	16.9	350.9	25166.	92081908.	15.0	353.8	92081909.	16.4	359.0	16397.
92081923.	39.0	394.9	72561.	92081924.	39.0	393.2	92082022.	5.1	306.6	97870.
92082023.	5.7	315.5	95416.	92082024.	5.4	304.0	92082110.	7.0	354.3	251543.
92082405.	0.5	634.2	686396.	92082508.	3.7	459.6	92082509.	4.2	461.9	89687.
92082510.	4.6	460.2	68680.	92082511.	5.5	460.0	92082512.	5.0	456.0	59410.
92082513.	5.7	455.1	56001.	92082514.	6.0	452.7	92082515.	6.8	448.8	50355.
92082516.	9.4	449.6	45587.	92082519.	12.7	441.8	92082520.	14.6	442.3	57616.
92082521.	13.8	442.4	50302.	92082522.	17.8	442.0	92082523.	15.3	434.8	43985.
92082524.	18.1	444.6	39395.	92082601.	19.7	435.2	92082602.	17.5	424.5	43677.
92082603.	9.9	406.7	34143.	92082604.	13.6	405.7	92082605.	11.6	406.2	49281.
92082606.	11.1	404.4	43451.	92082607.	11.8	404.0	92082608.	13.4	405.2	46555.
92082609.	22.2	401.0	45849.	92082610.	21.7	404.4	92082611.	23.7	405.8	49167.
92082612.	23.1	409.7	59347.	92082613.	6.8	397.2	92082614.	6.6	417.9	110978.
92082615.	7.4	424.8	91006.	92082616.	8.0	427.7	92082617.	8.5	416.2	102186.
92082618.	8.5	426.6	97569.	92082621.	7.7	432.9	92082622.	7.5	436.2	95801.
92082623.	7.7	427.6	94574.	92082624.	7.4	420.6	92082701.	8.2	417.9	94347.
92082702.	9.2	424.4	92362.	92082703.	10.3	431.8	92082704.	9.9	426.6	100117.
92082707.	14.0	441.7	120939.	92082708.	13.8	430.5	92082709.	13.3	430.5	122289.
92082710.	13.3	443.1	149108.	92082711.	13.1	447.7	92082712.	11.5	449.9	189372.
92082713.	10.2	440.0	185333.	92082714.	9.6	438.9	92082819.	9.0	369.3	43167.
92082820.	9.6	368.5	35698.	92082821.	12.8	357.8	92082823.	17.2	357.1	45653.
92082824.	21.6	359.4	31278.	92082901.	30.7	370.2	92082902.	35.5	370.5	32748.
92082913.	10.3	416.4	76906.	92082914.	9.0	415.9	92082915.	9.9	415.7	74713.
92082916.	9.4	420.1	64662.	92082917.	9.4	419.2	92082918.	8.8	415.2	63616.
92082919.	8.6	411.4	62103.	92082920.	8.5	413.3	92082921.	8.3	411.7	62956.
92082922.	7.9	406.3	64429.	92082923.	8.9	397.9	92082924.	10.0	389.9	36070.
92083001.	10.1	382.7	36050.	92083023.	20.8	343.9	92083024.	20.7	350.5	26861.
92083101.	22.3	346.2	25859.	92083102.	23.4	348.9	92083103.	21.4	347.1	22488.
92083105.	21.1	343.4	17866.	92083106.	24.5	346.4	92083119.	9.4	327.7	13689.
92090122.	10.7	248.1	80676.	92090123.	10.5	257.5	92090124.	10.0	259.6	90666.
92090207.	110.7	287.3	101324.	92090208.	107.0	292.5	92090209.	99.2	293.3	99384.
92090210.	152.5	295.1	101029.	92090211.	118.7	285.0	92090212.	38.1	336.0	208762.
92090213.	25.5	376.8	236777.	92090621.	7.0	508.6	92090622.	5.8	492.4	131378.
92090623.	5.8	504.3	143116.	92090624.	5.6	505.6	92090701.	6.1	519.3	141620.
