AGRISCATT 87

GROUND DATA COLLECTION

FLEVOLAND (NL)

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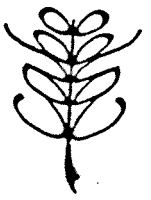

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PREFACE

This report introduces the user of the Radar Cross Section (RCS) Data Base of the European Agriscatt 1987 campaign to the progress made by the Dutch component of the campaign at the Flevoland test site. A magnetic tape or floppy disk containing the ground truth and field-average radar backscatter values of the Flevoland test fields accompanies this report. The report itself focuses on the programme for collecting ground truth. The radar measurements and the methods of obtaining average radar backscatter values from the test fields are also presented.

The collection of ground truth and the determination of field-average radar backscatter values were carried out according to the terms set out in a contract between the Joint Research Centre (JRC) of the European Energy Community in Ispra, Italy, and the Soil Survey Institute (STIBOKA) in the Netherlands. (contract No. 3174-87-06 ED ISP NL). Soil data were collected by STIBOKA, crop data by the Centre for Agrobiological Research (CABO) and field-average backscatter values were determined by the Physics and Electronics Laboratory (FEL-TNO).

Thanks are due to Dr. A.J. Sieber of JRC for his efforts in initiating the development of the RCS data base, which greatly facilitated the storage and handling of the data. The coordination of Dr. P. Churchill of Huntings Technical Services (United Kingdom) was greatly appreciated. P. Luyk of the FEL-TNO deserves our gratitude for his assistance in the time-consuming determination of the field-average radar backscatter values. The permission of the farmers in the test area to enter their fields was essential for the success of the campaign. The IJsselmeer Polder Development Authority (RIJP) kindly gave us full cooperation and permission to install corner reflectors in one of their fields.

Finally, thanks are due to the Dutch Remote Sensing Board (BCRS) who contributed financially to the campaign.

1 INTRODUCTION

The Agriscatt 1987 airborne radar campaign was initiated by the European Space Agency (ESA) and the Joint Research Centre (JRC) to elucidate the interaction of microwaves with vegetation and soil surfaces. The object of the campaign was the collection of multi-temporal, multi-frequency, multi-polarization and multi-incidence angle radar backscatter data over several test sites in the European community. The following countries participated in the exercise: Germany (with the 'Freiburg' site), Italy (with the 'Pavia' site), the Netherlands (with the 'Flevoland' site) and the United Kingdom (with the 'Reedham' and 'Feltwell' sites). During the European growing season from April until September 1987, six flights were scheduled above each of the test sites with the Dutch multiband scatterometer DUTSCAT (Delft University of Technology Scatterometer). Radar measurements were taken at six frequency ranges from 1.2 to 17.25 Ghz, two states of polarization (VV and HH) and various angles of incidence ranging from 20 to 70 degrees. The targets of interest in the test sites were mainly bare soil, agricultural crops, pasture and woodland.

The collection and storage of ground data during a previous European radar campaign, Agrisar 1986, indicated the desirability of a common radar cross section data base. Therefore, in cooperation with the ESA the JRC initiated the development of EURACS: European Radar Cross Section Data Base. This central data base allows access to the data of all EC test sites. Its objectives and requirements are laid down in the 'RCS data base and data format guide for the Agriscatt 87 campaign, June 1987'. The reader should refer to this publication for detailed information. For the Agriscatt 1987 campaigns the methodology for ground data collection as set down by Cihlar et al. (1986) was followed to obtain ground data compatibility for all test sites. The data set for the Dutch test site was collected as stipulated in a contract between the JRC and the Soil Survey Institute of the Netherlands (STIBOKA). It meets the requirements of the RCS data base. The final structure and format of the data was established through discussions with the participating experimenters. A magnetic tape or floppy disk containing the ground truth and field-average radar backscatter values of the Flevoland test fields accompanies this report.

In Chapter 2, the reader is introduced to the Flevoland test site and the measurement programme. Meteorological parameters on the days of the radar measurements are given in Chapter 3. Chapter 4 discusses the acquisition of the radar data. As an example, radar backscatter values, field averaged sigma nought values, of twelve test fields are presented at one incidence angle and state of polarization for each sortie. In Chapter 5, the methods of collecting ground truth on soil surface roughness and soil surface moisture are described. The collection of ground truth on agricultural crops and a general account of crop development during the campaign are given in Chapter 6.

2 EXPERIMENT DESCRIPTION

2.1 Test site

The Dutch test site is located in Southern Flevoland, a polder reclaimed from lake IJssel (Fig. 2.1). The test site is rectangular in shape and measures 11 x 0.5 km. Its location is given by the point quadrats of the latitude and longitude coordinates of its four corners:

Top left	52° 20' N	5° 21' E
Top right	52° 24' N	5° 29' E
Bottom left	52° 20' N	5° 22' E
Bottom right	52° 23' N	5° 29' E

The general altitude of the site is 3 metres below sea level (3 m -NAP).

