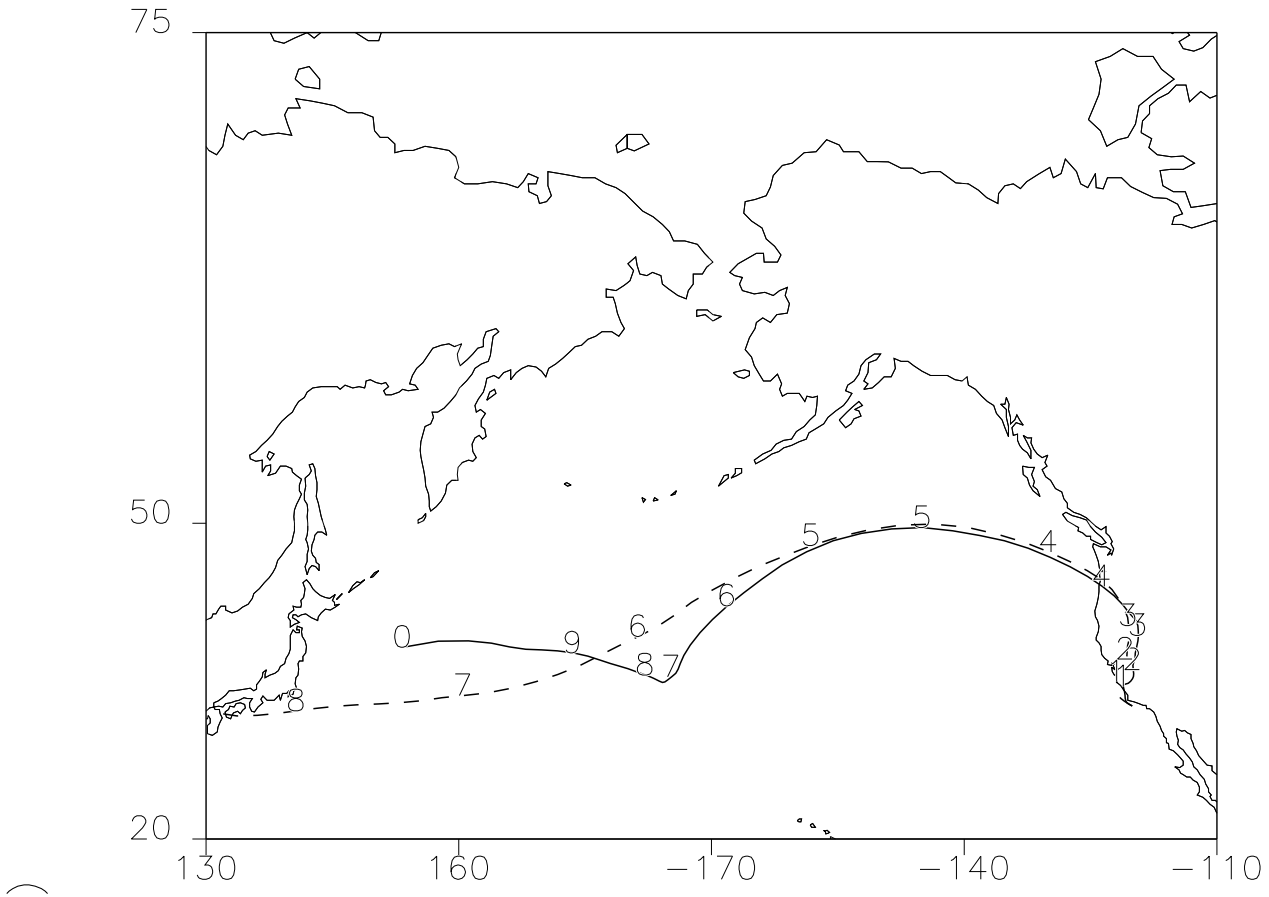
3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/1/2002 (Day of Year 91)
NCEP/NCAR Reanalysis 1 Data Set

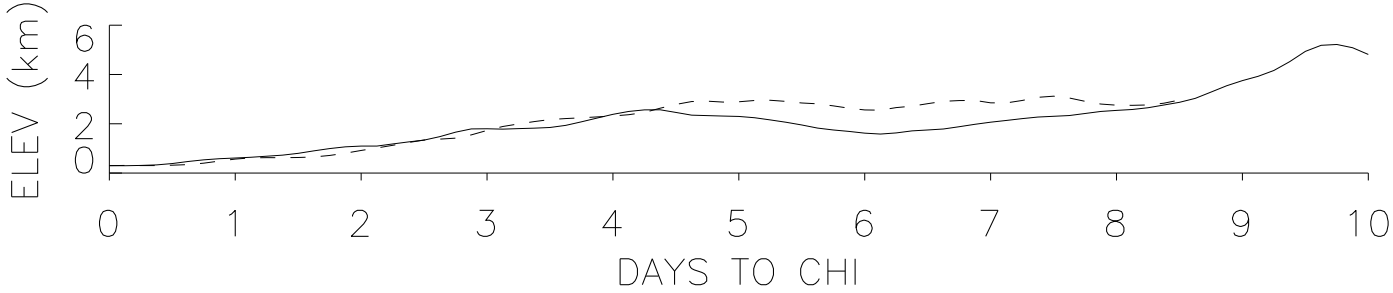


00UT

Day	km	hPa	C
0	0.3	978	18
1	0.6	946	21
2	1.1	893	21
3	1.8	820	10
4	2.4	763	−2
5	2.3	768	0
6	1.6	842	7
7	2.1	803	9
8	2.5	755	5
9	3.8	645	−5
10	4.8	555	−15

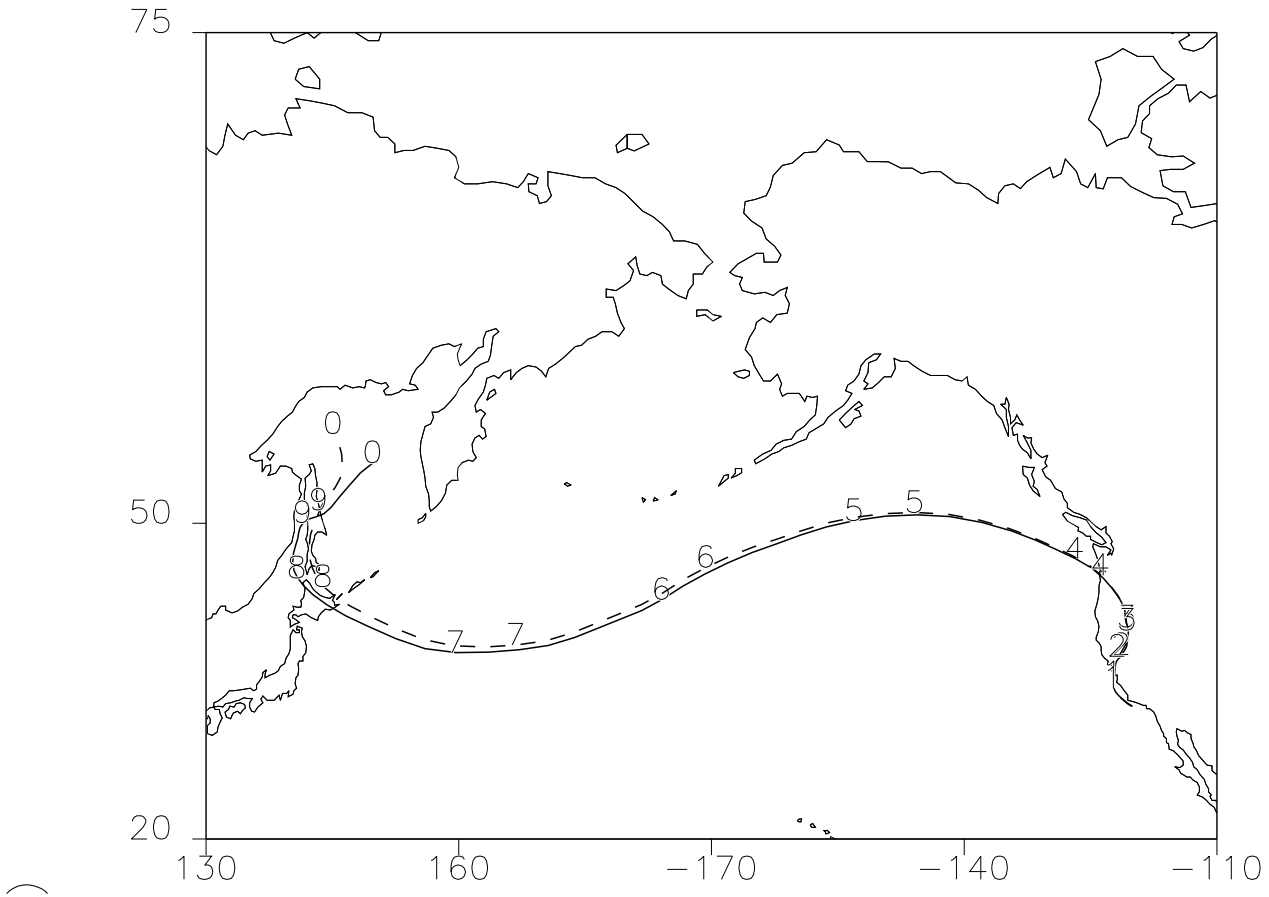
06UT

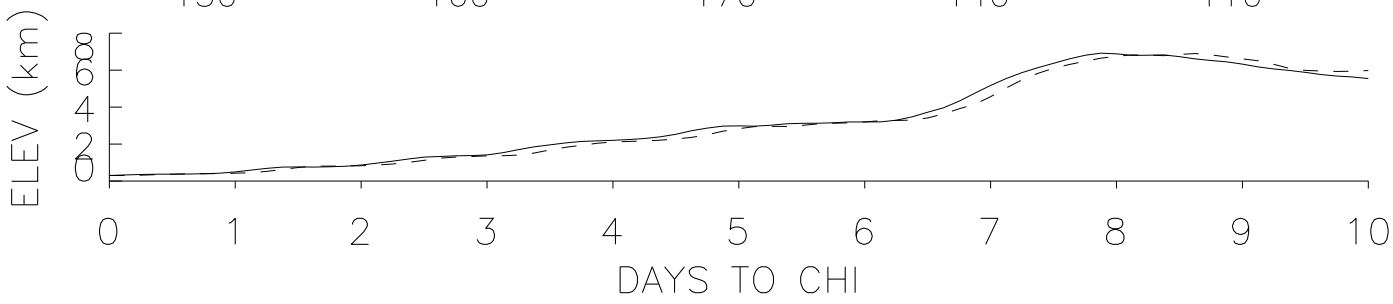
Day	km	hPa	C
0	0.3	978	15
1	0.6	952	17
2	0.9	914	15
3	1.7	829	6
4	2.3	767	−2
5	2.9	710	−5
6	2.6	742	−2
7	2.9	714	−4
8	2.8	720	−8



00UT – solid
06UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/1/2002 (Day of Year 91)
NCEP/NCAR Reanalysis 1 Data Set





12UT

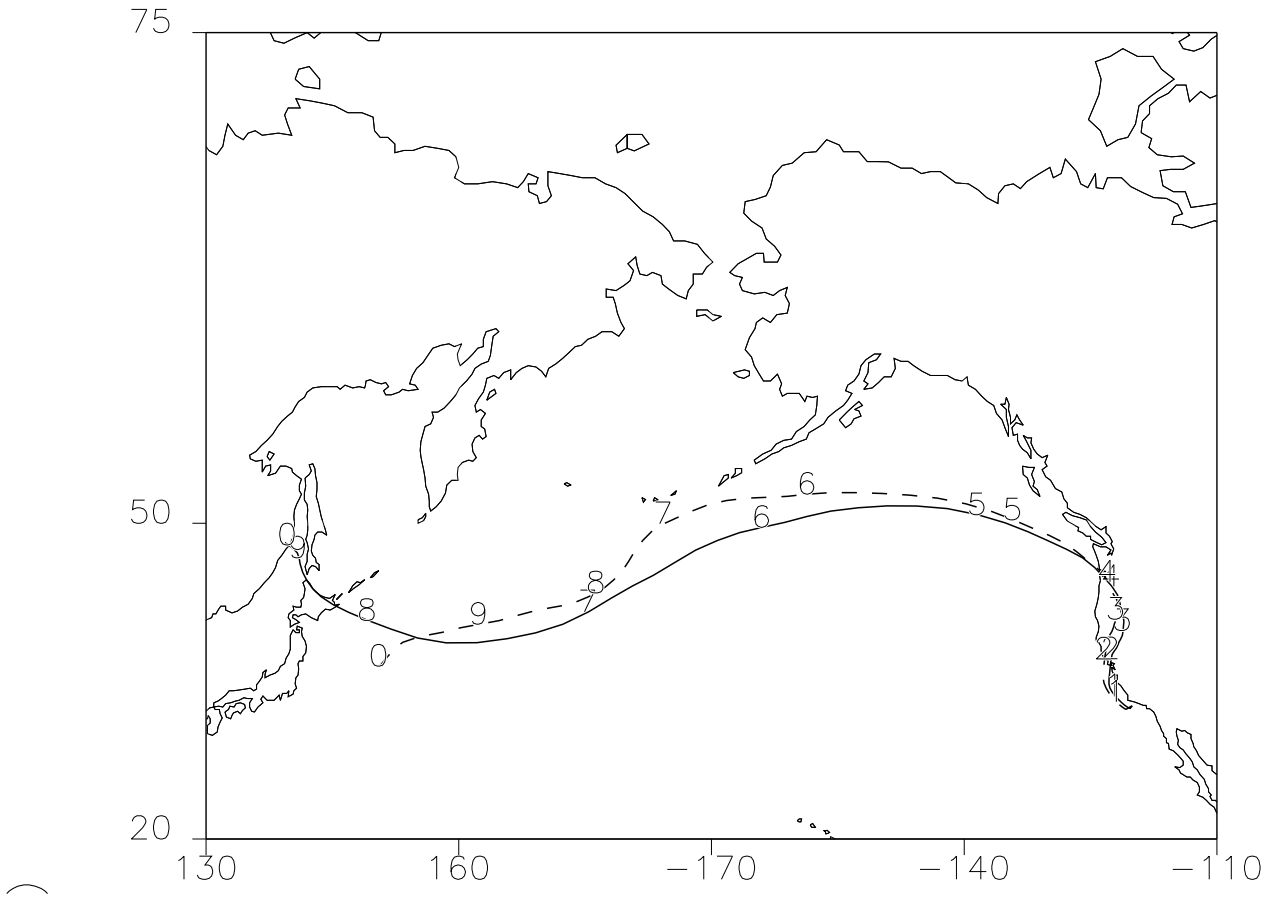
Day	km	hPa	C
0	0.3	978	11
1	0.5	959	14
2	0.9	920	13
3	1.4	861	5
4	2.2	778	−3
5	3.0	699	−8
6	3.2	680	−9
7	5.2	517	−29
8	6.9	392	−47
9	6.3	419	−43
10	5.5	471	−36

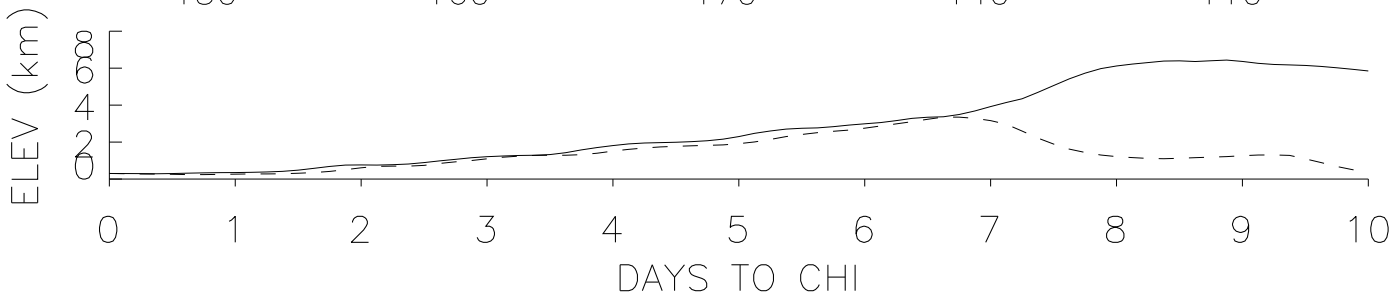
18UT

Day	km	hPa	C
0	0.3	978	17
1	0.4	967	17
2	0.8	925	18
3	1.4	869	9
4	2.1	790	−3
5	2.8	712	−8
6	3.2	679	−10
7	4.6	563	−23
8	6.8	400	−46
9	6.6	401	−44
10	6.0	444	−39

12UT – solid
18UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/2/2002 (Day of Year 92)
NCEP/NCAR Reanalysis 1 Data Set





00UT

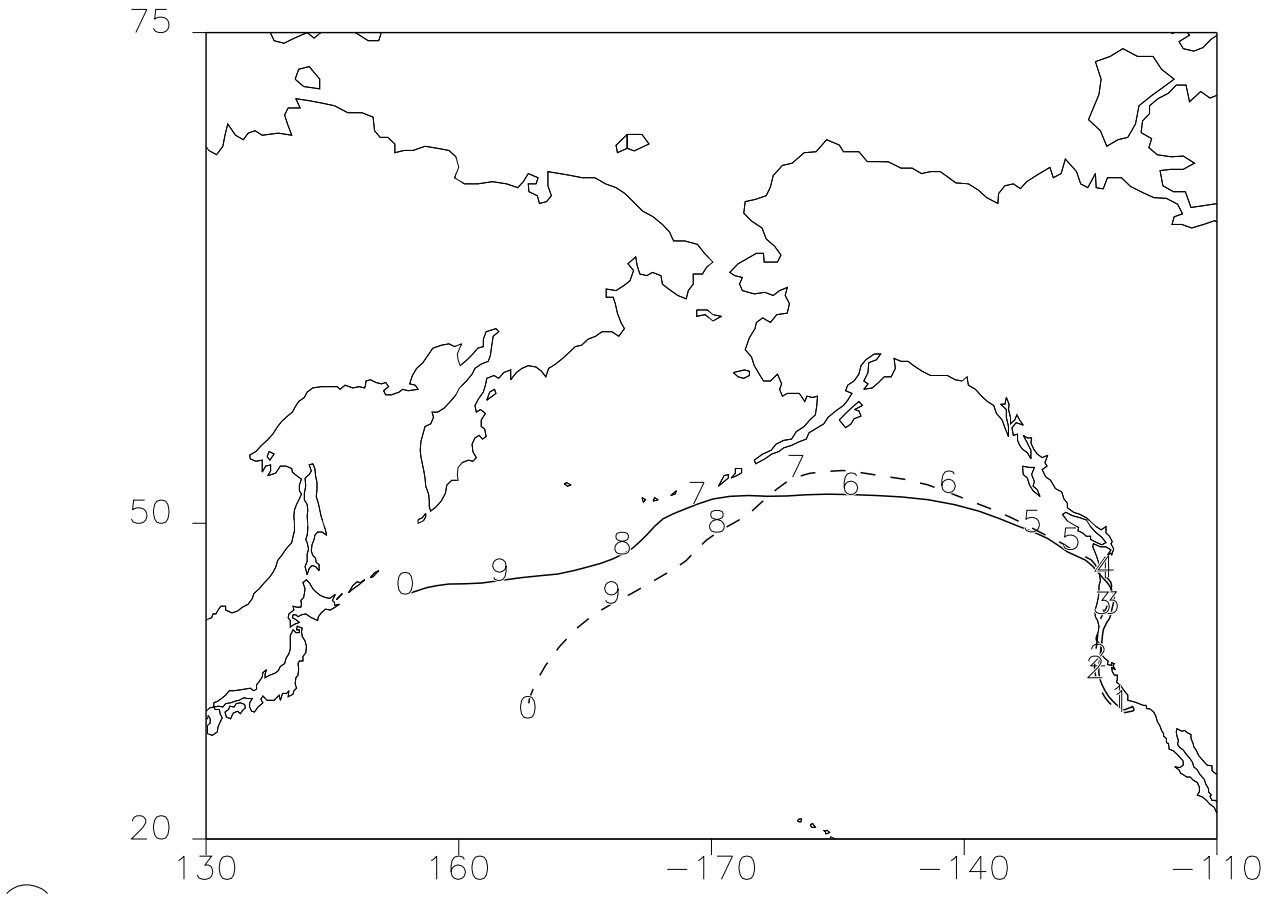
Day	km	hPa	C
0	0.3	975	18
1	0.4	973	17
2	0.8	931	21
3	1.2	883	14
4	1.8	820	0
5	2.3	764	−5
6	3.0	695	−10
7	3.9	613	−18
8	6.1	444	−41
9	6.4	418	−45
10	5.8	450	−42

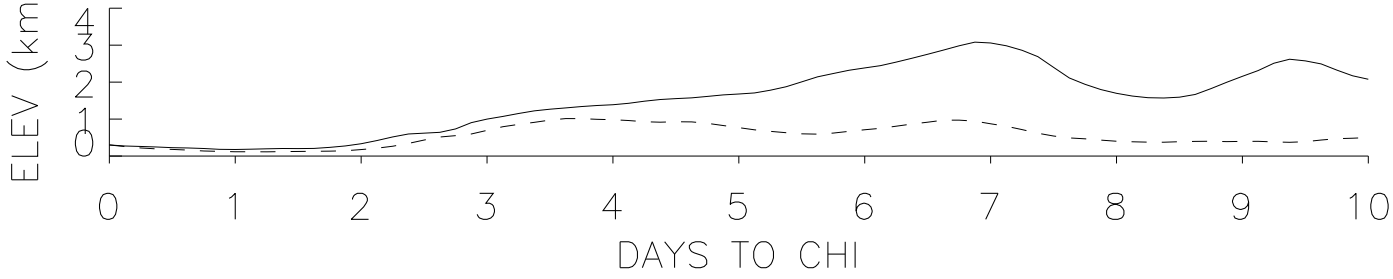
06UT

Day	km	hPa	C
0	0.3	977	13
1	0.3	983	14
2	0.6	948	16
3	1.1	897	9
4	1.5	852	1
5	1.9	804	−4
6	2.8	713	−11
7	3.2	673	−14
8	1.2	872	0
9	1.3	858	−1
10	0.4	955	11

00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/2/2002 (Day of Year 92)
NCEP/NCAR Reanalysis 1 Data Set





12UT

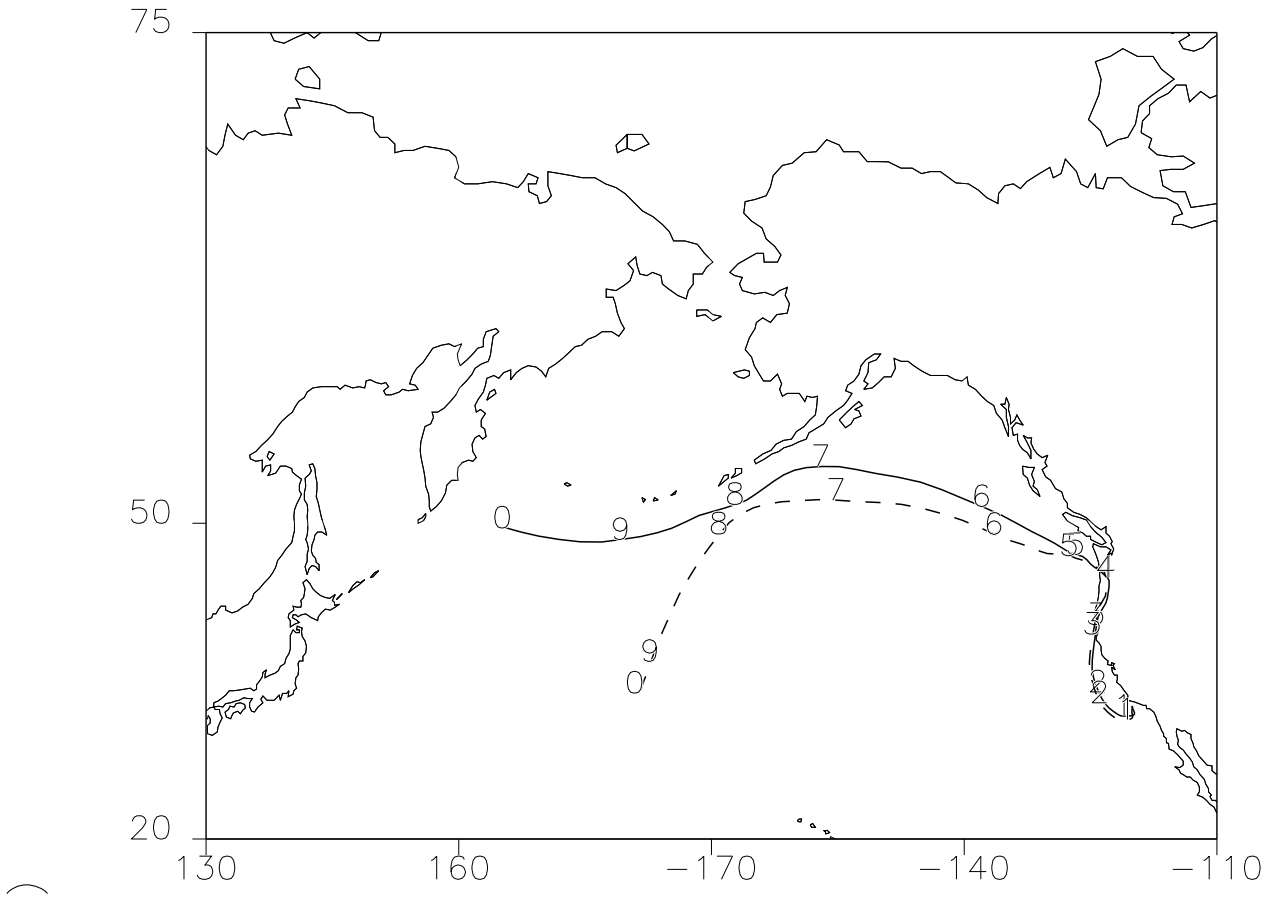
Day	km	hPa	C
0	0.3	977	11
1	0.2	992	11
2	0.3	978	12
3	1.0	907	8
4	1.4	864	1
5	1.7	830	−4
6	2.4	750	−9
7	3.1	682	−16
8	1.7	819	−5
9	2.2	764	−13
10	2.1	769	−9

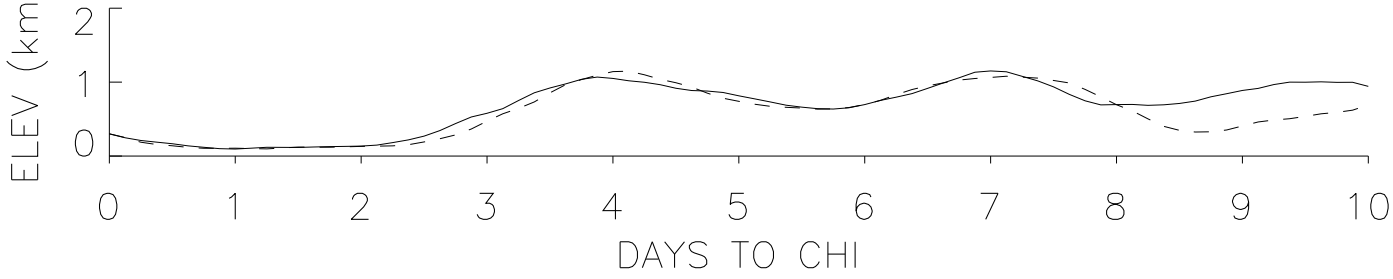
18UT

Day	km	hPa	C
0	0.3	979	14
1	0.1	1000	14
2	0.2	998	14
3	0.7	943	8
4	1.0	911	1
5	0.8	934	1
6	0.7	927	−1
7	0.9	902	−1
8	0.4	966	3
9	0.4	967	7
10	0.5	964	11

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/3/2002 (Day of Year 93)
NCEP/NCAR Reanalysis 1 Data Set





00UT

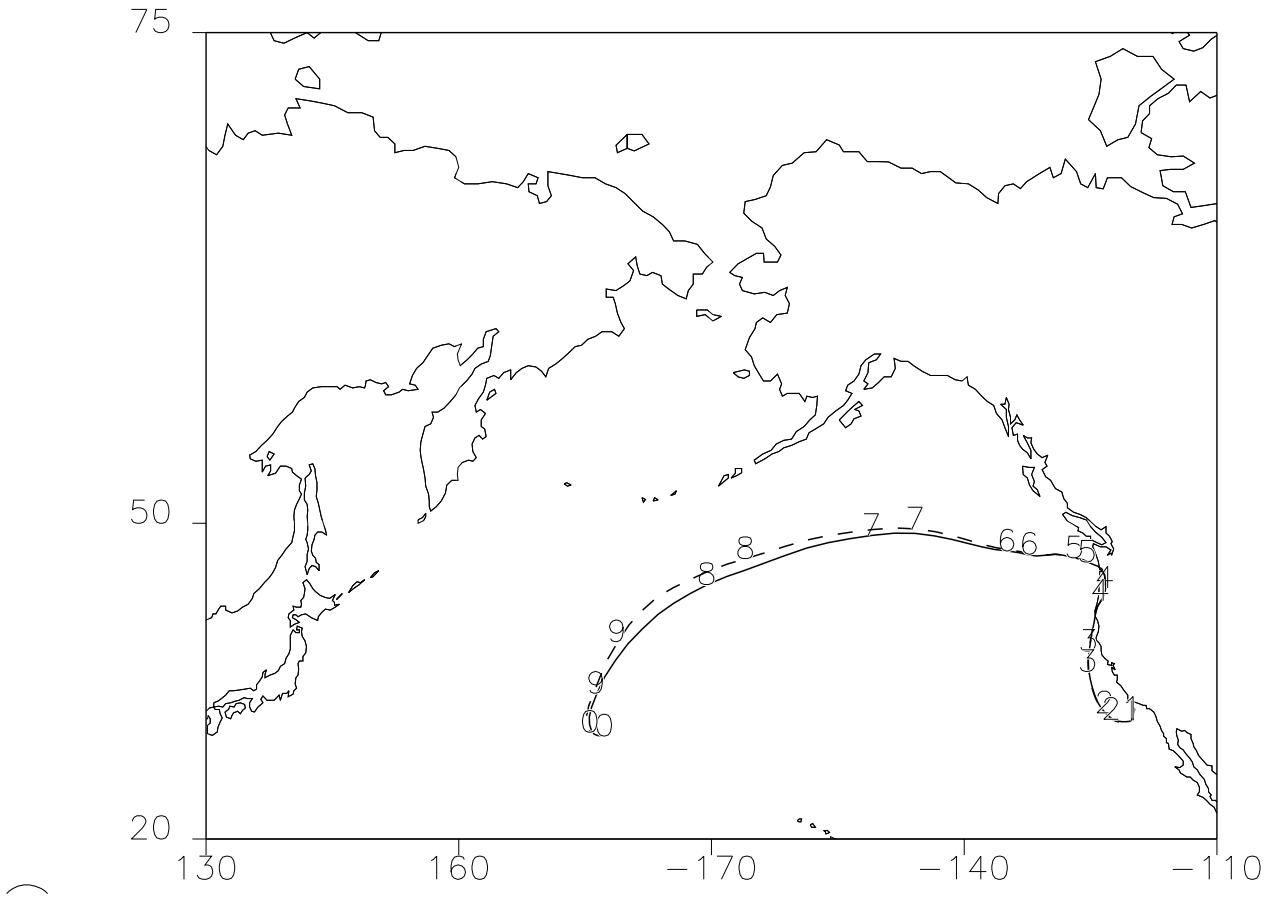
Day	km	hPa	C
0	0.3	977	15
1	0.1	1000	14
2	0.1	1000	13
3	0.6	954	14
4	1.0	903	3
5	0.8	929	2
6	0.7	933	0
7	1.2	870	−3
8	0.7	930	0
9	0.9	903	−4
10	0.9	882	−7

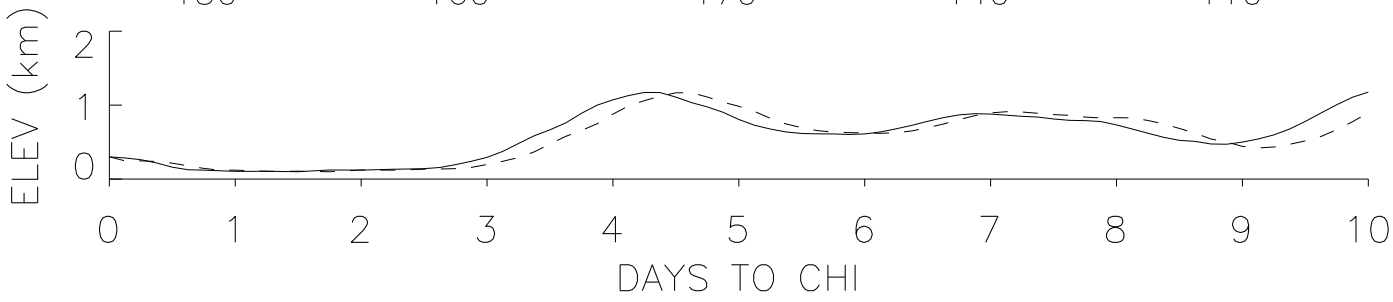
06UT

Day	km	hPa	C
0	0.3	979	12
1	0.1	1000	12
2	0.1	1000	12
3	0.5	965	12
4	1.1	893	3
5	0.7	938	2
6	0.7	939	2
7	1.1	886	−1
8	0.7	927	2
9	0.4	978	10
10	0.7	947	8

00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/3/2002 (Day of Year 93)
NCEP/NCAR Reanalysis 1 Data Set





12UT

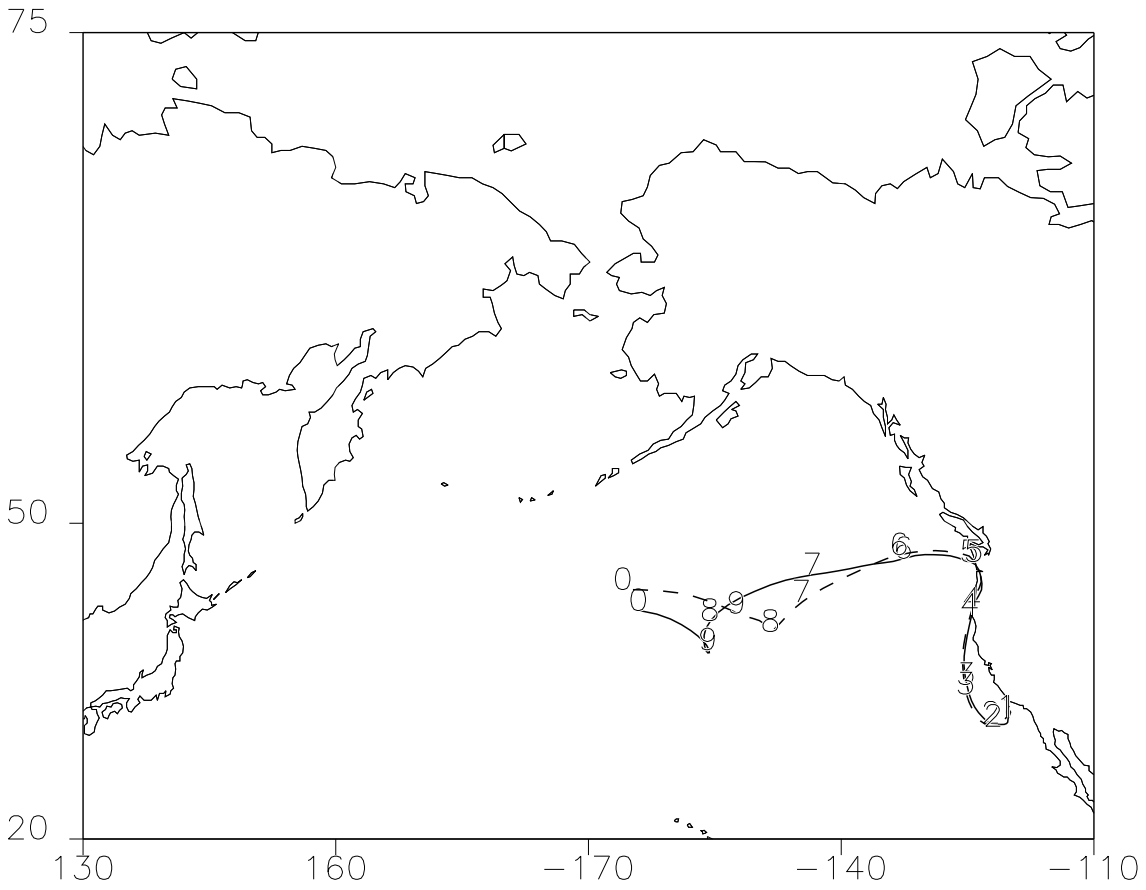
Day	km	hPa	C
0	0.3	979	9
1	0.1	1000	11
2	0.1	1000	10
3	0.3	984	11
4	1.1	900	4
5	0.8	930	2
6	0.6	952	3
7	0.9	915	3
8	0.7	928	5
9	0.5	962	11
10	1.2	893	10

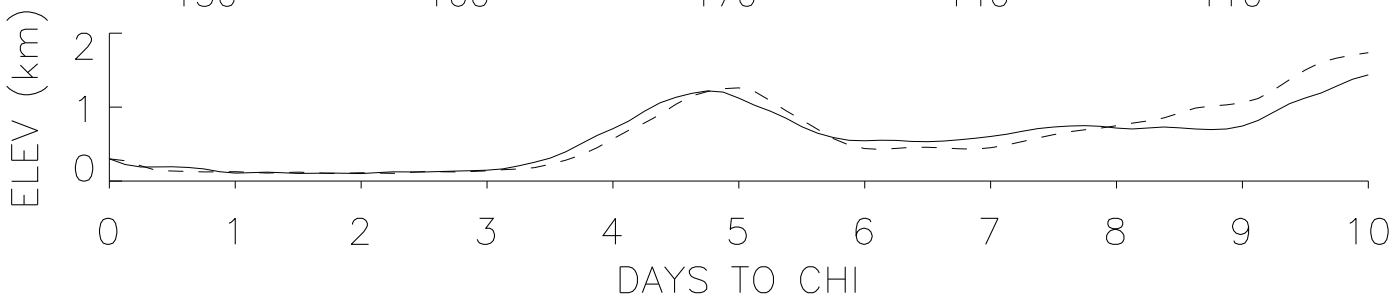
18UT

Day	km	hPa	C
0	0.3	980	13
1	0.1	1000	13
2	0.1	1000	11
3	0.2	996	13
4	0.9	923	5
5	1.0	911	1
6	0.6	952	4
7	0.9	914	2
8	0.8	916	4
9	0.4	960	10
10	0.9	923	7

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/4/2002 (Day of Year 94)
NCEP/NCAR Reanalysis 1 Data Set





00UT

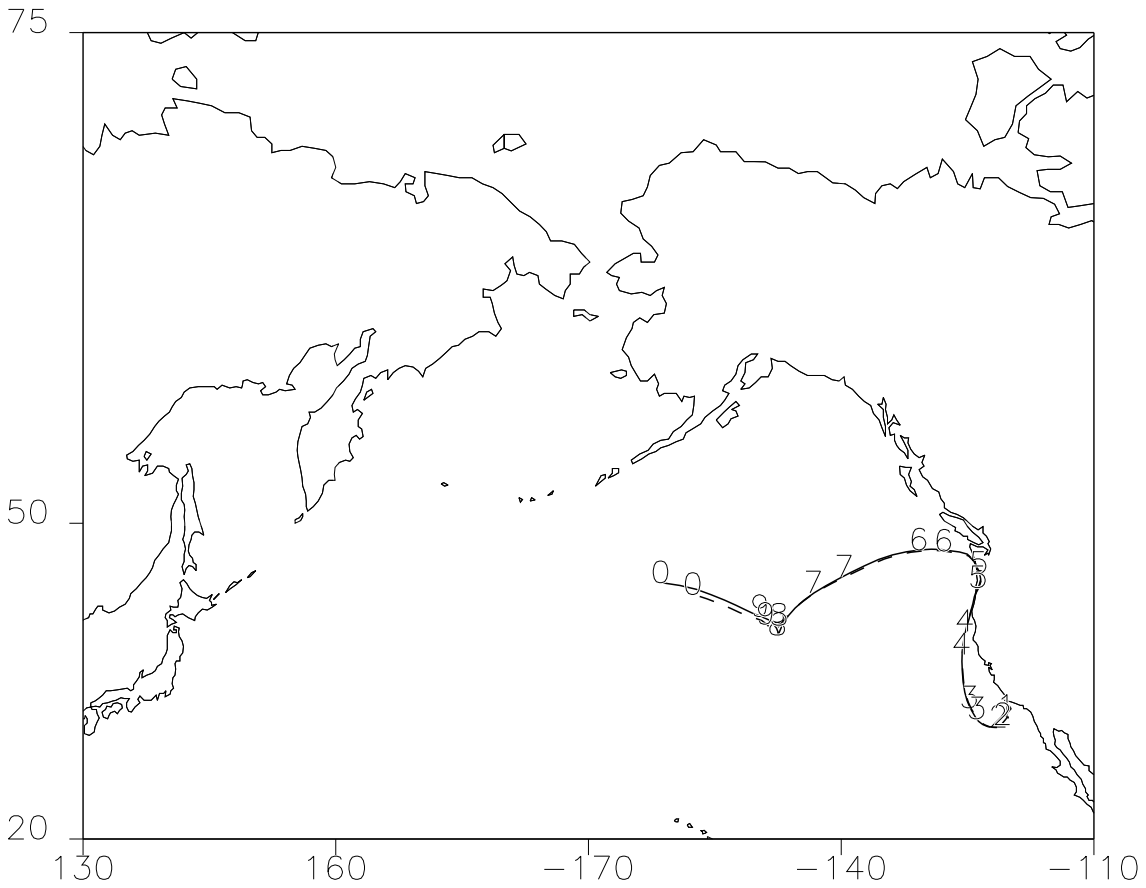
Day	km	hPa	C
0	0.3	979	14
1	0.1	1000	13
2	0.1	1000	10
3	0.1	999	13
4	0.7	941	10
5	1.1	895	1
6	0.5	961	5
7	0.6	956	6
8	0.7	946	5
9	0.7	945	7
10	1.4	863	10