92090702.	5.7	497.0	149234.	92090703.	6.3	526.0	92090704.	5.9	537.7	152608.
92090705.	6.1	517.9	154541.	92090706.	5.4	548.9	92090707.	5.1	548.1	174890.
92090817.	4.1	450.6	76963.	92090822.	4.0	429.1				
92090823.	3.6	431.6	75843.	92090824.	4.1	427.6	92090901.	4.0	431.1	66721.
92090902.	8.9	494.9	259929.	92090903.	19.9	575.8	92090904.	20.8	564.9	427430.
92090905.	20.8	580.4	279973.	92090911.	53.8	551.0	92090912.	33.3	541.5	73878.
92090913.	29.2	535.0	69886.	92090914.	25.5	529.7	92090915.	36.6	515.6	60293.
92090916.	29.7	512.8	74919.	92090917.	24.5	521.8	92090918.	15.5	514.3	43124.
92090919.	7.2	502.8	28966.	92090920.	9.8	496.8	92090921.	13.1	483.2	20885.
92090923.	13.9	484.4	27476.	92090924.	20.8	477.3	92091001.	16.6	475.7	25883.

92091012.	18.0	478.1	26744.	92091011.	10.9	452.8	26357.	92091012.	9.7	453.7	26630.
92091013.	14.2	442.3	35645.	92091014.	16.0	439.3	30093.	92091015.	8.6	441.2	31156.
92091016.	6.5	439.2	33259.	92091017.	5.5	438.1	23409.	92091018.	6.4	427.9	30349.
92091019.	6.2	431.5	36093.	92091020.	6.0	422.6	42374.	92091021.	6.1	419.6	42491.
92091022.	6.4	416.6	43053.	92091023.	6.8	416.5	46168.	92091024.	6.9	426.4	44961.
92091101.	6.6	402.2	49377.	92091102.	6.5	398.1	54296.	92091103.	5.8	411.7	44504.
92091104.	4.9	412.9	37662.	92091105.	4.4	394.1	45570.	92091106.	5.3	383.5	56799.
92091121.	12.4	382.4	66630.	92091820.	11.7	535.7	439360.	92091821.	9.0	556.7	682937.
92091822.	6.2	607.5	176850.	92091823.	6.2	609.7	172358.	92091824.	6.1	602.8	165368.
92092001.	5.7	512.1	94376.	92092002.	7.4	490.0	93762.	92092006.	9.4	524.7	108125.
92092007.	9.7	506.2	106324.	92092008.	9.8	514.4	111068.	92092009.	9.9	509.2	107253.
92092010.	9.3	487.7	116889.	92092012.	10.2	501.3	140463.	92092014.	8.8	501.0	119210.
92092016.	7.0	507.6	108484.	92092019.	5.9	466.2	90034.	92092110.	5.2	476.0	134658.
92092111.	5.6	506.5	143200.	92092112.	5.3	480.6	122954.	92092113.	4.7	475.4	109387.
92092114.	4.9	464.9	98556.	92092115.	5.1	463.3	98748.	92092116.	5.3	458.5	89310.
92092117.	5.2	460.8	84353.	92092118.	5.9	465.0	93377.	92092219.	14.0	503.4	195036.
92092220.	15.1	493.4	199086.	92092221.	14.1	517.4	203096.	92092222.	11.8	500.8	214510.
92092223.	10.4	513.3	216390.	92092308.	5.3	512.6	174097.	92092309.	5.8	512.5	161243.
92092310.	4.9	505.2	146239.	92092311.	5.7	504.8	118293.	92092312.	5.2	499.5	108363.
92092313.	4.2	498.6	113857.	92092320.	6.7	434.0	100111.	92092322.	8.4	470.3	157281.
92092408.	10.1	392.6	71605.	92092409.	10.0	390.5	64394.	92092410.	9.1	391.1	65505.
92092411.	11.3	396.3	87844.	92092412.	10.8	399.2	78104.	92092413.	11.4	398.3	77032.