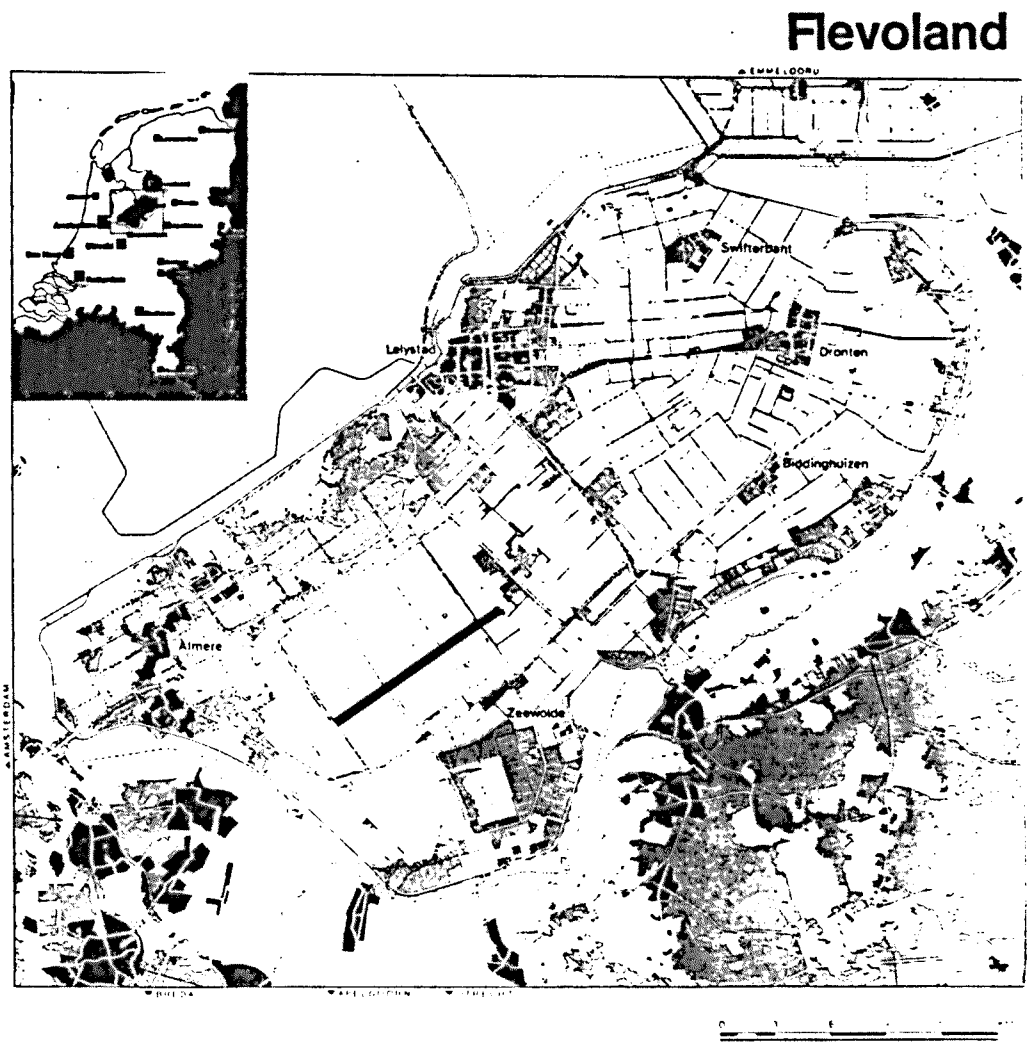

Fig. 2.1 Flevoland

Flevoland is an agricultural area and is particularly suited for large remote sensing experiments like the Agriscatt 87 campaign. The land surface is flat and the soils are very homogeneous over vast areas. The agricultural parcels are large and rectangular.

The topsoil of the Flevoland area originates from the marine sediments on the floor of the former Zuyder sea. This large bay contained brackish to salt water until its enclosure in 1932 which created the freshwater lake, lake IJssel. Flevoland was reclaimed in 1966. The textural composition of the topsoil in the test site is very uniform. The clay content varies between 30 and 35%. Carbonates are present and often occur as shell remnants. The organic matter content is relatively high, about 4 - 6%. The soil is classified as a fine textured, Calcaric Fluvisol according to the legend of the World Soil Map (FAO).

In the Flevoland area large parcels of about 80 ha in extent are cultivated by the IJsselmeer Polders Development Authority (RIJP). Usually one crop is grown per parcel. The average dimensions of these parcels are 1600 x 500 metres. The cultivation by the RIJP is temporary and the large parcels are eventually leased to individual farmers. All farmers grow several crops within one parcel. This results in the parcels being subdivided into fields characterized by a single crop type. Again, in these fields, farmers may grow different varieties of the same crop.

The test site comprises a total of eight parcels, five of which are leased to individual farmers and three are still cultivated by the RIJP (Fig. 2.2).