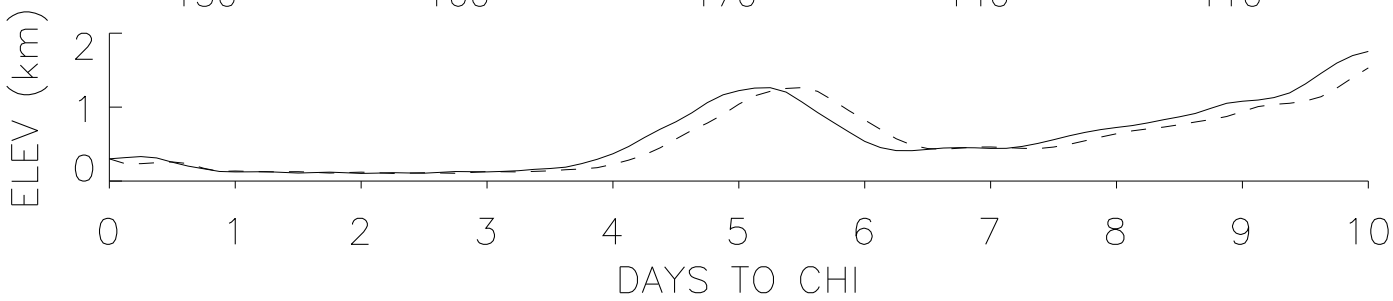
06UT

Day	km	hPa	C
0	0.3	981	12
1	0.1	1000	10
2	0.1	1000	11
3	0.1	1000	11
4	0.6	955	9
5	1.3	880	1
6	0.4	973	5
7	0.5	976	6
8	0.7	944	6
9	1.1	907	8
10	1.7	830	6

00UT – solid
06UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/4/2002 (Day of Year 94)
NCEP/NCAR Reanalysis 1 Data Set





12UT

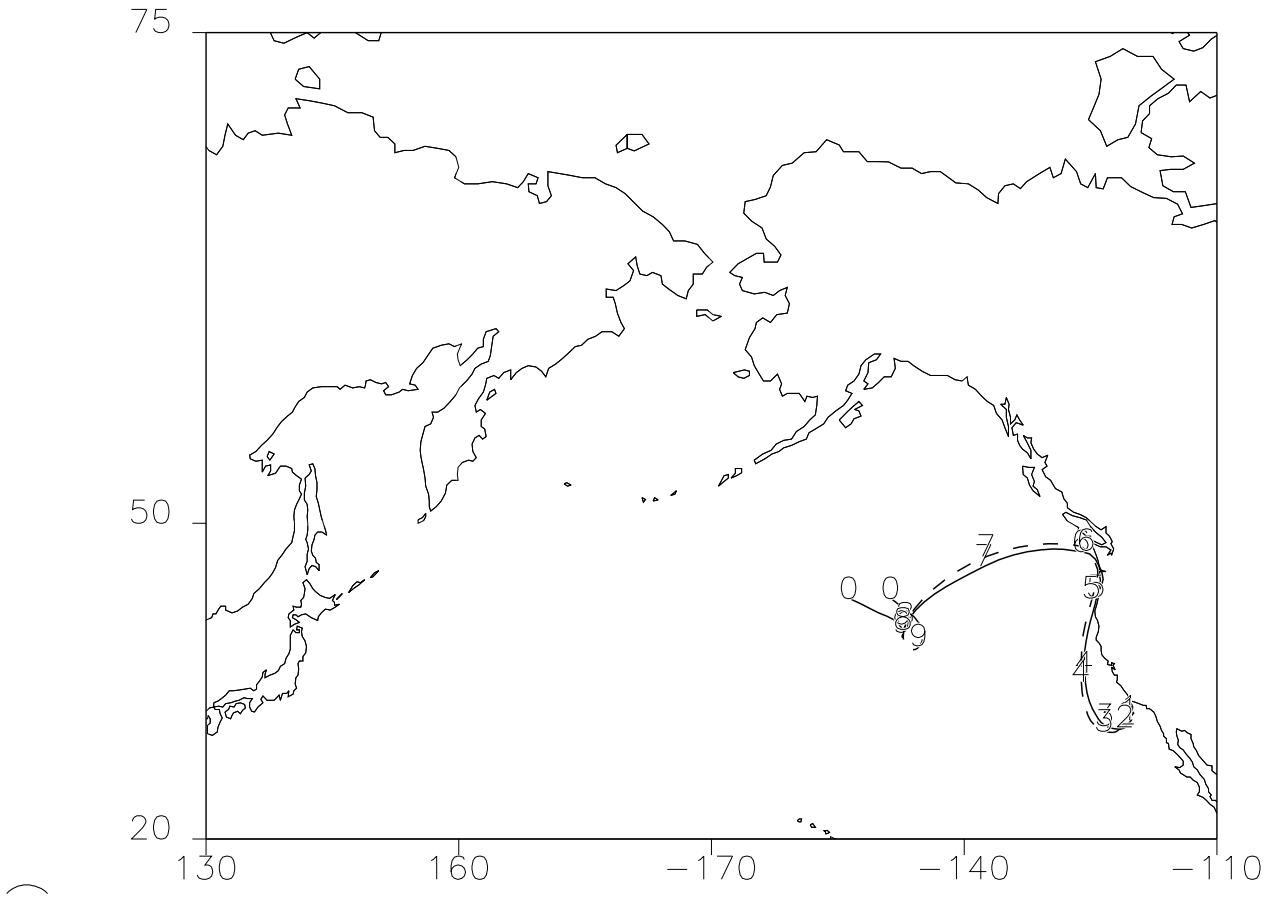
Day	km	hPa	C
0	0.3	980	11
1	0.1	1000	9
2	0.1	1000	11
3	0.1	1000	11
4	0.4	977	9
5	1.2	884	3
6	0.5	961	4
7	0.4	976	6
8	0.7	946	6
9	1.1	905	6
10	1.8	829	5

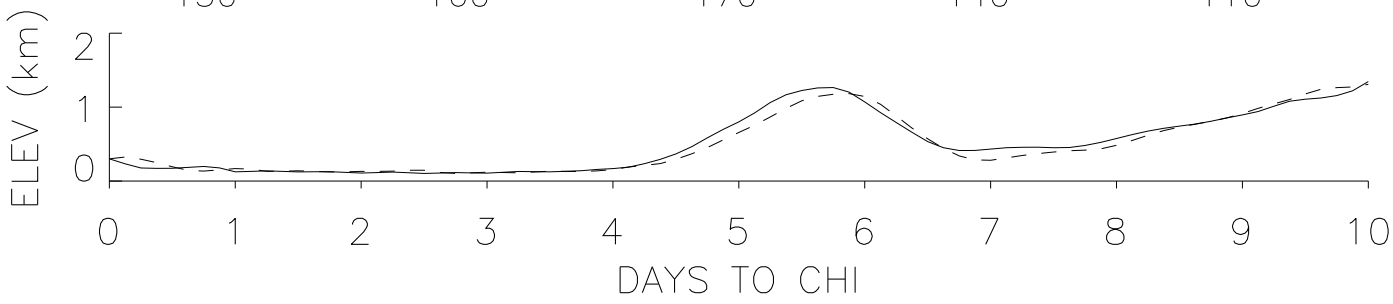
18UT

Day	km	hPa	C
0	0.3	982	14
1	0.1	1000	12
2	0.1	1000	12
3	0.1	1000	11
4	0.2	993	12
5	1.0	906	3
6	0.8	928	2
7	0.5	973	6
8	0.6	955	7
9	0.9	921	5
10	1.5	853	8

12UT – solid
18UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/5/2002 (Day of Year 95)
NCEP/NCAR Reanalysis 1 Data Set





00UT

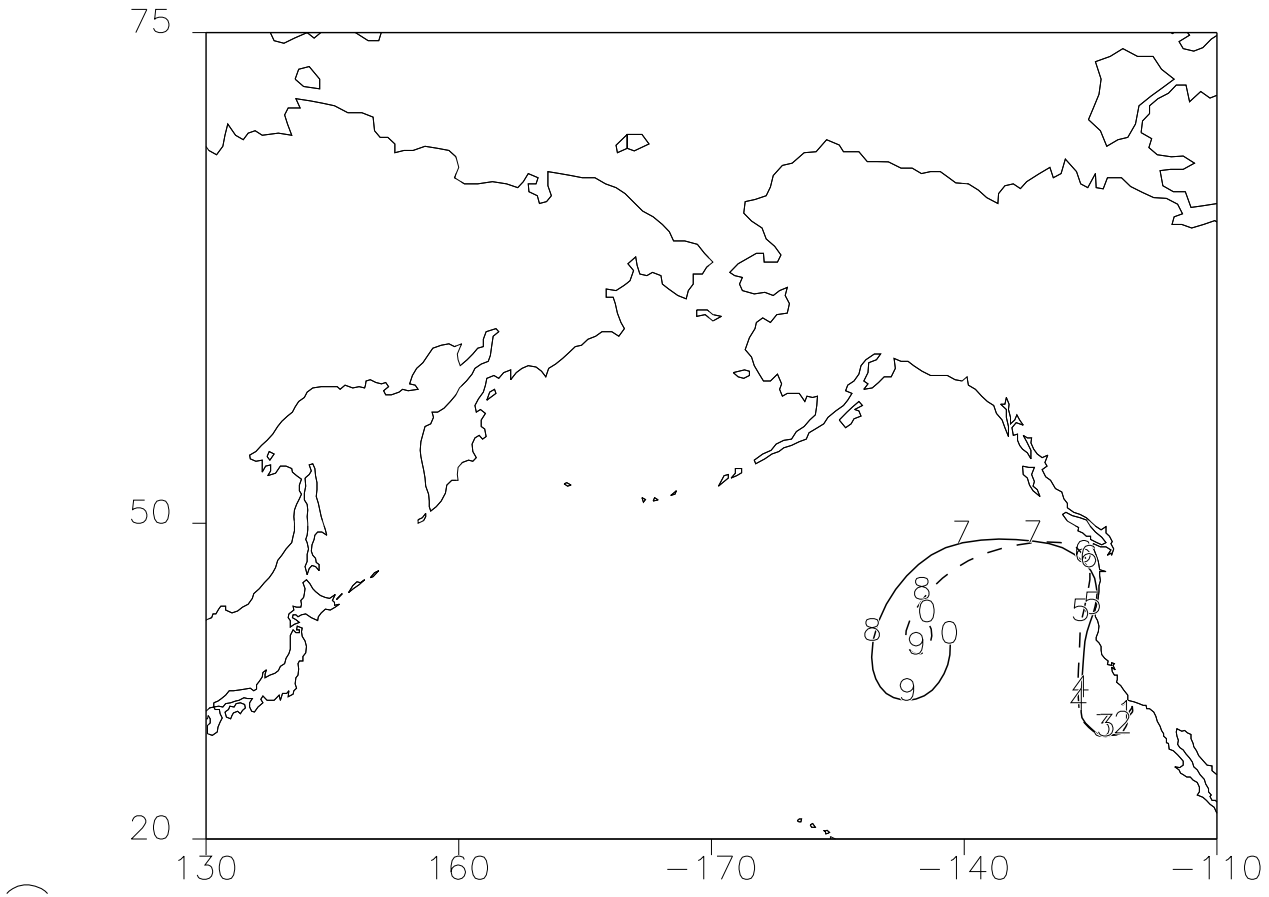
Day	km	hPa	C
0	0.3	981	15
1	0.1	1000	12
2	0.1	1000	11
3	0.1	1000	10
4	0.2	997	14
5	0.8	931	7
6	1.1	901	1
7	0.4	974	7
8	0.6	962	6
9	0.9	927	5
10	1.3	874	9

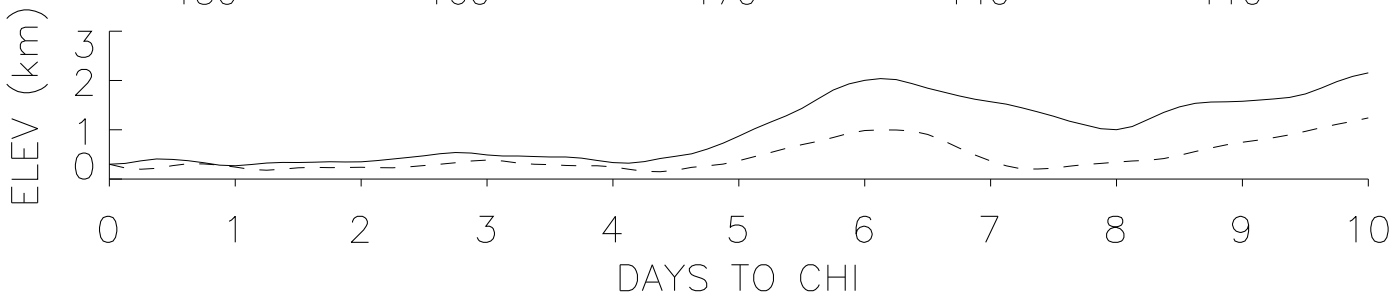
06UT

Day	km	hPa	C
0	0.3	983	12
1	0.2	997	10
2	0.1	1000	9
3	0.1	1000	11
4	0.2	999	11
5	0.7	946	6
6	1.1	893	1
7	0.3	991	7
8	0.5	973	7
9	0.9	924	5
10	1.3	878	9

00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/5/2002 (Day of Year 95)
NCEP/NCAR Reanalysis 1 Data Set





12UT

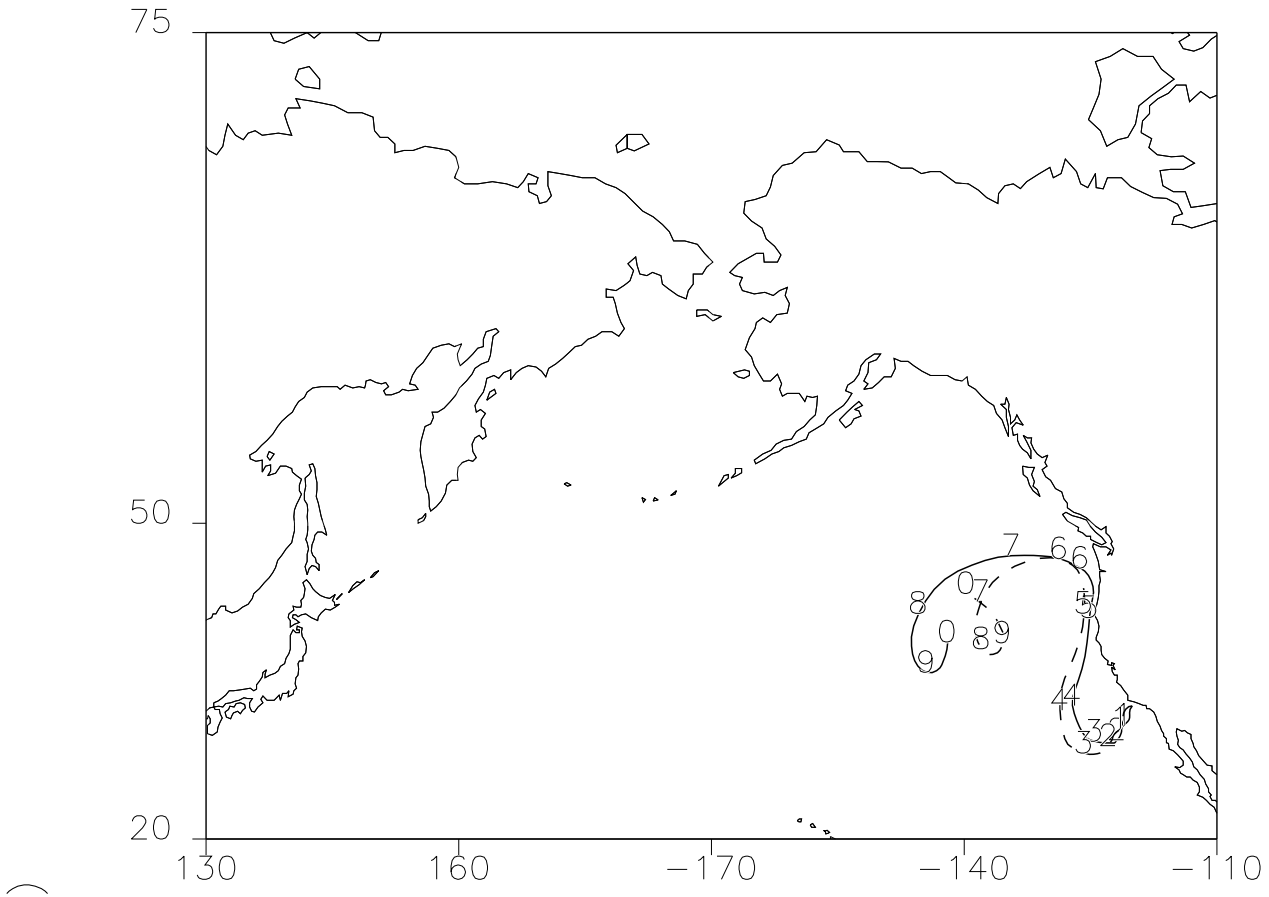
Day	km	hPa	C
0	0.3	982	11
1	0.3	984	10
2	0.3	973	8
3	0.5	955	9
4	0.3	976	13
5	0.9	920	5
6	2.0	803	0
7	1.6	844	3
8	1.0	909	7
9	1.6	852	11
10	2.2	791	7

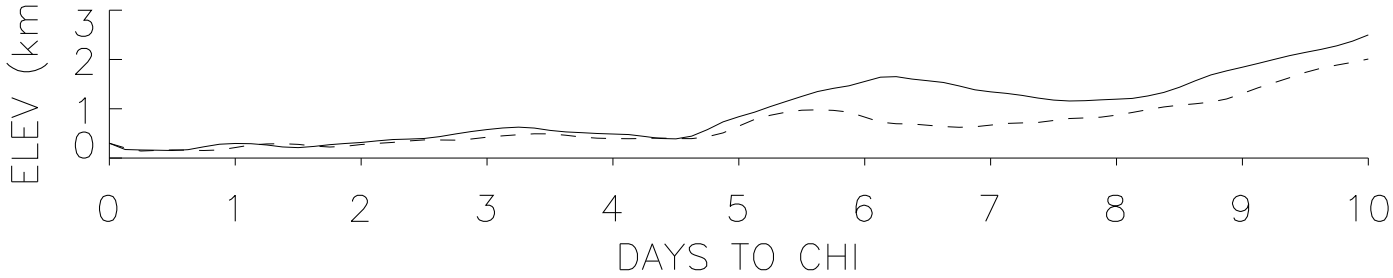
18UT

Day	km	hPa	C
0	0.3	984	14
1	0.2	990	11
2	0.2	988	10
3	0.4	969	9
4	0.2	987	11
5	0.4	979	9
6	1.0	913	2
7	0.4	981	5
8	0.3	987	7
9	0.7	943	7
10	1.2	886	6

12UT – solid
18UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/6/2002 (Day of Year 96)
NCEP/NCAR Reanalysis 1 Data Set





00UT

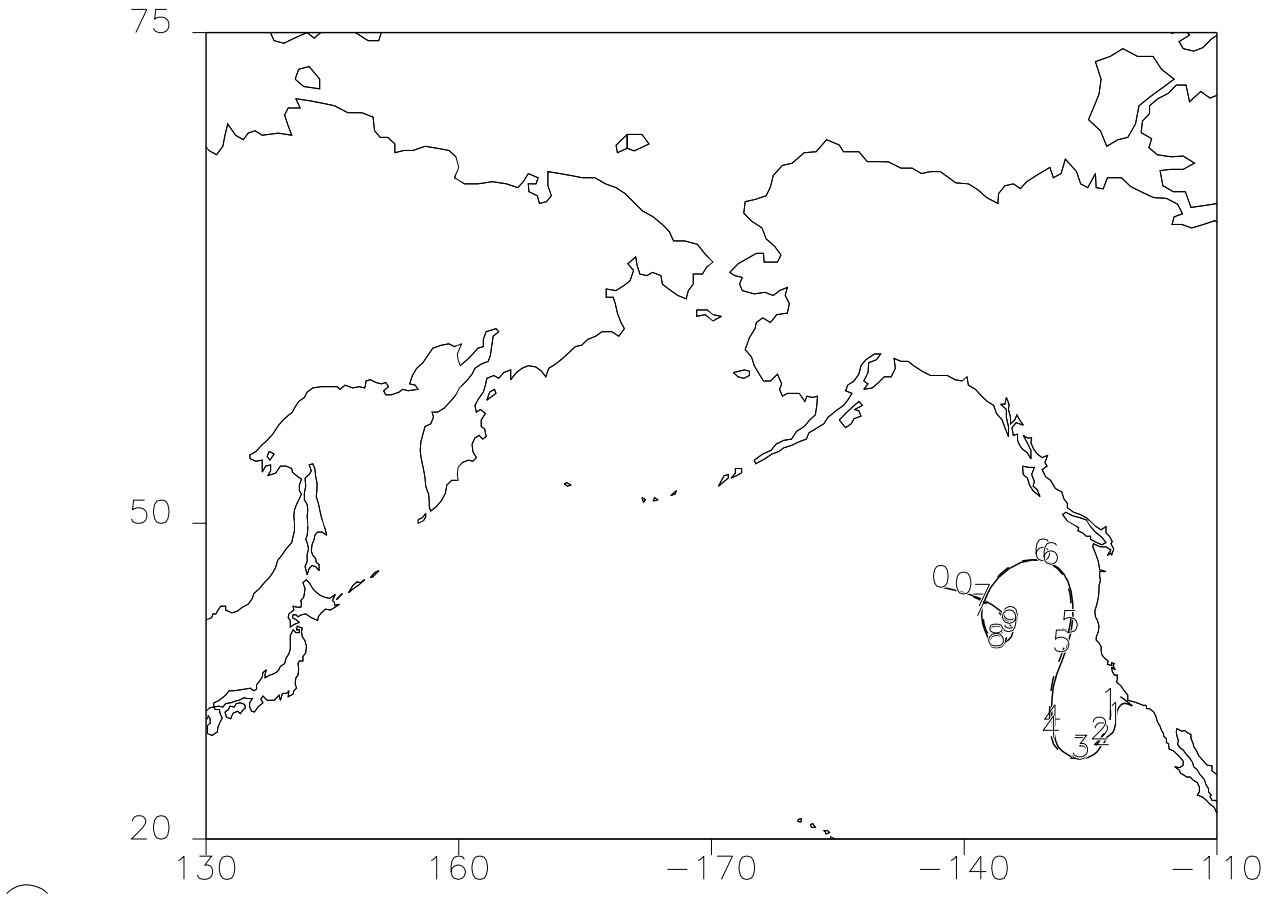
Day	km	hPa	C
0	0.3	981	14
1	0.3	983	11
2	0.3	978	8
3	0.6	946	8
4	0.5	957	11
5	0.8	923	10
6	1.6	850	2
7	1.3	873	3
8	1.2	889	6
9	1.8	825	9
10	2.5	761	4

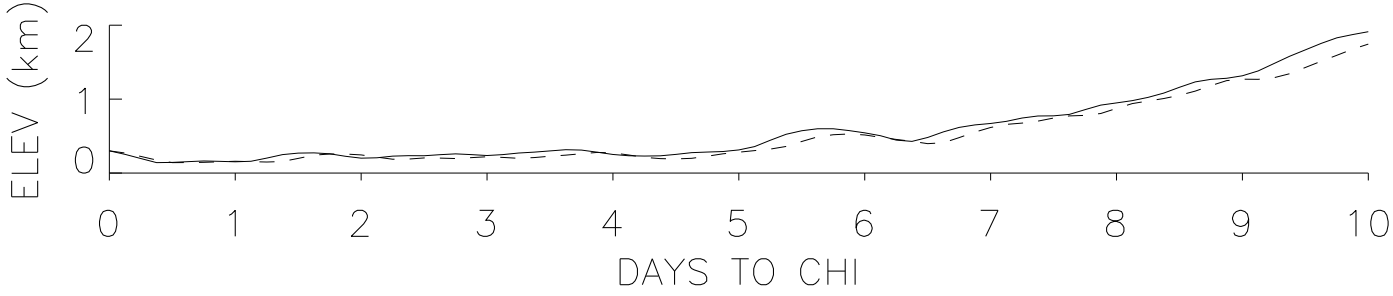
06UT

Day	km	hPa	C
0	0.3	981	12
1	0.2	993	12
2	0.3	985	11
3	0.4	966	10
4	0.4	969	11
5	0.6	946	6
6	0.8	928	1
7	0.7	950	5
8	0.9	928	4
9	1.3	881	4
10	2.0	805	3

00UT – solid
06UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/6/2002 (Day of Year 96)
NCEP/NCAR Reanalysis 1 Data Set





12UT

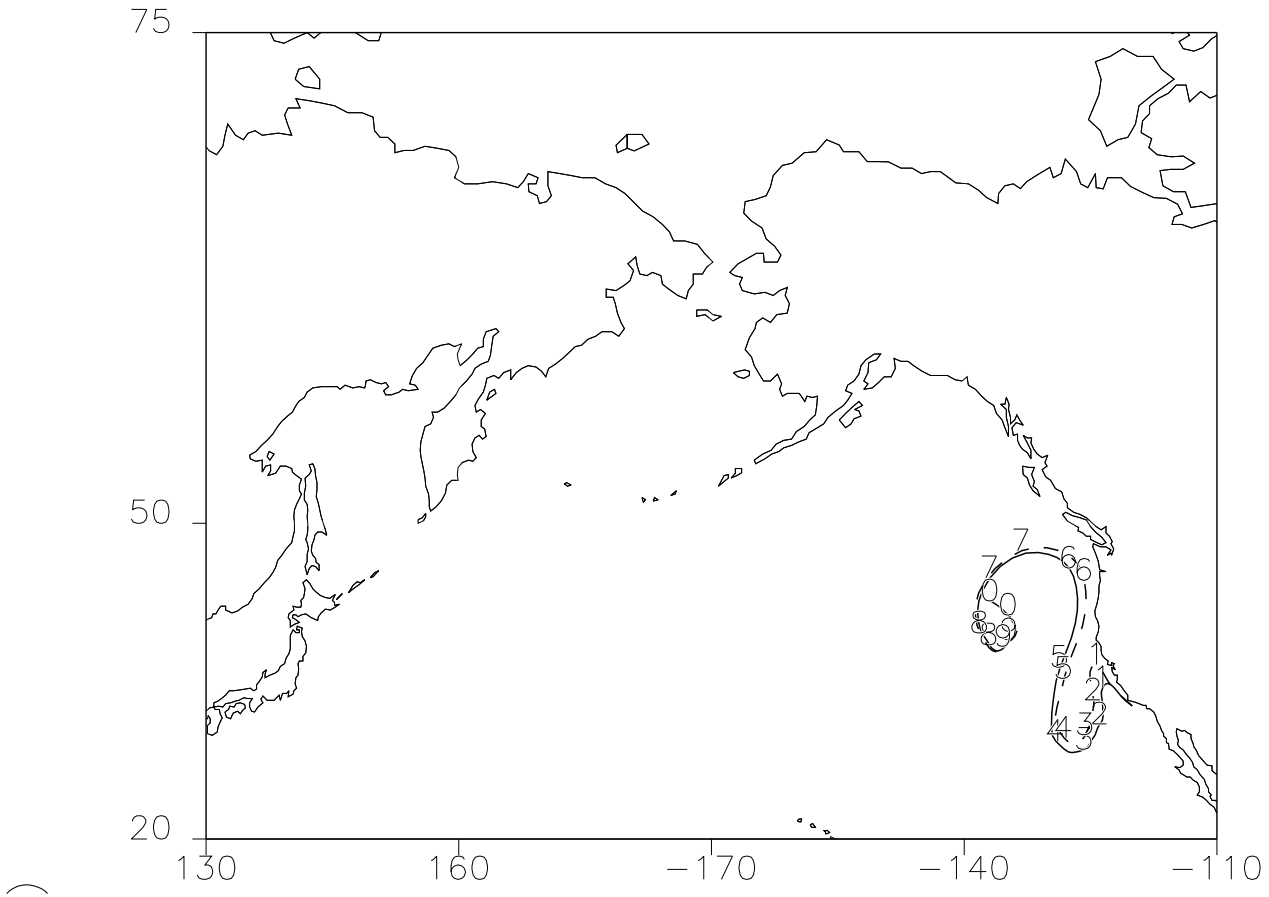
Day	km	hPa	C
0	0.3	978	12
1	0.2	1000	12
2	0.2	992	12
3	0.2	986	12
4	0.3	986	11
5	0.3	985	7
6	0.5	960	3
7	0.7	949	4
8	0.9	919	3
9	1.3	879	3
10	1.9	815	2

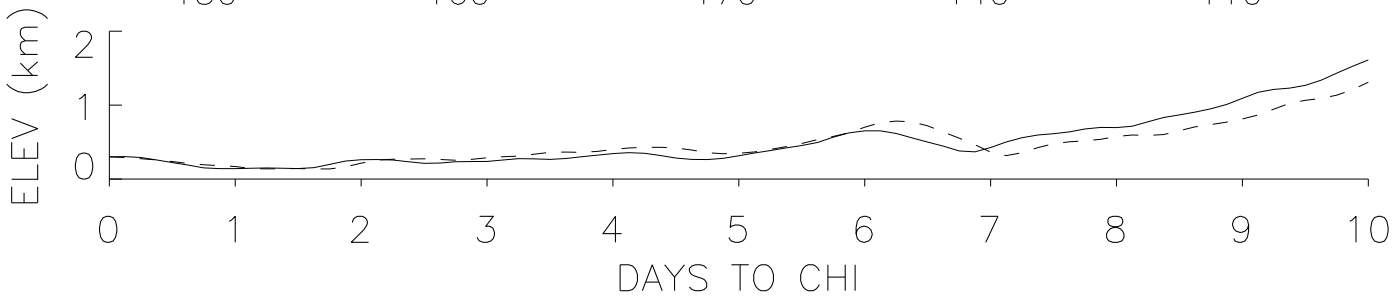
18UT

Day	km	hPa	C
0	0.3	979	14
1	0.2	1000	13
2	0.2	990	11
3	0.2	990	12
4	0.3	986	11
5	0.3	987	9
6	0.5	965	4
7	0.6	957	5
8	0.9	928	3
9	1.3	885	5
10	1.7	833	3

12UT – solid
18UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/7/2002 (Day of Year 97)
NCEP/NCAR Reanalysis 1 Data Set





00UT

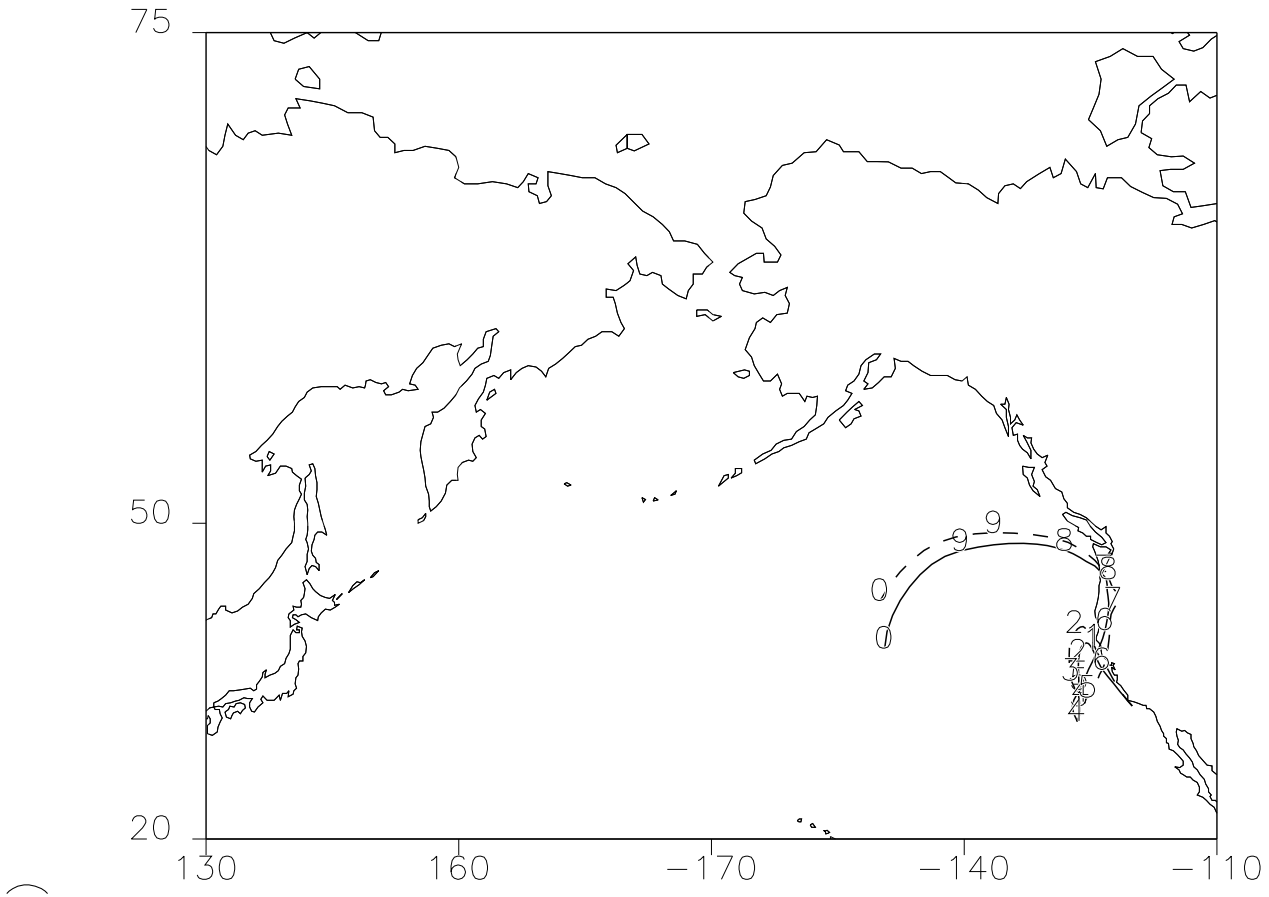
Day	km	hPa	C
0	0.3	976	13
1	0.1	1000	13
2	0.3	987	9
3	0.2	986	11
4	0.3	975	11
5	0.3	980	11
6	0.7	948	4
7	0.4	976	7
8	0.7	948	5
9	1.1	904	5
10	1.6	846	3

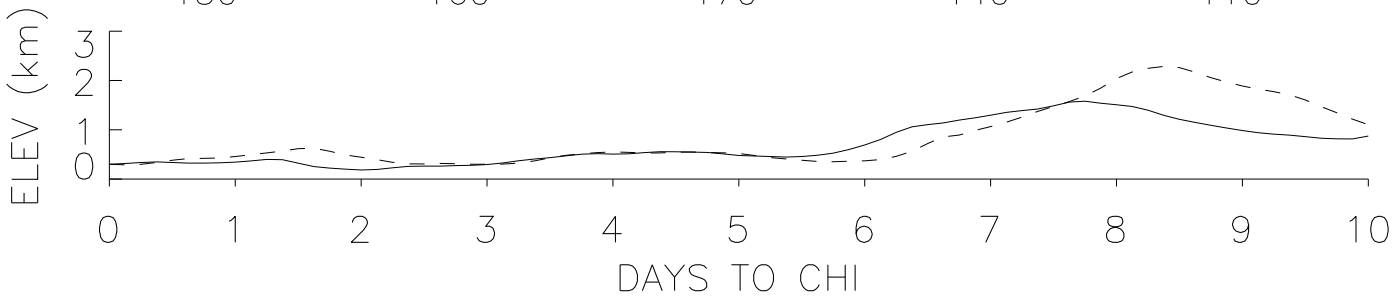
06UT

Day	km	hPa	C
0	0.3	978	13
1	0.2	997	11
2	0.2	991	10
3	0.3	982	10
4	0.4	968	10
5	0.3	975	12
6	0.7	941	3
7	0.4	982	6
8	0.6	962	5
9	0.8	935	4
10	1.3	880	3

00UT – solid
06UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/7/2002 (Day of Year 97)
NCEP/NCAR Reanalysis 1 Data Set





12UT

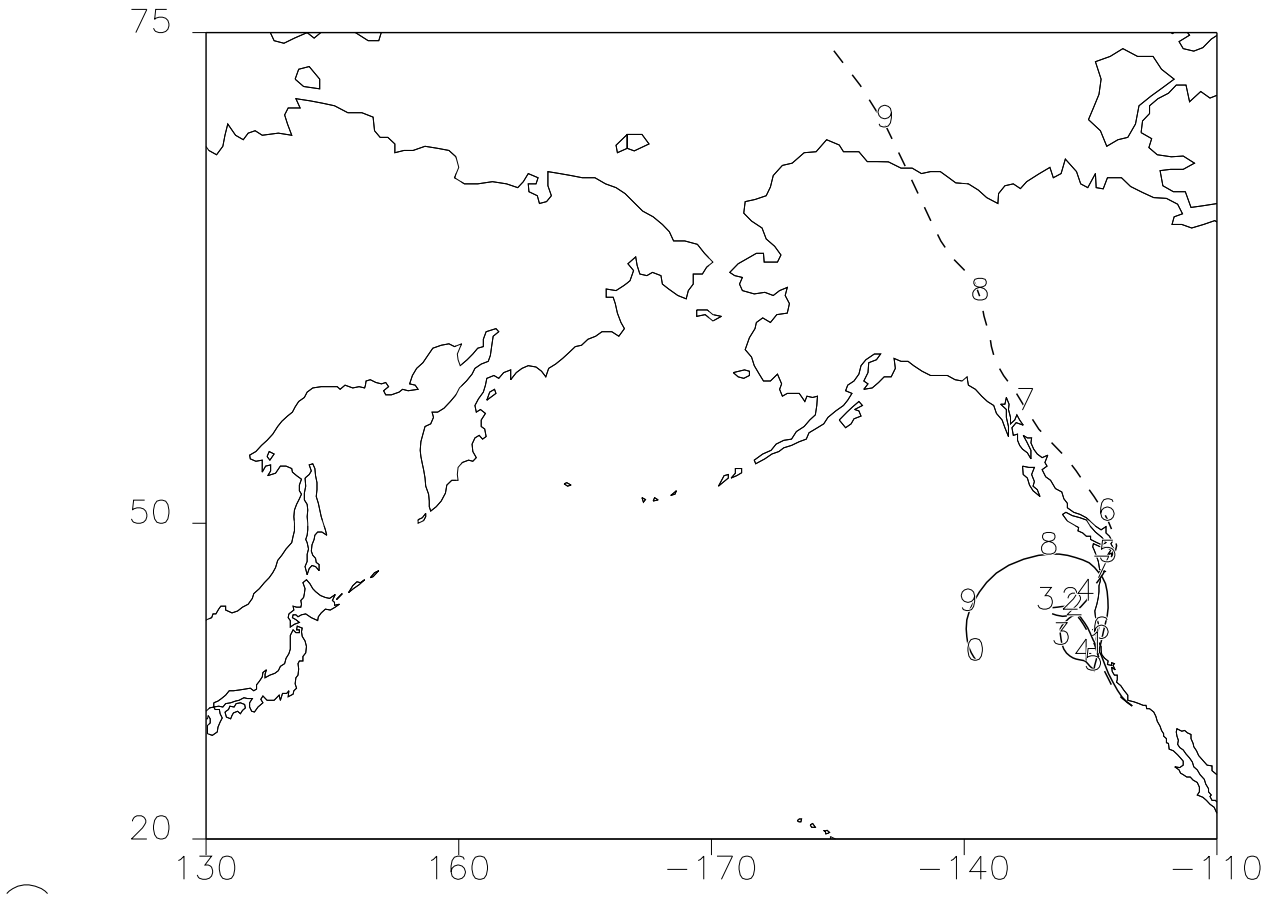
Day	km	hPa	C
0	0.3	977	11
1	0.3	977	9
2	0.2	992	10
3	0.3	980	8
4	0.5	954	7
5	0.5	957	12
6	0.7	938	8
7	1.3	874	2
8	1.5	854	0
9	1.0	908	4
10	0.9	925	6

18UT

Day	km	hPa	C
0	0.3	979	14
1	0.5	964	10
2	0.4	963	8
3	0.3	980	8
4	0.6	950	8
5	0.5	954	11
6	0.4	971	15
7	1.1	900	8
8	2.0	800	2
9	1.9	812	1
10	1.1	894	7

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/8/2002 (Day of Year 98)
NCEP/NCAR Reanalysis 1 Data Set

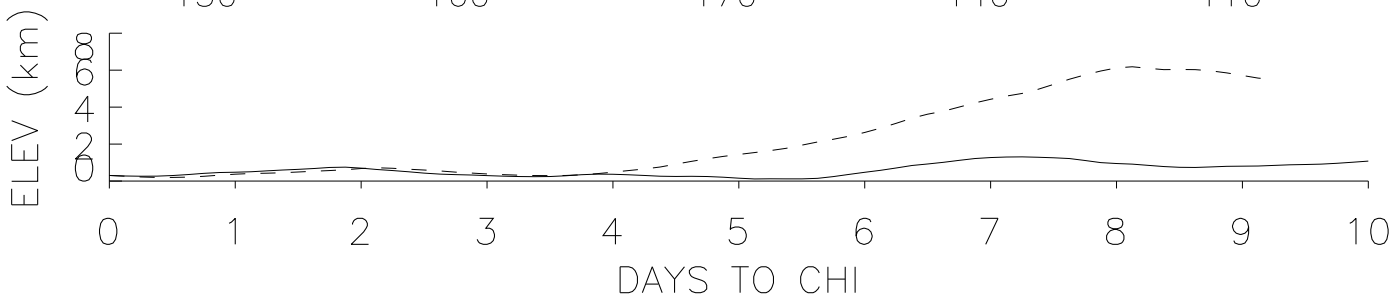


00UT

Day	km	hPa	C
0	0.3	978	15
1	0.5	961	12
2	0.7	934	7
3	0.3	978	10
4	0.4	971	14
5	0.2	995	14
6	0.5	961	18
7	1.3	877	5
8	0.9	916	2
9	0.8	934	4
10	1.1	905	6