92092414.	11.3	394.2	72681.	92092422.	12.2	409.5	77735.	92092520.	15.7	440.1	81694.
92092522.	21.0	427.9	29306.	92092621.	9.0	380.2	215145.	92092623.	5.0	353.3	207023.
92092624.	6.3	354.9	229957.	92092702.	7.1	330.3	179356.	92092703.	7.3	343.0	189397.
92100317.	1.2	337.8	26451.	92100318.	1.2	343.5	29339.	92100319.	1.1	331.3	28661.
92100407.	5.7	451.8	133138.	92100408.	5.0	465.5	67807.	92100409.	5.7	466.2	16459.
92100410.	9.0	456.3	13001.	92100411.	6.0	444.9	18506.	92100412.	4.9	428.3	14299.
92100413.	2.7	427.5	27649.	92100414.	1.8	421.0	33101.	92100415.	1.7	416.2	32443.
92100416.	1.5	406.4	34350.	92100417.	1.3	407.7	35269.	92100418.	1.3	406.3	37527.
92100419.	1.5	404.9	34939.	92100420.	1.8	399.0	28292.	92100421.	1.8	394.8	30068.
92100422.	1.8	389.3	36428.	92100423.	2.1	389.0	35949.	92100424.	1.9	389.7	34097.
92100501.	2.2	395.8	42990.	92100502.	2.6	389.6	44147.	92100503.	2.6	388.4	48484.
92100504.	5.9	395.1	60462.	92100505.	8.5	396.2	53860.	92100506.	8.2	403.5	55135.
92100514.	7.3	384.8	75768.	92100515.	7.2	370.0	63031.				
92100516.	8.1	363.3	67888.	92100517.	7.8	372.9	72535.	92100518.	5.4	366.8	76143.
92100519.	3.2	347.9	52263.	92100520.	3.5	346.1	63100.	92100521.	4.0	350.1	74106.
92100522.	4.0	348.5	73985.	92100524.	5.9	357.1	71330.	92100601.	7.4	376.2	69545.
92100602.	6.4	404.5	71642.	92100603.	5.3	374.6	72779.	92100604.	5.7	395.9	89366.
92100605.	5.7	375.4	96886.	92100606.	5.9	384.3	90774.	92100607.	4.9	394.9	100281.
92100608.	4.1	383.1	58227.	92100609.	4.3	371.4	64811.	92100701.	3.5	318.6	34424.
92100702.	3.7	323.4	43517.	92100703.	5.0	329.4	40559.	92100718.	17.9	393.9	27531.
92100719.	18.5	388.9	23164.	92100720.	18.0	384.6	29002.	92100722.	13.5	386.6	34270.
92100723.	15.7	382.4	23896.	92100724.	17.9	385.2	12433.	92100822.	50.5	403.5	60246.
92100824.	68.0	405.6	44530.	92100904.	79.7	387.4	42199.	92101312.	26.4	417.4	362150.
92101316.	31.4	490.6	230039.	92101317.	25.0	490.8	199540.	92101321.	14.5	606.1	325671.
92101322.	17.6	624.7	358951.	92101323.	14.0	615.2	316818.	92101324.	11.5	615.2	349615.
92101401.	11.8	630.5	374329.	92101402.	9.8	636.8	319139.	92101403.	8.0	641.0	232972.
92101404.	8.2	638.8	253621.	92101405.	6.6	645.6	265385.	92101406.	5.7	656.7	217800.
92101407.	7.0	669.3	249440.	92101408.	8.8	657.1	247268.	92101413.	7.5	624.4	220785.
92101415.	4.4	650.0	206258.	92101423.	7.2	717.5	520797.	92101424.	6.8	717.5	467544.
92101502.	7.3	726.7	374249.	92101503.	6.7	728.0	420931.	92101504.	6.5	730.2	376872.
92101505.	5.9	732.3	380478.	92101506.	5.7	733.2	341545.	92101507.	5.9	731.6	341169.