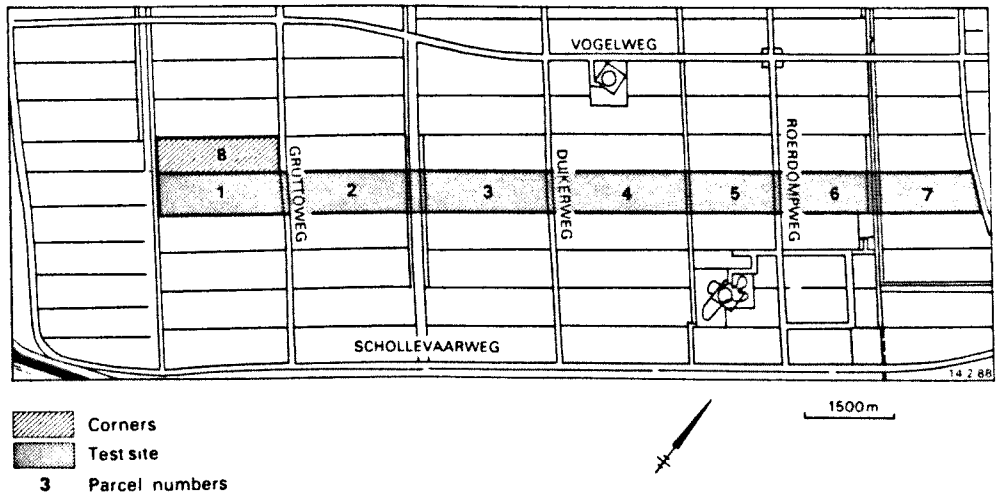

Fig. 2.2 The Agriscatt test site showing individual parcels

For the Agriscatt campaign, all fields with a single crop variety within these parcels are called reference fields and given separate field reference numbers. For instance, one parcel of a single farmer may be divided into six reference fields (parcel 3) or one parcel may be one single reference field (parcel 1). On neighbouring reference fields, the same crop type may be present but different crop varieties may be grown. The subdivision of seven of the eight parcels in the test site is given in Fig. 2.3.

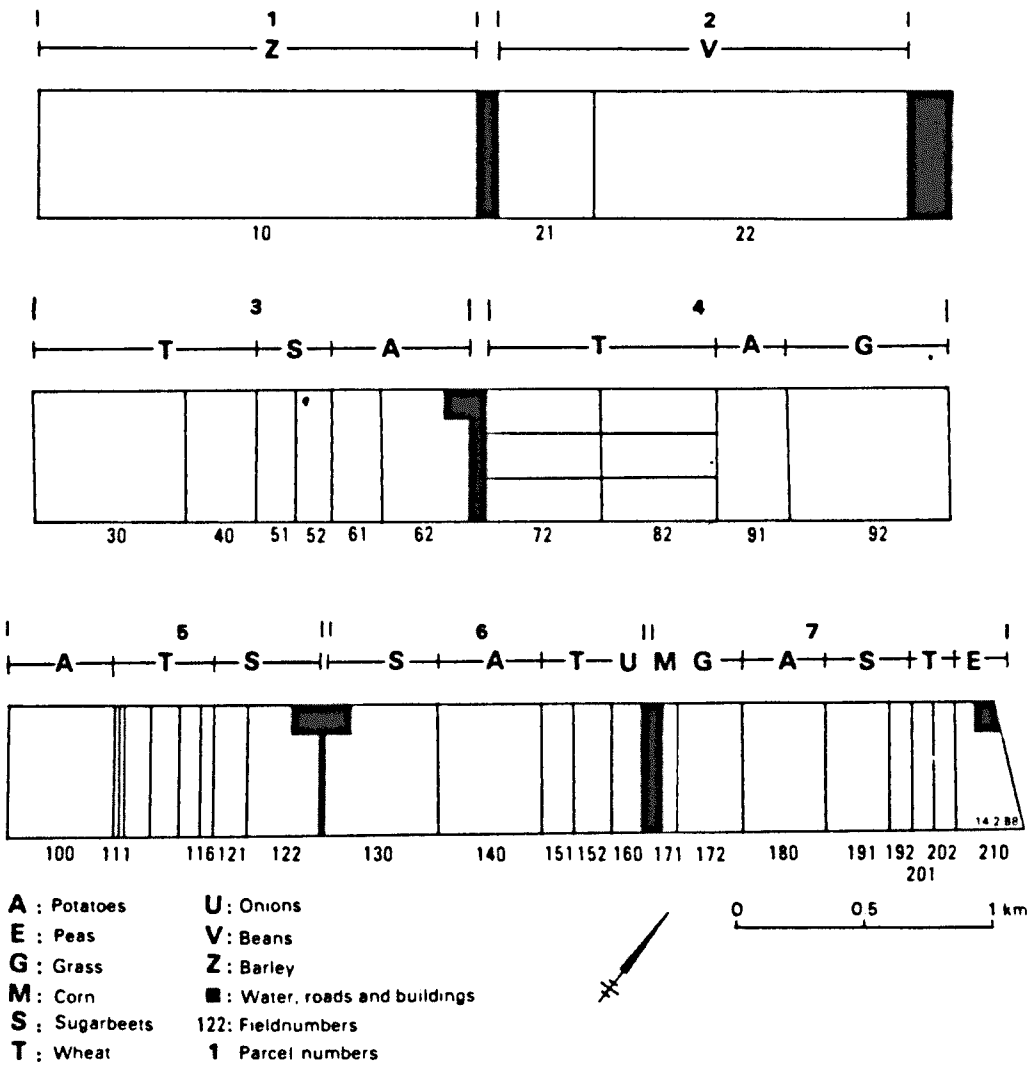

Fig. 2.3 Division of parcels in the test site in reference fields

In total, twenty so-called test fields were selected for ground truth collection from all the reference fields in the test site. During the days of the radar measurements data about soil and vegetation were collected on these fields, in an intensive or extensive survey.