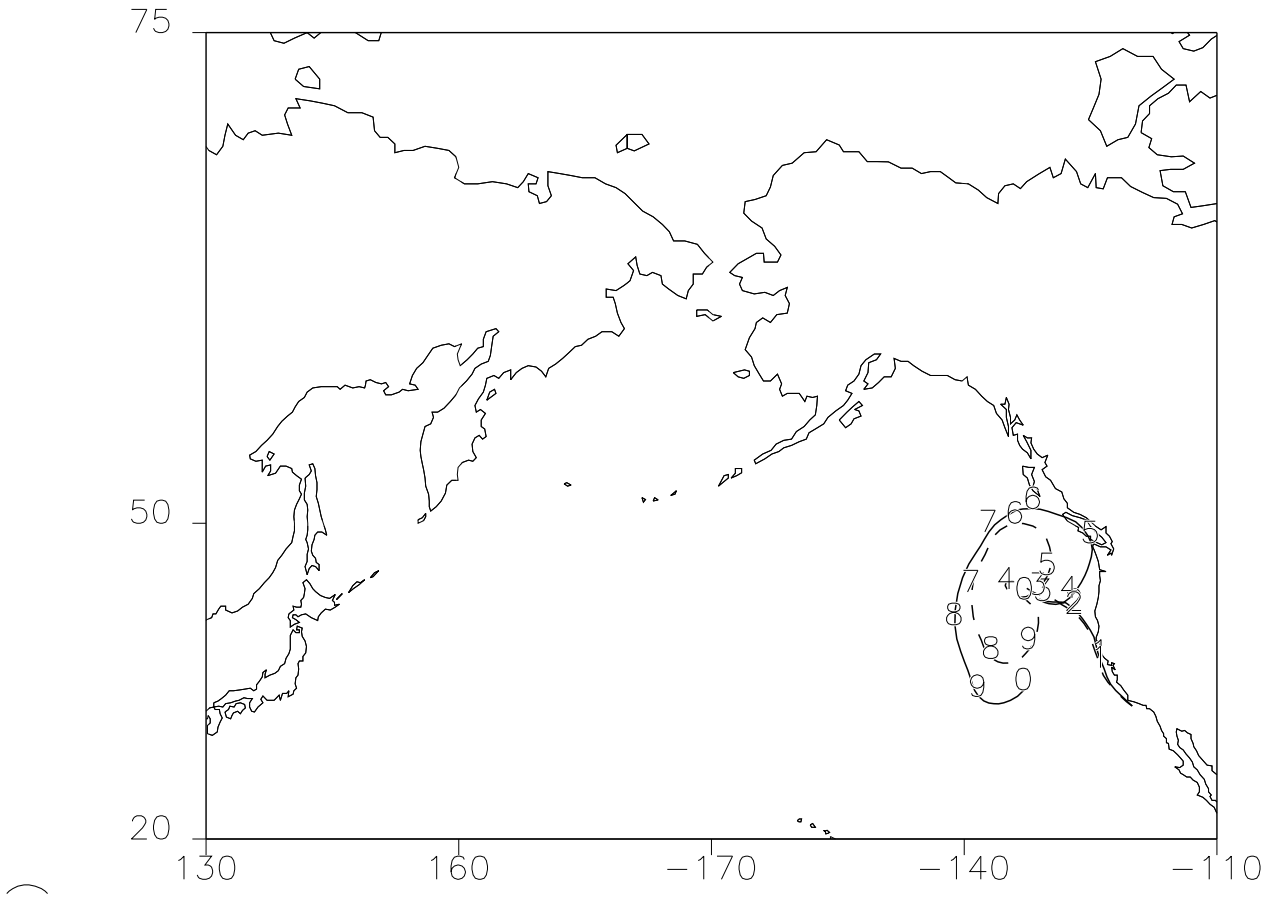
06UT

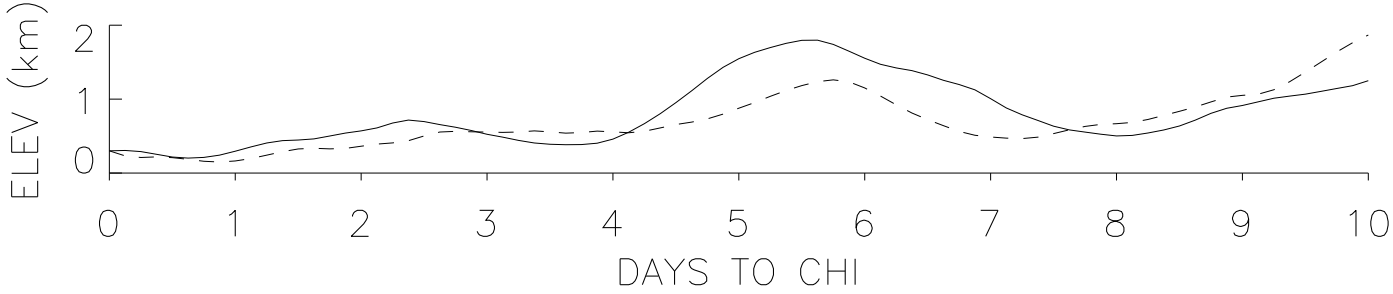
Day	km	hPa	C
0	0.3	979	13
1	0.4	974	11
2	0.7	938	7
3	0.4	967	9
4	0.5	961	12
5	1.4	857	5
6	2.6	738	−9
7	4.4	573	−26
8	6.1	438	−44
9	5.7	464	−42



00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/8/2002 (Day of Year 98)
NCEP/NCAR Reanalysis 1 Data Set





12UT

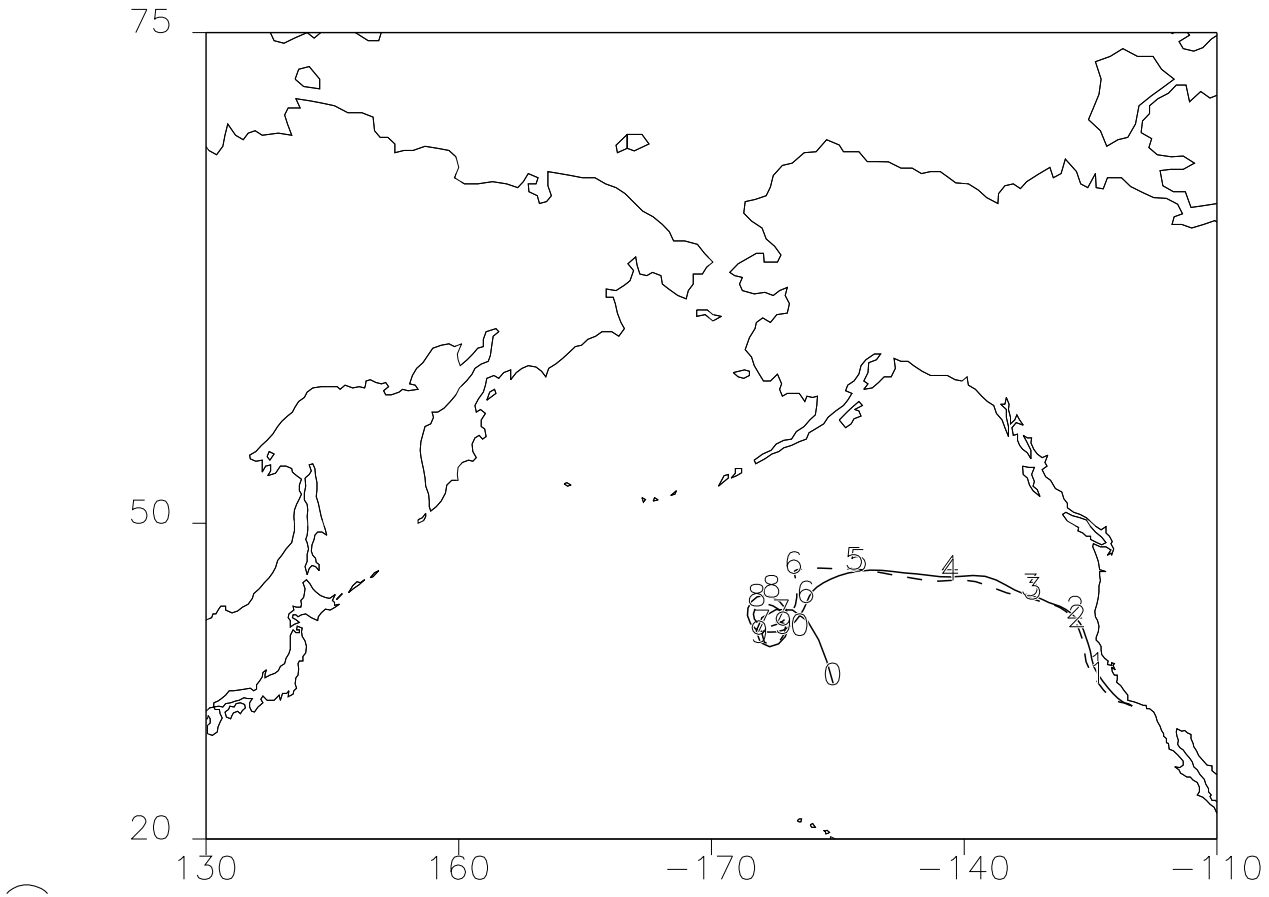
Day	km	hPa	C
0	0.3	978	12
1	0.3	982	10
2	0.6	951	7
3	0.5	950	6
4	0.5	963	11
5	1.5	846	3
6	1.6	848	−1
7	1.0	907	5
8	0.5	962	9
9	0.9	920	7
10	1.2	883	7

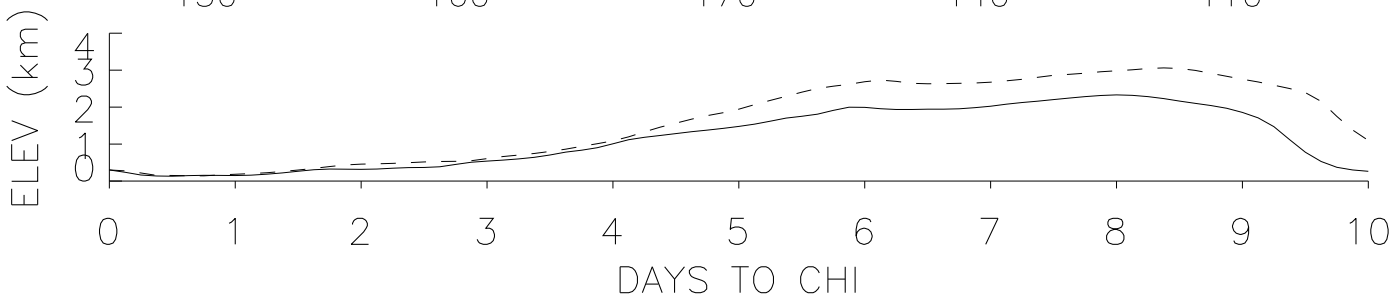
18UT

Day	km	hPa	C
0	0.3	981	14
1	0.2	998	13
2	0.4	977	8
3	0.6	949	6
4	0.6	952	8
5	0.9	921	8
6	1.2	891	5
7	0.5	967	9
8	0.7	948	6
9	1.1	906	6
10	1.9	821	5

12UT – solid
18UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/9/2002 (Day of Year 99)
NCEP/NCAR Reanalysis 1 Data Set





00UT

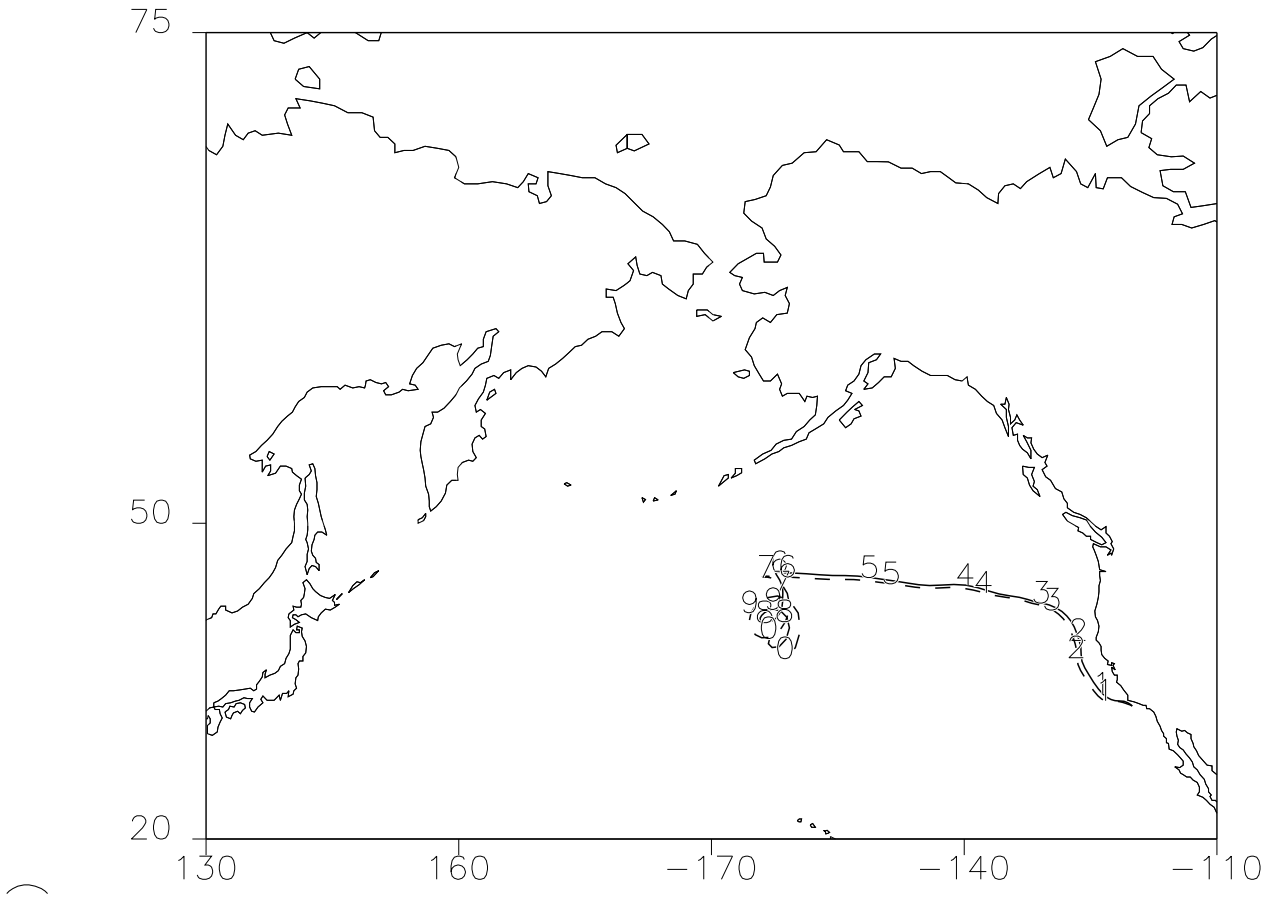
Day	km	hPa	C
0	0.3	981	14
1	0.1	999	13
2	0.3	982	9
3	0.5	952	7
4	1.0	898	4
5	1.5	846	0
6	2.0	790	−2
7	2.0	779	−2
8	2.3	745	−4
9	1.9	784	−1
10	0.3	969	15

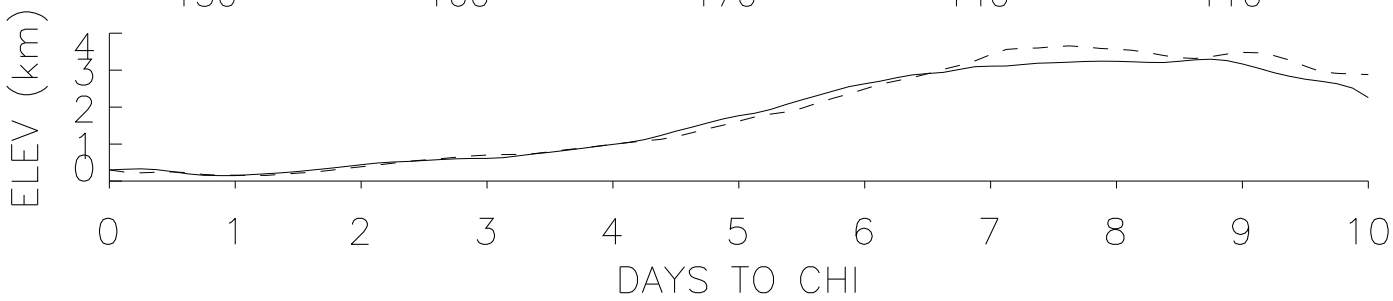
06UT

Day	km	hPa	C
0	0.3	984	12
1	0.2	996	11
2	0.5	966	9
3	0.6	946	7
4	1.1	889	4
5	1.9	798	−2
6	2.7	724	−6
7	2.7	720	−6
8	3.0	687	−8
9	2.8	702	−4
10	1.1	867	9

00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/9/2002 (Day of Year 99)
NCEP/NCAR Reanalysis 1 Data Set





12UT

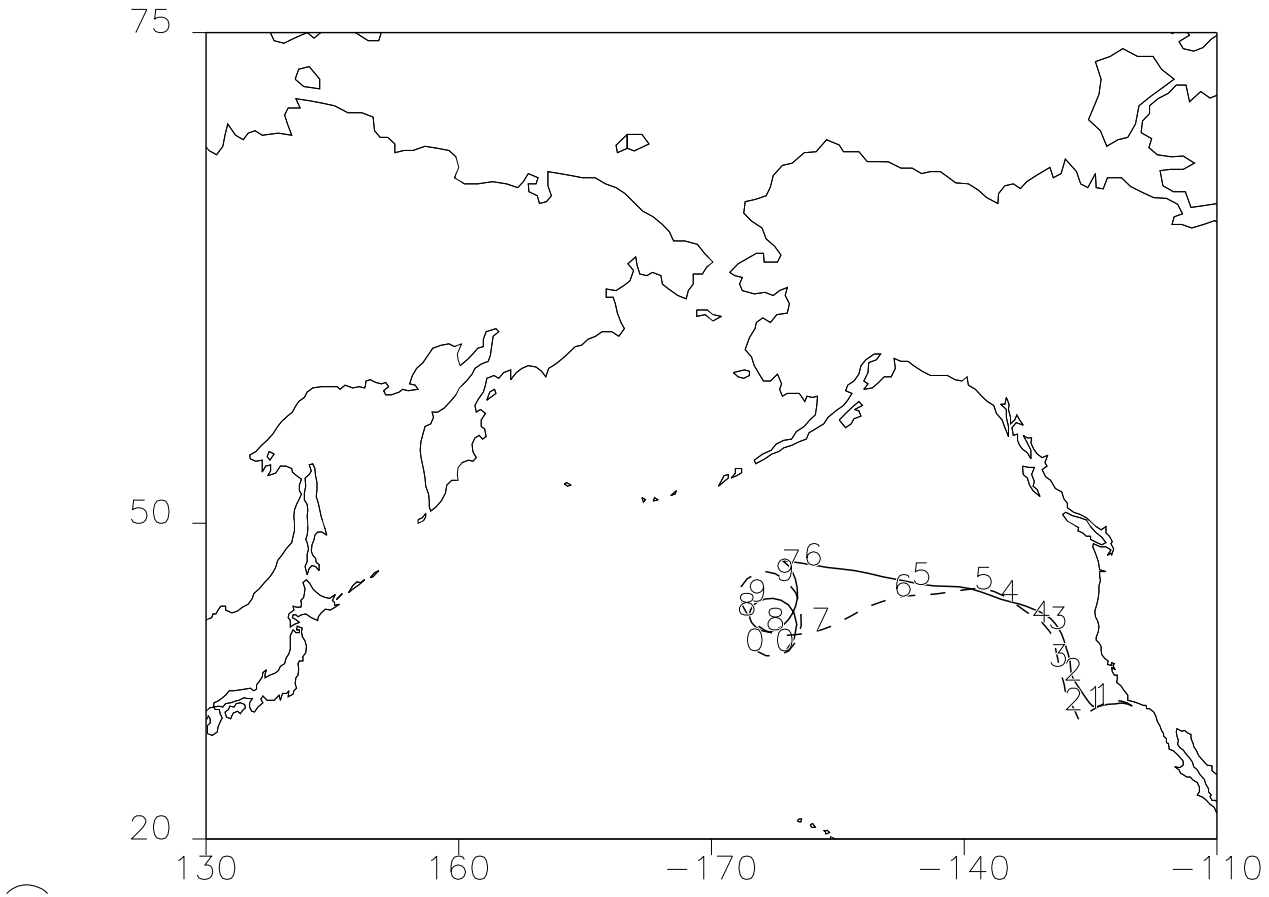
Day	km	hPa	C
0	0.3	984	13
1	0.1	999	11
2	0.4	967	9
3	0.6	946	6
4	1.0	899	4
5	1.8	819	0
6	2.6	729	−6
7	3.1	682	−9
8	3.2	665	−9
9	3.2	667	−8
10	2.3	746	−1

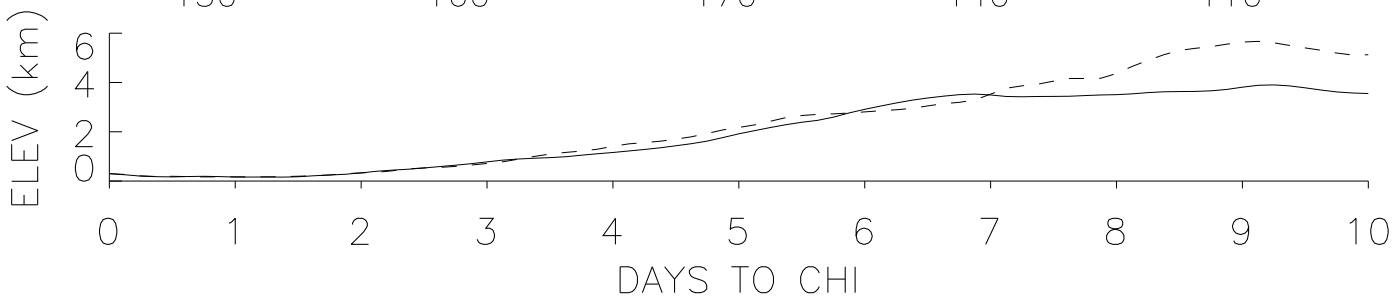
18UT

Day	km	hPa	C
0	0.3	987	15
1	0.2	1000	11
2	0.4	974	9
3	0.7	937	5
4	1.0	901	4
5	1.6	834	1
6	2.5	744	−4
7	3.4	656	−11
8	3.6	639	−11
9	3.5	642	−10
10	2.9	692	−4

12UT – solid
18UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/10/2002 (Day of Year 100)
NCEP/NCAR Reanalysis 1 Data Set





00UT

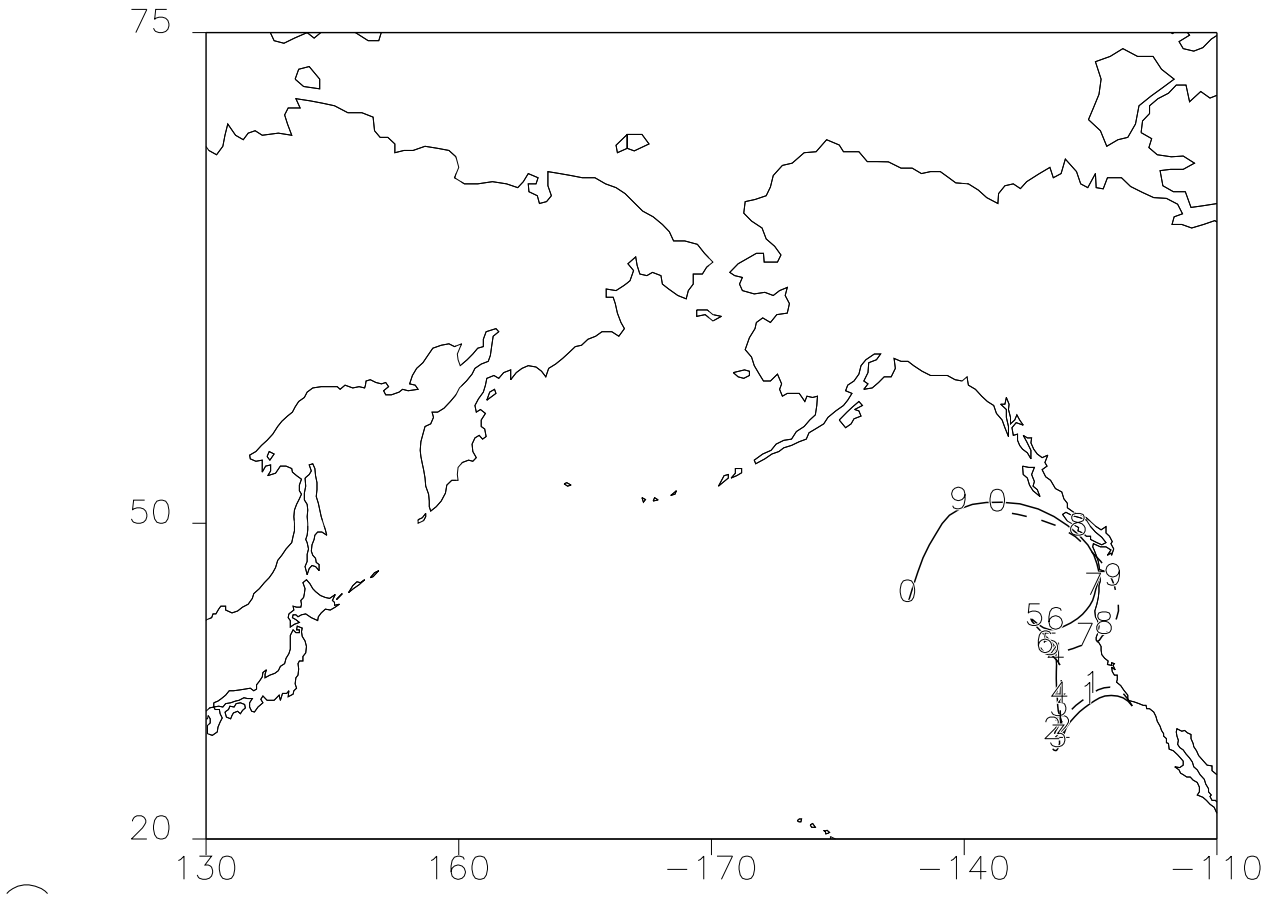
Day	km	hPa	C
0	0.3	984	18
1	0.2	1000	10
2	0.3	981	9
3	0.8	930	7
4	1.2	884	5
5	1.9	803	−2
6	2.9	705	−7
7	3.5	652	−12
8	3.5	645	−11
9	3.8	616	−14
10	3.6	634	−9

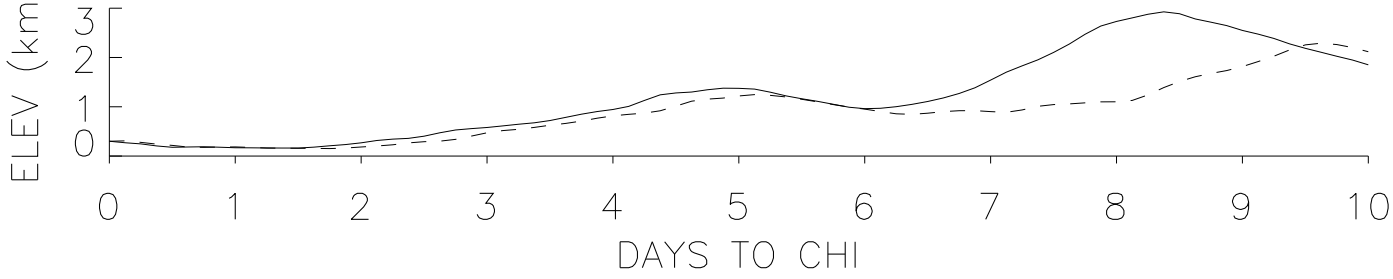
06UT

Day	km	hPa	C
0	0.3	986	15
1	0.2	1000	11
2	0.3	981	9
3	0.7	938	8
4	1.4	859	5
5	2.2	777	−3
6	2.8	718	−5
7	3.5	654	−9
8	4.4	578	−18
9	5.6	483	−28
10	5.1	516	−22

00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/10/2002 (Day of Year 100)
NCEP/NCAR Reanalysis 1 Data Set





12UT

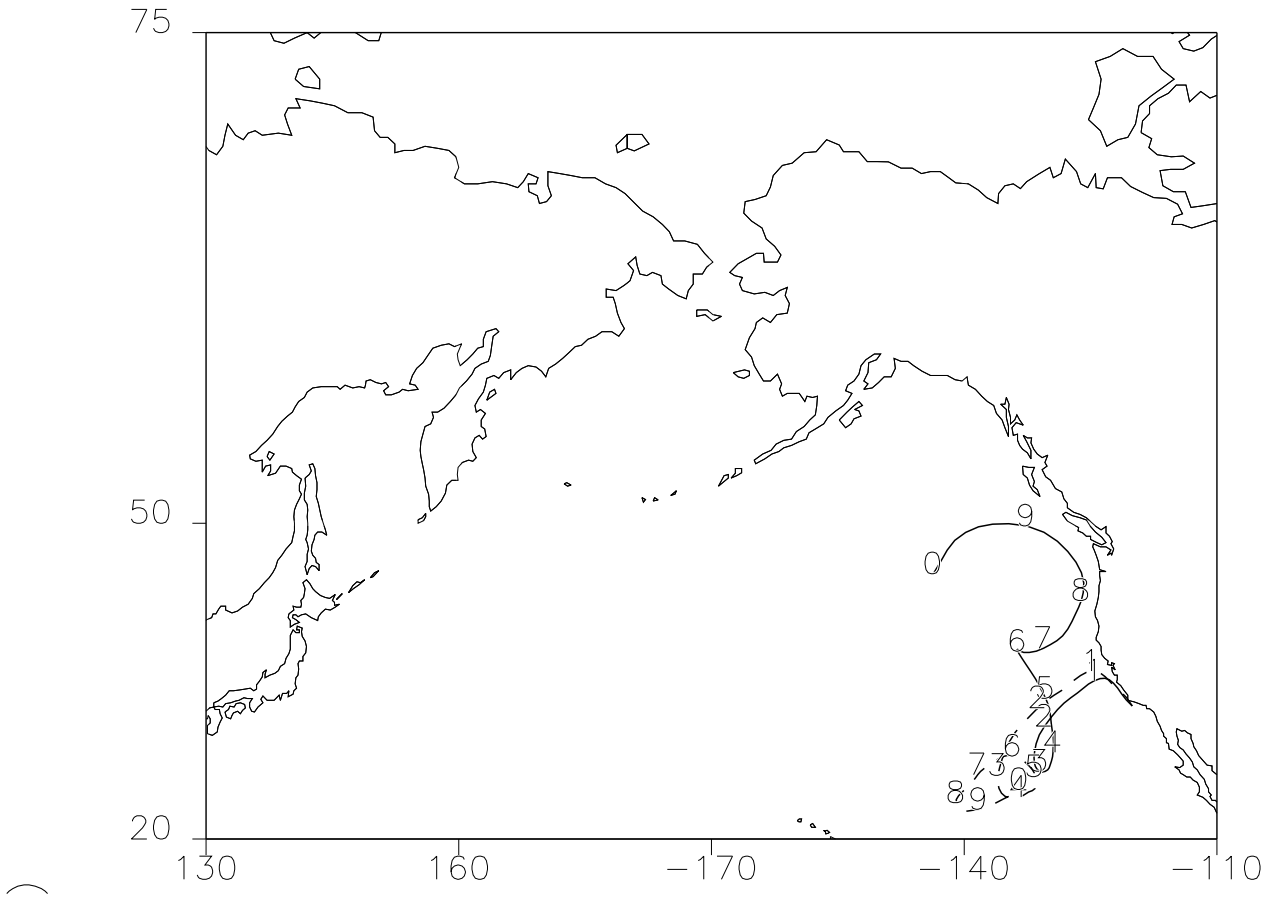
Day	km	hPa	C
0	0.3	984	13
1	0.2	1000	12
2	0.3	987	11
3	0.6	953	7
4	0.9	911	7
5	1.4	857	5
6	1.0	905	12
7	1.5	845	9
8	2.7	731	−3
9	2.5	747	1
10	1.9	812	6

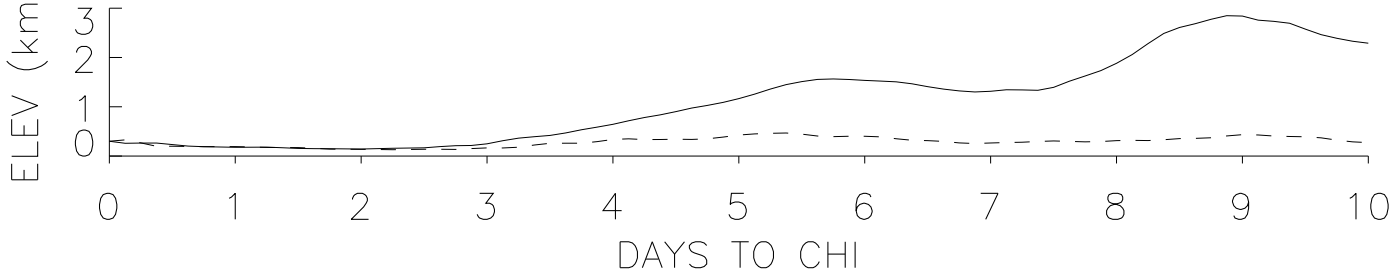
18UT

Day	km	hPa	C
0	0.3	986	16
1	0.2	1000	13
2	0.2	998	14
3	0.5	967	10
4	0.8	926	4
5	1.2	876	6
6	1.0	905	10
7	0.9	912	14
8	1.1	892	15
9	1.8	818	3
10	2.1	786	−4

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/11/2002 (Day of Year 101)
NCEP/NCAR Reanalysis 1 Data Set





00UT − solid
06UT − dashed

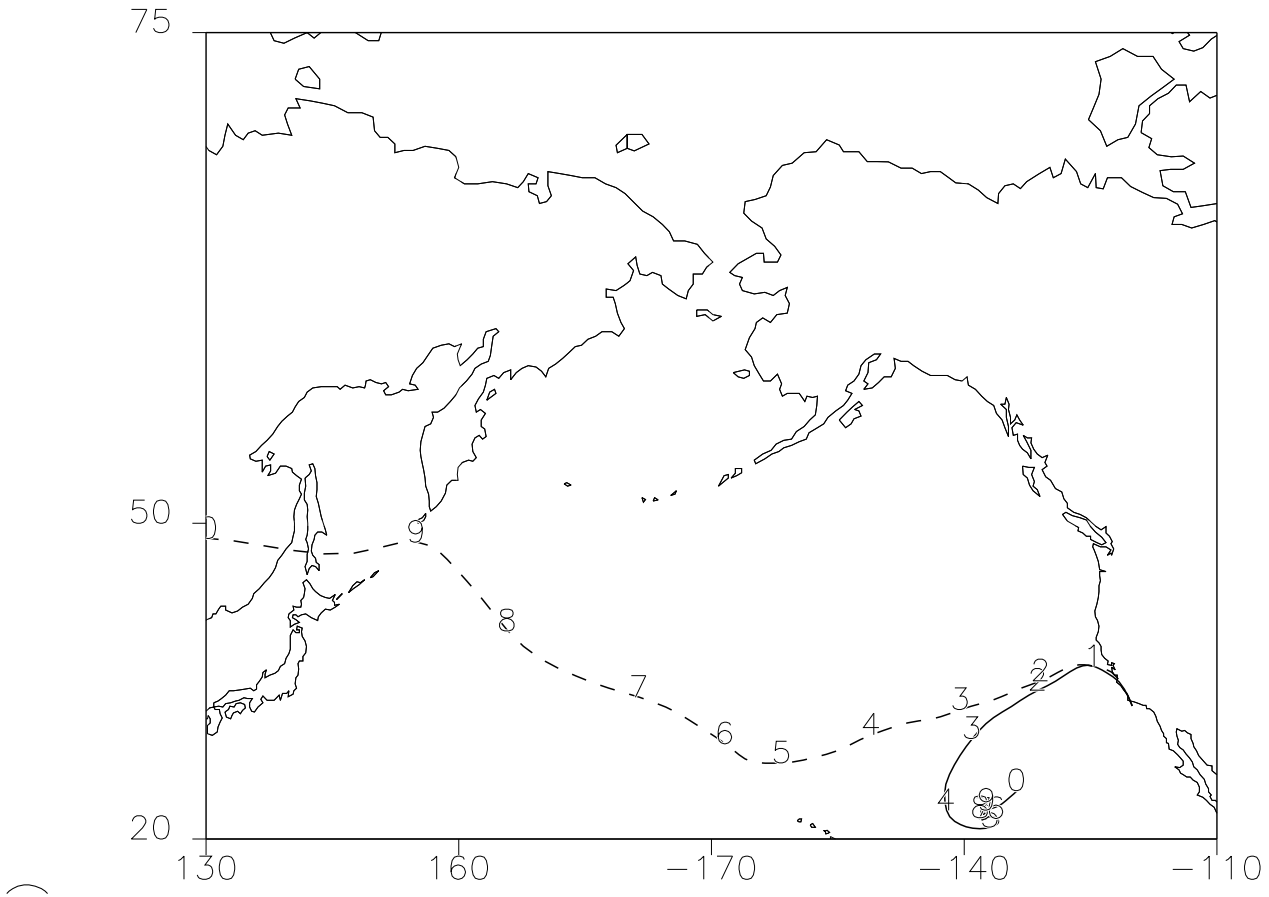
00UT

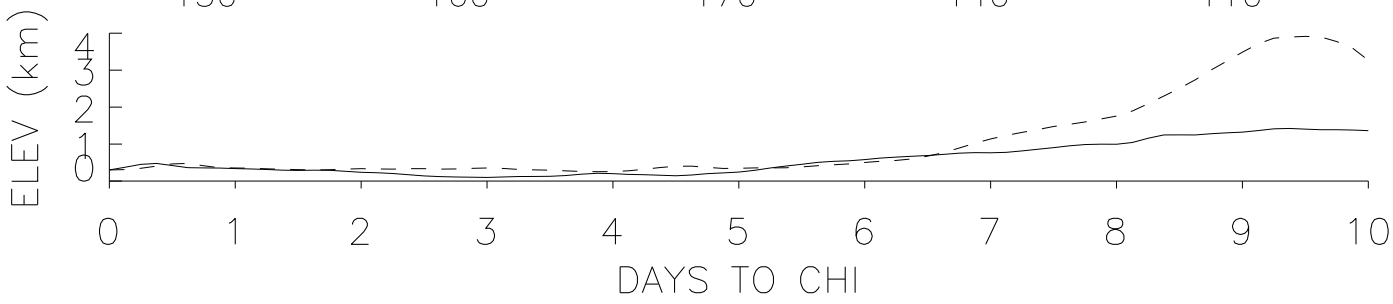
Day	km	hPa	C
0	0.3	982	17
1	0.2	1000	13
2	0.1	1000	15
3	0.2	991	15
4	0.6	945	9
5	1.2	885	9
6	1.5	842	10
7	1.3	869	12
8	1.9	814	9
9	2.8	724	0
10	2.3	773	4

06UT

Day	km	hPa	C
0	0.3	983	15
1	0.2	1000	12
2	0.1	1000	16
3	0.2	1000	19
4	0.3	983	16
5	0.4	971	15
6	0.4	969	16
7	0.3	986	17
8	0.3	983	17
9	0.4	969	15
10	0.3	989	14

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/11/2002 (Day of Year 101)
NCEP/NCAR Reanalysis 1 Data Set





12UT

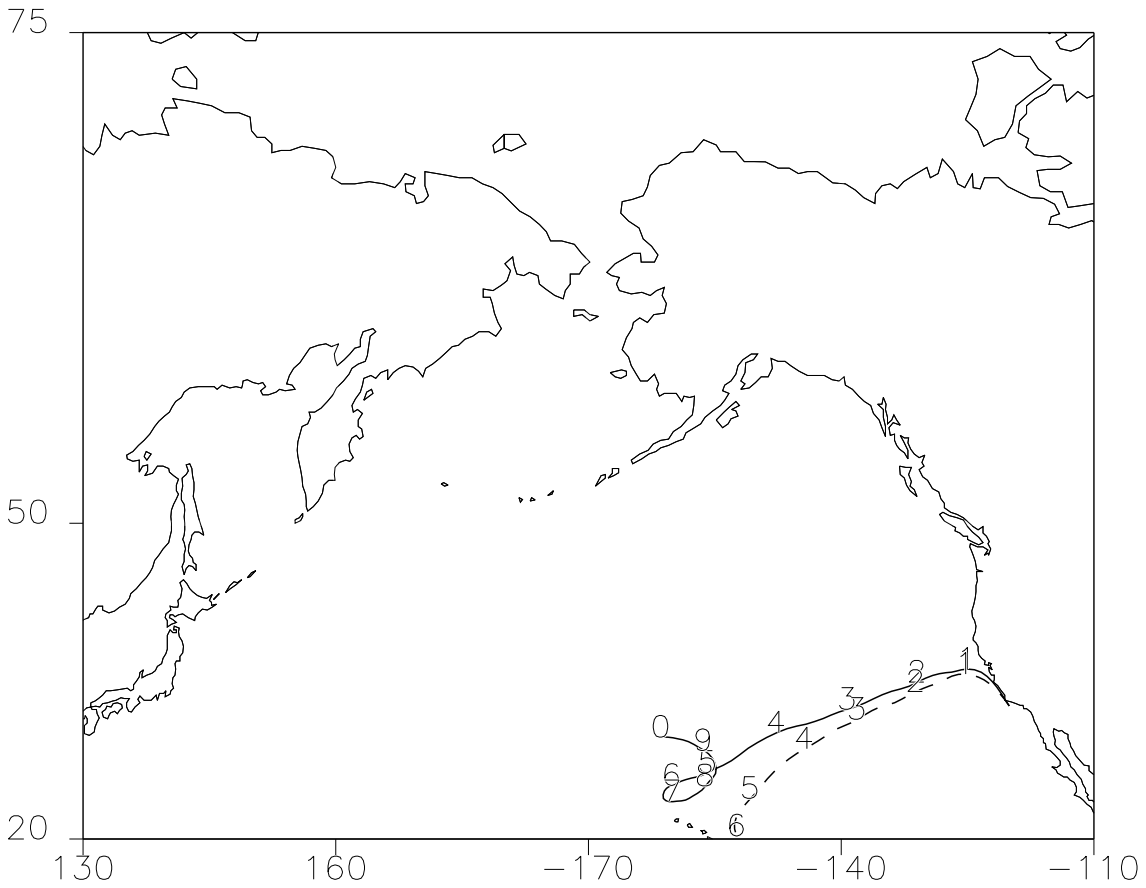
Day	km	hPa	C
0	0.3	982	14
1	0.3	983	11
2	0.2	987	14
3	0.1	1000	18
4	0.2	994	20
5	0.2	991	18
6	0.6	952	15
7	0.8	929	12
8	1.0	905	12
9	1.3	870	14
10	1.4	866	16