92101508.	2.0	674.3	162718.	92101509.	5.4	720.1	317461.	92101510.	4.8	698.3	273853.
92101511.	6.0	675.4	216265.	92101512.	6.6	692.8	243031.	92101513.	7.0	672.1	243749.
92101514.	7.0	671.5	236530.	92101522.	6.2	692.4	202237.	92101523.	6.6	686.9	199638.
92101601.	5.6	706.5	192367.	92101602.	6.0	688.0	223330.	92101603.	4.9	662.3	187267.
92101604.	4.4	659.2	113845.	92101605.	3.6	661.7	188264.	92101606.	4.2	650.5	205828.
92101607.	4.4	661.3	205975.	92101608.	4.2	651.1	183394.	92101609.	4.0	632.1	175585.
92101610.	4.9	625.3	169795.	92101611.	4.4	650.1	179138.	92101612.	4.3	605.7	174023.
92101618.	5.4	602.9	208025.	92101619.	5.2	581.0	159332.	92101620.	5.1	575.4	155407.
92101621.	4.9	576.3	139810.	92101708.	6.1	607.2	160097.	92101709.	6.2	611.1	181770.
92101710.	6.7	611.4	175409.	92101711.	6.4	588.8	179653.	92101712.	6.8	594.7	191143.
92101713.	6.8	580.7	179671.	92101714.	7.2	576.1	174990.	92101715.	6.9	583.9	171341.
92101716.	7.0	584.5	161757.	92101717.	5.4	579.9	131101.	92101718.	5.4	583.3	123455.
92101719.	4.8	591.3	126643.	92101720.	4.8	573.6	99749.	92101721.	4.8	570.8	98701.

92101910.	14.9	426.0	57340.	92101911.	13.4	422.9	85.	92101912.	13.3	425.3	71722.
92101916.	18.3	415.2	88869.	92101917.	17.1	422.5	81014.	92101918.	15.0	427.3	95787.
92101919.	13.4	428.2	98272.	92101920.	14.7	429.4	127283.	92101921.	13.8	422.2	101323.
92101922.	12.9	432.8	89878.	92102019.	8.0	447.8	113545.	92102022.	5.6	431.6	80533.
92102102.	7.5	441.6	78762.	92102103.	7.6	431.2	90054.	92102104.	8.5	421.5	96330.
92102105.	8.3	411.2	98692.	92102107.	9.8	410.2	106703.	92102108.	11.5	421.0	107751.
92102109.	12.1	419.8	104157.	92102110.	12.7	415.4	100717.	92102111.	12.9	406.6	87841.
92102616.	19.1	377.4	40556.	92102617.	18.1	382.1	48577.	92102623.	6.3	394.0	139243.
92102624.	6.9	383.7	145038.	92102718.	9.0	497.0	293574.	92102719.	10.0	473.1	260942.
92102720.	9.2	459.8	299941.	92102801.	6.4	488.2	220741.	92102802.	6.4	484.8	221494.
92102803.	6.1	444.5	180360.	92102804.	6.0	474.6	170606.				
92102805.	6.1	462.9	164629.	92102806.	6.4	466.0	174945.	92102807.	6.6	462.1	151446.
92102808.	6.4	442.0	144719.	92102809.	6.2	468.6	142338.	92102810.	6.5	471.4	152082.
92102811.	6.5	443.3	149247.	92102812.	6.8	423.6	136147.	92102813.	6.8	412.8	117142.
92102814.	7.9	394.8	85743.	92102815.	8.4	398.8	53954.	92102816.	9.9	406.2	67875.
92102817.	9.5	402.2	41267.	92102906.	6.0	455.1	112491.	92102907.	7.1	443.9	116562.
92102908.	7.6	434.2	128431.	92102909.	6.9	445.4	129371.	92102910.	6.2	470.2	121494.
92102911.	5.4	453.5	113392.	92102915.	6.2	489.0	153969.	92102916.	6.2	485.1	139186.