Table 2.1 Test fields with field reference number (incl. crop type), location, field size and type of ground truth survey

Field reference number	Location Latitude	Longitude	Field size	Ground truth survey veg.	soil
FL0010.BAR	52° 20' N	5° 22' E	825000	+	+
FL0022.BEA	52° 21' N	5° 23' E	575000	+	+
FL0030.WHE	52° 21' N	5° 24' E	275000	+	+
FL0040.WHE	52° 21' N	5° 24' E	135000	+	+
FL0051.SBT	52° 21' N	5° 25' E	67500	+	+
FL0052.SBT	52° 21' N	5° 25' E	67500	o	+
FL0061.POT	52° 22' N	5° 25' E	92500	o	+
FL0062.POT	52° 22' N	5° 25' E	180000	+	+
FL0100.POT	52° 22' N	5° 27' E	191000	+	+
FL0113.WHE	52° 22' N	5° 27' E	57500	+	+
FL0114.WHE	52° 22' N	5° 27' E	57500	+	+
FL0121.SBT	52° 23' N	5° 27' E	67000	o	+
FL0122.SBT	52° 23' N	5° 27' E	134000	+	+
FL0171.COR	52° 23' N	5° 28' E	30000	o	o
FL0180.POT	52° 23' N	5° 29' E	157500	+	+
FL0191.SBT	52° 23' N	5° 29' E	115000	+	+
FL0192.SBT	52° 23' N	5° 29' E	40000	o	+
FL0201.WHE	52° 23' N	5° 29' E	40000	+	+
FL0202.WHE	52° 23' N	5° 29' E	40000	o	+
FL0210.BEA	52° 23' N	5° 29' E	73500	o	o

+ = intensive survey, o = extensive survey

In a later stage the field-average radar backscatter values were calculated (σ_o).

2.2 Measurement programme

During the Agriscatt campaign, three types of data were collected:

- radar data
- ground truth
- weather data

Radar data:

Radar data were collected with the Dutch multiband scatterometer DUTSCAT on the following six days in the growing season:

Sortie 1: 87-05-18
Sortie 2: 87-06-01
Sortie 3: 87-06-15
Sortie 4: 87-07-06
Sortie 5: 87-07-31
Sortie 6: 87-09-08

The flight track of the aircraft with the DUTSCAT was parallel to the length of the test area (Fig. 2.2). Radar measurements were made at five different incidence angles, 20, 30, 40, 50 and 70 degrees, and in vertical- and horizontal-like polarization, VV and HH respectively. The measurements at the six different frequency ranges were made simultaneously. Thus, ten overpasses over the test site were made per sortie. For all reference fields, the field-average radar backscatter was calculated separately for each angle of incidence, state of polarization and frequency range.

Ground truth:

Ground truth on soil and vegetation was collected in an intensive or extensive survey.

The extensive survey consisted mainly of visual observations on the status of the crop and of the soil. In general, the following parameters were collected: field location; elevation/slope; crop type; crop phenology; crop height; row distance; row direction; plant density; soil cover; visual estimates of soil surface roughness and soil moisture.

The intensive survey collected data on the same parameters as the extensive survey, plus data on the following crop and soil parameters: fresh and dry weight, and moisture content of various parts of the crop canopy (leaves, leaf blades, leaf stems, ears, stems, pods); Leaf Area Index; decimal code of growth stage; plant diameter; length of ears and ear stems; soil surface roughness, measured; moisture content of several layers of the soil surface, measured.

The type of ground truth collection was not always the same for the crop survey as for the soil survey. If two contiguous test fields had a different variety of the same crop type, the intensive soil survey was carried out on both test fields, but the intensive crop survey would only be carried out in one of these test fields, leaving the other for extensive survey only. Table 2.1 gives the type of survey carried out on the test fields for collecting the soil data and for collecting the crop data.

Weather data:

Weather data were collected from a number of meteorological stations in the Flevoland area and from observations in the field during ground data collection. The weather data do not apply to any specific test field but to the whole test site in general.

3 METEOROLOGICAL PARAMETERS

3.1 Data acquisition

The weather data are the result of complementary measurements and observations takes at four small meterological stations and by experimenters in the field. At the stations, meteorological parameters were collected hourly or daily. Since a sortie generally lasted no more than two hours, the data are presented as average values for all overpasses of one sortie. The following parameters were collected for the RCS data base:

- Wind speed, wind direction, air temperature, air humidity: averaged over the total flight duration of ten overpasses of one sortie (meteorological station).
- precipitation: calculated from a number of hours prior to the first overpass until the time halfway through the total sortie (meteorological station).
- direct sunlight: hours sunlight from sunrise until sunset on the day of a sortie (meteorological station).
- cloud cover: averaged over the total flight duration of ten overpasses of one sortie (field observation)

Table 3.1 gives the values of these parameters for all sorties:

Table 3.1 Meteorological parameters, averaged for all ten overpasses of the six DUTSCAT sorties.

Sortie	1	2	3	4	5	6
Wind speed (m/s)	2	12	4	3	5	4
Wind direction (")	50	240	20	135	90	300
Rainfall 1 h prior (mm)	0	0	0	0	0	0
Rainfall 4 h prior (mm)	0	0	0	0	0	0
Rainfall 12 h prior (mm)	0	0	0	0	0	0
Rainfall 24 h prior (mm)	3.2	0	0	0	2.5	0
Air temperature (°C)	9	14	12	20	16	17
Humidity (%)	82	70	81	50	82	65
Direct sunlight (h)	2.2	1.4	3.5	*	*	*
Cloud cover (%)	100	100	75	0	75	25
Mean sortie time (GMT)	10.30	9.20	9.15	9.20	10.40	8.5

* = not measured

3.2 General weather conditions during the campaign

The month of May 1987 was very cold, wet and cloudy. A large amount of rain, approx. 40 mm, was measured in the week preceding the day of sortie 1, 87-05-18. No rainfall occurred on the day of the sortie itself but the soil moisture content

was high in all layers of the surface and underneath. The last week of May was wet again but no rain felt on the two days before sortie 2, 87-06-01. On that day, the soil moisture content was still quite high although the surface layer had started to dry out in bare fields.