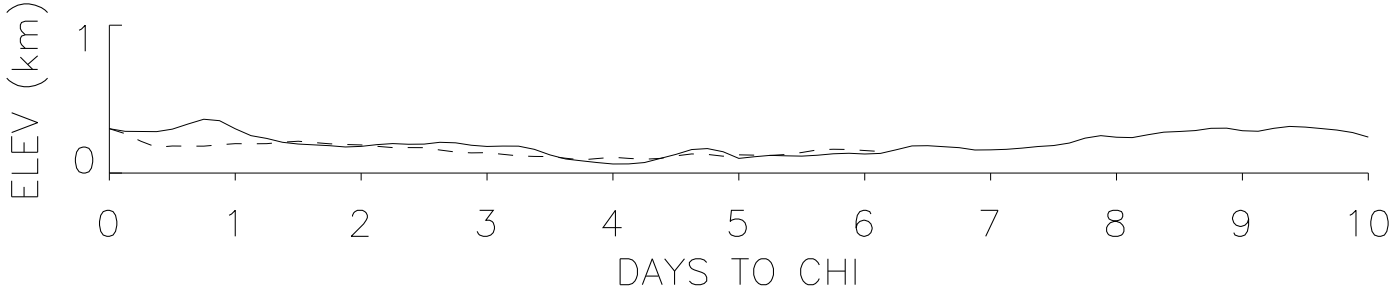
18UT

Day	km	hPa	C
0	0.3	984	17
1	0.4	983	13
2	0.3	979	13
3	0.4	970	15
4	0.3	976	16
5	0.3	973	15
6	0.5	957	13
7	1.1	885	7
8	1.8	808	1
9	3.5	645	−15
10	3.3	669	−13

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/12/2002 (Day of Year 102)
NCEP/NCAR Reanalysis 1 Data Set





00UT — solid
06UT — dashed

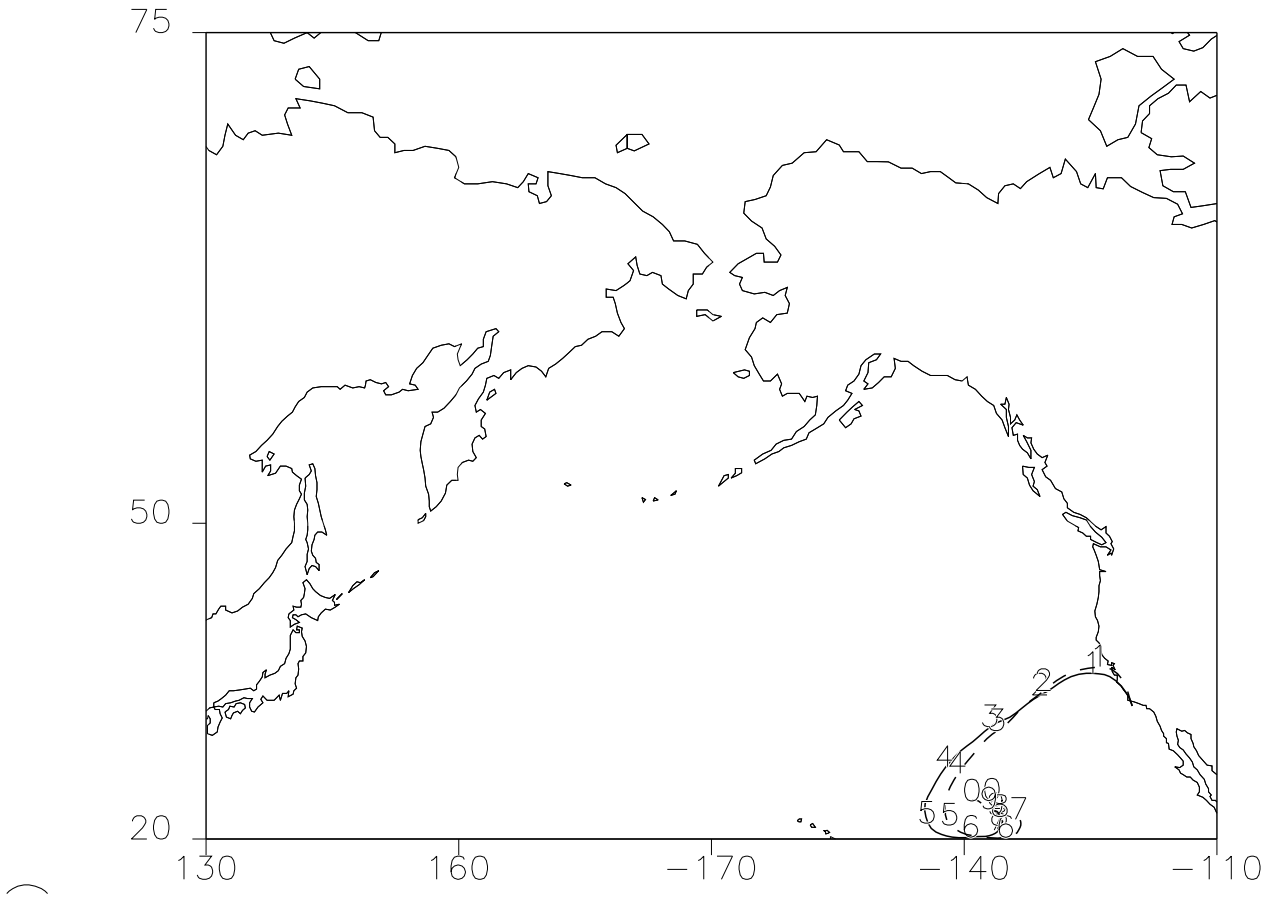
00UT

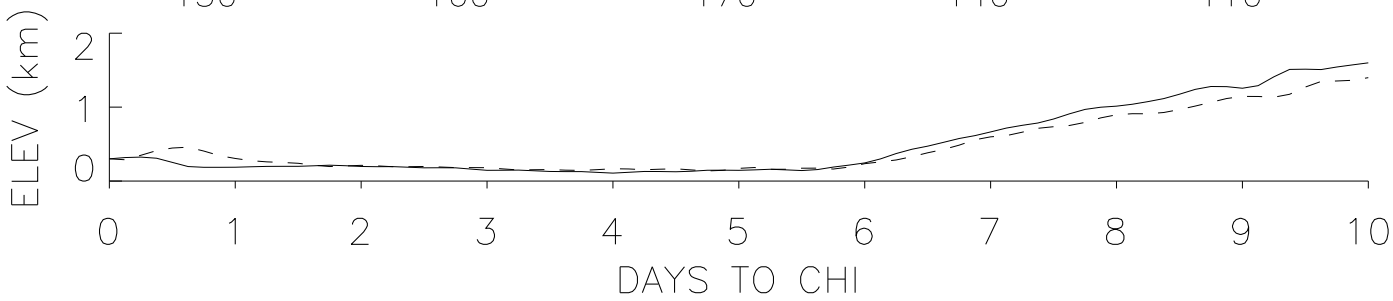
Day	km	hPa	C
0	0.3	981	20
1	0.3	987	13
2	0.2	998	14
3	0.2	991	15
4	0.1	1000	18
5	0.1	1000	19
6	0.1	1000	20
7	0.2	1000	19
8	0.2	990	18
9	0.3	981	14
10	0.2	981	14

06UT

Day	km	hPa	C
0	0.3	982	18
1	0.2	1000	13
2	0.2	1000	15
3	0.1	1000	16
4	0.1	1000	19
5	0.1	1000	22
6	0.2	999	22

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/12/2002 (Day of Year 102)
NCEP/NCAR Reanalysis 1 Data Set





12UT

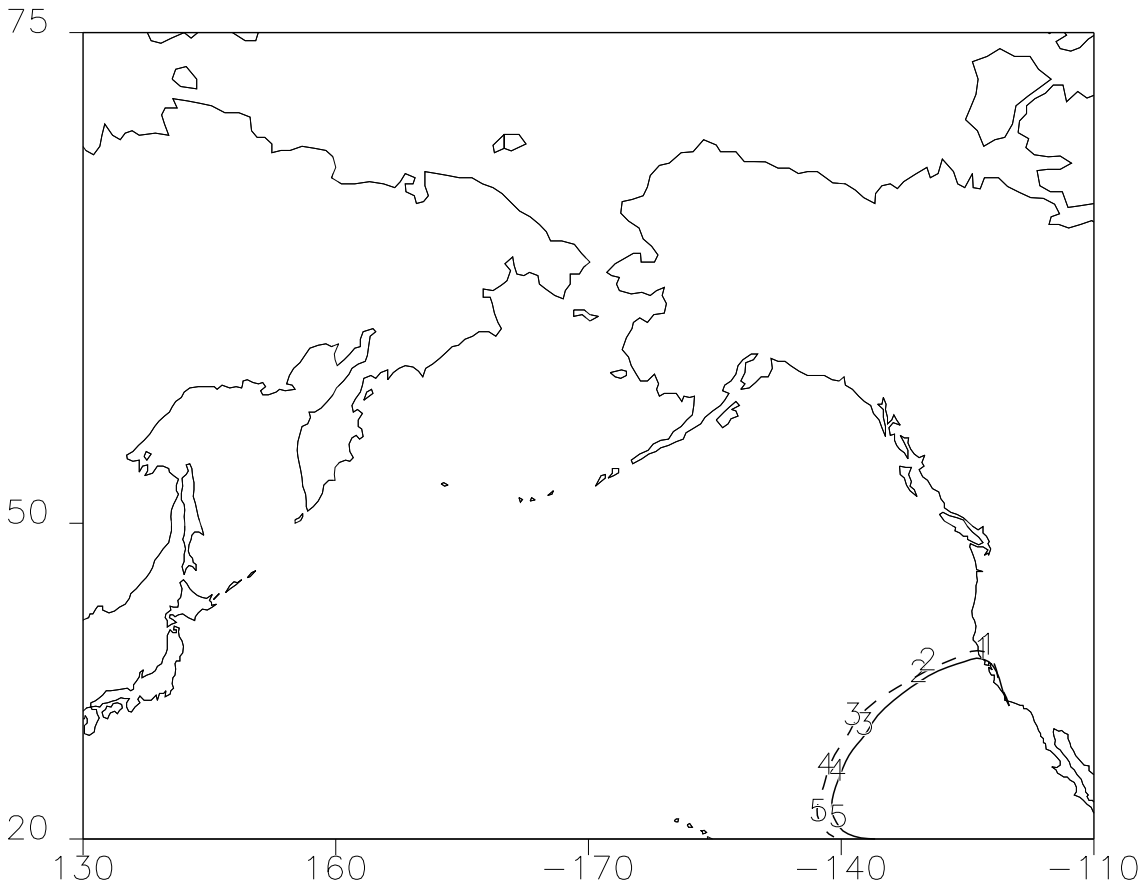
Day	km	hPa	C
0	0.3	980	17
1	0.2	1000	14
2	0.2	1000	15
3	0.1	1000	17
4	0.1	1000	20
5	0.1	1000	21
6	0.2	990	19
7	0.7	943	14
8	1.0	902	12
9	1.3	876	14
10	1.6	842	16

18UT

Day	km	hPa	C
0	0.3	982	19
1	0.3	986	15
2	0.2	1000	15
3	0.2	1000	18
4	0.2	997	20
5	0.2	998	21
6	0.2	994	19
7	0.6	952	15
8	0.9	917	11
9	1.1	890	12
10	1.4	865	15

12UT – solid
18UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/13/2002 (Day of Year 103)
NCEP/NCAR Reanalysis 1 Data Set

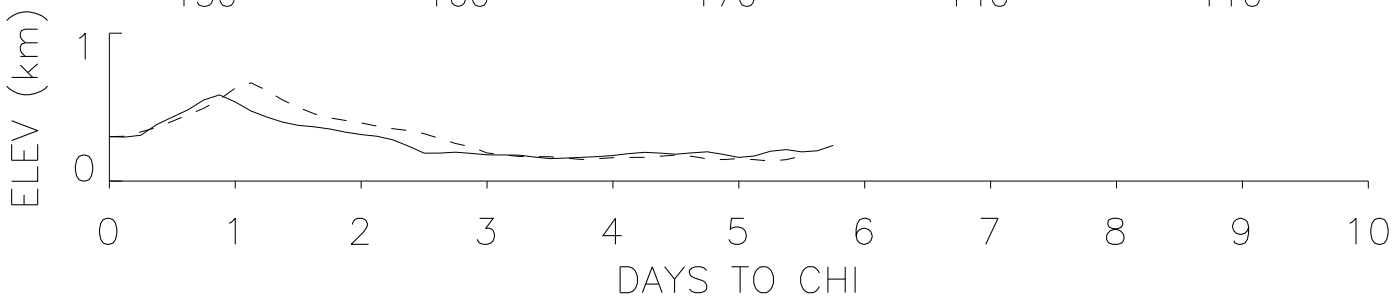


00UT

Day	km	hPa	C
0	0.3	979	19
1	0.5	957	16
2	0.3	985	14
3	0.2	1000	18
4	0.2	997	20
5	0.2	998	21

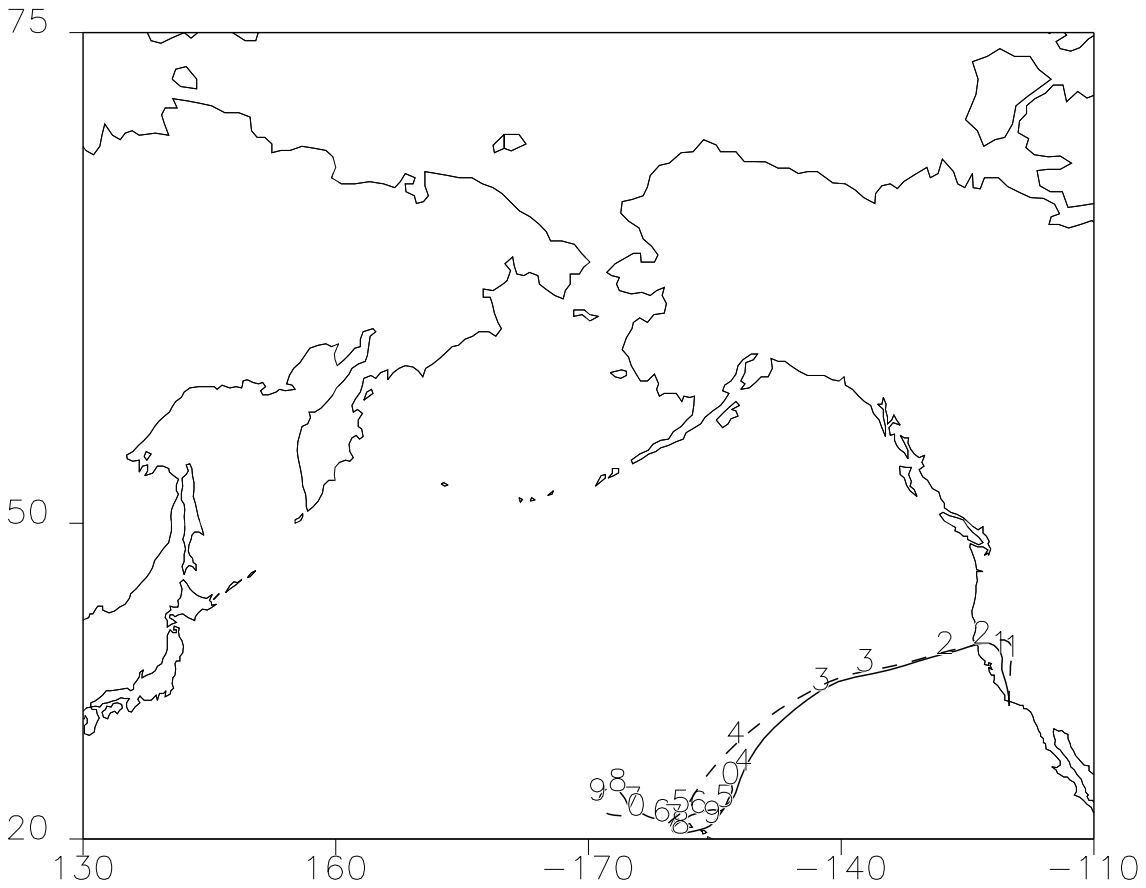
06UT

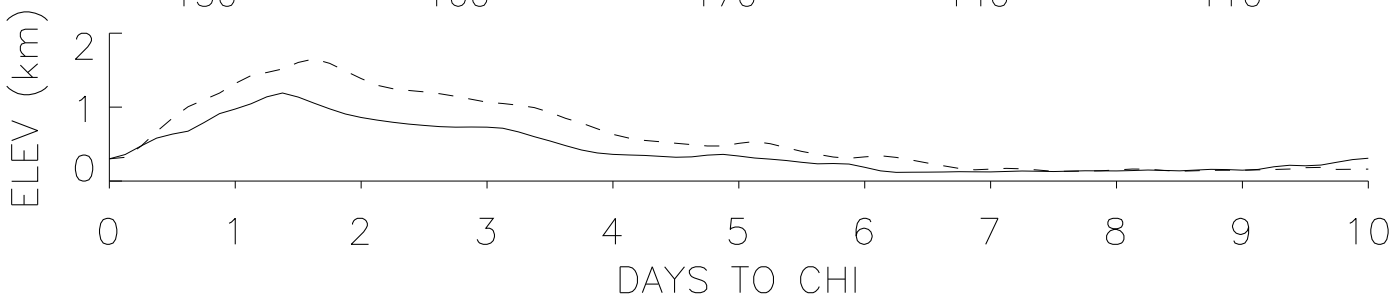
Day	km	hPa	C
0	0.3	980	18
1	0.6	947	13
2	0.4	976	14
3	0.2	1000	19
4	0.2	1000	20
5	0.2	1000	22



00UT – solid
06UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/13/2002 (Day of Year 103)
NCEP/NCAR Reanalysis 1 Data Set





12UT

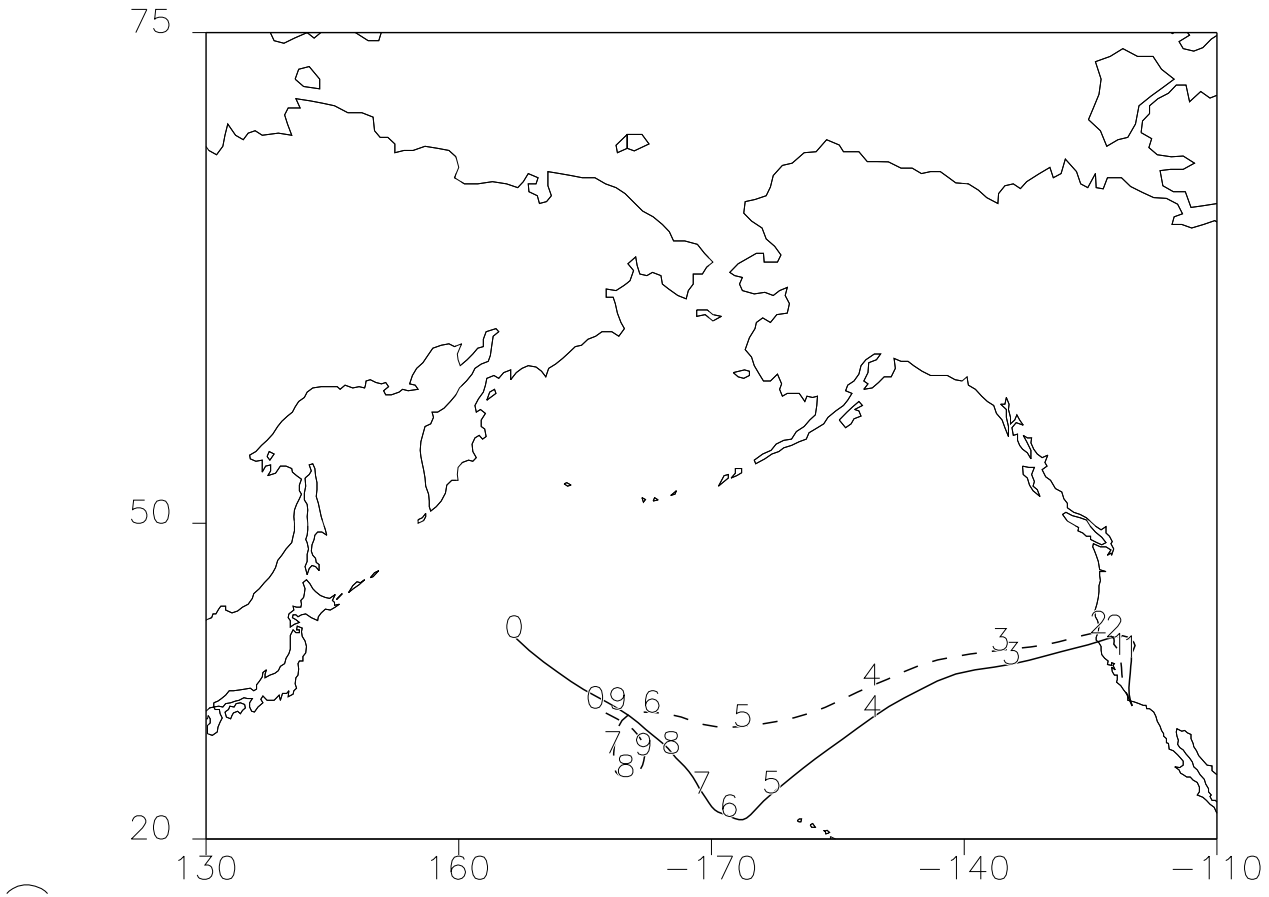
Day	km	hPa	C
0	0.3	980	16
1	1.0	908	11
2	0.9	921	12
3	0.7	933	15
4	0.4	971	19
5	0.3	974	19
6	0.2	991	20
7	0.1	1000	22
8	0.1	1000	21
9	0.1	1000	20
10	0.3	981	17

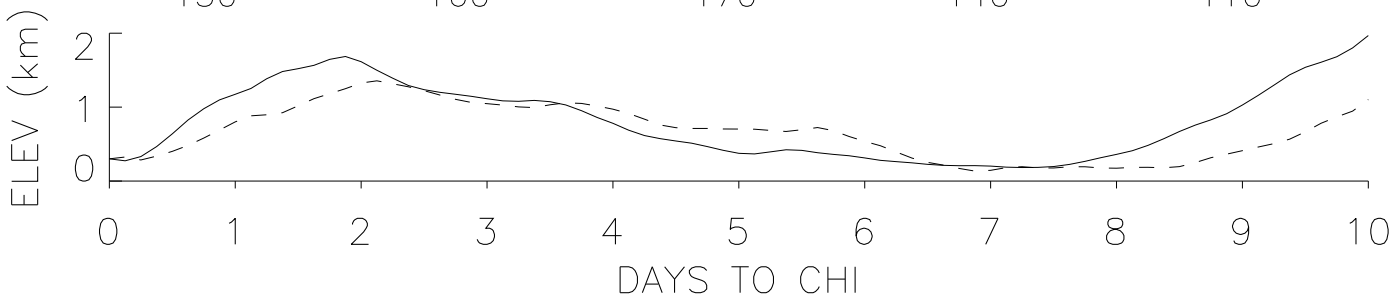
18UT

Day	km	hPa	C
0	0.3	981	22
1	1.3	872	14
2	1.4	866	9
3	1.1	897	13
4	0.6	938	17
5	0.5	955	18
6	0.3	976	20
7	0.2	996	20
8	0.2	999	20
9	0.1	1000	21
10	0.2	1000	19

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/14/2002 (Day of Year 104)
NCEP/NCAR Reanalysis 1 Data Set





00UT

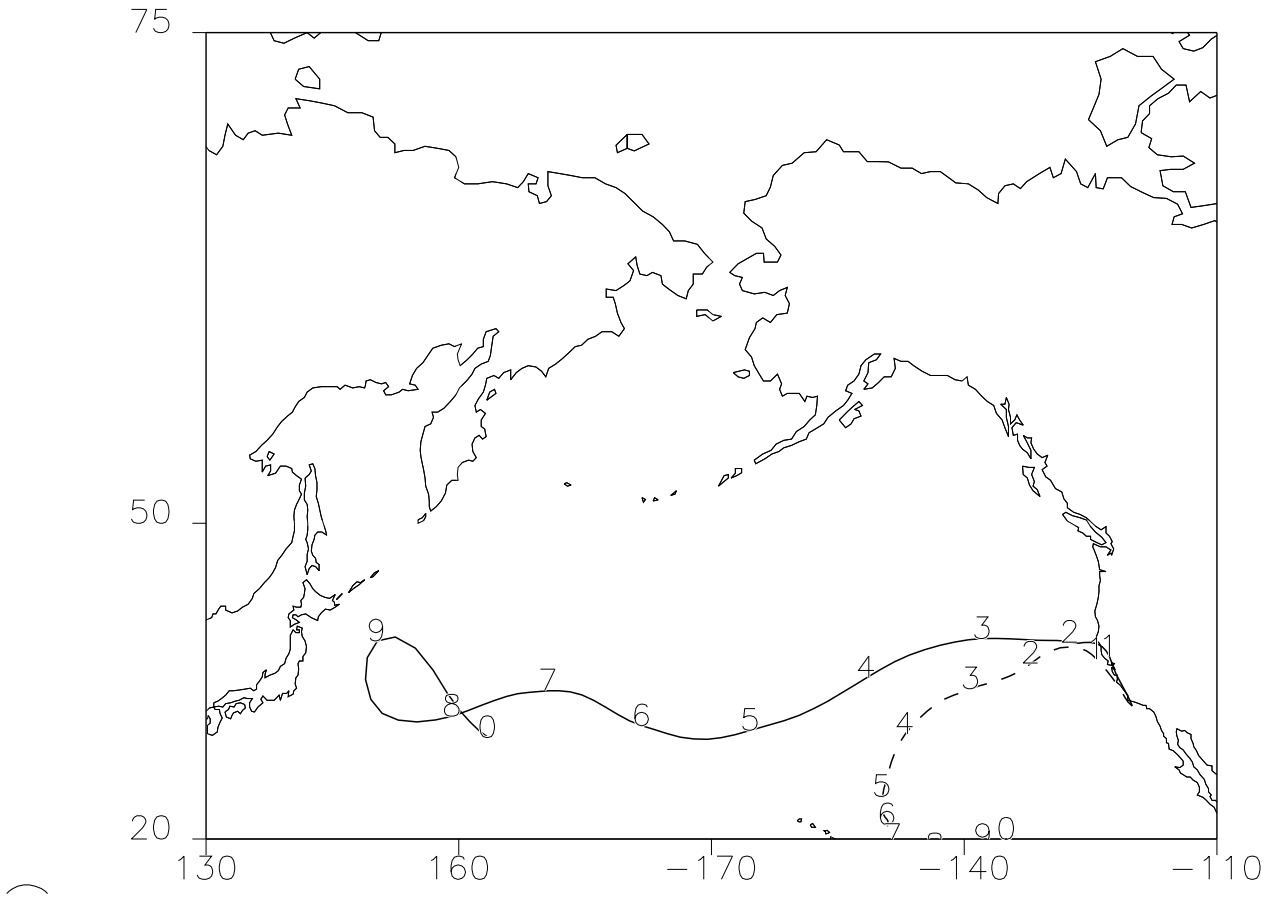
Day	km	hPa	C
0	0.3	978	23
1	1.2	885	20
2	1.6	841	9
3	1.1	893	12
4	0.8	922	14
5	0.4	966	20
6	0.3	978	19
7	0.2	993	17
8	0.4	977	13
9	1.0	901	8
10	2.0	792	1

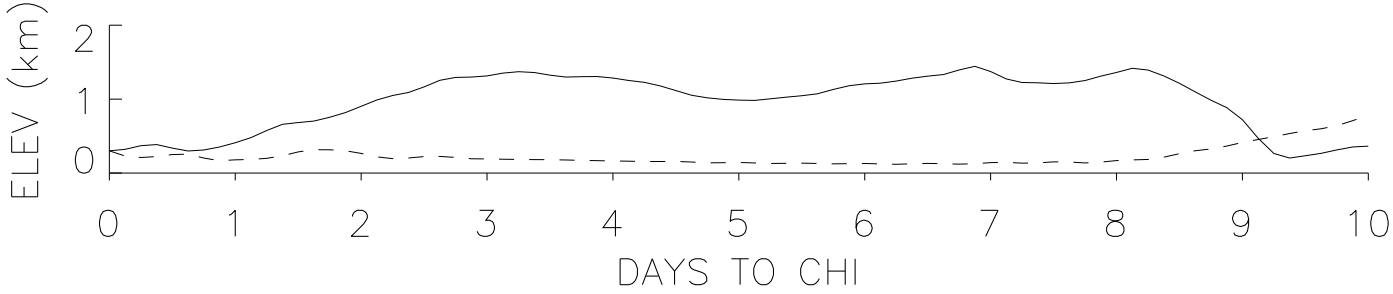
06UT

Day	km	hPa	C
0	0.3	980	18
1	0.8	927	15
2	1.3	871	8
3	1.0	898	11
4	1.0	899	13
5	0.7	919	15
6	0.5	937	14
7	0.1	994	18
8	0.2	998	18
9	0.4	972	14
10	1.1	888	7

00UT – solid
06UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/14/2002 (Day of Year 104)
NCEP/NCAR Reanalysis 1 Data Set





12UT

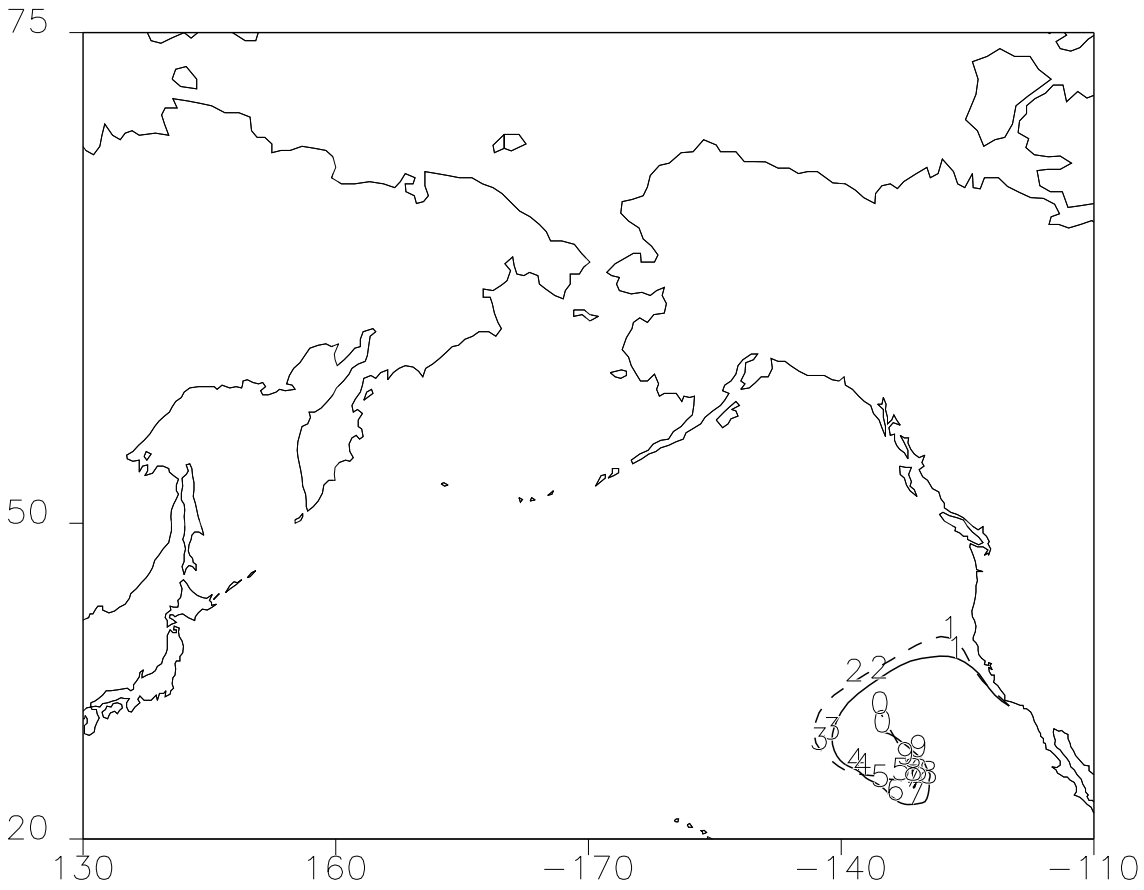
Day	km	hPa	C
0	0.3	978	20
1	0.4	972	13
2	0.9	918	9
3	1.3	868	7
4	1.3	866	11
5	1.0	890	13
6	1.2	868	11
7	1.4	850	9
8	1.4	850	8
9	0.7	909	7
10	0.4	975	14

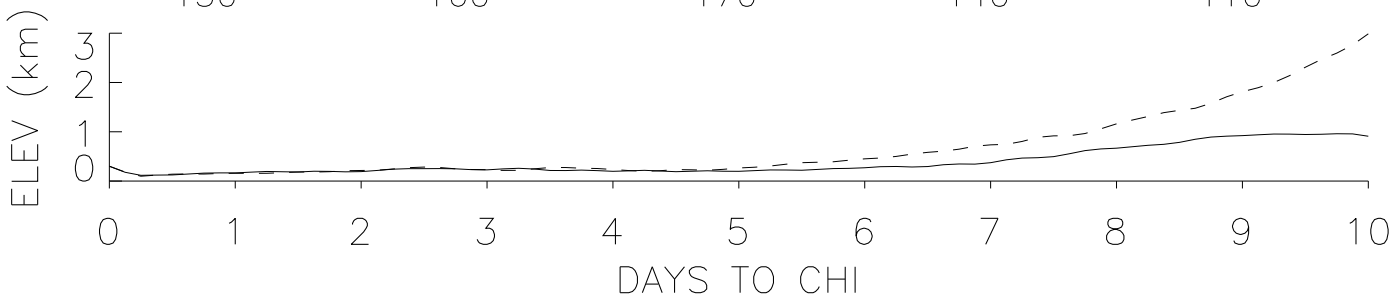
18UT

Day	km	hPa	C
0	0.3	978	22
1	0.2	1000	16
2	0.3	991	14
3	0.2	1000	16
4	0.2	1000	19
5	0.1	1000	22
6	0.1	1000	22
7	0.1	999	23
8	0.2	999	21
9	0.4	972	17
10	0.8	929	12

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/15/2002 (Day of Year 105)
NCEP/NCAR Reanalysis 1 Data Set





00UT

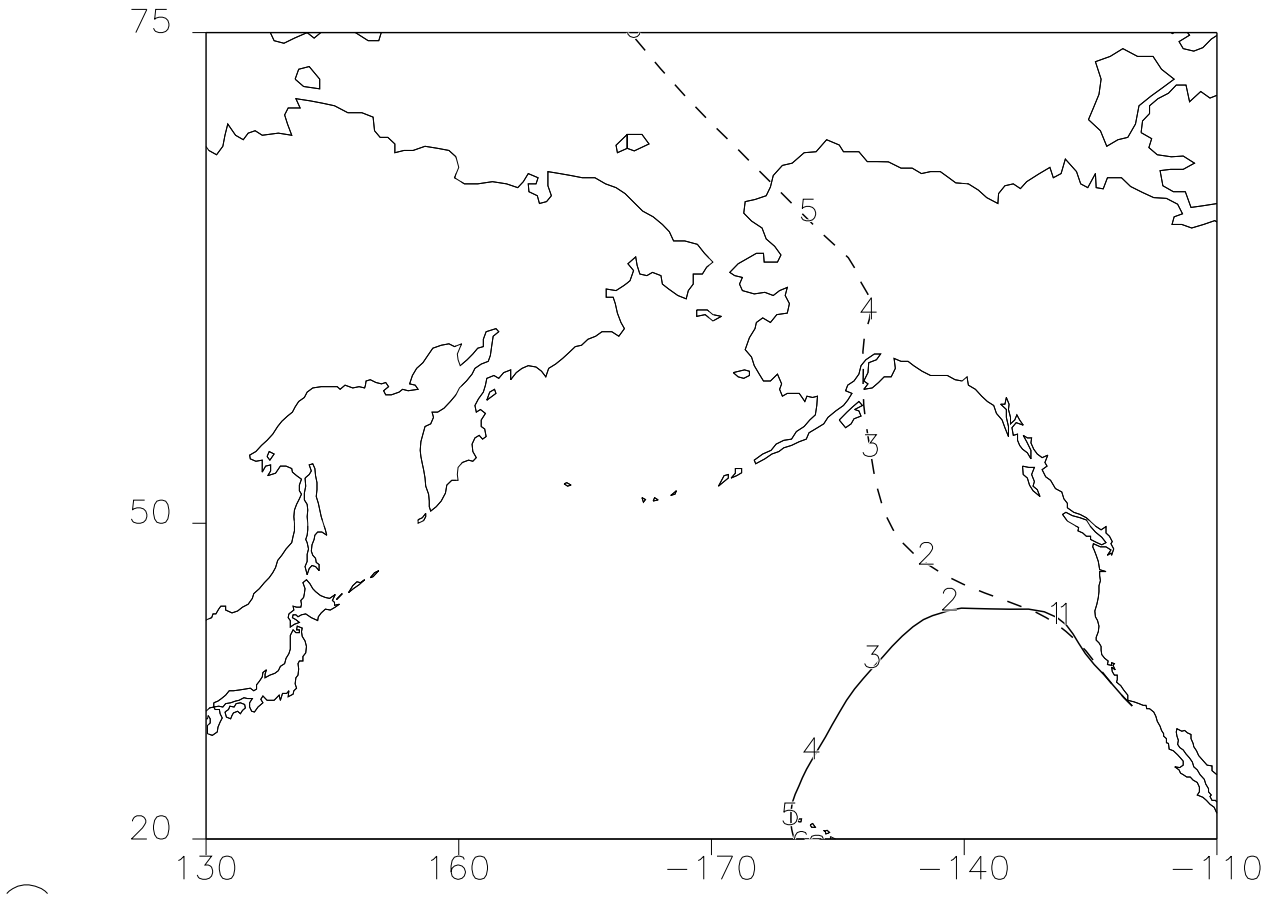
Day	km	hPa	C
0	0.3	974	21
1	0.2	1000	14
2	0.2	999	17
3	0.2	997	18
4	0.2	1000	19
5	0.2	999	18
6	0.3	988	17
7	0.4	975	16
8	0.7	942	13
9	0.9	913	13
10	0.9	911	11

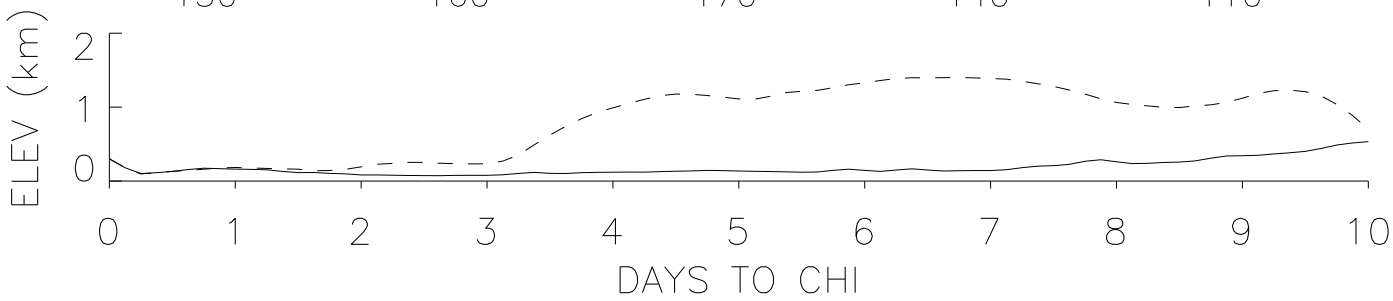
06UT

Day	km	hPa	C
0	0.3	974	15
1	0.2	1000	11
2	0.2	997	16
3	0.2	999	18
4	0.2	999	18
5	0.3	994	17
6	0.5	970	15
7	0.7	936	12
8	1.2	891	10
9	1.8	823	10
10	3.0	706	−1

00UT – solid
06UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/15/2002 (Day of Year 105)
NCEP/NCAR Reanalysis 1 Data Set