92102917.	6.8	497.9	135051.	92102918.	6.6	496.5	129083.	92102919.	6.5	488.1	134255.
92102920.	6.4	477.7	124458.	92102922.	6.8	465.1	119068.	92103003.	5.4	475.8	95256.
92103004.	5.6	460.9	80423.	92103005.	5.9	454.9	77435.	92103006.	5.9	448.7	82402.
92103017.	5.4	435.8	82966.	92103018.	5.4	436.1	79006.	92103019.	5.4	435.4	75033.
92110805.	15.3	419.9	85105.	92110806.	16.5	441.3	118150.	92110807.	16.5	430.9	109881.
92110808.	15.7	434.7	102538.	92110809.	12.9	432.5	111301.	92110810.	13.5	445.3	106346.
92110811.	12.3	437.7	82890.	92110812.	10.8	437.2	82092.	92110813.	8.3	434.0	76204.
92110814.	8.7	442.8	87770.	92110815.	9.5	452.3	100963.	92110816.	10.0	446.7	100117.
92110817.	11.0	449.7	115852.	92110818.	12.0	446.7	124393.	92110819.	12.2	455.6	158965.
92110822.	9.8	449.6	58123.	92110823.	18.5	447.1	55469.	92110824.	26.5	446.3	47673.
92110901.	16.1	450.4	56980.	92110902.	14.1	447.6	91406.	92110903.	16.8	443.4	74113.
92110905.	35.8	441.4	59111.	92110906.	48.7	439.3	46120.	92110907.	50.1	426.3	34872.
92110908.	39.5	424.5	30563.	92110909.	44.5	417.4	41178.	92110910.	40.0	405.1	80503.
92110911.	28.8	395.6	31587.	92110912.	19.5	406.8	16269.	92110913.	21.7	416.3	20039.
92110914.	10.6	425.9	17204.	92110915.	12.8	432.1	28834.	92110916.	10.2	422.6	44019.
92110917.	8.8	420.8	70073.	92110918.	6.6	450.6	65856.	92110919.	7.4	468.6	58908.
92110920.	15.4	427.8	198144.	92110921.	17.2	444.1	210621.	92110922.	25.1	461.2	220099.
92110923.	41.2	456.6	135214.	92110924.	60.0	468.5	104075.	92111001.	81.3	461.6	70114.
92111004.	15.8	485.5	201127.	92111005.	12.6	486.7	208501.	92111006.	13.4	476.9	130345.
92111007.	12.6	458.5	151233.	92111008.	13.5	479.9	138170.	92111009.	12.3	463.3	121219.
92111010.	12.2	470.6	116210.	92111011.	12.4	467.5	115948.	92111012.	14.1	481.0	118821.
92111013.	13.6	476.3	132611.	92111014.	12.8	476.0	127554.	92111015.	12.5	480.2	123038.
92111016.	13.7	498.0	137032.	92111017.	14.6	505.9	147535.	92111019.	19.8	511.7	147368.
92111020.	18.3	529.7	160654.	92111021.	17.4	547.6	177040.	92111022.	15.2	602.6	338651.
92111023.	15.3	621.0	327353.	92111024.	15.2	610.9	321848.	92111101.	11.7	614.1	263087.
92111108.	6.6	663.4	219008.	92111109.	5.6	648.0	175707.	92111110.	6.4	656.7	195995.
92111111.	6.0	637.3	187860.	92111112.	6.4	638.2	190216.	92111113.	6.4	657.5	203459.
92111114.	7.1	668.4	250712.	92111115.	6.8	655.5	209782.	92111116.	6.3	659.8	233330.
92111117.	5.9	655.5	236257.	92111118.	5.9	660.0	232774.	92111119.	5.6	653.2	215253.
92111120.	4.8	629.0	170986.	92111121.	5.4	670.3	189030.	92111122.	5.5	663.9	227357.
92111123.	5.6	672.9	247039.	92111124.	5.7	657.7	219769.	92111201.	4.7	621.6	107086.