The month of June was abnormally cold, rather wet and very cloudy. Rain felt on almost every day particularly in the first half of the month. On the days prior to sortie 3, 87-06-15, the amount of rainfall was relatively low and on the day of the sortie itself, no rain felt. On that day the soil surface was still quite wet. The cloudy and rainy weather continued until the end of the month, but the last three days of June were dry and rather warm.

The first two weeks of July remained dry and rather warm. On the day of sortie 4, 87-07-06, the soil surface had dried out at some places but it remained wet at others. Evapotranspiration caused stratification in the moisture content of the topsoil.

The second half of July was again very wet, with heavy showers. On the day of sortie 5, 87-07-31, no rain felt but the soil surface was still very wet.

The month of August was very cloudy. As the amount of precipitation equalled the amount of evapotranspiration, the soil under the crop canopy remained moist.

During the first days of September prior to sortie 8, 87-09-08, heavy rains again wetted the still moist soil under the crop canopy. On the day of the sortie itself, no rain felt but the soil surface was very wet.

4 COLLECTION OF RADAR DATA

4.1 Measurement programme

The radar used in this experiment was the six-band scatterometer DUTSCAT (Delft University of Technology Scatterometer), developed by the Delft University of Technology, Department of Telecommunication and Remote Sensing Laboratory (Snoeij and Swart, 1987). The specifications of DUTSCAT are given in Table 4.1.

Table 4.1 Specifications of DUTSCAT

Radar type	Coherent pulse radar						
Frequencies	1.2	3.2	5.3	9.65	13.7	17.25	GHz
Beamwidth	11.3	4.2	2.5	1.4	1.0	0.8	deg
Angle of incidence	0 (vertical) - 80 deg						
Polarization	HH or VV						
Peak power	ca 250 mW						
Pulse repetition rate	78.125 kHz						
Pulse width	100 ns						
Sampling frequency	40 MHz						
Operating range	50 - 1920 m						
Antenna type	0.9 m parabolic dish						
Resolution	ca 0.1 dB						
Altitude	100 - 2000 m						
Video image coverage	51 * 65 deg						

The platform used was the Beechcraft Queen Air research aircraft owned by the National Aerospace Laboratory (NLR), the Netherlands. The DUTSCAT was mounted under the aircraft in such a way that the antenna was directed to the left of the flight direction. The approximate speed of the aircraft during the measurements was 110 kts.

Each sortie consisted of ten overpasses in two directions along the length of the test site. The reference fields in the seven parcels were measured with a flight direction from NE to SW, resulting in a radar look direction toward the SE. The six frequencies were simultaneously recorded at five angles of incidence (20, 30, 40, 50, and 70 degrees) and in two states of polarization (HH and VV). On the return flight from SW to NE, the thirty corner reflectors in parcel no. 8 were measured for external calibration of the DUTSCAT with a look direction towards the NW. The six frequencies were simultaneously measured in two states of polarization at 45 degrees for the angle of incidence. The corner reflectors were placed in a wheat field next to the test field with spring barley, parcel no. 1 (Fig. 2.2). The location and size of the corner reflectors is given in Fig. 4.1.

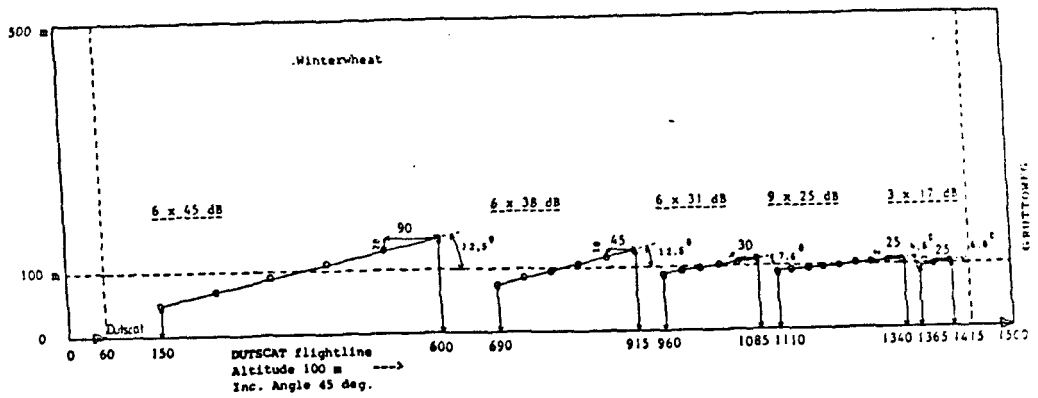

Fig. 4.1 Location of corner reflectors in parcel no. 8

The flight height, the distance from flight line to survey line and the slant range depend on the angle of incidence (Fig. 4.2).