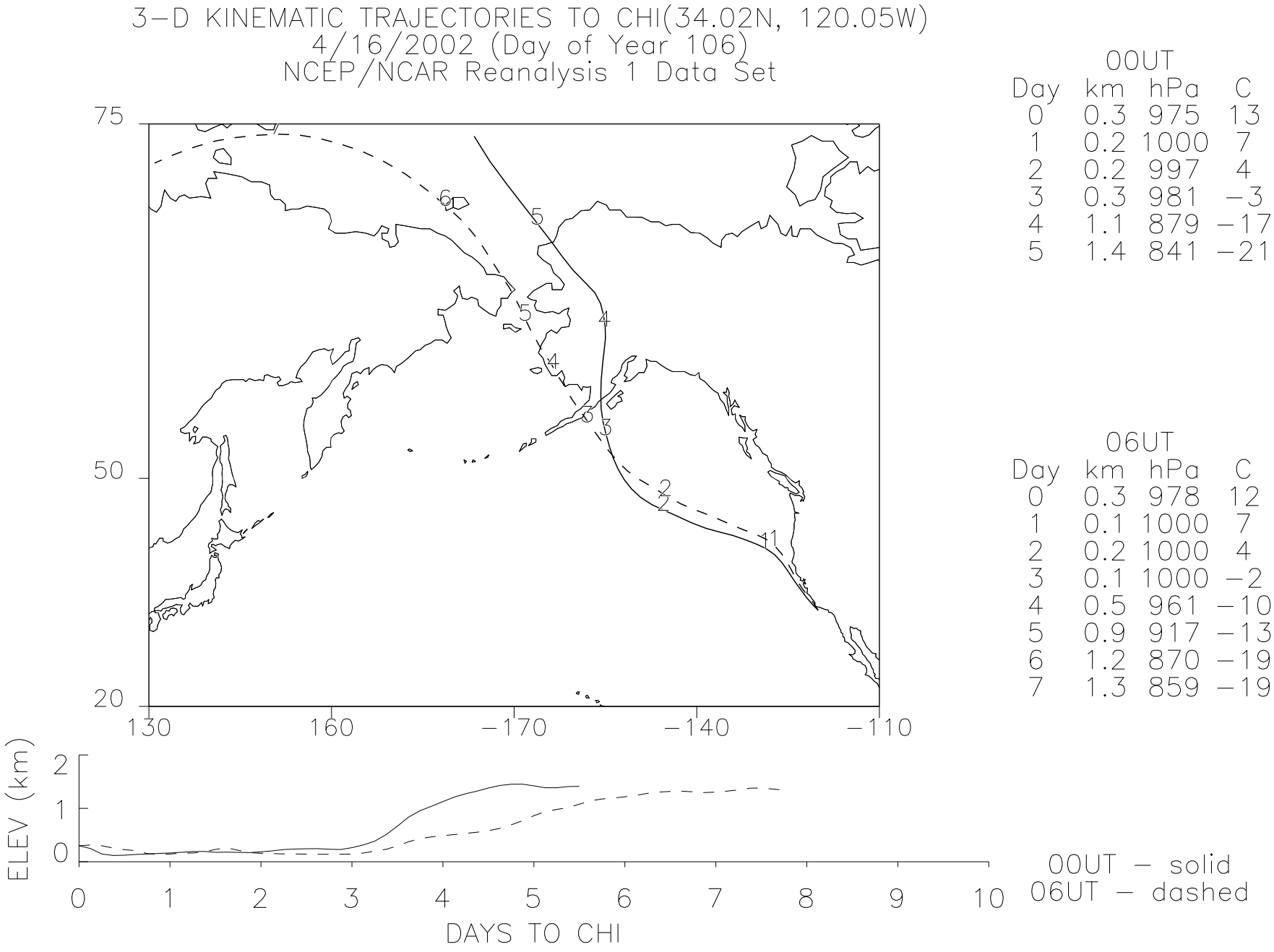
12UT

Day	km	hPa	C
0	0.3	973	12
1	0.2	1000	9
2	0.1	1000	10
3	0.1	1000	16
4	0.1	1000	21
5	0.1	1000	23
6	0.1	997	23
7	0.1	997	23
8	0.3	983	22
9	0.3	975	21
10	0.5	955	18

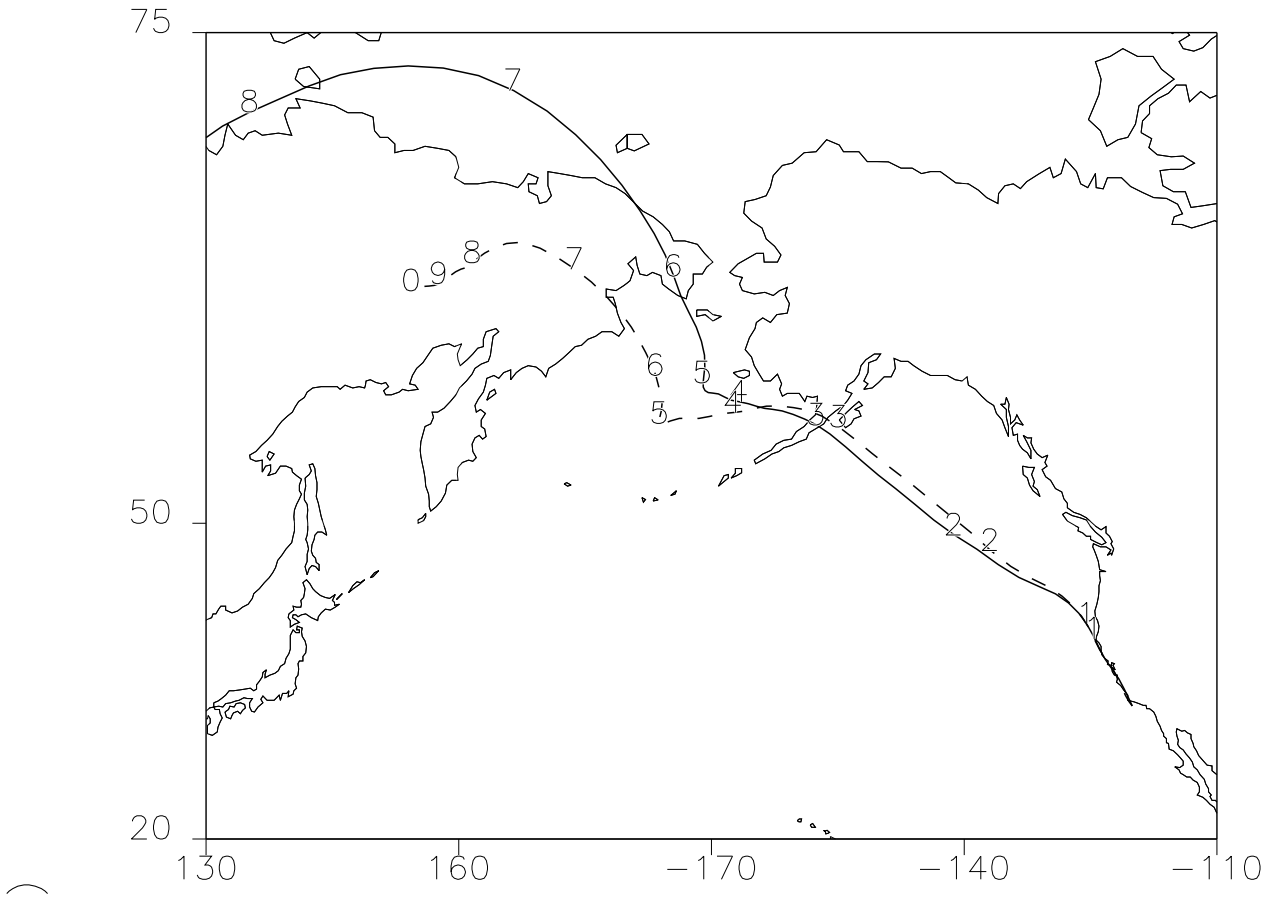
18UT

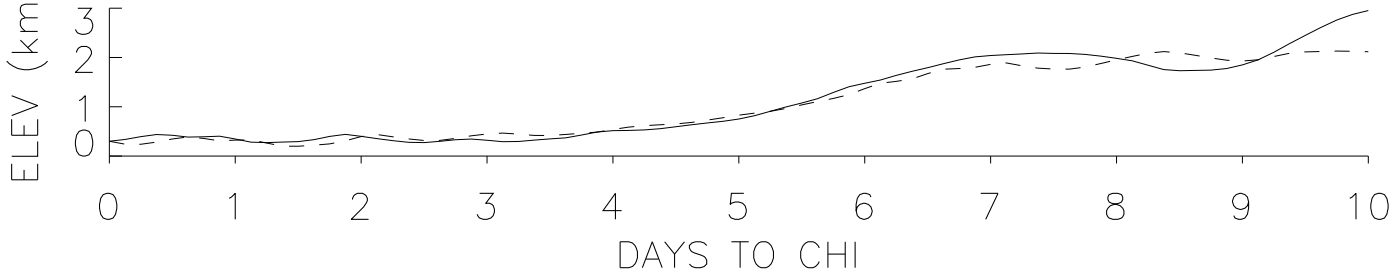
Day	km	hPa	C
0	0.3	975	12
1	0.2	1000	7
2	0.2	989	4
3	0.2	978	−2
4	1.0	891	−18
5	1.1	875	−24
6	1.3	848	−24
7	1.4	844	−22
8	1.1	882	−18
9	1.1	875	−18
10	0.7	931	−18

12UT − solid
18UT − dashed


3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/16/2002 (Day of Year 106)
NCEP/NCAR Reanalysis 1 Data Set
00UT
Day km hPa C
0 0.3 975 13
1 0.2 1000 7
2 0.2 997 4
3 0.3 981 -3
4 1.1 879 -17
5 1.4 841 -21
06UT
Day km hPa C
0 0.3 978 12
1 0.1 1000 7
2 0.2 1000 4
3 0.1 1000 -2
4 0.5 961 -10
5 0.9 917 -13
6 1.2 870 -19
7 1.3 859 -19
75
50
20
130
160
-170
-140
-110
ELEV (km)
2
1
0
0
1
2
3
4
5
6
7
8
9
10
DAYS TO CHI
00UT - solid
06UT - dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/16/2002 (Day of Year 106)
NCEP/NCAR Reanalysis 1 Data Set





12UT

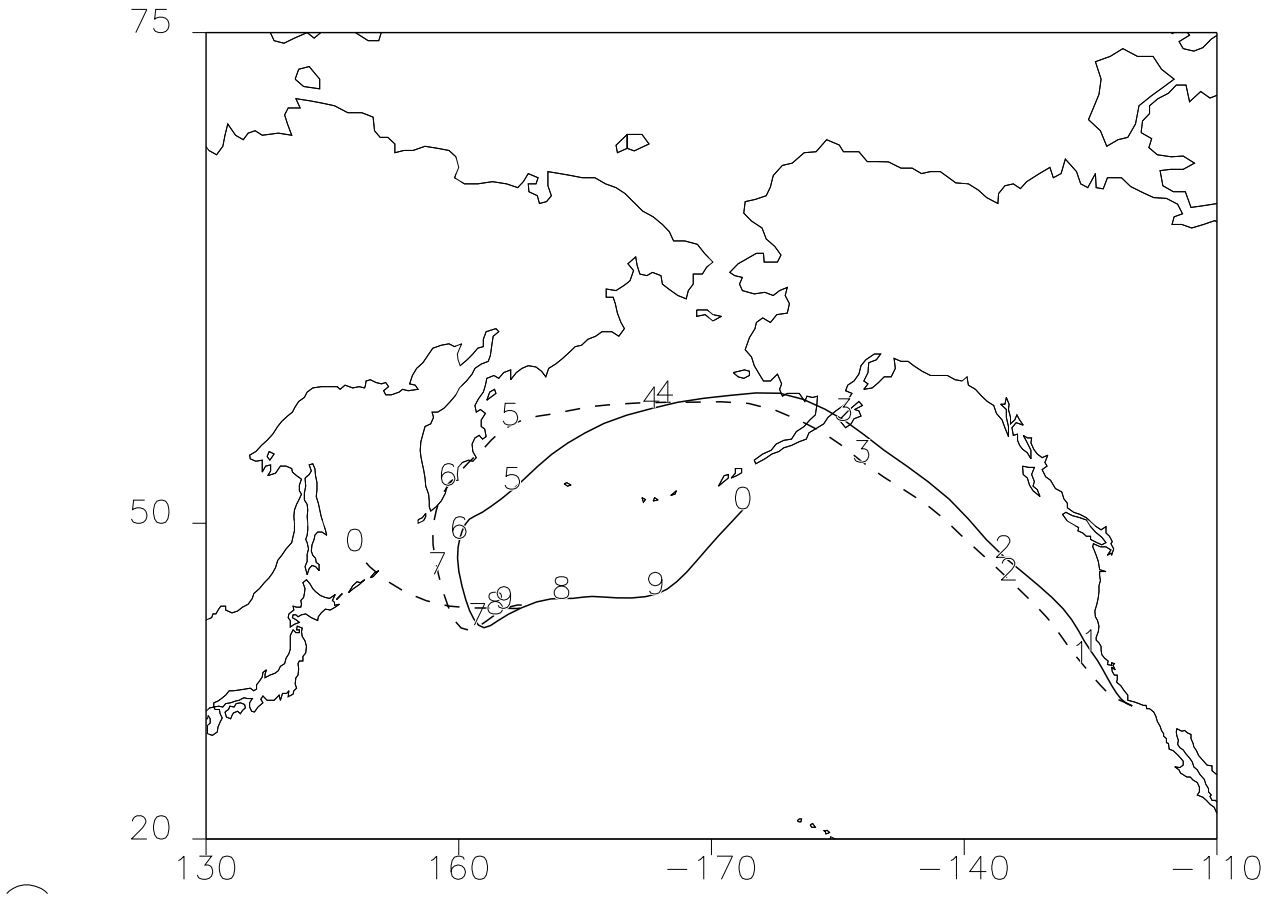
Day	km	hPa	C
0	0.3	978	10
1	0.3	974	4
2	0.4	966	1
3	0.3	976	−3
4	0.5	960	−7
5	0.8	933	−10
6	1.5	843	−14
7	2.0	778	−22
8	2.0	790	−19
9	1.8	809	−17
10	3.0	693	−22

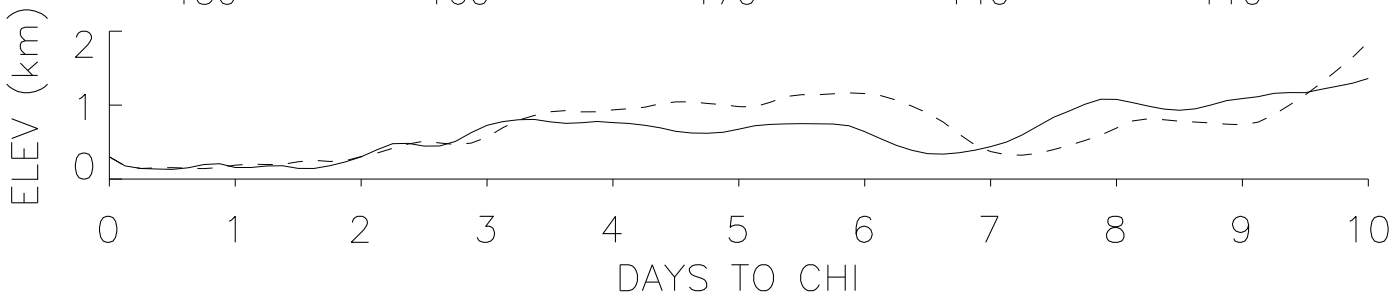
18UT

Day	km	hPa	C
0	0.3	980	12
1	0.3	979	6
2	0.4	968	3
3	0.4	957	−2
4	0.5	956	−4
5	0.8	927	−7
6	1.4	863	−8
7	1.9	806	−13
8	2.0	803	−11
9	1.9	806	−10
10	2.1	783	−14

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/17/2002 (Day of Year 107)
NCEP/NCAR Reanalysis 1 Data Set





00UT

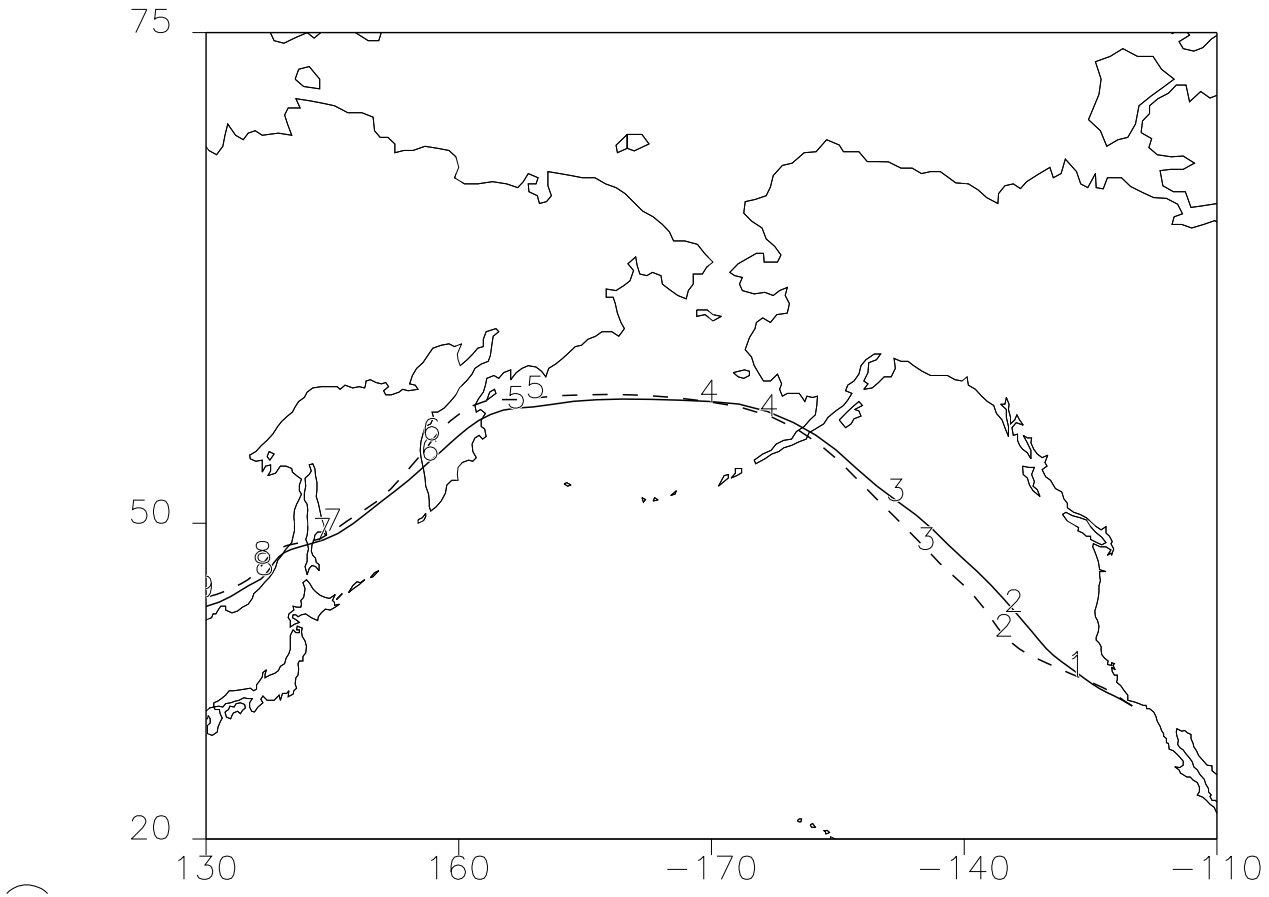
Day	km	hPa	C
0	0.3	980	12
1	0.2	999	9
2	0.3	980	4
3	0.7	924	−3
4	0.8	923	−3
5	0.7	937	−2
6	0.6	938	−1
7	0.4	970	5
8	1.1	886	0
9	1.1	884	−2
10	1.4	858	−4

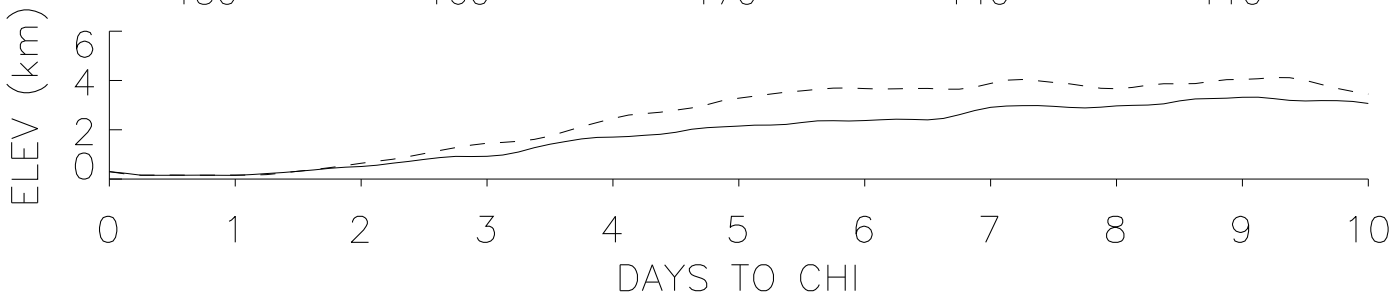
06UT

Day	km	hPa	C
0	0.3	982	11
1	0.2	998	9
2	0.3	986	5
3	0.6	947	−1
4	0.9	902	−5
5	1.0	896	−5
6	1.2	877	−6
7	0.4	971	5
8	0.7	933	0
9	0.7	920	−2
10	1.9	797	−14

00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/17/2002 (Day of Year 107)
NCEP/NCAR Reanalysis 1 Data Set





12UT

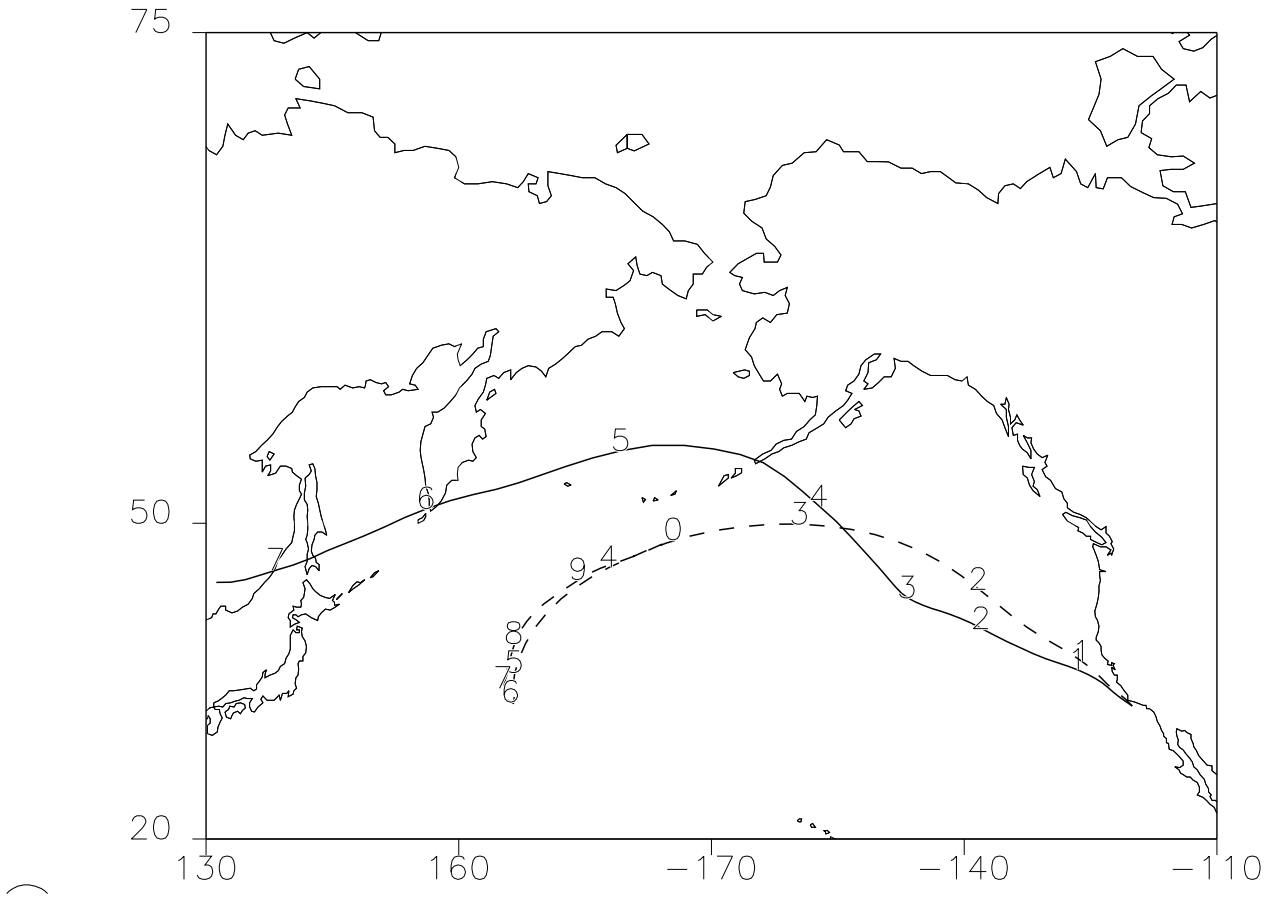
Day	km	hPa	C
0	0.3	982	9
1	0.1	1000	10
2	0.5	963	3
3	0.9	909	−2
4	1.7	817	−10
5	2.1	769	−14
6	2.4	748	−13
7	2.9	694	−18
8	3.0	691	−18
9	3.3	655	−22
10	3.1	676	−20

18UT

Day	km	hPa	C
0	0.3	985	11
1	0.2	1000	10
2	0.6	951	3
3	1.5	858	0
4	2.5	743	−14
5	3.3	659	−23
6	3.7	627	−24
7	3.9	608	−26
8	3.7	627	−24
9	4.0	591	−29
10	3.4	639	−23

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/18/2002 (Day of Year 108)
NCEP/NCAR Reanalysis 1 Data Set

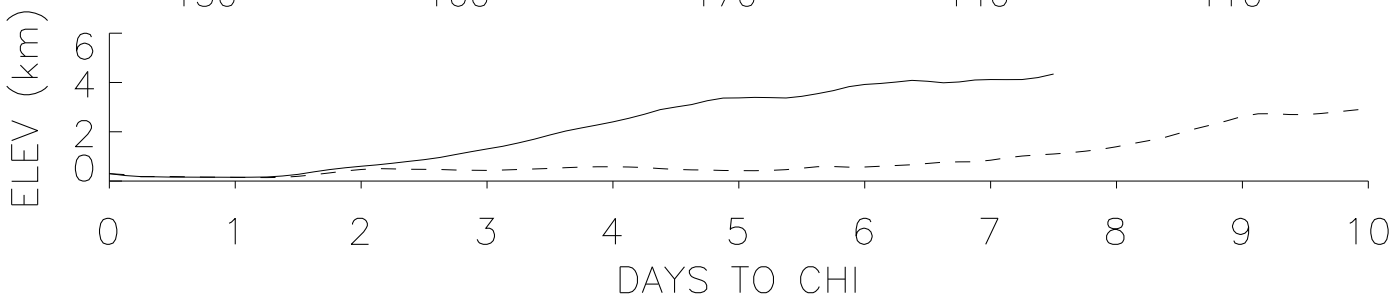


00UT

Day	km	hPa	C
0	0.3	984	11
1	0.2	1000	9
2	0.6	954	4
3	1.3	881	1
4	2.4	757	−10
5	3.4	662	−18
6	3.9	611	−24
7	4.1	591	−28

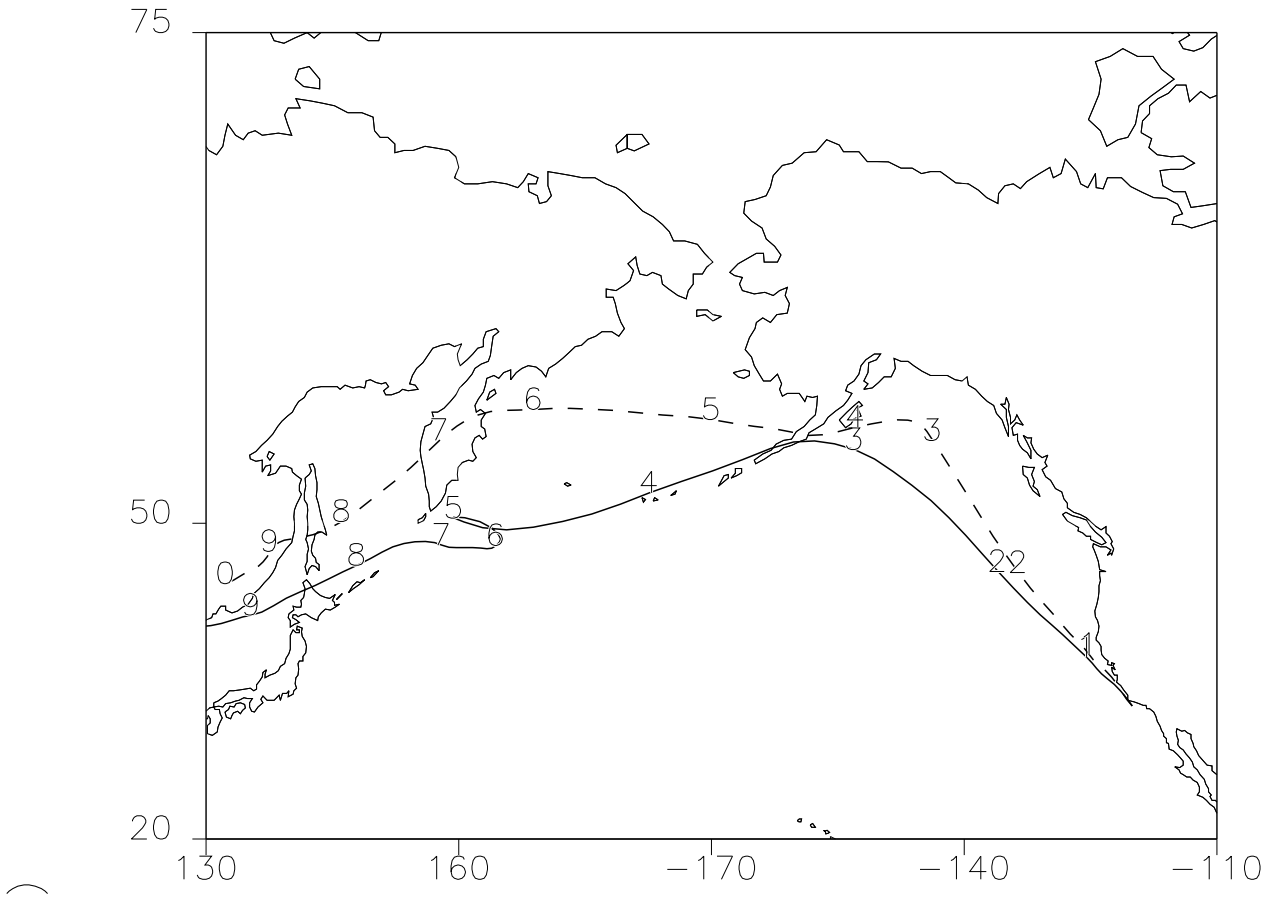
06UT

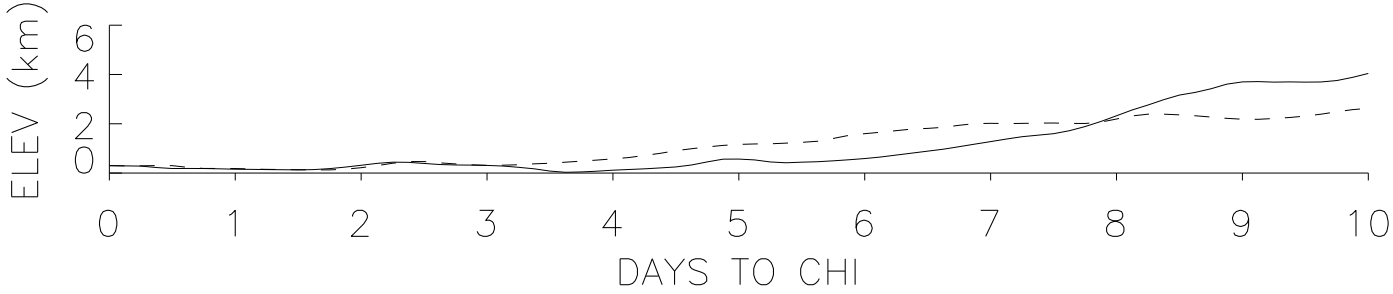
Day	km	hPa	C
0	0.3	985	10
1	0.1	1000	9
2	0.5	963	5
3	0.4	972	3
4	0.6	956	5
5	0.4	975	12
6	0.6	957	10
7	0.8	923	6
8	1.4	862	7
9	2.6	732	−4
10	2.9	700	−7



00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/18/2002 (Day of Year 108)
NCEP/NCAR Reanalysis 1 Data Set





12UT

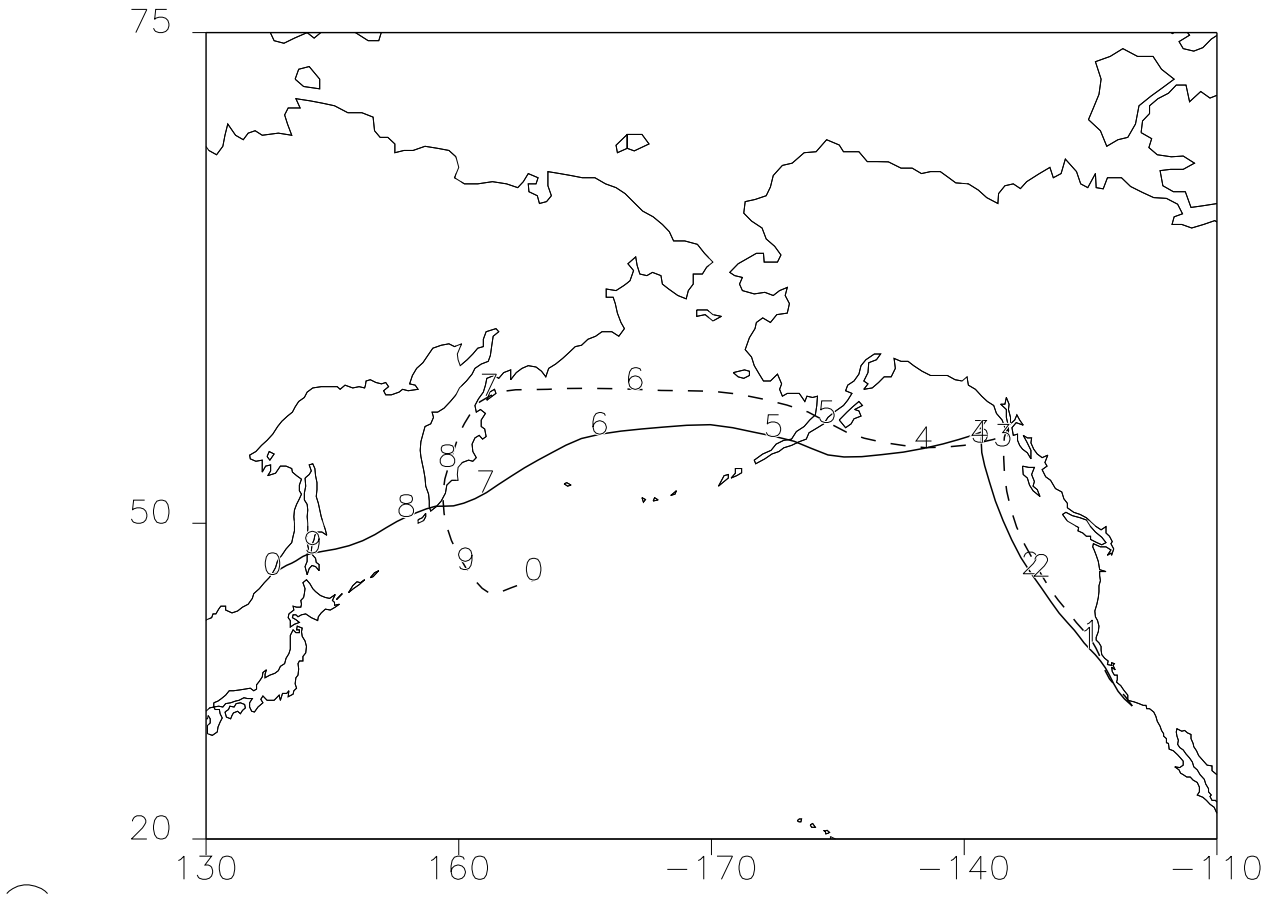
Day	km	hPa	C
0	0.3	985	9
1	0.2	1000	8
2	0.3	975	4
3	0.3	968	0
4	0.1	996	3
5	0.6	932	−3
6	0.6	952	2
7	1.3	870	−3
8	2.3	755	−12
9	3.7	627	−23
10	4.0	594	−28

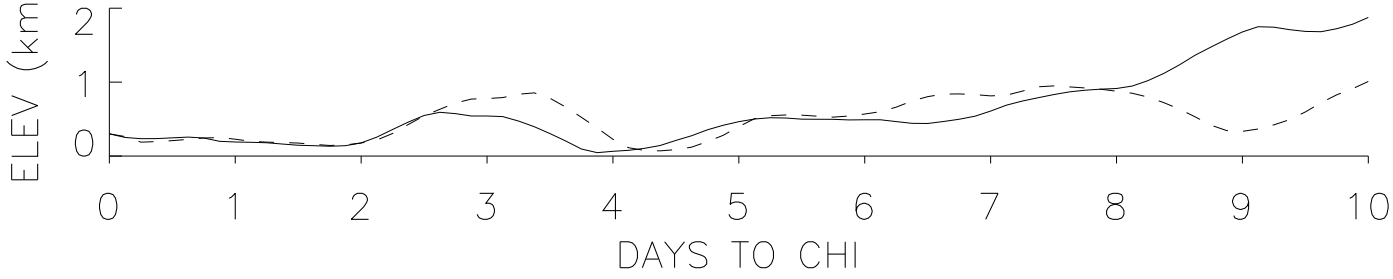
18UT

Day	km	hPa	C
0	0.3	985	11
1	0.2	1000	8
2	0.2	986	6
3	0.3	964	2
4	0.6	938	−3
5	1.2	881	−5
6	1.6	827	−11
7	2.0	782	−13
8	2.2	762	−14
9	2.2	764	−12
10	2.6	716	−19

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/19/2002 (Day of Year 109)
NCEP/NCAR Reanalysis 1 Data Set





00UT

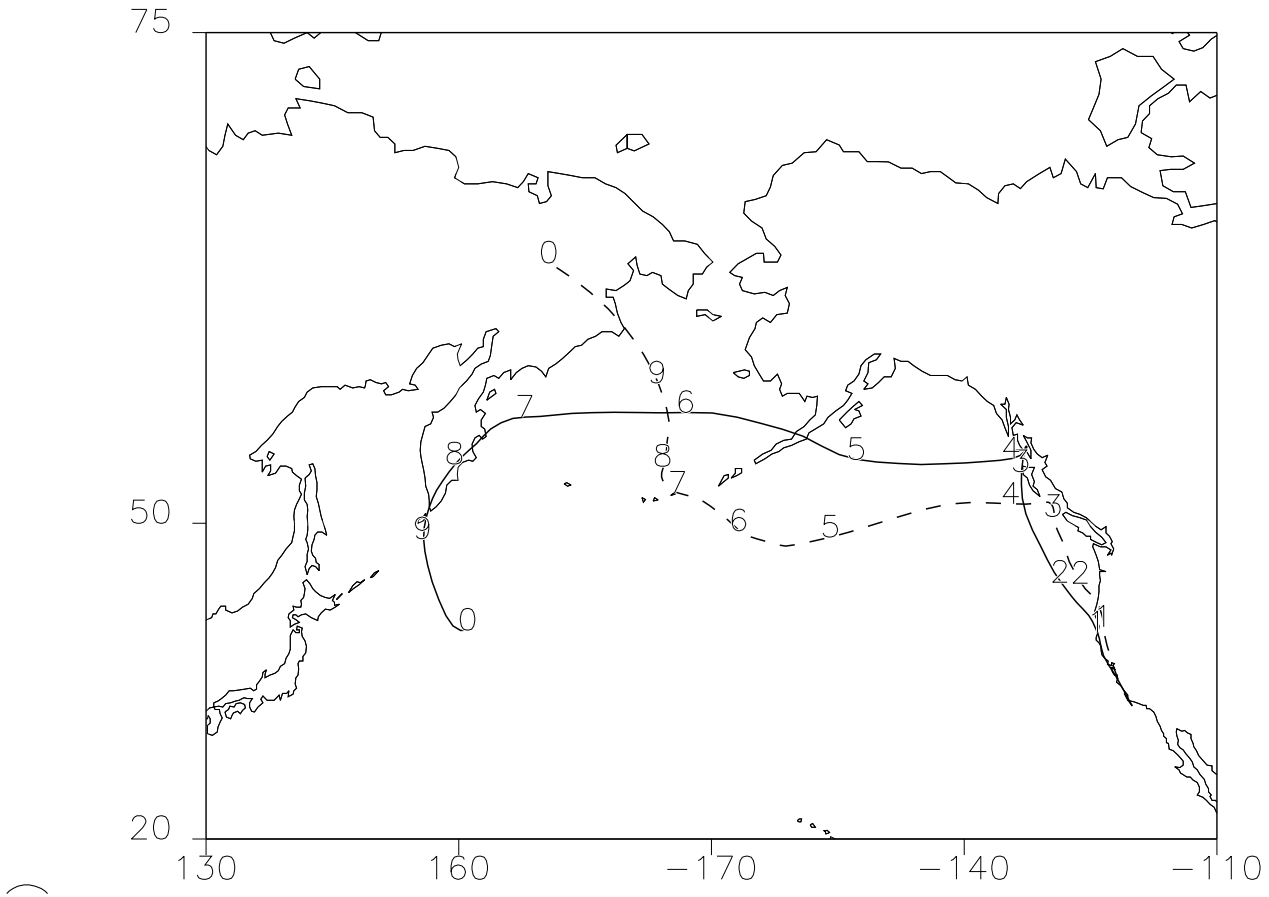
Day	km	hPa	C
0	0.3	982	11
1	0.2	1000	7
2	0.2	992	6
3	0.5	937	−1
4	0.1	1000	3
5	0.5	964	−2
6	0.5	959	−2
7	0.6	943	0
8	0.9	905	−4
9	1.7	814	−8
10	1.9	794	−12