92111317.	5.2	601.4	168043.	92111318.	3.6	622.5	199148.	92111319.	3.5	618.9	195516.
92111320.	3.7	619.1	184336.	92111321.	3.6	623.3	196377.	92111322.	3.7	621.1	204918.
92111404.	5.9	577.4	197833.	92111405.	5.8	554.6	147941.	92111406.	4.7	564.0	144878.
92111407.	4.6	549.8	123664.	92111408.	5.0	550.5	95387.				
92111409.	5.7	549.6	90213.	92111410.	5.5	535.6	83696.	92111411.	6.2	553.9	70360.
92111412.	5.6	535.7	89966.	92111417.	4.4	509.8	92844.	92111418.	5.0	524.0	111352.
92111419.	5.4	528.0	111671.	92111421.	5.9	526.9	103821.	92111422.	6.0	529.4	113801.
92111423.	6.8	535.0	138075.	92111503.	6.3	515.4	113768.	92111504.	5.6	505.9	113642.
92111505.	5.5	493.7	119239.	92111506.	5.3	517.0	119418.	92111507.	5.1	513.6	104014.
92111508.	5.7	508.8	119069.	92111509.	5.7	504.5	126006.	92111510.	5.2	504.8	115074.
92111519.	5.7	549.5	223200.	92111520.	5.7	525.0	192222.	92112018.	7.9	344.8	33375.
92112019.	7.4	346.4	32492.	92112020.	7.7	303.7	43534.	92112021.	7.6	351.5	32828.
92112023.	11.3	347.8	20034.	92112104.	14.6	381.8	68081.	92112105.	14.6	368.7	81151.
92112106.	15.1	366.6	80140.	92112107.	15.0	360.9	75735.	92112108.	15.5	357.7	69374.
92112109.	13.5	358.0	67616.	92112110.	12.6	347.1	66569.	92112111.	12.0	345.2	63759.
92112112.	10.6	340.7	57586.	92112113.	10.3	336.1	55559.	92112114.	9.1	327.5	57781.
92112115.	9.4	324.1	53289.	92112116.	9.7	323.8	58236.	92112117.	8.6	322.0	63612.

92112118.	10.6	323.0	60818.	92112119.	11.6	324.4	45.	92112120.	11.9	325.1	68877.
92112212.	32.9	440.6	122311.	92112213.	25.4	454.9	158786.	92112214.	13.2	425.4	183762.
92112215.	12.1	425.3	195902.	92112216.	9.5	431.4	191604.	92112217.	7.7	418.6	146015.
92112218.	9.0	423.7	170421.	92112219.	9.5	424.1	217016.	92112306.	7.4	442.4	139271.
92112307.	8.9	440.2	137106.	92112308.	9.9	445.5	145436.	92112309.	16.0	470.0	93484.
92112310.	14.8	464.2	98591.	92112311.	10.3	448.0	112116.	92112312.	9.6	438.0	106318.
92112313.	8.8	423.3	88802.	92112314.	8.0	425.2	90489.	92112315.	11.4	437.2	94619.
92112316.	14.1	443.3	60410.	92112317.	13.8	446.9	41406.	92112318.	12.6	447.7	31164.
92112319.	13.0	445.0	28876.	92112320.	13.5	443.1	22189.	92112321.	15.3	443.5	23619.
92112322.	9.2	438.6	54699.	92112323.	7.5	436.4	64129.	92112324.	9.1	440.4	50325.
92112401.	9.7	444.2	44115.	92112402.	9.1	434.0	77721.	92112413.	6.4	419.9	114950.
92112414.	5.6	410.9	118763.	92112415.	5.5	410.8	115827.	92112416.	6.3	419.3	128035.
92112417.	5.9	408.9	109576.	92112422.	5.6	391.4	98928.	92112514.	3.7	429.9	88402.
92112616.	3.5	427.3	65529.	92112617.	2.8	415.4	74470.	92112618.	2.9	401.9	65378.