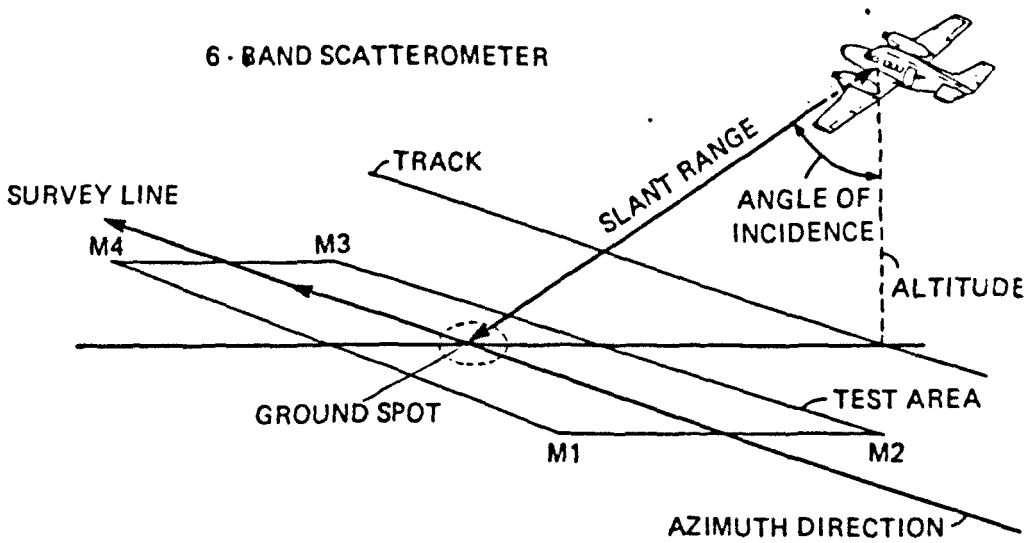

Fig. 4.2 Flight and measurement definitions

The flight specifications for the Agriscatt 87 campaign are given in Table 4.2.

Table 4.2 Flight specifications for all overpasses

	Angle of incidence (degrees)*					
	for all reference fields					Field+ corners
	20	30	40	50	70	45
Flight height (m)	345	213	147	115	100	100
Distance (m)	125	125	125	125	251	91
Slant range (m)	366	250	195	164	267	129

4.2 Radar data

To identify the fields in the DUTSCAT recordings, a video recorder looking in the same direction as the antenna was attached to the antenna support structure of the aircraft. The recording number and time were added to the video image of the measured objects during flight. This allowed the data interpreter to connect the scatterometer data, flight data and video data and to determine the period that the radar beam spot remained within the boundaries of the reference fields distinguished on the video recording.

To facilitate the readings, the width of the radar beam spot in the video recordings had been marked on the screen of the television with the aid of Dutscat Video Calibration Images. In these images, the width of a 3 dB resolution cell around the centre of the radar beam is marked for different combinations of frequency, polarization and angle of incidence. The same 3 dB resolution cell was used for the frequencies 3.2, 5.3, 9.65, 13.7 and 17.25 Ghz. The dimensions of the resolution cell at the frequency of 1.2 Ghz are much larger. The points of time from the video tape were collected for the period that the marked resolution cell of the radar beam spot was fully within the boundaries of a reference field. Aereal photography of the test site considerably facilitated the identification of the boundaries of the reference fields (Appendix A5).

With the aid of these time data, the mean radar backscatter of the individual fields was calculated by averaging all measurements within the selected points of time. A condition for this calculation was the presence of at least one resolution cell within the boundaries of the field. The calculations were done separately for each frequency, state of polarization and angle of incidence.

The mean radar backscatter is expressed in dB and given as σ_o the radar cross section of the target per unit irradiated surface area. The mean values per reference field were calculated from the power figures generated from the individual dB values on the DUTSCAT data tape. The mean power value was then converted back to dB. The standard deviation of the mean value of the reference fields was calculated from the individual dB values on the DUTSCAT data tape.

The RCS data base contains the σ_o value, standard deviation and the number of independent samples for each reference field at all frequencies, angles of incidence and states of polarization. The σ_o values are calibrated values due to a correction by means of calibration correction values. These correction values are listed in Appendix B (B23-B26) in relation to each reference field, the angle of incidence and states of polarization for each sortie. An example of mean σ_o values is given for twelve test fields at 50 degrees incidence angle and at HH polarization (Table 4.3). A summary of the calibration correction values is given in Table 4.4.

Table 4.3 Mean σ_o values of twelve test fields for sorties 1 to 6, at 50 degrees incidence angle and HH polarization

Sortie 1, 87.05.18

Field ref. number	Mean σ_o value (HH - 50 deg.) Frequency (GHz) 1.2	3.2	5.3	9.65	13.7	17.25
FL0030.WHE	-23.7	-17.2	-12.0	-5.8	-4.7	-1.7
FL0040.WHE	-24.4	-16.9	-11.3	-5.1	-4.4	-1.5
FL0113.WHE	-23.0	-16.4	-10.4	-6.2	-3.9	-1.0
FL0201.WHE	-24.3	-17.1	-11.4	-4.1	-3.9	-1.0
FL0010.BAR	-24.3	-17.0	-11.4	-4.6	-4.4	-1.1
FL0051.SBT	-27.7	-19.1	-13.1	-6.7	-4.9	-1.8
FL0122.SBT	-26.2	-18.6	-10.8	-7.2	-4.9	-2.1
FL0191.SBT	-25.3	-17.6	-13.6	-9.2	-5.0	-2.7
FL0061.POT	-24.5	-18.0	-12.9	-6.8	-4.8	-2.1
FL0100.POT	-24.6	-17.5	-10.4	-6.9	-4.8	-2.0
FL0180.POT	-25.6	-18.3	-13.6	-7.5	-5.7	-2.7
FL0022.BEA	-21.0	-16.5	-10.8	-4.0	-4.3	-1.1