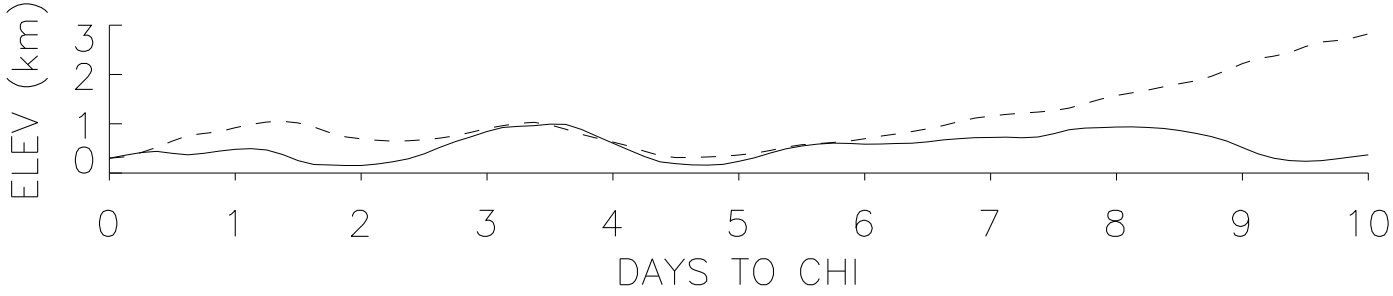
06UT

Day	km	hPa	C
0	0.3	984	11
1	0.2	998	6
2	0.2	994	7
3	0.8	911	−3
4	0.2	977	1
5	0.4	966	−2
6	0.6	943	−4
7	0.8	912	−5
8	0.9	909	−4
9	0.3	981	2
10	1.0	899	0

00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/19/2002 (Day of Year 109)
NCEP/NCAR Reanalysis 1 Data Set





12UT

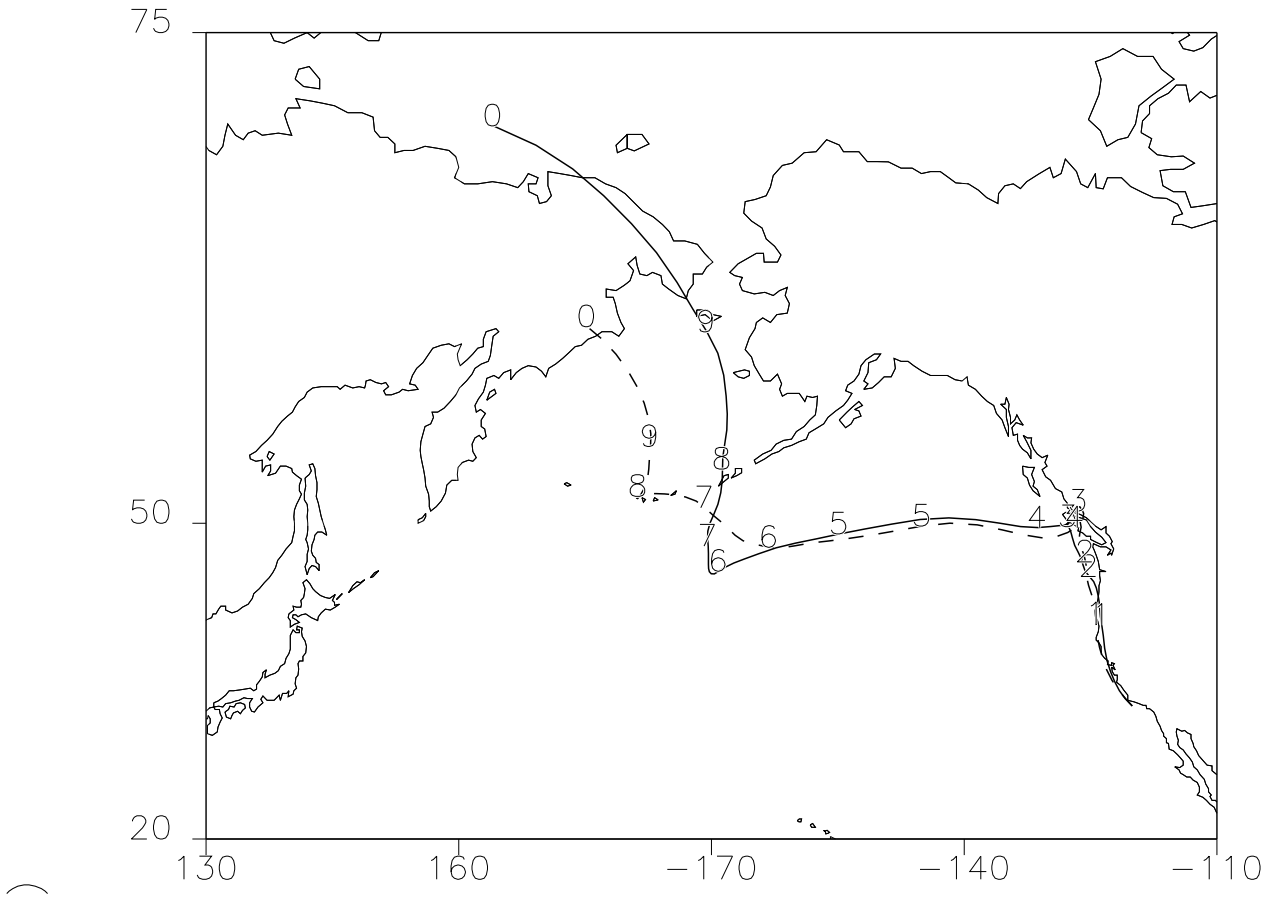
Day	km	hPa	C
0	0.3	983	9
1	0.5	968	4
2	0.2	997	7
3	0.8	906	−3
4	0.6	930	0
5	0.2	988	1
6	0.6	945	−3
7	0.7	925	−4
8	0.9	903	−5
9	0.5	951	0
10	0.4	976	4

18UT

Day	km	hPa	C
0	0.3	983	12
1	0.9	919	3
2	0.7	935	1
3	0.9	899	−1
4	0.6	929	0
5	0.4	986	2
6	0.7	948	−1
7	1.2	891	−6
8	1.6	843	−7
9	2.2	772	−11
10	2.8	710	−16

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/20/2002 (Day of Year 110)
NCEP/NCAR Reanalysis 1 Data Set

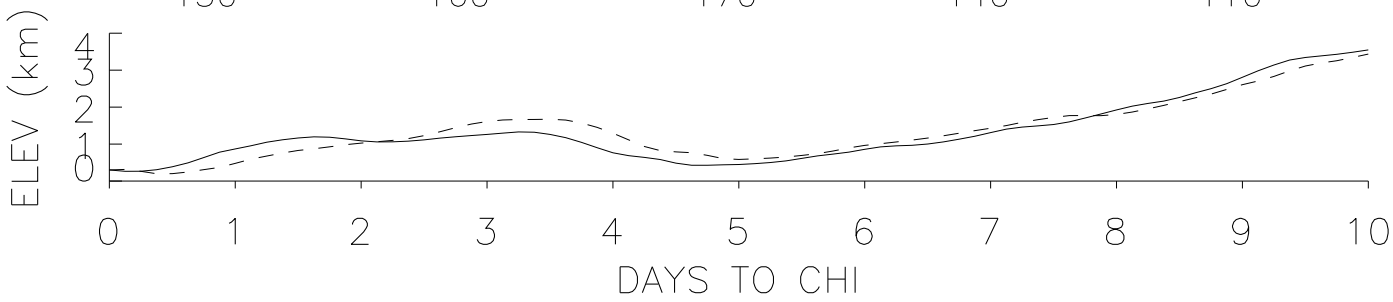


00UT

Day	km	hPa	C
0	0.3	981	13
1	0.9	925	5
2	1.1	892	0
3	1.3	861	−3
4	0.8	913	−1
5	0.4	973	2
6	0.9	934	−2
7	1.3	874	−2
8	1.9	804	−9
9	2.8	709	−19
10	3.5	639	−24

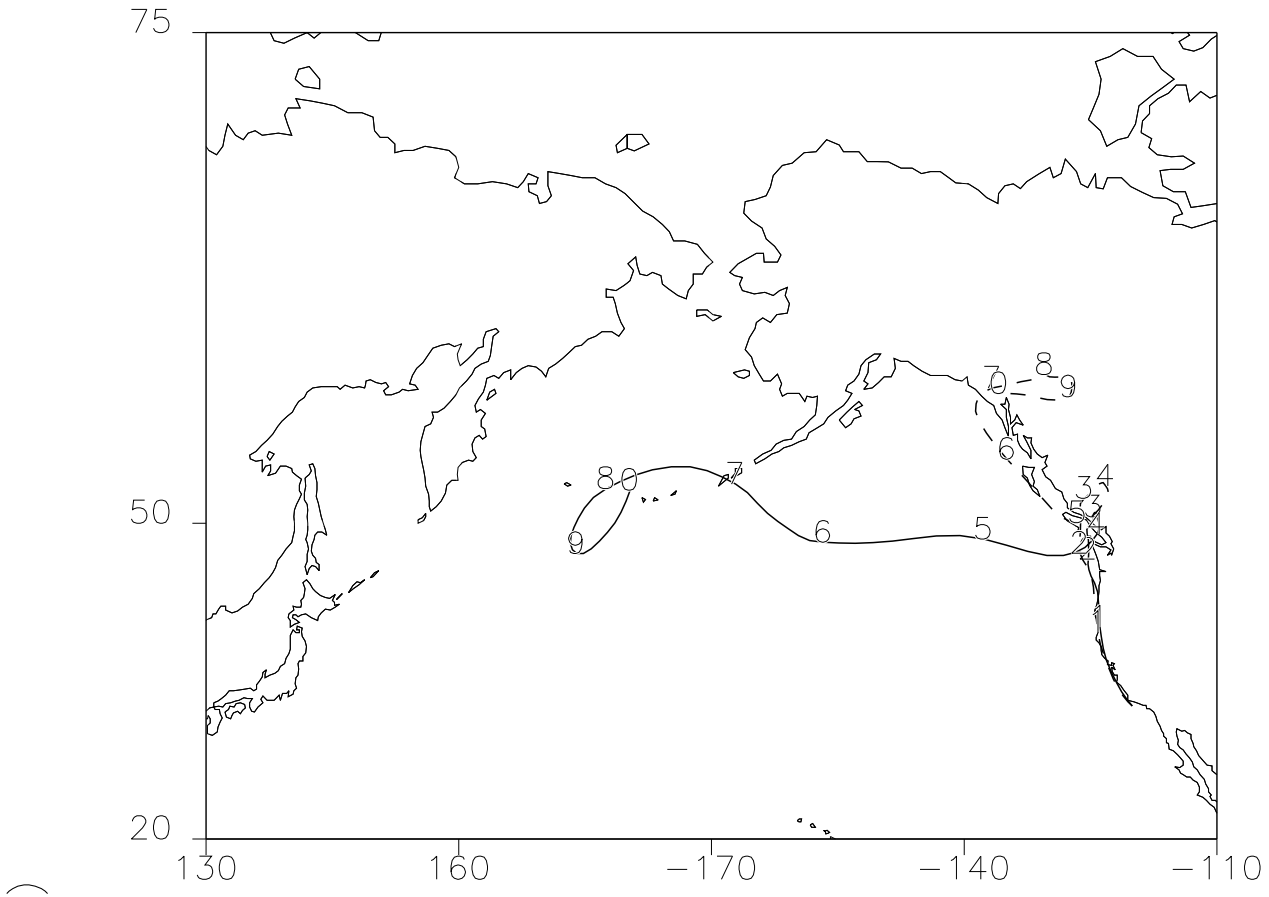
06UT

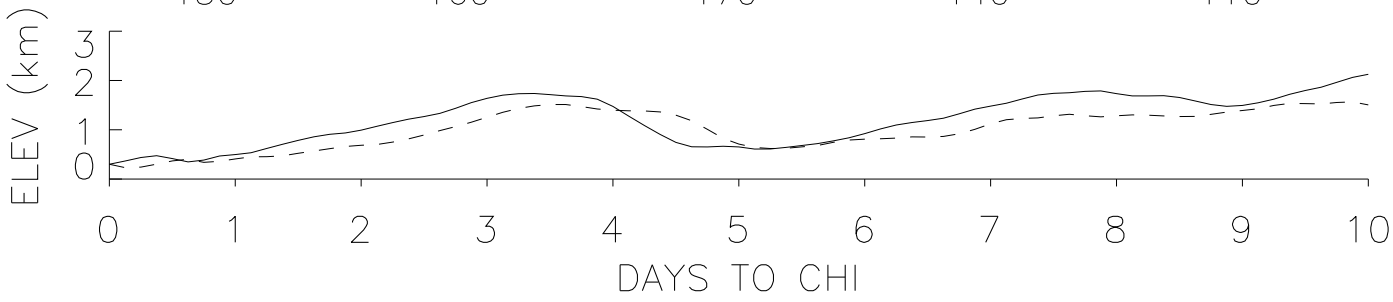
Day	km	hPa	C
0	0.3	982	12
1	0.5	971	7
2	1.0	903	2
3	1.6	826	−4
4	1.3	853	−6
5	0.6	950	1
6	1.0	919	−2
7	1.4	862	−5
8	1.8	820	−6
9	2.6	738	−9
10	3.4	658	−16



00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/20/2002 (Day of Year 110)
NCEP/NCAR Reanalysis 1 Data Set





12UT

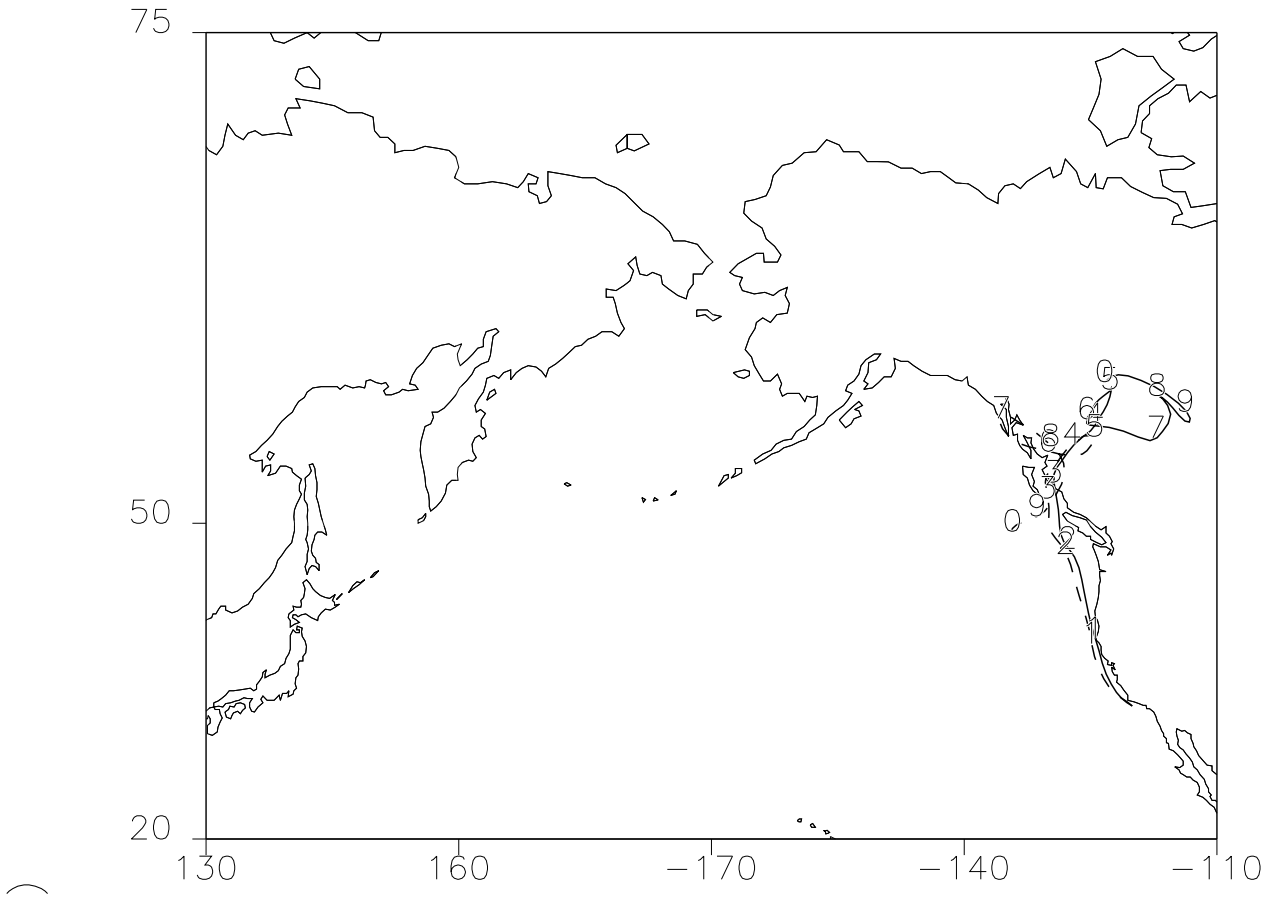
Day	km	hPa	C
0	0.3	981	12
1	0.5	967	6
2	1.0	909	2
3	1.6	825	−4
4	1.5	835	−5
5	0.7	939	1
6	0.9	921	1
7	1.5	853	−7
8	1.7	825	−8
9	1.5	853	1
10	2.1	783	−8

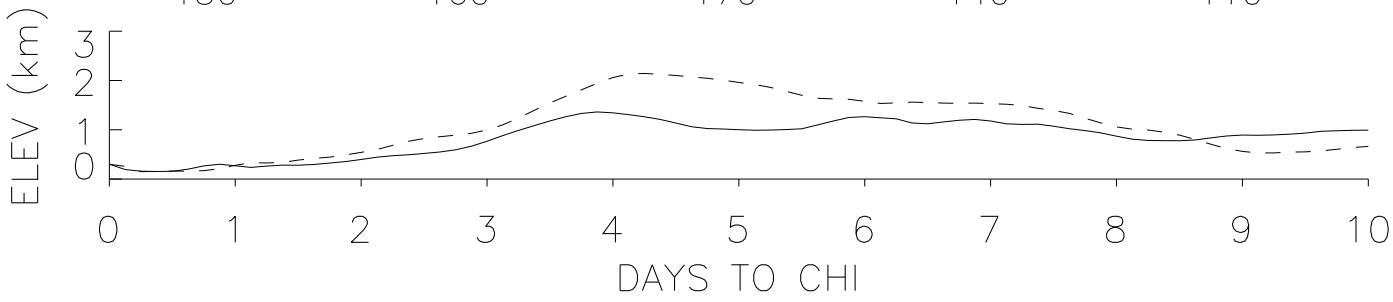
18UT

Day	km	hPa	C
0	0.3	983	14
1	0.4	978	9
2	0.7	949	6
3	1.3	871	−1
4	1.4	846	−3
5	0.7	922	0
6	0.8	905	−1
7	1.1	869	−8
8	1.3	856	−9
9	1.4	848	−10
10	1.5	829	−11

12UT – solid
18UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/21/2002 (Day of Year 111)
NCEP/NCAR Reanalysis 1 Data Set





00UT

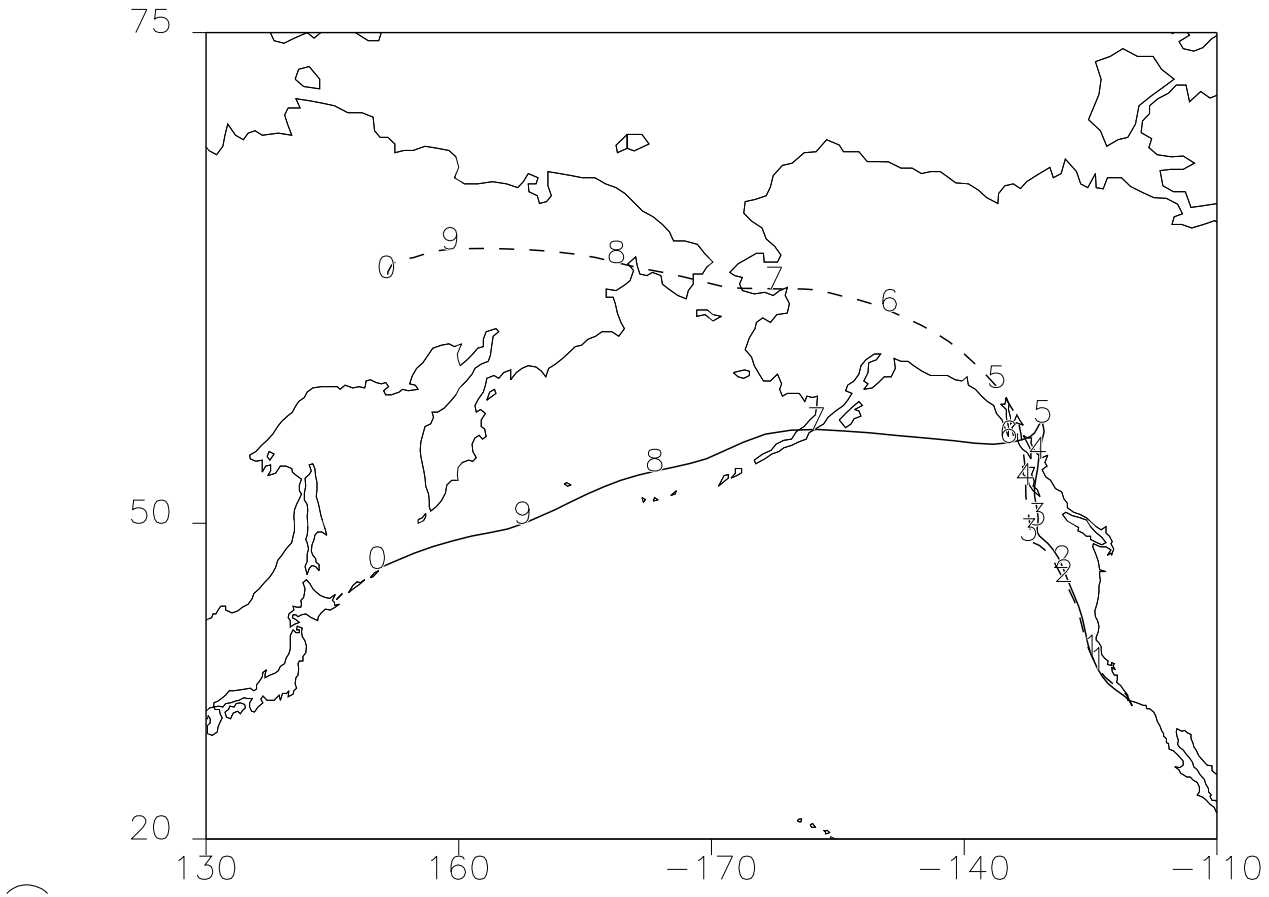
Day	km	hPa	C
0	0.3	981	14
1	0.3	991	12
2	0.4	985	7
3	0.8	931	3
4	1.3	855	−4
5	1.0	883	−2
6	1.3	855	−2
7	1.2	869	0
8	0.9	903	−2
9	0.9	905	−1
10	1.0	886	0

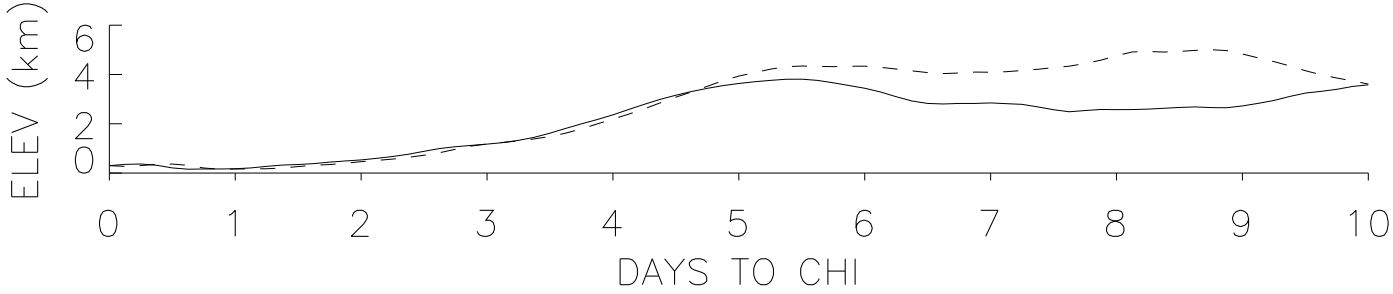
06UT

Day	km	hPa	C
0	0.3	982	12
1	0.3	989	9
2	0.5	968	5
3	1.0	908	1
4	2.1	782	−9
5	2.0	782	−9
6	1.6	823	−8
7	1.5	820	−3
8	1.1	877	0
9	0.6	942	3
10	0.7	929	6

00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/21/2002 (Day of Year 111)
NCEP/NCAR Reanalysis 1 Data Set





12UT

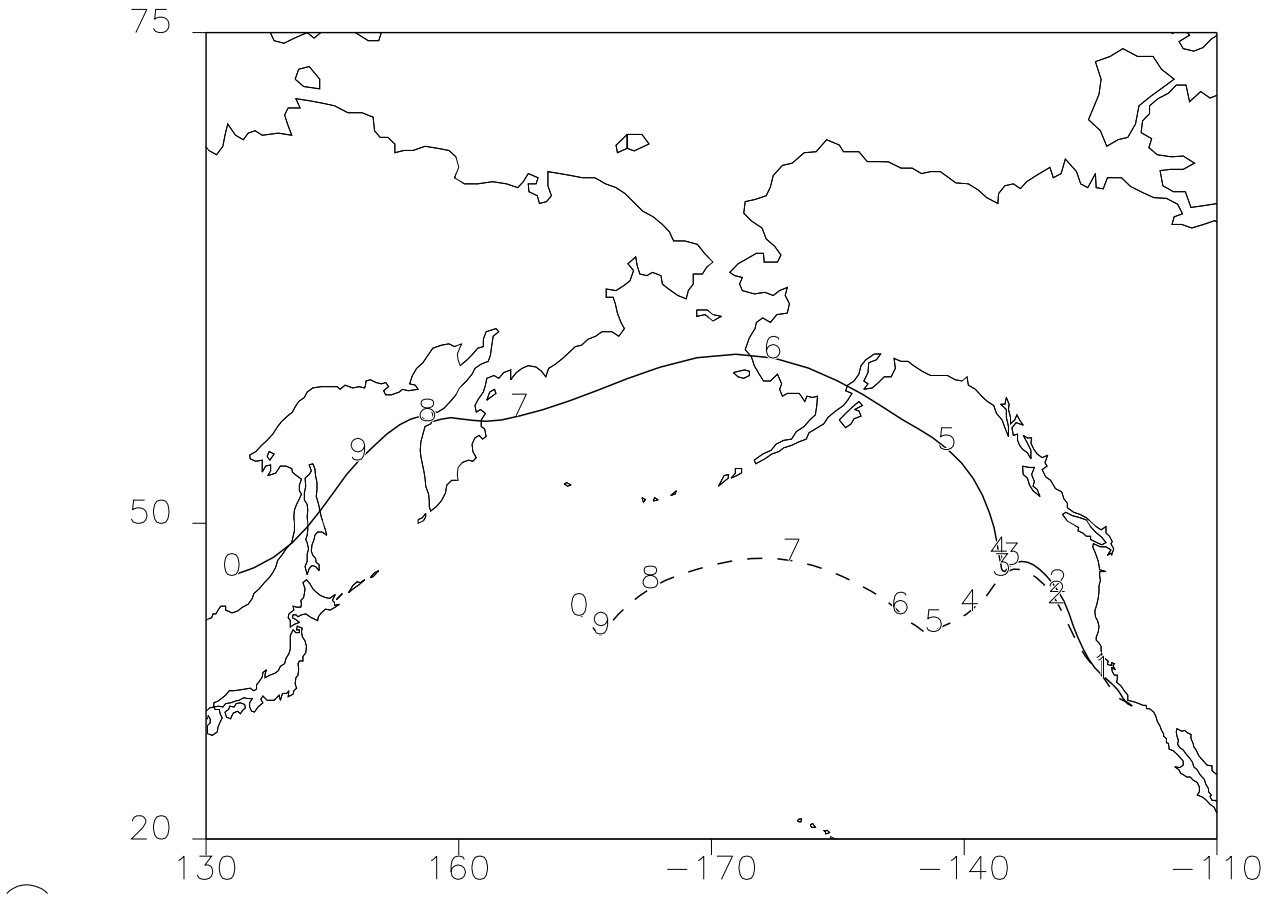
Day	km	hPa	C
0	0.3	981	10
1	0.2	1000	10
2	0.5	968	4
3	1.2	892	1
4	2.4	755	−10
5	3.6	629	−22
6	3.4	642	−19
7	2.8	705	−13
8	2.6	741	−10
9	2.7	725	−11
10	3.6	644	−20

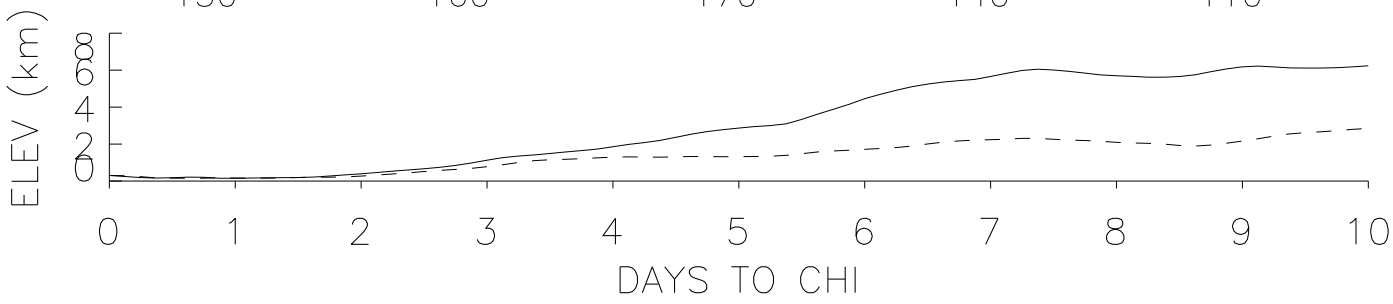
18UT

Day	km	hPa	C
0	0.3	982	14
1	0.2	1000	12
2	0.5	978	5
3	1.2	894	1
4	2.2	777	−6
5	3.9	606	−24
6	4.3	566	−30
7	4.1	581	−29
8	4.8	529	−35
9	4.8	524	−32
10	3.6	626	−21

12UT – solid
18UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/22/2002 (Day of Year 112)
NCEP/NCAR Reanalysis 1 Data Set





00UT

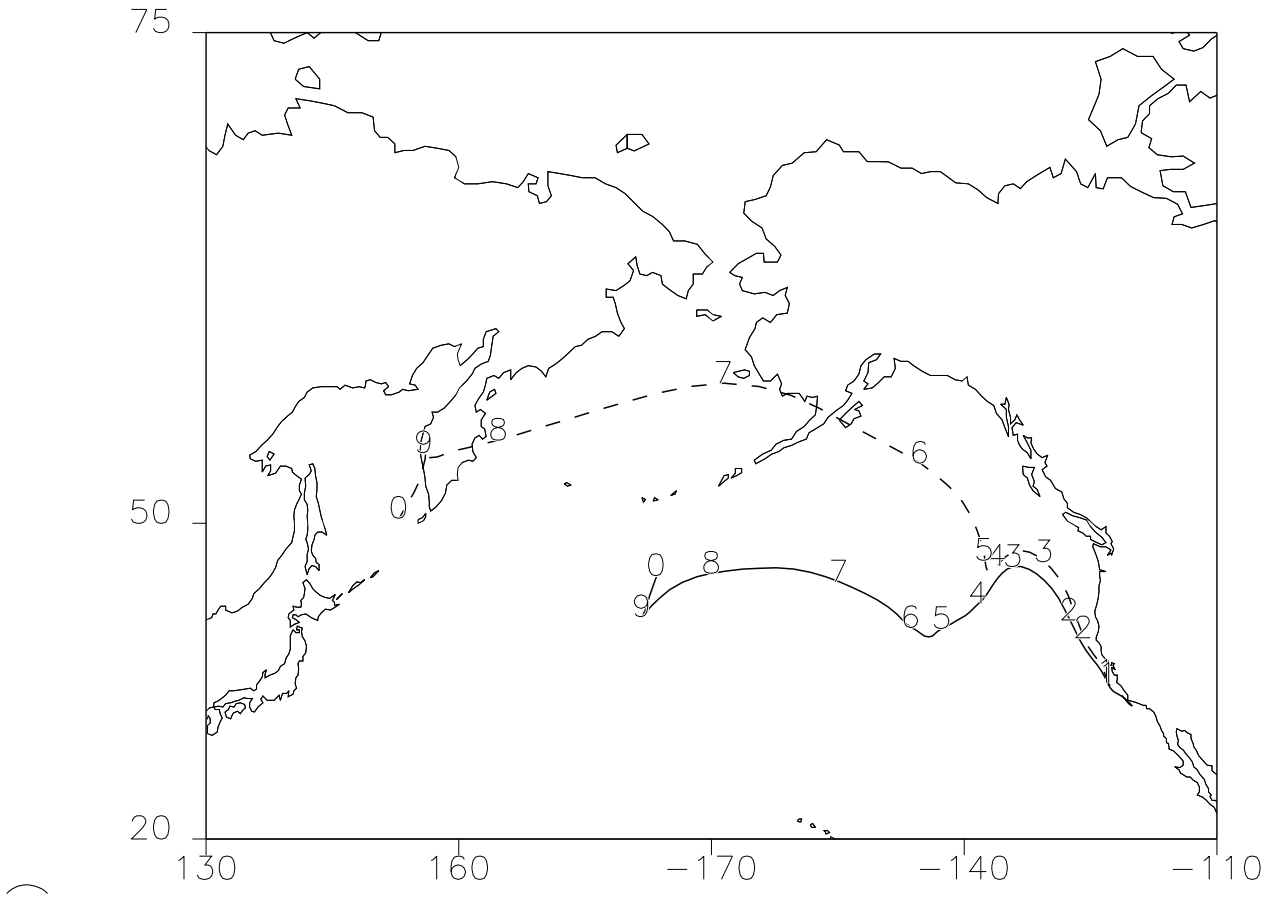
Day	km	hPa	C
0	0.3	980	15
1	0.2	1000	12
2	0.4	984	5
3	1.1	902	2
4	1.9	817	−1
5	2.9	710	−10
6	4.5	566	−27
7	5.7	476	−36
8	5.7	469	−37
9	6.2	438	−41
10	6.2	437	−41

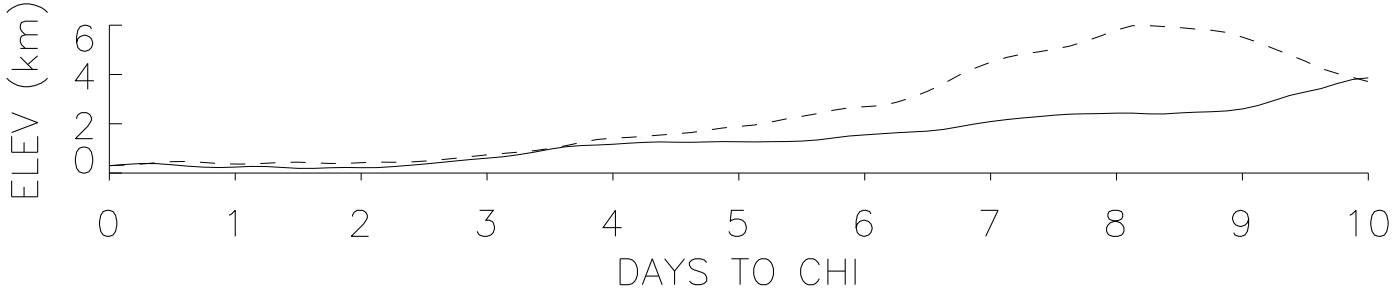
06UT

Day	km	hPa	C
0	0.3	982	13
1	0.2	999	11
2	0.3	997	7
3	0.8	943	4
4	1.3	880	3
5	1.3	874	4
6	1.7	834	7
7	2.2	785	3
8	2.1	799	3
9	2.2	791	4
10	2.9	721	−2

00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/22/2002 (Day of Year 112)
NCEP/NCAR Reanalysis 1 Data Set





12UT

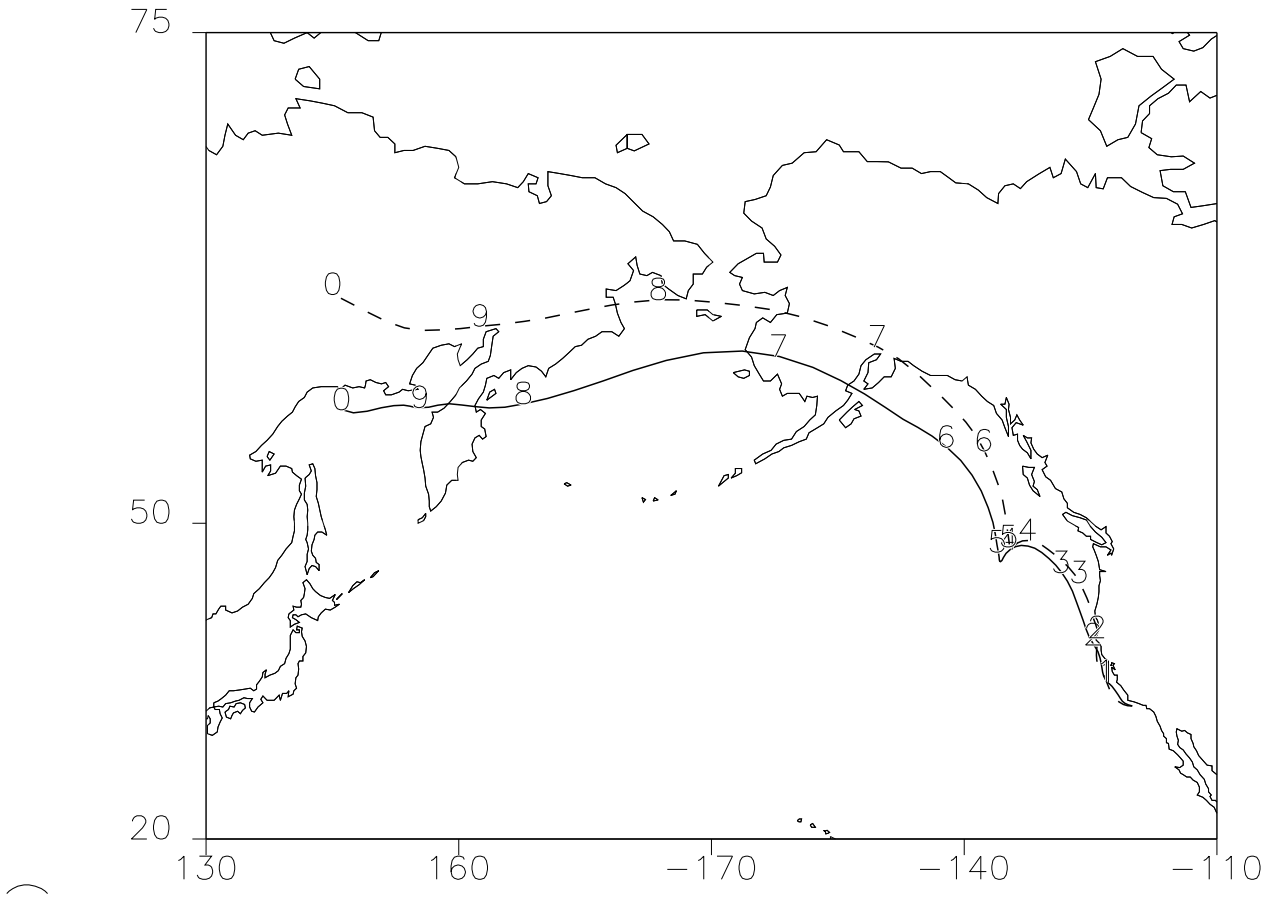
Day	km	hPa	C
0	0.3	981	12
1	0.2	988	10
2	0.2	998	8
3	0.6	964	4
4	1.2	894	4
5	1.3	879	3
6	1.5	850	6
7	2.1	800	5
8	2.4	768	1
9	2.6	750	1
10	3.9	628	−14

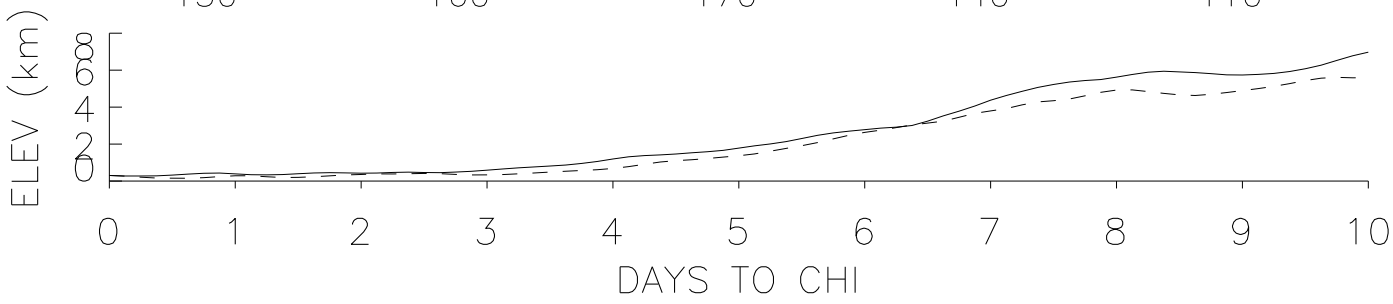
18UT

Day	km	hPa	C
0	0.3	982	18
1	0.4	975	12
2	0.4	971	8
3	0.7	946	3
4	1.4	869	3
5	1.9	813	0
6	2.7	727	−8
7	4.5	567	−26
8	5.8	466	−38
9	5.5	480	−35
10	3.7	629	−19

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/23/2002 (Day of Year 113)
NCEP/NCAR Reanalysis 1 Data Set