92112619.	4.4	414.9	65842.	92112620.	4.5	412.5	69215.	92112621.	4.4	405.0	63532.
92112622.	4.6	397.7	56957.	92112623.	4.5	395.0	56699.	92112721.	3.7	343.6	33007.
92112722.	4.0	343.3	37009.	92112723.	5.4	363.3	63433.	92112724.	4.4	353.8	53694.
92112801.	4.3	348.0	47209.	92112802.	7.2	350.1	47518.	92112803.	8.8	354.0	51509.
92112804.	10.4	355.9	51340.	92112816.	11.6	342.4	29317.	92112817.	11.3	338.9	32697.
92112818.	13.3	339.3	33380.	92112819.	12.6	333.4	27450.	92112904.	15.7	288.0	96780.
92112905.	20.7	297.4	96719.	92112906.	21.2	300.2	89717.	92112907.	24.8	316.3	149939.
92112915.	4.8	266.8	109270.	92112916.	5.2	266.7	113420.	92112917.	5.9	283.5	129558.
92112919.	7.8	274.3	101464.	92112920.	8.8	287.8	108558.	92120314.	9.8	394.7	122048.
92120317.	9.4	403.0	122809.	92120318.	10.2	389.5	130680.	92120319.	9.1	416.7	98282.
92120320.	9.5	412.8	106236.	92120321.	10.2	407.2	125144.	92120322.	9.4	402.6	148642.
92120324.	8.7	395.8	133555.	92120401.	7.9	398.5	132823.	92120402.	8.4	401.8	148117.
92120403.	8.3	411.9	136875.	92120404.	8.5	411.5	128334.	92120405.	8.3	432.0	122526.
92120406.	7.8	403.4	103086.	92120407.	7.9	414.9	97386.	92120408.	7.7	388.2	91301.
92120409.	7.7	380.6	95641.	92120410.	7.6	387.0	89941.				
92120411.	8.2	375.9	89409.	92120412.	8.2	372.1	81650.	92120413.	7.8	376.4	72413.
92120414.	7.4	385.3	72055.	92120415.	7.7	356.5	69522.	92120416.	7.7	364.3	67253.
92120417.	8.1	359.1	63039.	92120418.	8.2	375.3	61224.	92120419.	8.6	374.6	62482.
92120420.	9.6	390.9	54855.	92120421.	8.8	382.3	55662.	92120422.	9.4	372.7	62015.
92120423.	9.1	388.2	50315.	92120424.	8.2	385.6	45164.	92120505.	8.4	340.3	72382.
92120506.	9.1	367.1	79782.	92120507.	8.9	346.9	70656.	92120508.	8.4	338.3	62726.
92120509.	7.9	341.2	61213.	92120510.	7.5	327.8	52987.	92120511.	7.8	331.7	53451.
92120512.	7.5	330.3	51964.	92120513.	7.2	325.8	47241.	92120514.	7.2	325.6	46068.
92120515.	7.6	324.5	42305.	92120516.	10.3	340.0	61571.	92120517.	7.8	325.9	50183.
92120518.	10.5	318.4	36495.	92120716.	17.8	340.5	160885.	92120717.	14.8	359.6	262208.
92120718.	15.7	365.4	218926.	92120724.	19.1	452.9	272590.	92120802.	20.8	513.9	409894.
92120803.	20.3	593.7	547141.	92120804.	16.1	633.5	472475.	92120805.	9.0	675.0	353072.
92120807.	5.4	701.7	242271.	92120808.	6.2	730.0	253606.	92120809.	6.1	699.6	217761.
92120810.	5.8	704.0	251141.	92120811.	6.0	741.5	224387.	92120824.	4.8	645.1	140219.
92120908.	5.7	666.5	184119.	92120913.	5.8	704.9	279304.	92120916.	4.9	676.4	202281.
92120917.	4.5	660.4	150735.	92120919.	4.6	678.7	178393.	92120920.	5.6	655.6	212118.
92120921.	5.0	689.9	229849.	92120922.	5.0	671.2	217136.	92121021.	8.1	590.9	118742.