Sortie 2, 87.06.01

Field ref. number	Mean σ_o value (HH - 50 deg.) Frequency (GHz) 1.2	3.2	5.3	9.65	13.7	17.25
FL0030.WHE	-20.3	-13.5	-16.1	-15.0	-5.1	-2.8
FL0040.WHE	-20.5	-12.9	-15.7	-14.5	-5.7	-3.3
FL0113.WHE	-20.1	-13.9	-16.4	-15.9	-5.2	-3.4
FL0201.WHE	-18.4	-12.8	-16.1	-14.0	-3.8	-3.3
FL0010.BAR	-19.0	-12.4	-15.0	-13.7	-4.7	-2.7
FL0051.SBT	-21.8	-13.0	-16.0	-15.1	-5.5	-2.9
FL0122.SBT	-22.0	-12.8	-15.5	-14.7	-4.3	-2.7
FL0191.SBT	-19.7	-12.7	-16.0	-14.1	-4.7	-3.5
FL0061.POT	-23.2	-13.2	-15.8	-15.6	-5.4	-3.2
FL0100.POT	-22.8	-12.9	-15.7	-15.9	-5.6	-3.0
FL0180.POT	-23.5	-12.8	-15.6	-14.7	-5.5	-3.0
FL0022.BEA	-17.0	-12.3	-15.0	-14.4	-5.1	-3.1

Sortie 3, 87.06.15

Field ref. number	Mean σ_o value (HH - 50 deg.) Frequency (GHz) 1.2	3.2	5.3	9.65	13.7	17.25
FL0030.WHE	-19.7	-19.0	-12.0	-15.9	-5.6	-4.6
FL0040.WHE	-21.1	-19.4	-11.7	-14.9	-5.6	-4.3
FL0113.WHE	-19.5	-19.1	-8.3	-14.9	-5.5	-25.9
FL0201.WHE	-18.9	-18.1	-11.0	-14.2	-4.8	-3.3
FL0010.BAR	-18.1	-17.7	-9.9	-13.5	-4.6	-3.4
FL0051.SBT	-19.5	-17.4	-9.2	-11.7	-4.0	-2.0
FL0122.SBT	-19.1	-17.2	-7.3	-11.6	-3.8	-22.9
FL0191.SBT	-19.3	-17.4	-8.5	-11.2	-4.0	-1.9
FL0061.POT	-20.1	-17.6	-9.5	-13.0	-4.9	-3.0
FL0100.POT	-19.2	-16.9	-7.4	-13.4	-4.6	-25.9
FL0180.POT	-18.6	-16.8	-9.3	-13.4	-4.4	-2.6
FL0022.BEA	-16.6	-17.2	-9.2	-13.3	-4.4	-3.1

Sortie 4, 87.07.06

Mean σ_o value (HH - 50 deg.)

Field ref. number	Frequency (GHz) 1.2	3.2	5.3	9.65	13.7	17.25
FL0030.WHE	-36.6	-30.0	-24.0	*	-9.4	-8.7
FL0040.WHE	-36.4	-29.5	-24.0	-24.9	-8.1	-7.6
FL0113.WHE	-36.3	-30.9	-25.9	*	-10.9	-9.0
FL0201.WHE	*	*	*	*	*	*
FL0010.BAR	-36.3	-32.0	-26.7	*	-16.0	-12.8
FL0051.SBT	-36.5	-25.6	-19.1	-19.4	-2.3	-4.8
FL0122.SBT	*	-26.5	-19.9	-17.2	-2.6	-4.5
FL0191.SBT	-36.5	-26.5	-19.0	-18.8	-2.4	-5.0
FL0061.POT	-36.6	-25.3	-18.3	*	-4.2	-5.9
FL0100.POT	-36.4	-24.5	-20.0	-22.1	-4.8	-5.6
FL0180.POT	-36.4	-24.4	-20.6	*	-5.8	-6.1
FL0022.BEA	-36.7	-25.6	-20.8	*	-3.1	-6.0

* = not calculated

Sortie 5, 87.07.31

Mean σ_o value (HH - 50 deg.)

Field ref. number	Frequency (GHz) 1.2	3.2	5.3	9.65	13.7	17.25
FL0030.WHE	-14.6	-15.3	-9.9	-23.8	-5.4	-6.3
FL0040.WHE	-16.0	-15.3	-9.5	-22.8	-5.2	-5.5
FL0113.WHE	-14.0	-16.0	-10.0	-24.8	-4.5	-5.5
FL0201.WHE	-14.9	-15.3	-9.5	-24.5	-6.6	-8.6
FL0010.BAR	-13.7	-15.2	-8.7	-22.4	-4.9	-6.0
FL0051.SBT	-13.8	-15.1	-8.6	-18.4	-3.6	-2.1
FL0122.SBT	-13.2	-15.5	-8.9	-18.1	-3.6	-2.0
FL0191.SBT	-13.5	-15.4	-9.0	-18.5	-3.9	-2.4
FL0061.POT	-11.3	-15.3	-9.0	-19.9	-3.9	-3.5
FL0100.POT	-11.0	-14.9	-8.6	-20.2	-4.2	-3.7
FL0180.POT	-11.0	-15.3	-9.0	-20.6	-4.3	-4.0
FL0022.BEA	-11.3	-15.3	-8.8	-21.2	-4.4	-4.2

* = not calculated

Sortie 6, 87.09.08

Mean σ_o value (HH - 50 deg.)