00UT

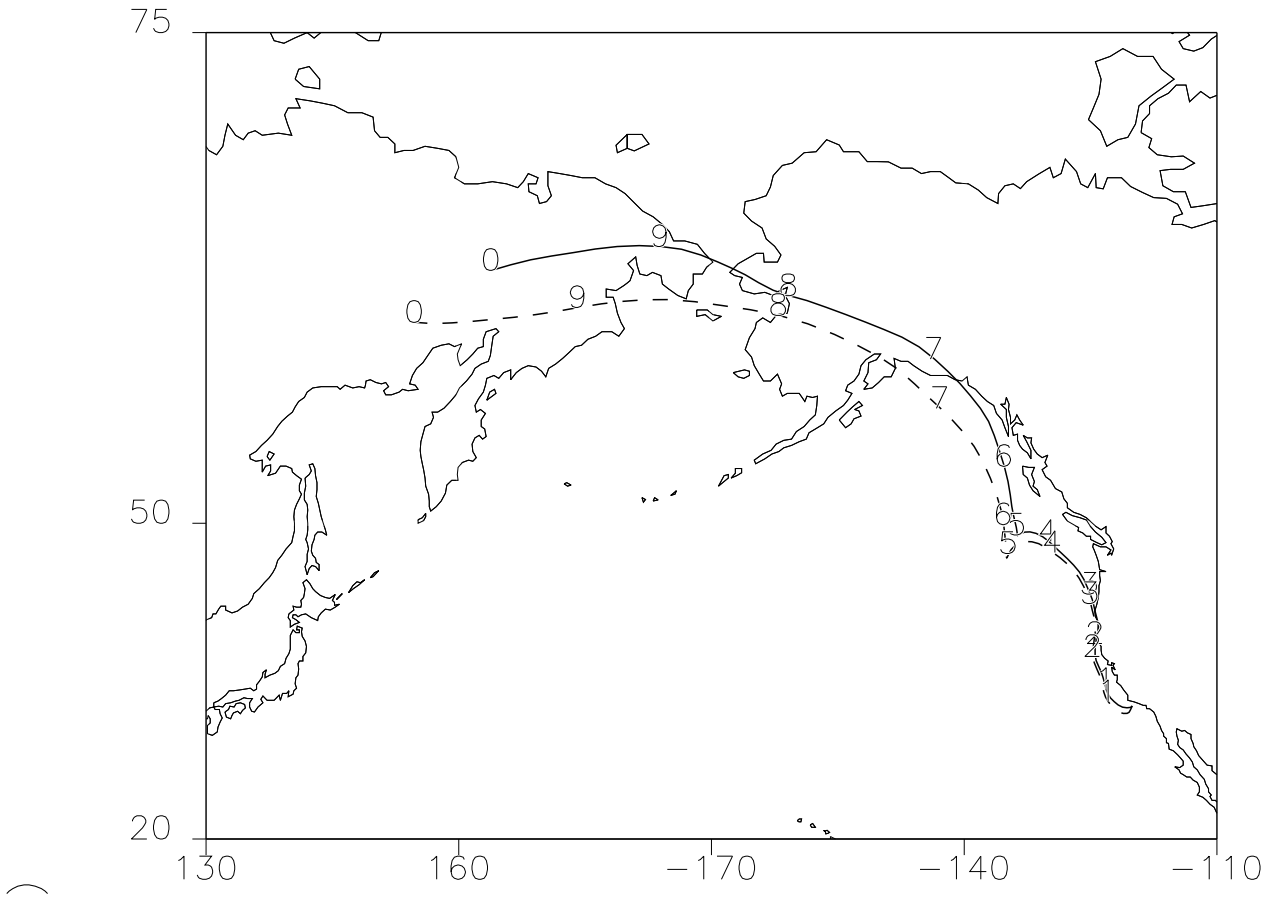
Day	km	hPa	C
0	0.3	980	19
1	0.4	971	13
2	0.4	968	10
3	0.6	960	4
4	1.2	894	2
5	1.8	825	0
6	2.8	718	−9
7	4.4	573	−26
8	5.6	478	−36
9	5.7	466	−37
10	7.0	387	−46

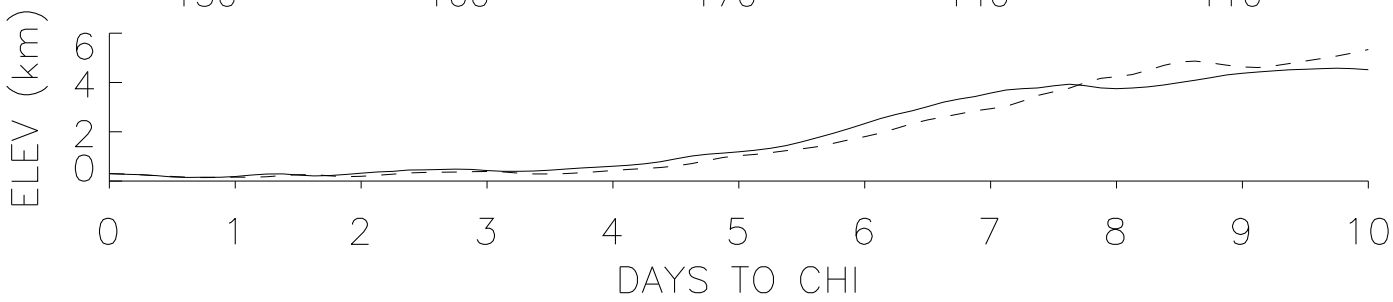
06UT

Day	km	hPa	C
0	0.3	982	14
1	0.3	985	12
2	0.4	977	9
3	0.3	986	6
4	0.7	953	3
5	1.4	869	1
6	2.6	731	−9
7	3.8	617	−24
8	4.9	522	−35
9	4.9	522	−33
10	5.6	472	−37

00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/23/2002 (Day of Year 113)
NCEP/NCAR Reanalysis 1 Data Set





12UT

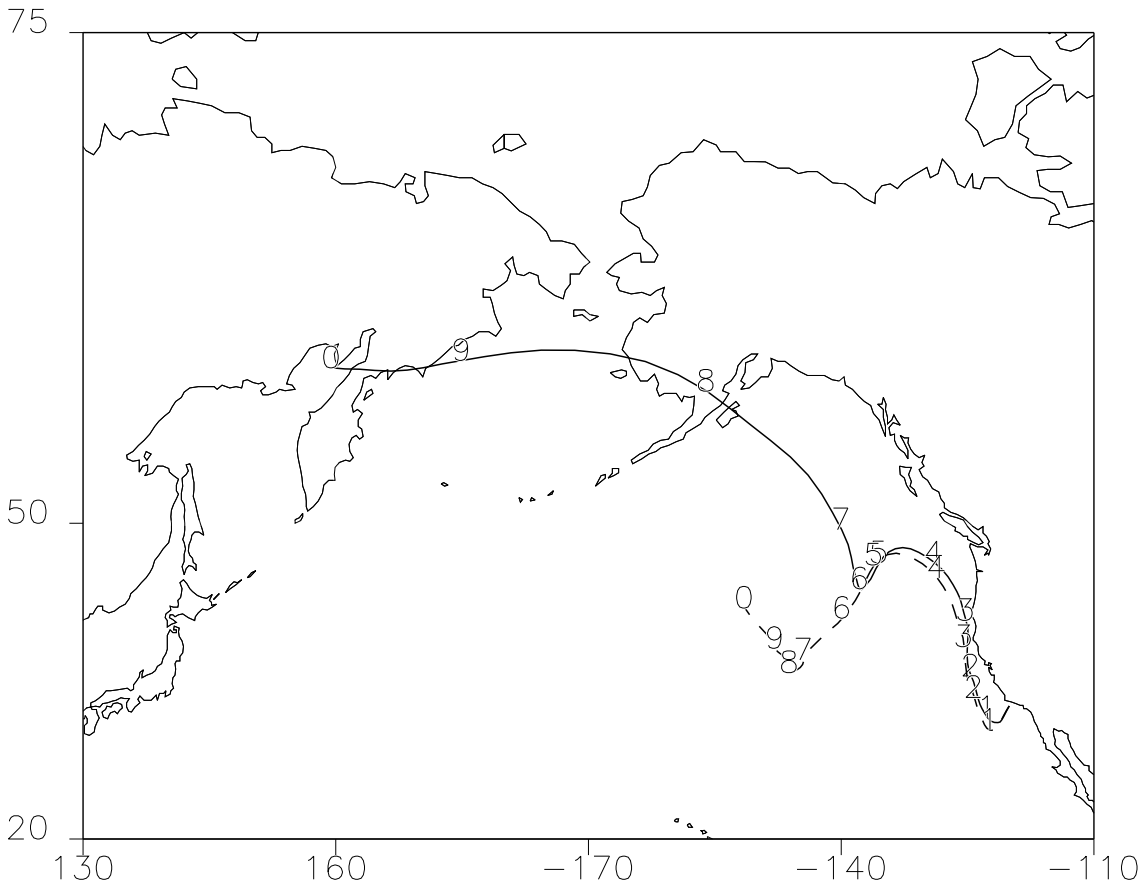
Day	km	hPa	C
0	0.3	981	11
1	0.2	996	12
2	0.3	981	8
3	0.4	970	6
4	0.6	961	3
5	1.2	891	0
6	2.3	761	−8
7	3.6	637	−23
8	3.7	613	−27
9	4.4	558	−33
10	4.5	549	−32

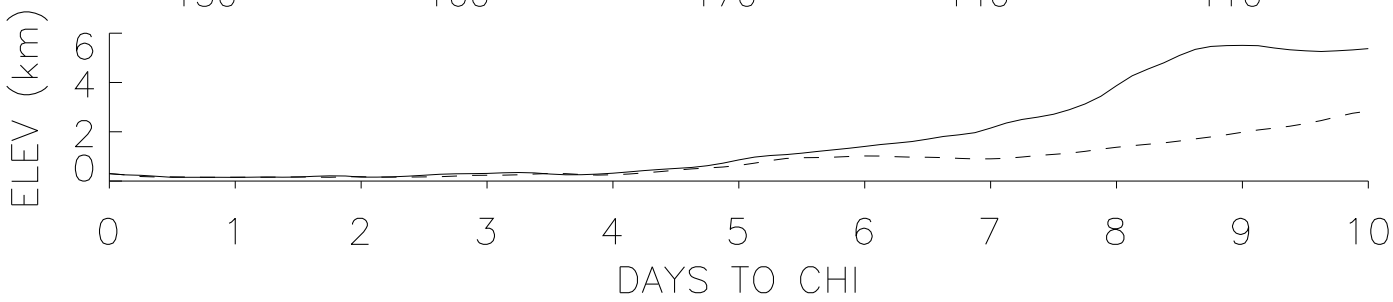
18UT

Day	km	hPa	C
0	0.3	983	16
1	0.2	1000	14
2	0.2	996	12
3	0.4	975	7
4	0.4	981	4
5	1.0	911	1
6	1.8	819	−2
7	2.9	699	−13
8	4.2	577	−29
9	4.6	542	−33
10	5.3	489	−36

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/24/2002 (Day of Year 114)
NCEP/NCAR Reanalysis 1 Data Set





00UT

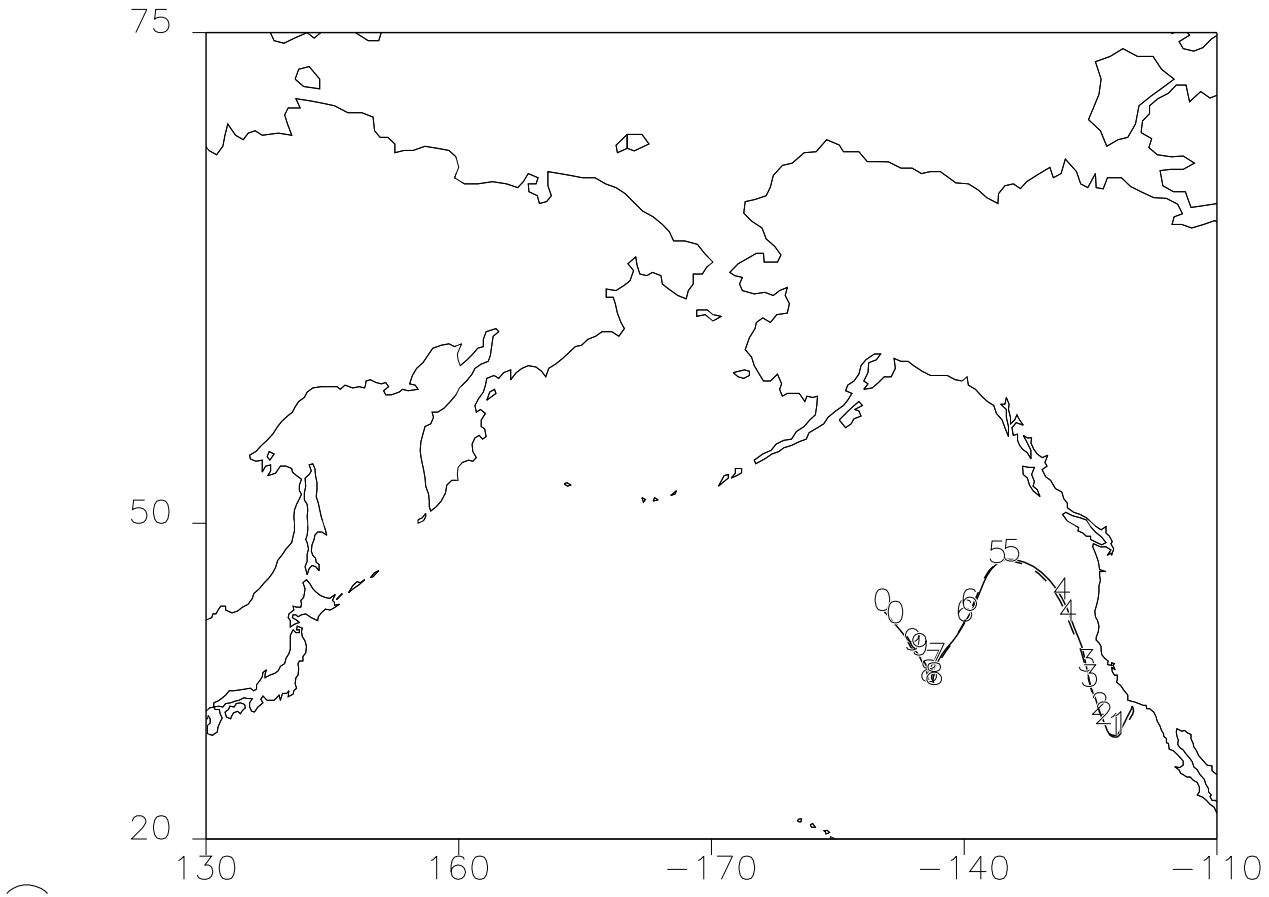
Day	km	hPa	C
0	0.3	982	16
1	0.2	1000	11
2	0.2	999	13
3	0.3	983	10
4	0.3	992	6
5	0.9	932	3
6	1.4	865	2
7	2.1	783	−4
8	3.9	615	−21
9	5.5	483	−37
10	5.4	490	−35

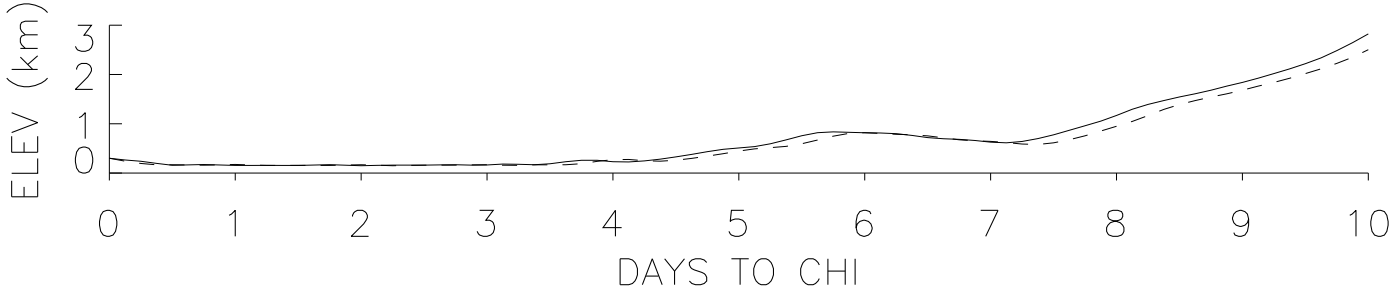
06UT

Day	km	hPa	C
0	0.3	984	12
1	0.2	1000	11
2	0.2	998	11
3	0.2	991	9
4	0.3	998	6
5	0.6	959	5
6	1.0	910	3
7	0.9	922	5
8	1.4	873	7
9	2.0	814	4
10	2.8	725	−5

00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/24/2002 (Day of Year 114)
NCEP/NCAR Reanalysis 1 Data Set





12UT

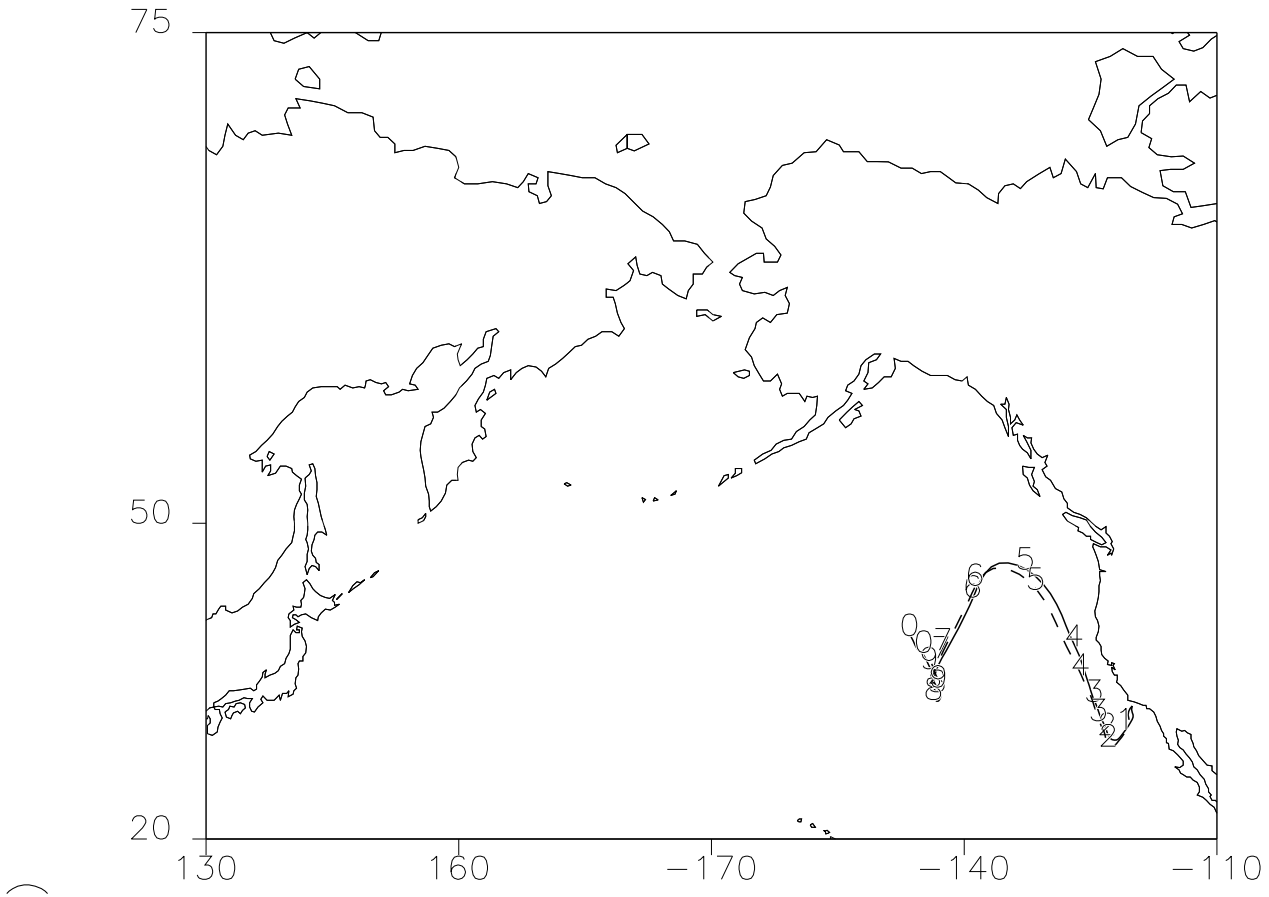
Day	km	hPa	C
0	0.3	984	11
1	0.2	1000	11
2	0.1	1000	12
3	0.2	998	10
4	0.2	997	7
5	0.5	974	6
6	0.8	933	6
7	0.6	953	7
8	1.2	893	5
9	1.8	825	6
10	2.8	728	−3

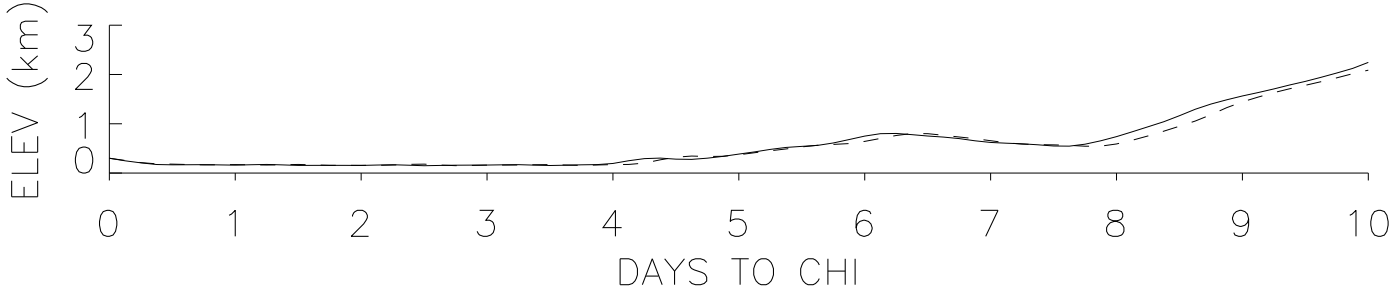
18UT

Day	km	hPa	C
0	0.3	985	15
1	0.2	1000	12
2	0.2	1000	11
3	0.2	1000	11
4	0.3	991	7
5	0.4	981	6
6	0.8	936	6
7	0.6	952	7
8	0.9	917	3
9	1.7	841	7
10	2.5	760	1

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/25/2002 (Day of Year 115)
NCEP/NCAR Reanalysis 1 Data Set





00UT

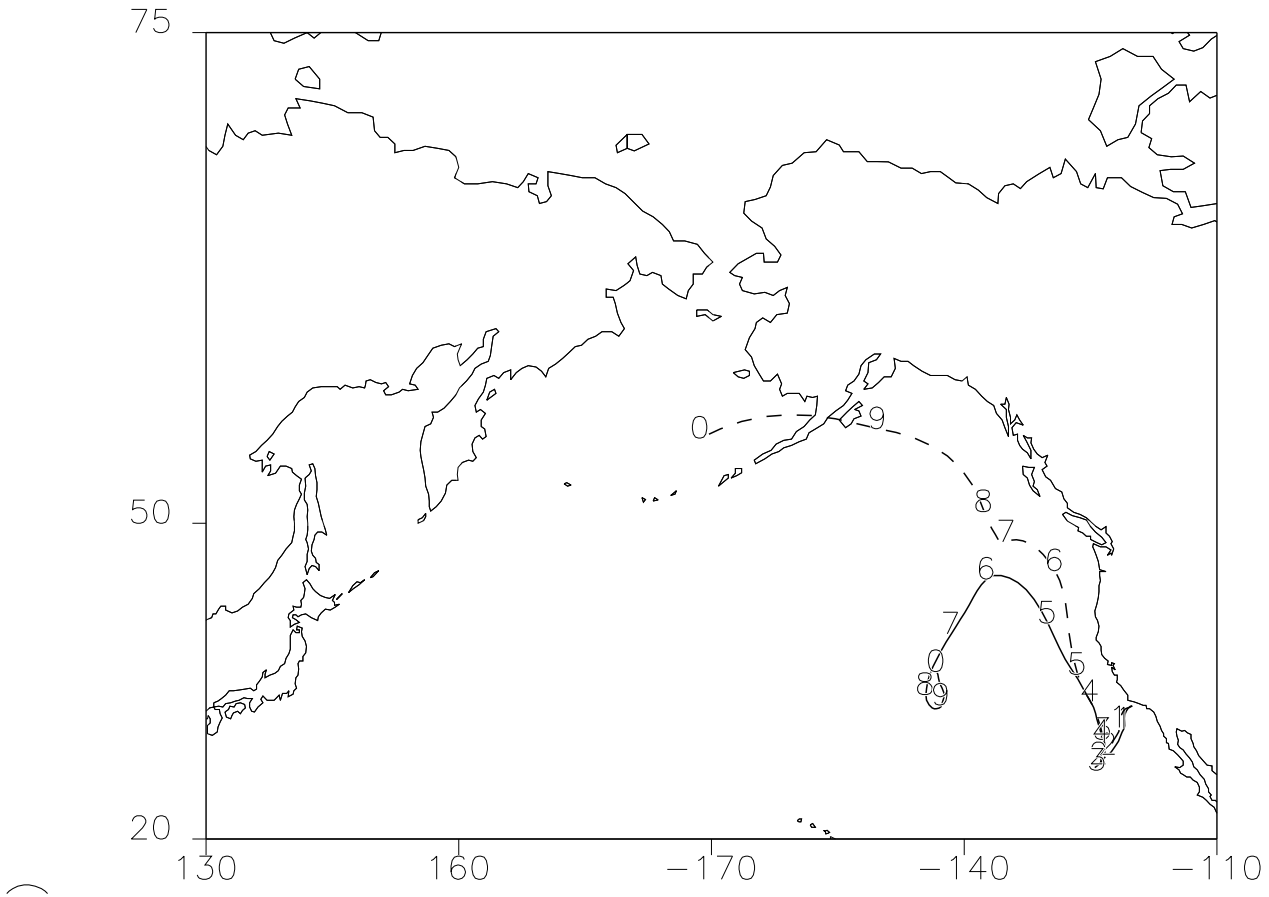
Day	km	hPa	C
0	0.3	983	15
1	0.2	1000	11
2	0.2	1000	10
3	0.2	1000	10
4	0.2	998	10
5	0.4	987	6
6	0.7	944	7
7	0.6	953	9
8	0.7	941	6
9	1.6	852	6
10	2.2	786	3

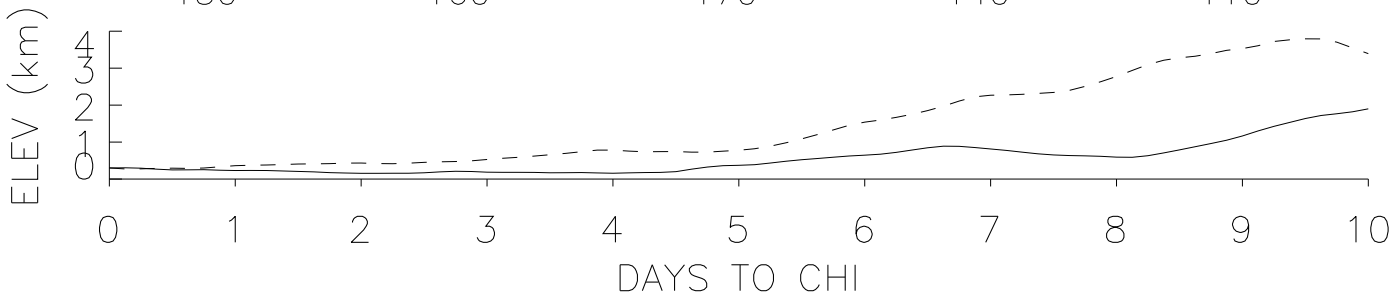
06UT

Day	km	hPa	C
0	0.3	984	13
1	0.2	1000	11
2	0.2	1000	11
3	0.2	1000	11
4	0.2	1000	11
5	0.4	986	7
6	0.6	958	8
7	0.7	950	9
8	0.6	958	9
9	1.4	865	6
10	2.1	802	4

00UT – solid
06UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/25/2002 (Day of Year 115)
NCEP/NCAR Reanalysis 1 Data Set





12UT

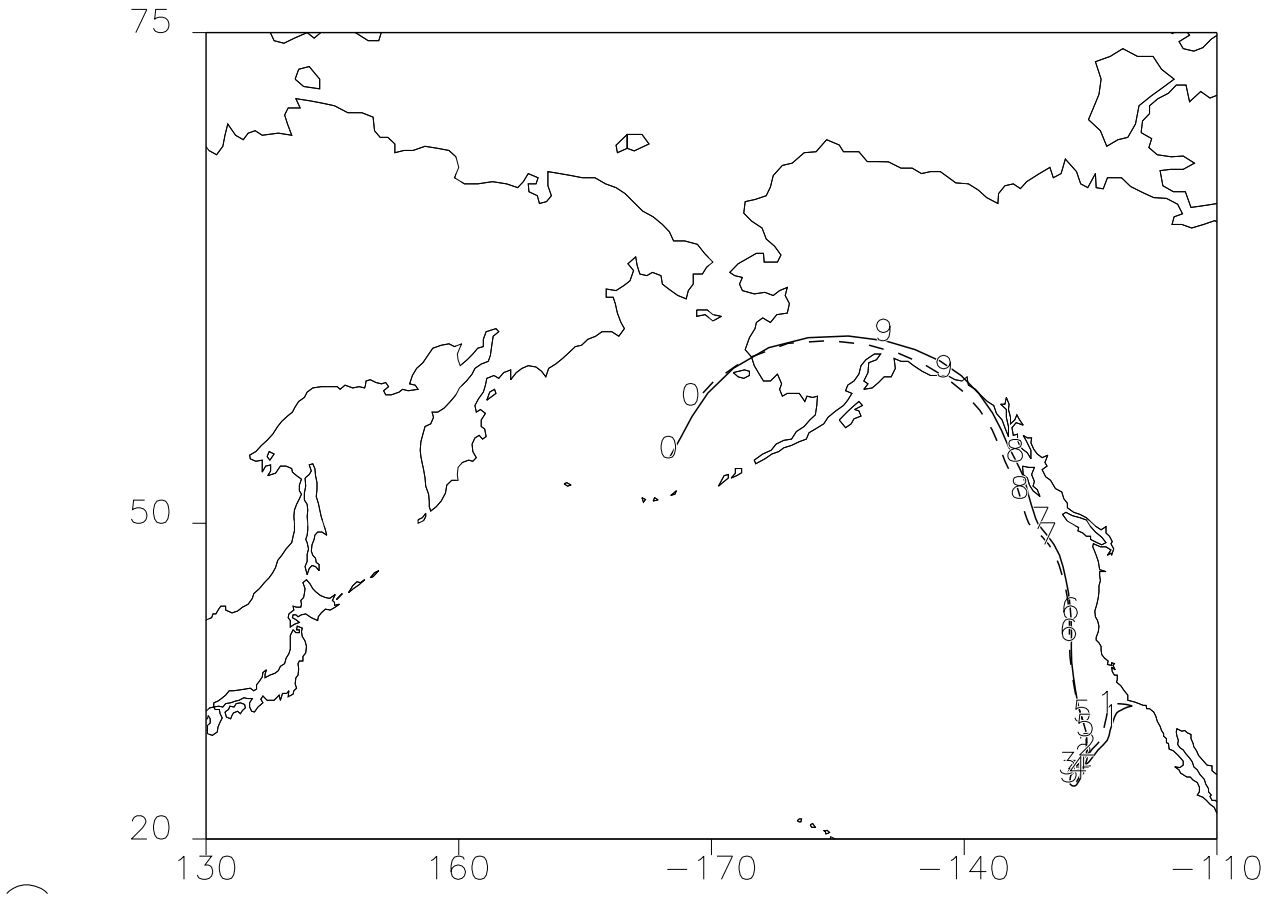
Day	km	hPa	C
0	0.3	982	12
1	0.2	992	11
2	0.2	1000	12
3	0.2	996	12
4	0.2	1000	11
5	0.4	982	7
6	0.6	959	7
7	0.8	932	8
8	0.6	957	9
9	1.2	893	5
10	1.9	818	7

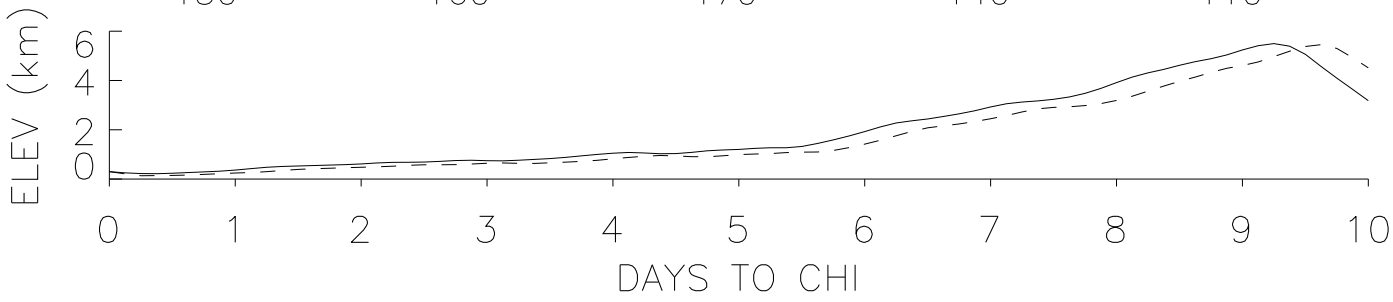
18UT

Day	km	hPa	C
0	0.3	981	15
1	0.4	978	11
2	0.4	969	11
3	0.5	957	9
4	0.8	929	5
5	0.8	932	6
6	1.5	856	3
7	2.3	781	0
8	2.8	725	−4
9	3.5	651	−11
10	3.4	664	−13

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/26/2002 (Day of Year 116)
NCEP/NCAR Reanalysis 1 Data Set





00UT

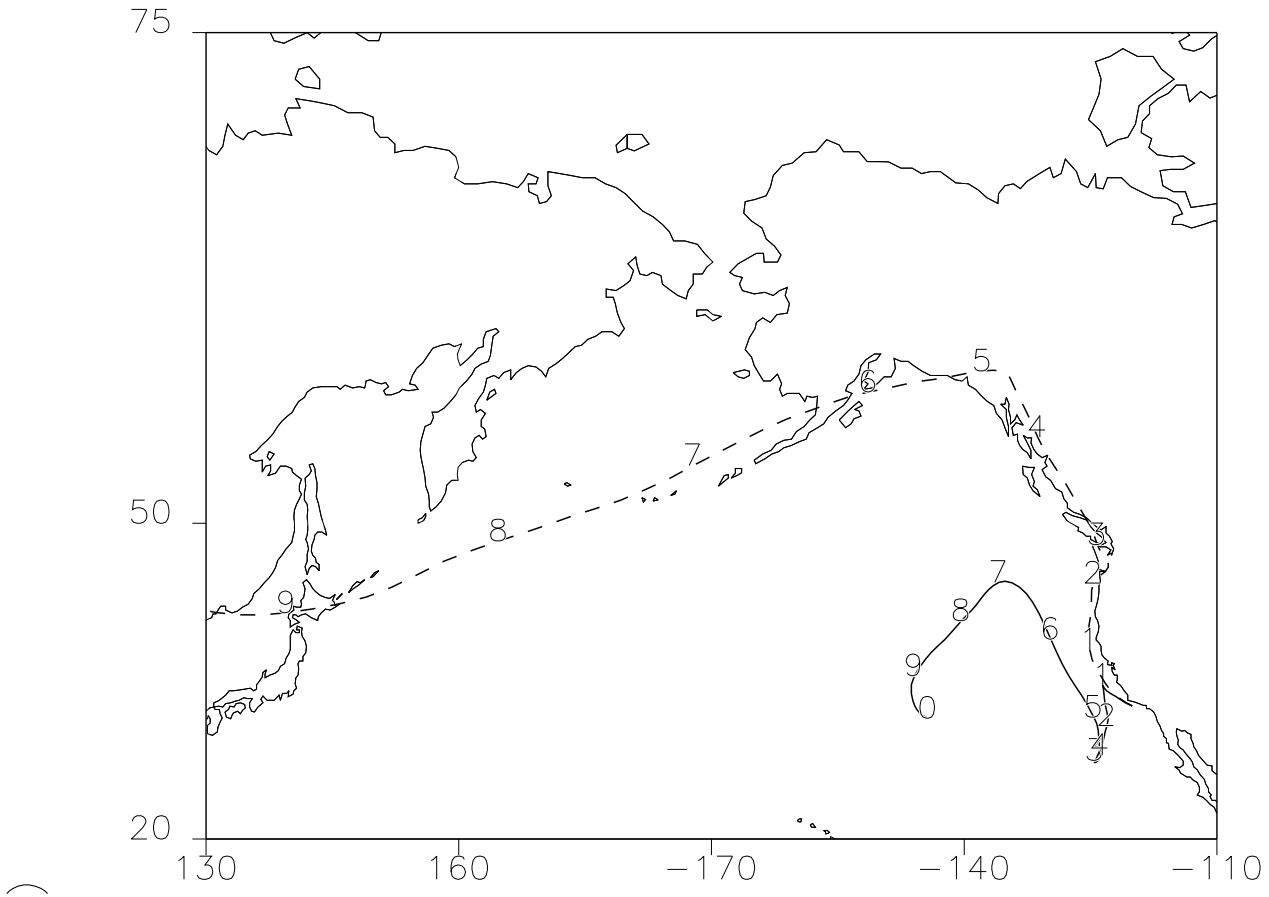
Day	km	hPa	C
0	0.3	979	14
1	0.4	976	9
2	0.6	946	11
3	0.7	931	9
4	1.0	898	8
5	1.2	884	5
6	1.9	813	3
7	2.9	719	−3
8	3.9	625	−11
9	5.2	512	−25
10	3.2	677	−8

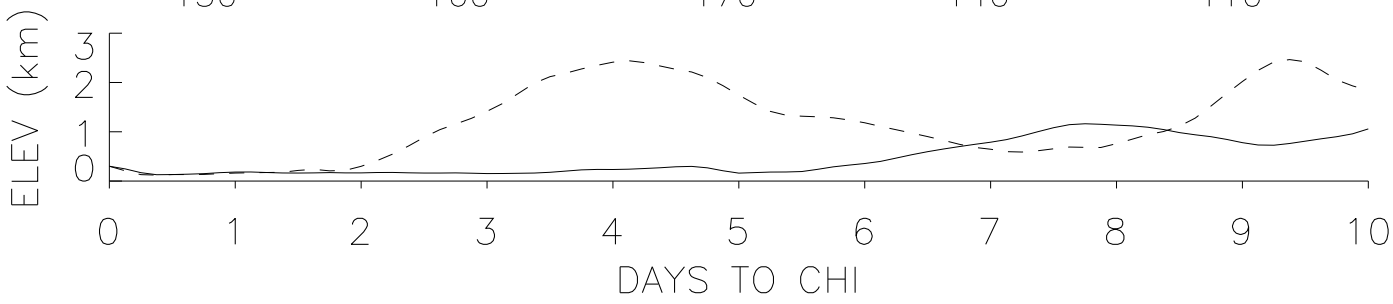
06UT

Day	km	hPa	C
0	0.3	979	13
1	0.2	991	11
2	0.5	962	11
3	0.6	943	9
4	0.8	923	8
5	1.0	908	6
6	1.4	864	5
7	2.4	765	−1
8	3.2	690	−6
9	4.6	562	−19
10	4.5	565	−19

00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/26/2002 (Day of Year 116)
NCEP/NCAR Reanalysis 1 Data Set





12UT

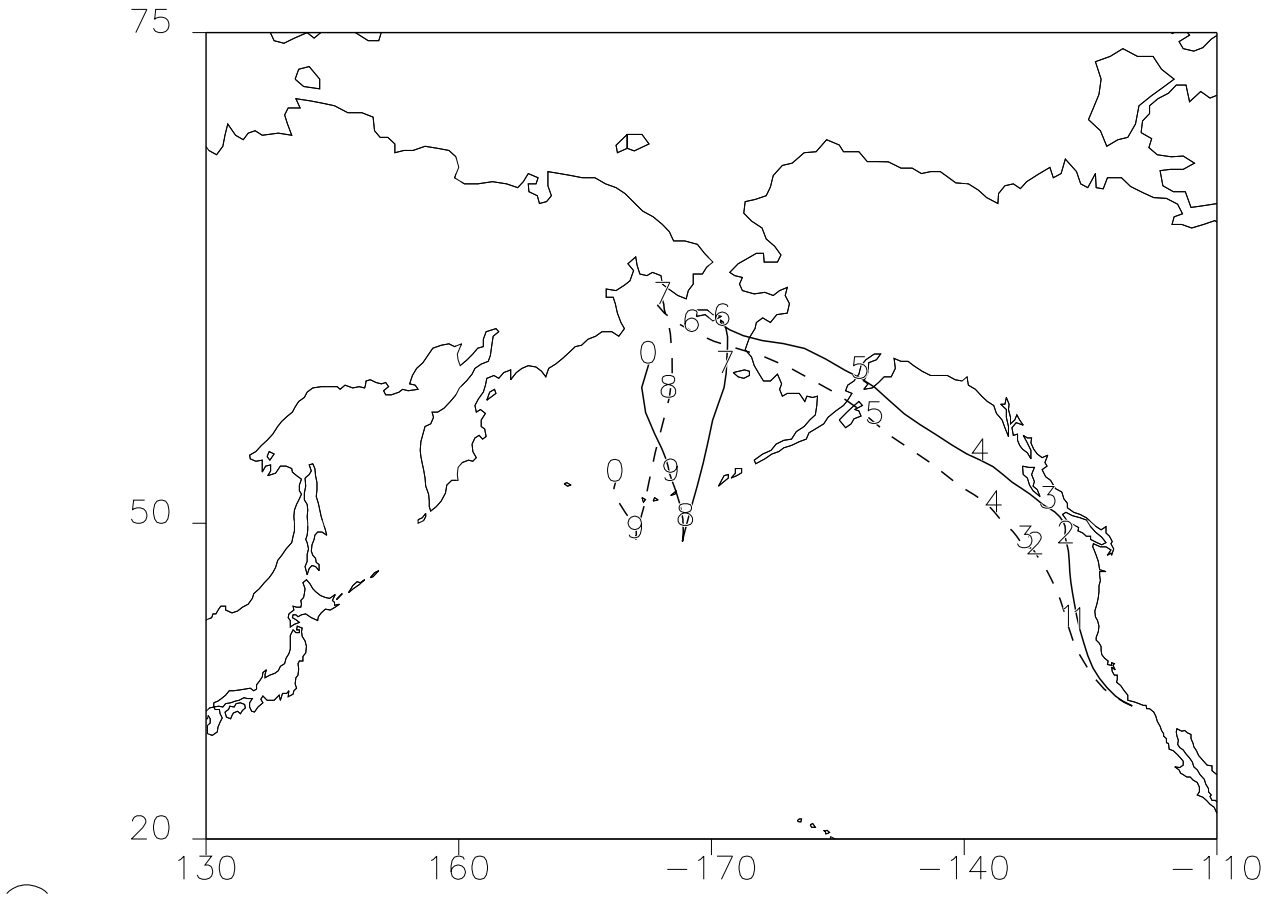
Day	km	hPa	C
0	0.3	977	11
1	0.2	996	12
2	0.2	999	11
3	0.2	1000	13
4	0.2	990	12
5	0.2	1000	10
6	0.4	984	8
7	0.8	943	5
8	1.1	897	6
9	0.8	934	8
10	1.1	905	7