92121022.	8.0	569.8	127955.	92121023.	8.3	570.8	123988.	92121024.	8.7	572.2	142360.
92121101.	8.5	571.7	136482.	92121102.	8.0	573.2	124615.	92121103.	6.8	555.4	94591.
92121104.	5.8	535.4	70129.	92121105.	6.1	541.8	109939.	92121115.	6.2	563.2	114646.
92121116.	6.9	551.6	108831.	92121509.	20.6	467.7	515442.	92121510.	10.1	517.1	236970.
92121511.	13.3	530.1	242786.	92121512.	11.3	518.3	216527.	92121513.	11.2	538.6	202728.
92121514.	9.8	541.4	184103.	92121515.	8.7	552.0	168110.	92121516.	9.6	550.0	162958.
92121517.	10.0	547.6	158618.	92121519.	7.7	522.6	130789.	92121520.	6.8	505.0	136570.
92121521.	7.6	526.0	144016.	92121606.	8.4	484.9	81937.	92121607.	7.2	462.5	84859.
92121608.	6.2	464.4	84759.	92121609.	6.5	462.1	94602.	92121610.	7.5	474.6	102013.
92121611.	7.5	467.4	97889.	92121612.	7.6	462.7	89075.	92121613.	6.9	457.3	76840.
92121614.	6.5	451.9	72532.	92121615.	6.7	445.0	57604.	92121616.	6.0	441.4	47322.
92121617.	6.9	430.4	68065.	92121618.	6.5	424.2	60499.	92121619.	6.8	425.7	56154.
92121620.	6.8	419.9	58705.	92121621.	6.5	406.0	53923.	92121622.	6.2	403.9	54100.
92121623.	6.1	407.7	47684.	92121705.	8.2	393.8	48917.	92121706.	8.8	402.0	58805.
92121707.	18.1	446.8	107116.	92121709.	38.7	505.1	188715.	92121710.	26.4	451.7	181634.
92121711.	18.6	424.0	165943.	92121712.	20.2	411.8	145500.	92121713.	19.6	413.4	118813.
92121714.	20.9	446.3	178906.	92121715.	24.5	506.9	178176.	92121716.	31.0	490.8	118022.
92121717.	20.7	492.1	108871.	92121719.	22.6	468.6	13635.	92121720.	23.5	460.3	20399.
92121721.	8.6	458.1	15136.	92121722.	13.0	461.6	11604.	92122108.	10.4	451.4	174098.
92122109.	11.1	445.1	180664.	92122110.	8.5	443.8	155194.	92122111.	9.8	473.1	172001.

92122120.	8.9	532.5	169062.	92122121.	8.3	556.9	21223.	92122122.	8.1	572.3	209297.
92122123.	6.2	531.6	153095.	92122124.	5.8	515.0	127831.	92122201.	6.0	525.3	124501.
92122221.	8.5	515.9	160152.	92122222.	7.8	520.5	145062.	92122223.	8.1	500.3	155386.
92122224.	8.4	503.1	159179.	92122301.	8.9	523.0	184821.	92122302.	8.0	532.9	232122.
92122303.	7.5	537.6	272432.	92122320.	4.7	505.4	122037.				
92122321.	4.4	510.5	132801.	92122322.	4.1	499.1	119555.	92122323.	4.0	496.3	106738.
92122324.	3.7	488.9	103340.	92122815.	26.0	427.1	59420.	92122816.	24.2	424.8	66059.
92122817.	22.3	408.8	87998.	92122912.	14.9	403.4	88566.	92122913.	15.7	430.7	98688.
92122914.	18.6	444.2	122063.	92122915.	18.2	459.1	118525.	92122916.	17.7	449.5	114469.
92122919.	14.3	423.0	108053.	92122920.	15.3	426.2	120117.				

TIMES PICKED OFF ARE FROM 92010420. TO 92122920.
 STARTING AT 92010400. AND ENDING WITH 92122924.