18UT

Day	km	hPa	C
0	0.3	978	12
1	0.2	1000	14
2	0.3	990	9
3	1.4	864	−4
4	2.4	749	−15
5	1.7	807	−11
6	1.2	876	−5
7	0.6	930	1
8	0.8	913	2
9	2.0	776	−10
10	1.8	794	−8

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/27/2002 (Day of Year 117)
NCEP/NCAR Reanalysis 1 Data Set

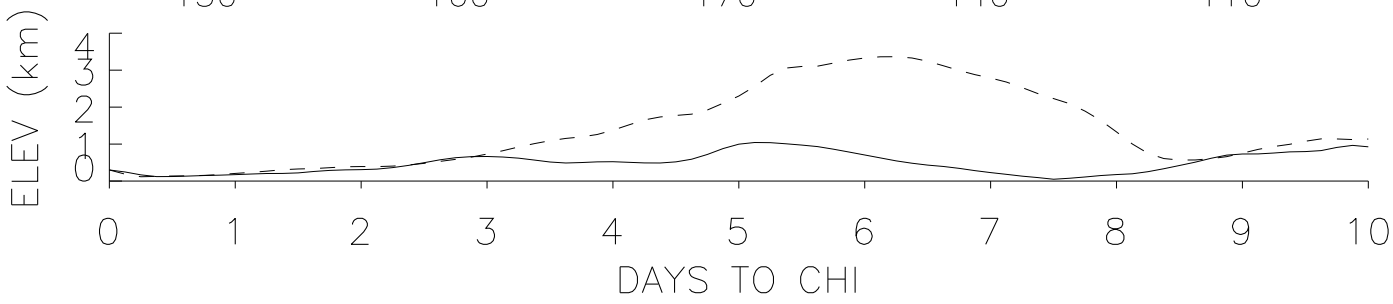


00UT

Day	km	hPa	C
0	0.3	977	11
1	0.2	1000	12
2	0.3	992	5
3	0.7	952	1
4	0.5	965	1
5	1.0	904	−7
6	0.7	920	−7
7	0.2	972	1
8	0.2	1000	1
9	0.7	929	−6
10	0.9	887	−11

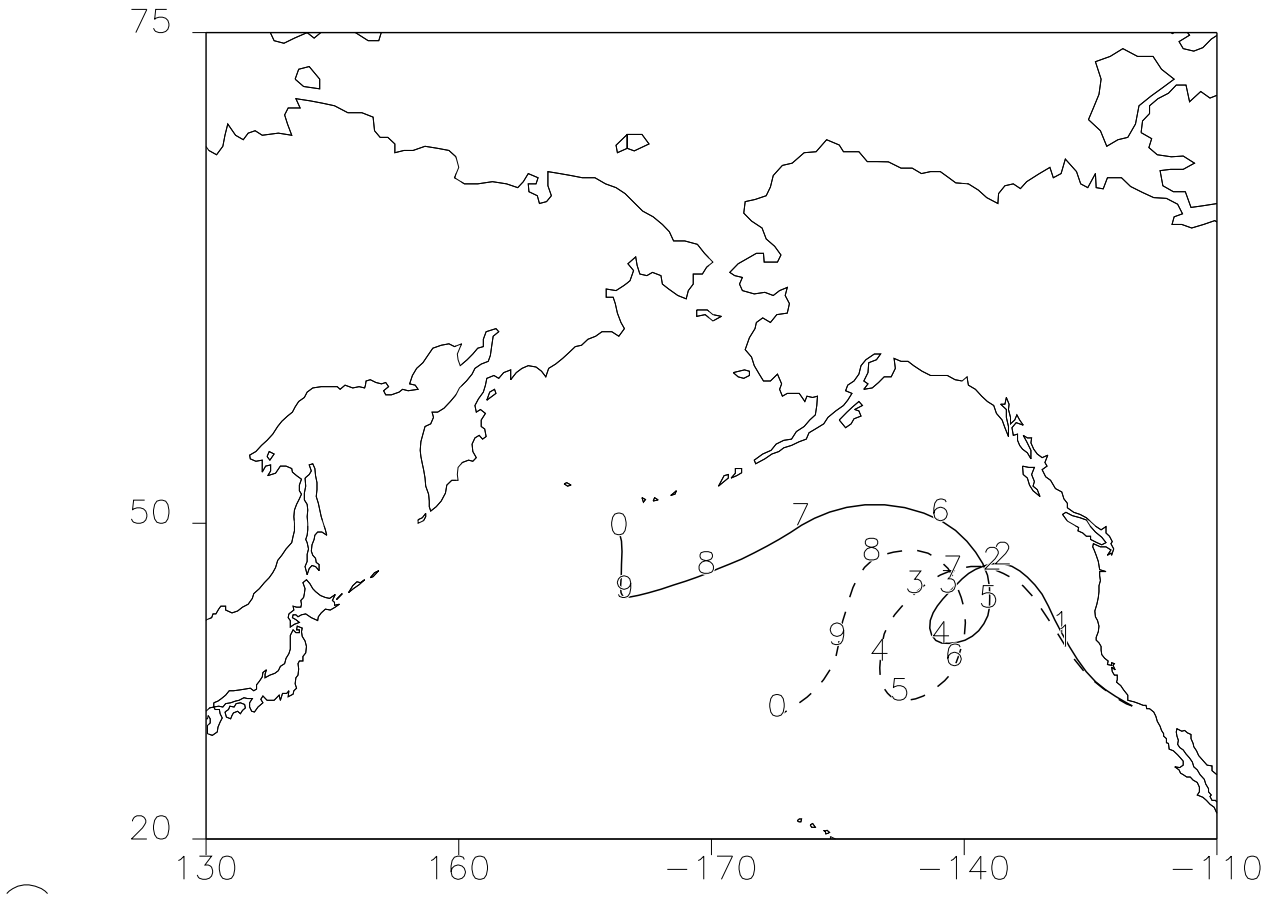
06UT

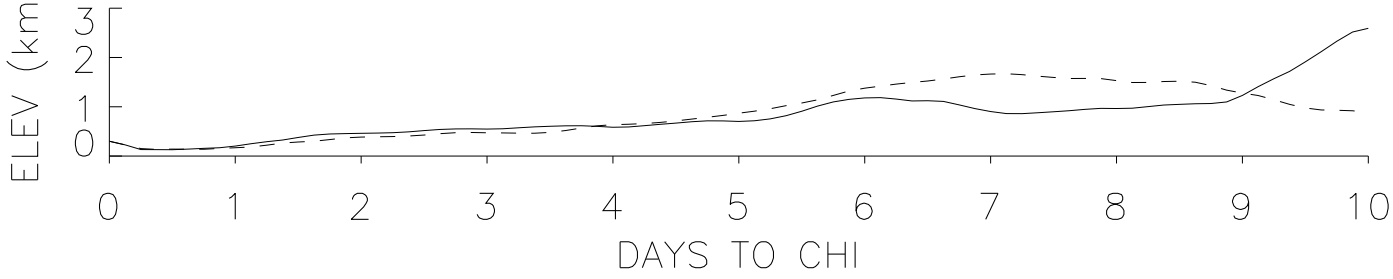
Day	km	hPa	C
0	0.3	979	11
1	0.2	998	9
2	0.4	982	5
3	0.7	946	1
4	1.4	871	−2
5	2.3	768	−11
6	3.3	658	−23
7	2.8	698	−19
8	1.3	845	−6
9	0.8	932	−2
10	1.1	879	−7



00UT − solid
06UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/27/2002 (Day of Year 117)
NCEP/NCAR Reanalysis 1 Data Set





12UT

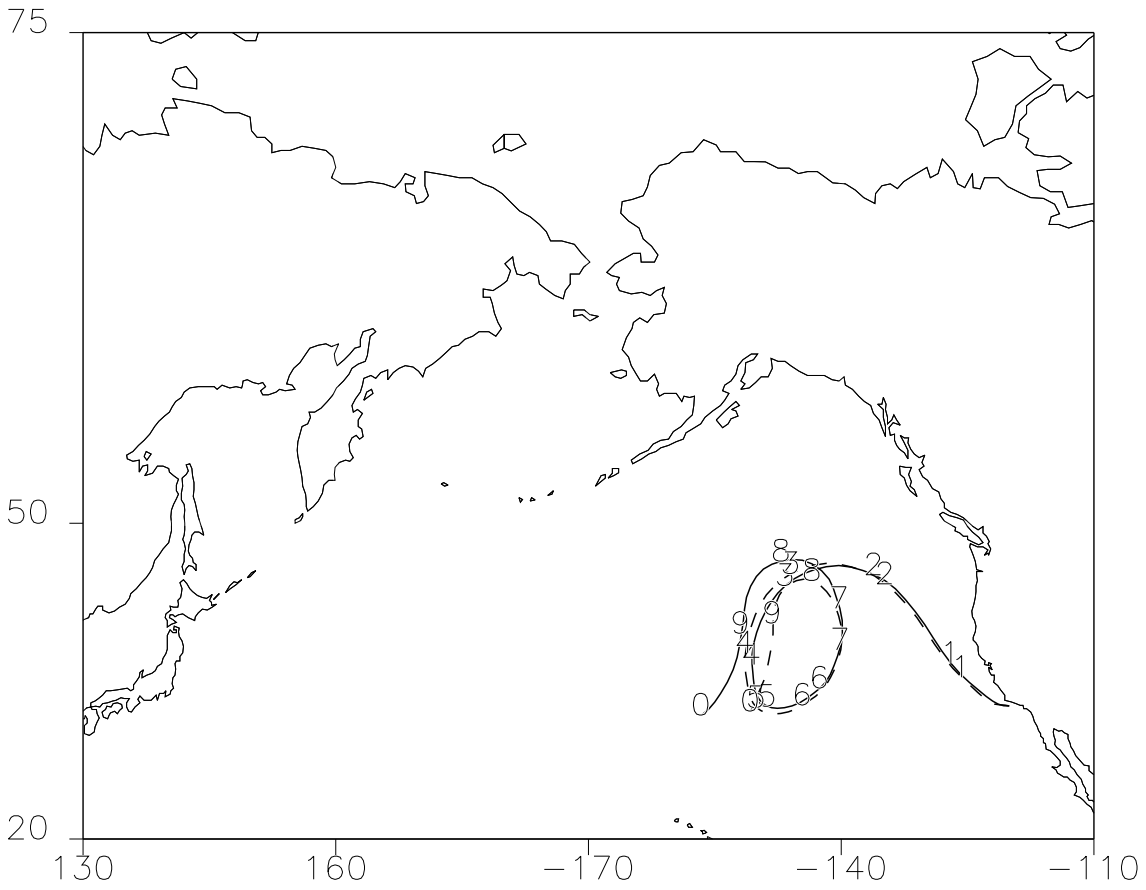
Day	km	hPa	C
0	0.3	979	10
1	0.2	997	9
2	0.5	973	7
3	0.5	964	9
4	0.6	960	8
5	0.7	946	6
6	1.2	893	6
7	0.9	924	7
8	1.0	913	6
9	1.2	882	3
10	2.6	728	−12

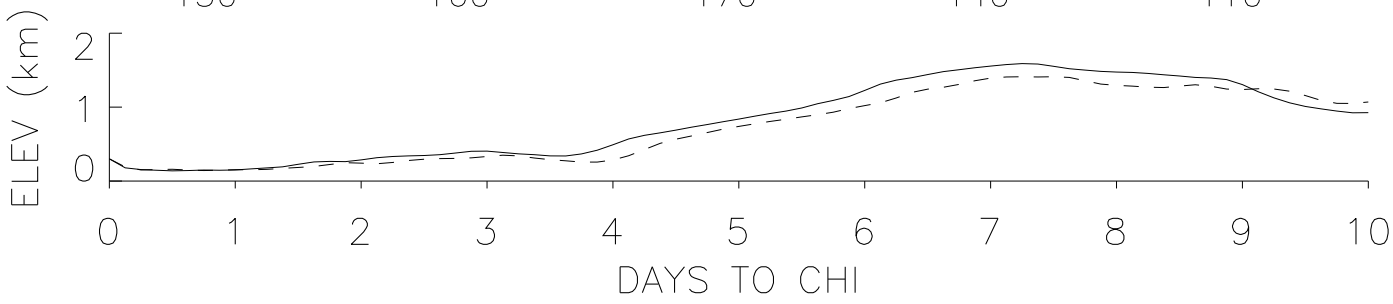
18UT

Day	km	hPa	C
0	0.3	982	11
1	0.2	1000	10
2	0.4	983	9
3	0.5	971	11
4	0.6	952	11
5	0.9	926	10
6	1.4	875	7
7	1.7	847	5
8	1.5	858	5
9	1.3	873	7
10	0.9	916	9

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/28/2002 (Day of Year 118)
NCEP/NCAR Reanalysis 1 Data Set





00UT

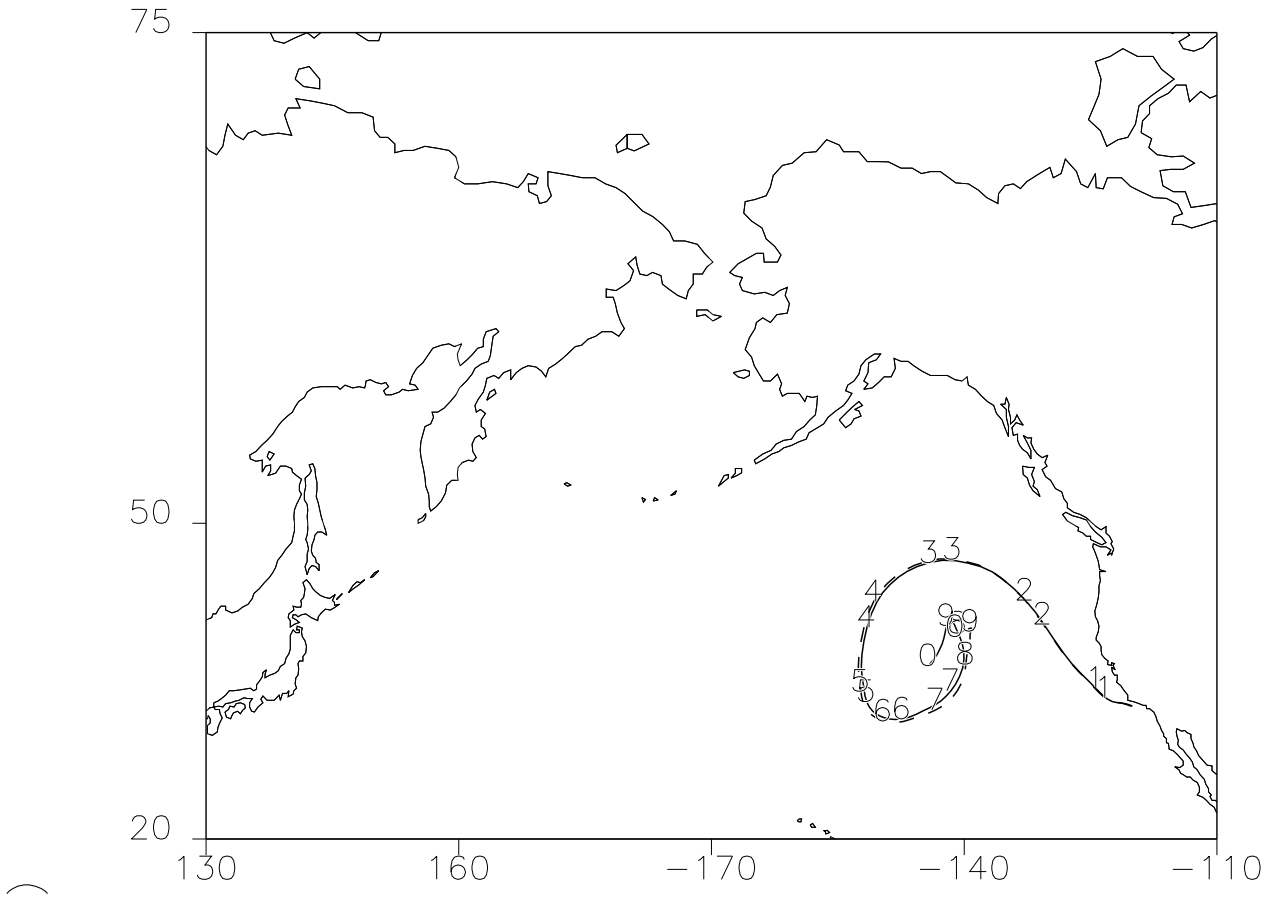
Day	km	hPa	C
0	0.3	982	12
1	0.1	1000	10
2	0.3	994	10
3	0.4	979	12
4	0.5	969	13
5	0.8	929	10
6	1.2	890	9
7	1.6	859	7
8	1.5	867	5
9	1.3	875	8
10	0.9	914	11

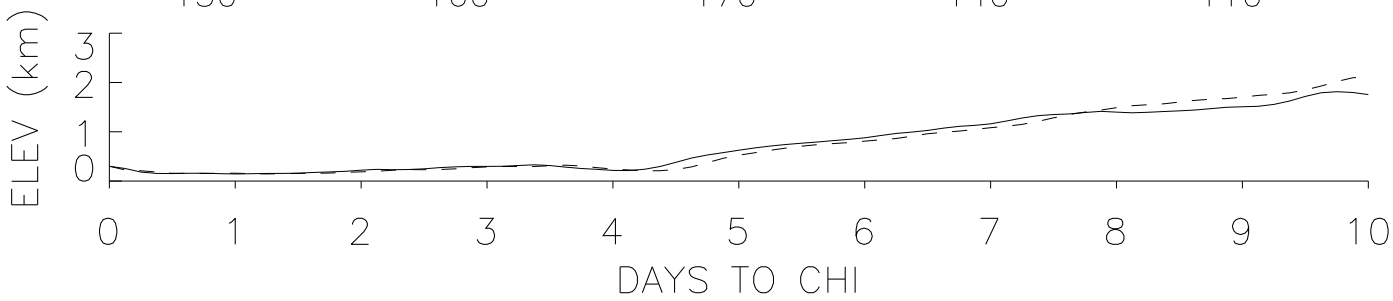
06UT

Day	km	hPa	C
0	0.3	983	10
1	0.2	1000	10
2	0.2	998	9
3	0.3	988	11
4	0.3	992	13
5	0.7	939	11
6	1.0	910	10
7	1.4	875	9
8	1.3	888	7
9	1.2	887	9
10	1.1	901	12

00UT – solid
06UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/28/2002 (Day of Year 118)
NCEP/NCAR Reanalysis 1 Data Set





12UT

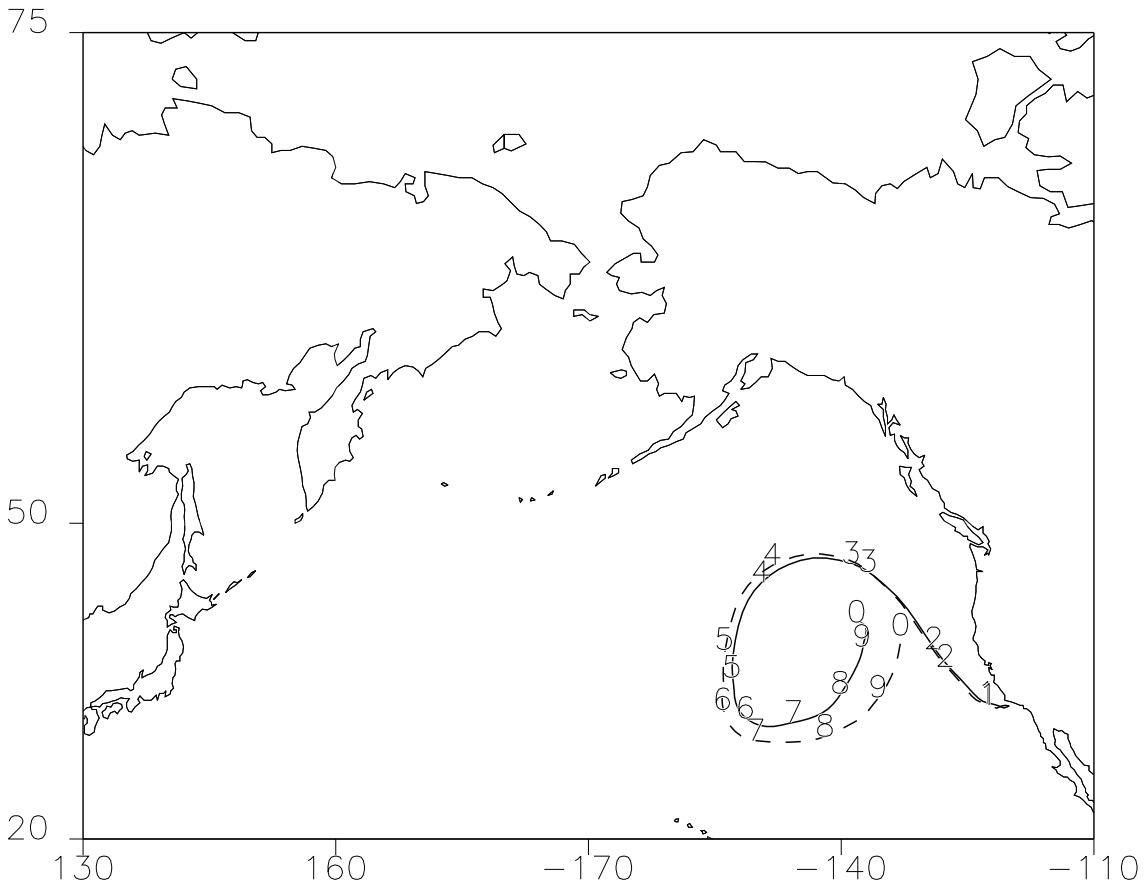
Day	km	hPa	C
0	0.3	983	10
1	0.1	1000	11
2	0.2	999	8
3	0.3	993	10
4	0.2	999	13
5	0.6	951	12
6	0.9	924	10
7	1.2	897	9
8	1.4	876	8
9	1.5	864	9
10	1.8	832	7

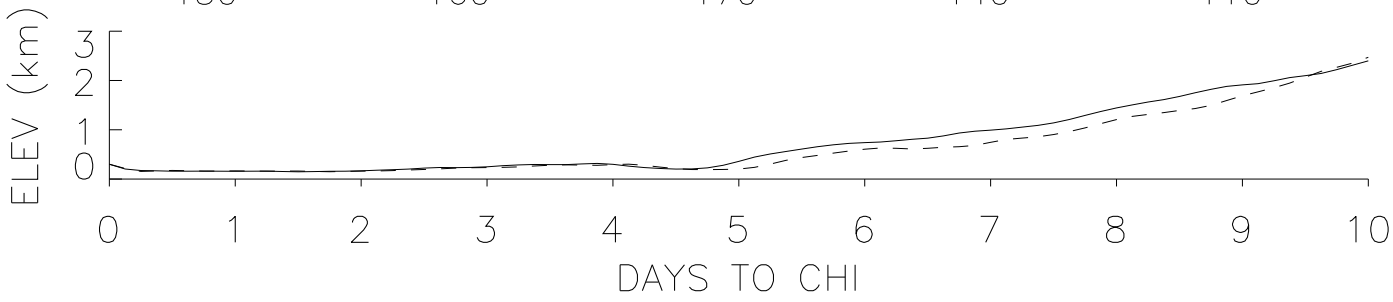
18UT

Day	km	hPa	C
0	0.3	985	12
1	0.2	1000	11
2	0.2	1000	9
3	0.3	995	10
4	0.2	995	12
5	0.5	963	13
6	0.8	931	10
7	1.1	906	9
8	1.5	867	8
9	1.7	844	8
10	2.1	798	4

12UT – solid
18UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/29/2002 (Day of Year 119)
NCEP/NCAR Reanalysis 1 Data Set





00UT

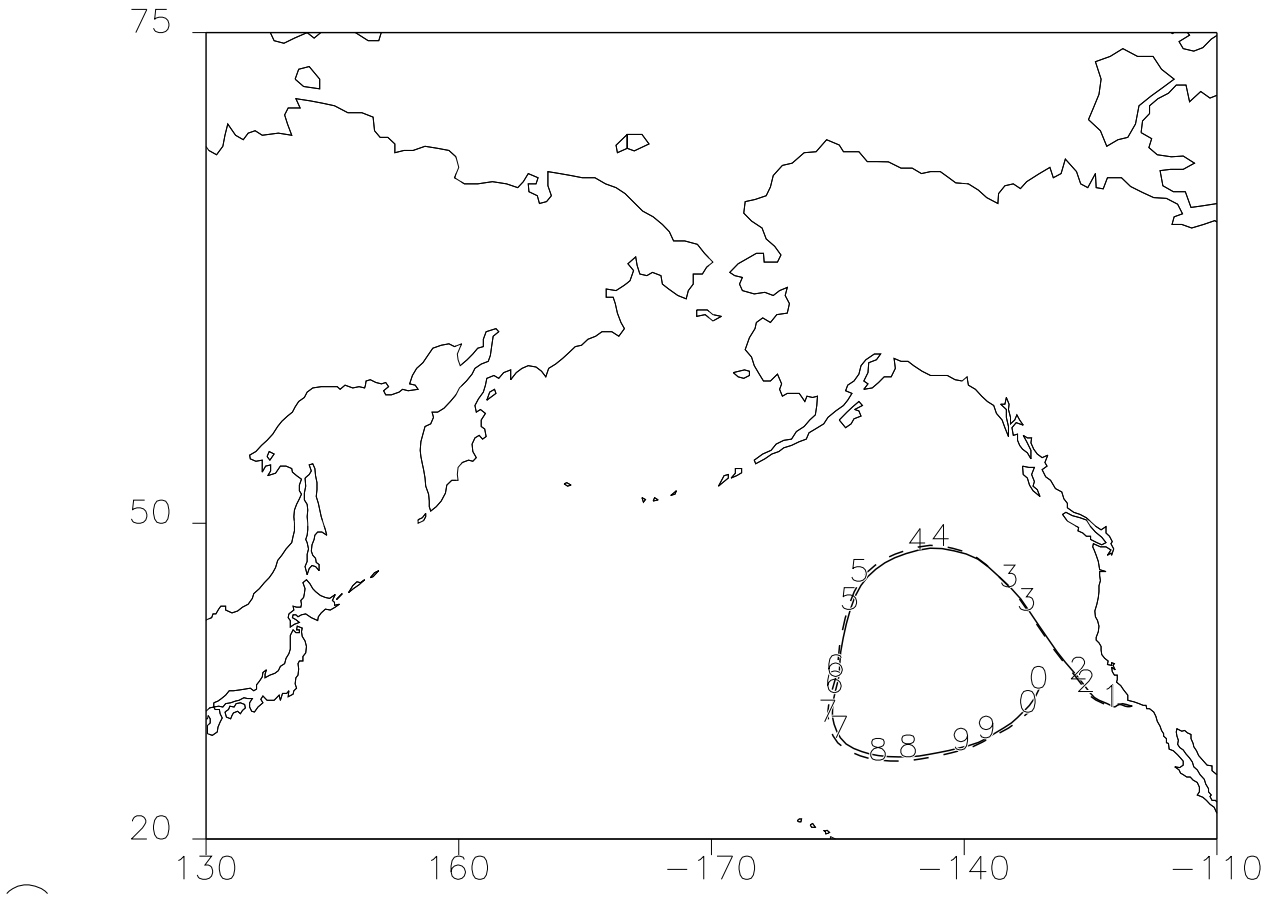
Day	km	hPa	C
0	0.3	982	14
1	0.2	1000	11
2	0.2	1000	9
3	0.2	999	10
4	0.3	990	11
5	0.4	983	15
6	0.7	939	12
7	1.0	914	10
8	1.4	870	10
9	1.9	823	8
10	2.4	773	3

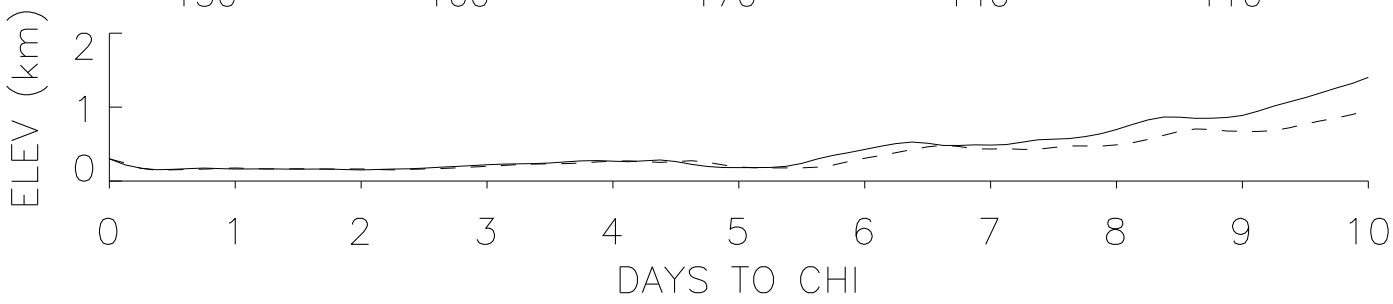
06UT

Day	km	hPa	C
0	0.3	982	12
1	0.2	1000	11
2	0.2	1000	10
3	0.2	1000	9
4	0.3	991	10
5	0.2	999	14
6	0.6	953	14
7	0.7	939	11
8	1.2	892	10
9	1.7	844	10
10	2.5	766	1

00UT – solid
06UT – dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/29/2002 (Day of Year 119)
NCEP/NCAR Reanalysis 1 Data Set





12UT

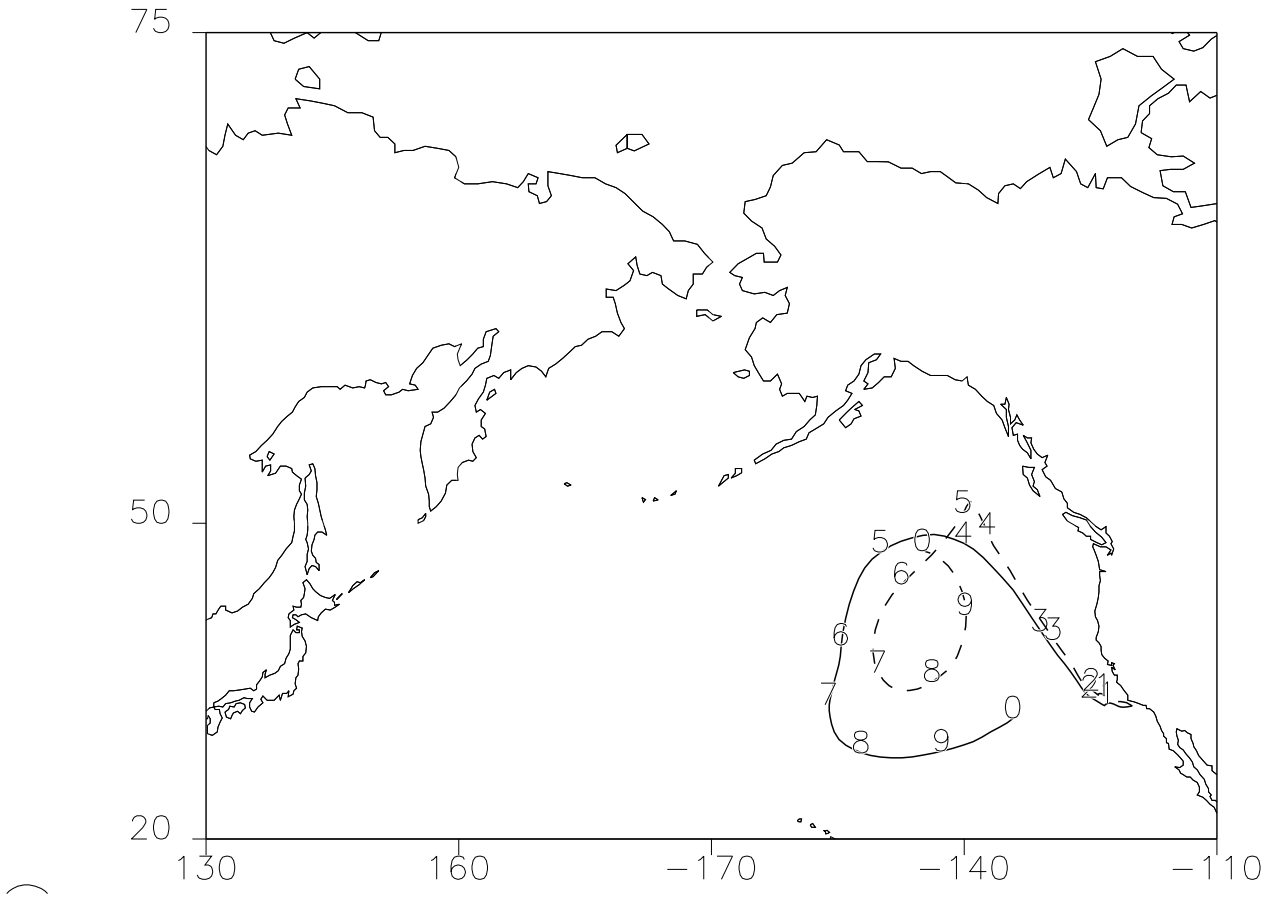
Day	km	hPa	C
0	0.3	981	11
1	0.2	1000	11
2	0.2	1000	10
3	0.2	1000	8
4	0.3	995	9
5	0.2	1000	12
6	0.4	972	15
7	0.5	966	15
8	0.7	946	11
9	0.9	926	8
10	1.4	871	6

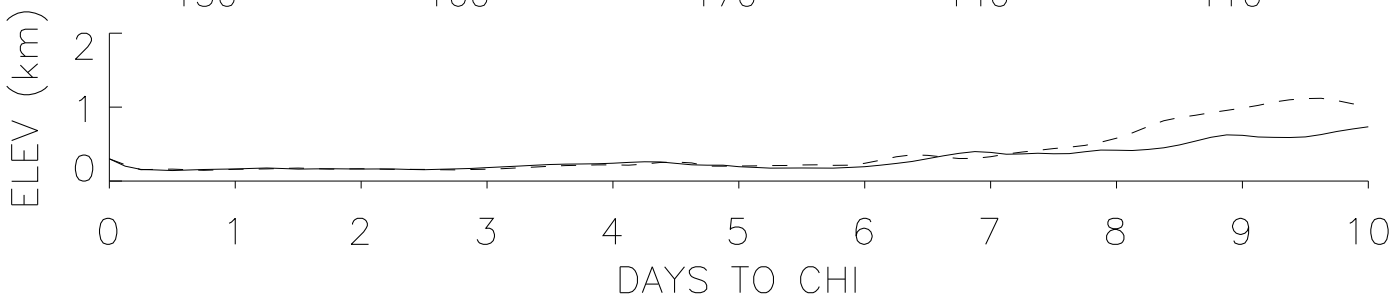
18UT

Day	km	hPa	C
0	0.3	982	13
1	0.2	1000	11
2	0.2	1000	11
3	0.2	1000	8
4	0.3	996	10
5	0.2	999	10
6	0.3	987	15
7	0.4	972	15
8	0.5	969	14
9	0.7	951	11
10	1.0	921	6

12UT − solid
18UT − dashed

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/30/2002 (Day of Year 120)
NCEP/NCAR Reanalysis 1 Data Set





00UT — solid
06UT — dashed

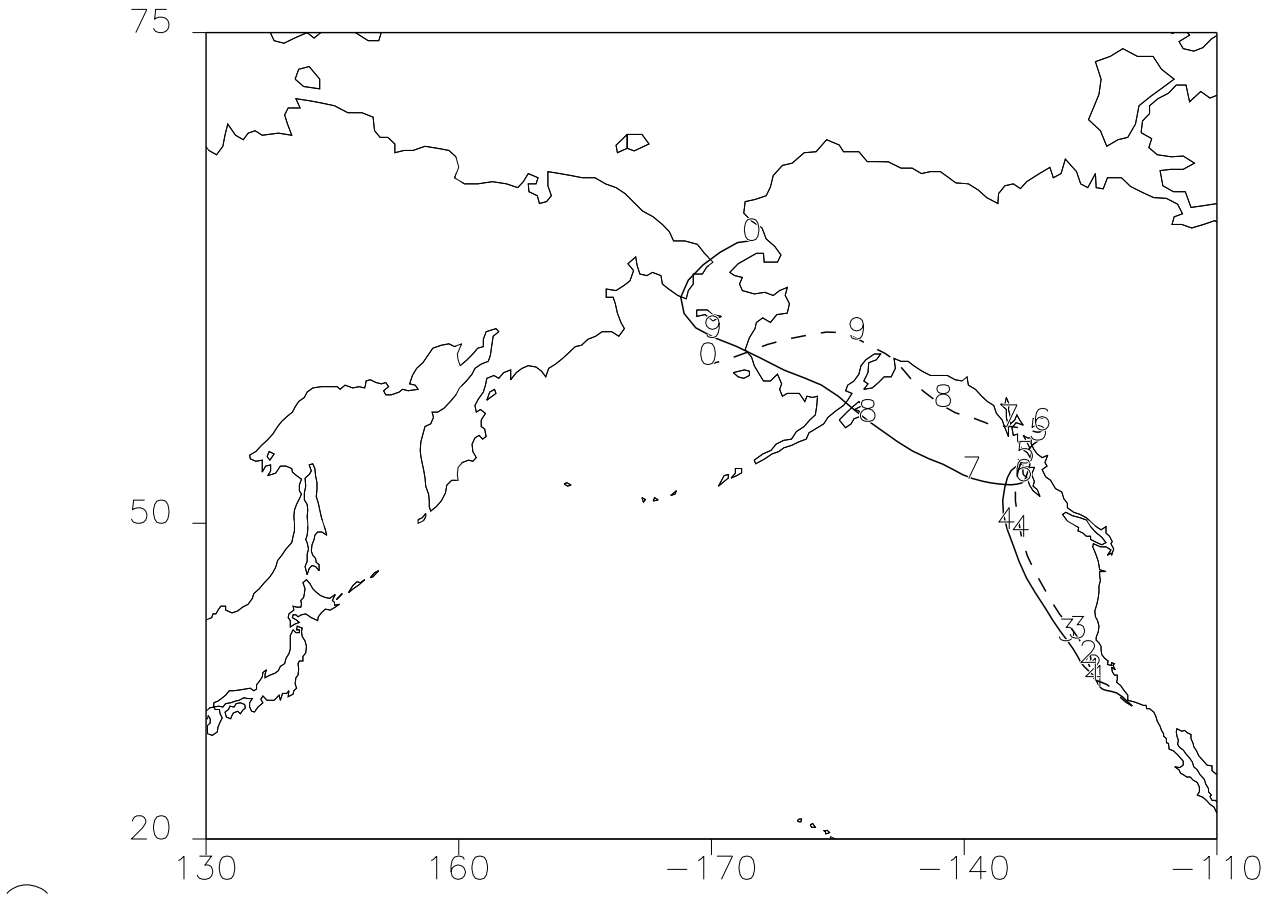
00UT

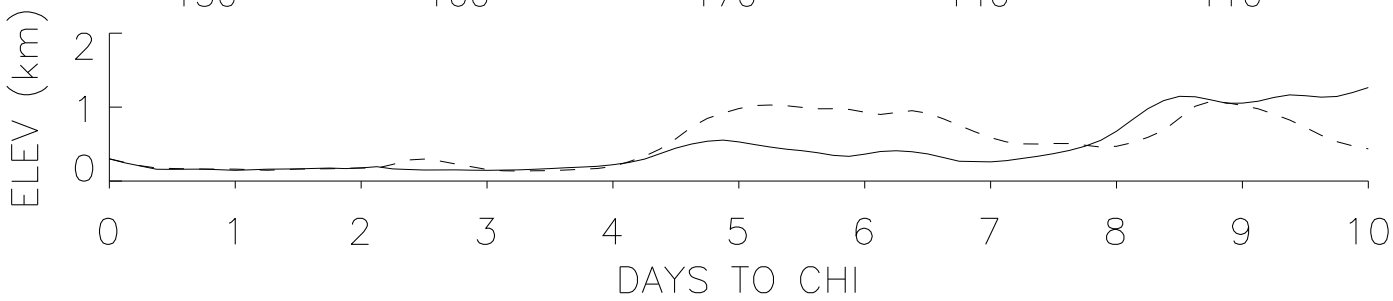
Day	km	hPa	C
0	0.3	982	13
1	0.2	1000	10
2	0.2	1000	11
3	0.2	1000	8
4	0.2	999	9
5	0.2	1000	10
6	0.2	1000	15
7	0.4	978	16
8	0.4	976	16
9	0.6	957	11
10	0.7	945	8

06UT

Day	km	hPa	C
0	0.3	983	12
1	0.2	1000	11
2	0.2	1000	10
3	0.2	1000	9
4	0.2	1000	7
5	0.2	1000	8
6	0.2	997	11
7	0.3	986	13
8	0.6	961	11
9	1.0	919	10
10	1.0	916	7

3-D KINEMATIC TRAJECTORIES TO CHI(34.02N, 120.05W)
4/30/2002 (Day of Year 120)
NCEP/NCAR Reanalysis 1 Data Set





12UT

Day	km	hPa	C
0	0.3	982	10
1	0.1	1000	9
2	0.2	998	9
3	0.1	1000	8
4	0.2	997	5
5	0.5	962	−1
6	0.4	986	2
7	0.3	1000	2
8	0.7	949	−4
9	1.1	893	−10
10	1.3	857	−13

18UT

Day	km	hPa	C
0	0.3	983	11
1	0.2	1000	10
2	0.2	1000	9
3	0.2	998	7
4	0.2	998	6
5	1.0	910	−4
6	0.9	918	−4
7	0.6	956	−2
8	0.5	967	1
9	1.0	892	−8
10	0.4	951	−5

12UT − solid
18UT − dashed