Field ref. number	Frequency (GHz) 1.2	3.2	5.3	9.65	13.7	17.25
FL0030.WHE	-21.6	-16.7	-10.8	-9.1	-4.4	-5.2
FL0040.WHE	-22.4	-17.4	-11.2	-9.0	-3.7	-4.8
FL0113.WHE	*	*	*	*	*	*
FL0201.WHE	-21.3	-16.4	-10.6	-9.0	-3.4	-4.0
FL0010.BAR	-18.7	-16.3	-10.5	-8.8	-3.1	-3.7
FL0051.SBT	-19.0	-15.7	-9.7	-8.3	-1.6	-2.1
FL0122.SBT	-18.7	-16.3	-10.2	-8.5	-1.7	-1.9
FL0191.SBT	-18.6	-15.5	-9.7	-8.4	-1.7	-2.1
FL0061.POT	-17.2	-15.6	-10.0	-8.5	-2.1	-2.7
FL0100.POT	-17.3	-16.4	-10.5	-8.8	-2.2	-2.5
FL0180.POT	-17.7	-16.6	-10.5	-8.6	-2.2	-2.5
FL0022.BEA	-17.2	-16.2	-10.0	-8.3	-2.4	-3.1

* = not calculated

Table 4.4 Calibration correction values (external calibration correction)

Polarization HH

Sortie number	Frequency (GHz) 1.2	3.2	5.3	9.65	13.7	17.25
1	-1.7	-3.8	0.8	3.5	3.0	6.6
2	1.4	1.5	2.9	99.9	4.5	7.1
3	0.9	-3.4	3.2	99.9	4.0	7.1
4	1.3	-0.1	2.7	99.9	4.5	7.0
5	1.2	-1.7	4.7	99.9	4.0	5.4
6	-0.3	-2.7	4.0	99.9	2.4	6.1

Polarization VV

Sortie number	Frequency (GHz) 1.2	3.2	5.3	9.65	13.7	17.25
1	-0.1	-3.4	-1.7	3.9	2.3	1.8
2	1.5	-1.4	3.5	99.9	3.7	6.8
3	1.4	-1.3	1.8	99.9	4.9	7.2
4	3.3	-0.4	4.4	99.9	4.7	8.3
5	1.9	-3.3	1.7	99.9	2.8	5.7
6	3.8	0.8	2.3	10.3	5.1	6.2

99.9 = "no correction available"

The time of the overpasses of all sorties is given halfway through the overpass over the whole test site (Table 4.5).

Table 4.5 DUTSCAT overpass time (GMT) halfway through the overpass over the whole test site.

Sortie/ date	Time halfway through the overpass Angle of incidence (pol.HH) 20	30	40	50	70
1 87.05.18	09:36	09:49	10:02	10:13	10:24
2 87.06.01	09:58	09:48	09:16	09:06	08:37
3 87.06.15	08:25	08:37	09:44	09:54	10:04
4 87.07.06	08:35	08:45	08:55	09:05	09:14
5 87.07.31	09:34	09:45	09:57	10:08	10:27
6 87.09.08	07:58	08:09	08:18	08:28	08:40

Sortie/ date	Angle of incidence (pol.VV) 20	30	40	50	70
1 87.05.18	10:39	10:49	10:58	11:08	11:17
2 87.06.01	08:46	08:56	09:25	09:39	10:08
3 87.06.15	08:48	08:58	09:08	09:23	09:33
4 87.07.06	09:32	09:42	09:52	10:02	10:12
5 87.07.31	10:51	11:03	11:14	11:25	11:37
6 87.09.08	08:54	09:04	09:13	09:23	09:33

5 COLLECTION OF DATA ON SOIL CHARACTERISTICS

5.1 Methodology of the intensive survey

5.1.1 Soil moisture

Definitions

Volumetric soil moisture content (volume fraction of liquid): the volume of water in a soil sample (determined by loss of weight at 105° C), divided by the volume of the sample Unit: dimensionless (cm3.cm-3): expressed in percentage (=value * 100).

Gravimetric soil moisture content (wetness):
the amount of water in a soil sample (determined by loss of weight at 105° C drying) divided by the weight of the sample after drying.
Unit: dimensionless (g.g-1); expressed in percentage (=value * 100).

Field sampling

In order to obtain a reliable figure for the soil moisture content of the topsoil, several locations in a field were sampled. For the purposes of soil sampling, a field was defined by its crop type and not by the crop variety. For example, fields 201 and 202, each with a different wheat variety, were not sampled for soil moisture as individual fields. Previous experiments indicated that 12 sampling sites are sufficient for each field of potatoes and 10 for each field of another crop. These sites were situated in the centre of the field parallel to the flight track. At each site, 3 samples were taken at mutual distances of about 50 cm.

The sampling sites in three test fields are shown in Figure 5.1.

In Figure 5.1, the number of the soil moisture test field is indicated in the upper right-hand corner. If the number consists of two digits followed by a point (e.g. 20.) this indicates that the test field comprises more than one reference field (in this case, ref. nos. 201 and 202, both of wheat, but with different varieties of the crop).

To minimize the effects of sampling bias, two samplers were assigned to each field. The centre line of the ground track was located 250 metres from the edge of the field. Poles were installed for orientation and to give distances between the sampling sites (see left-hand side figure 5.1). Samples were taken between 9.00 h and 15.00 h. Details of the sampling are reported in section 5.2.

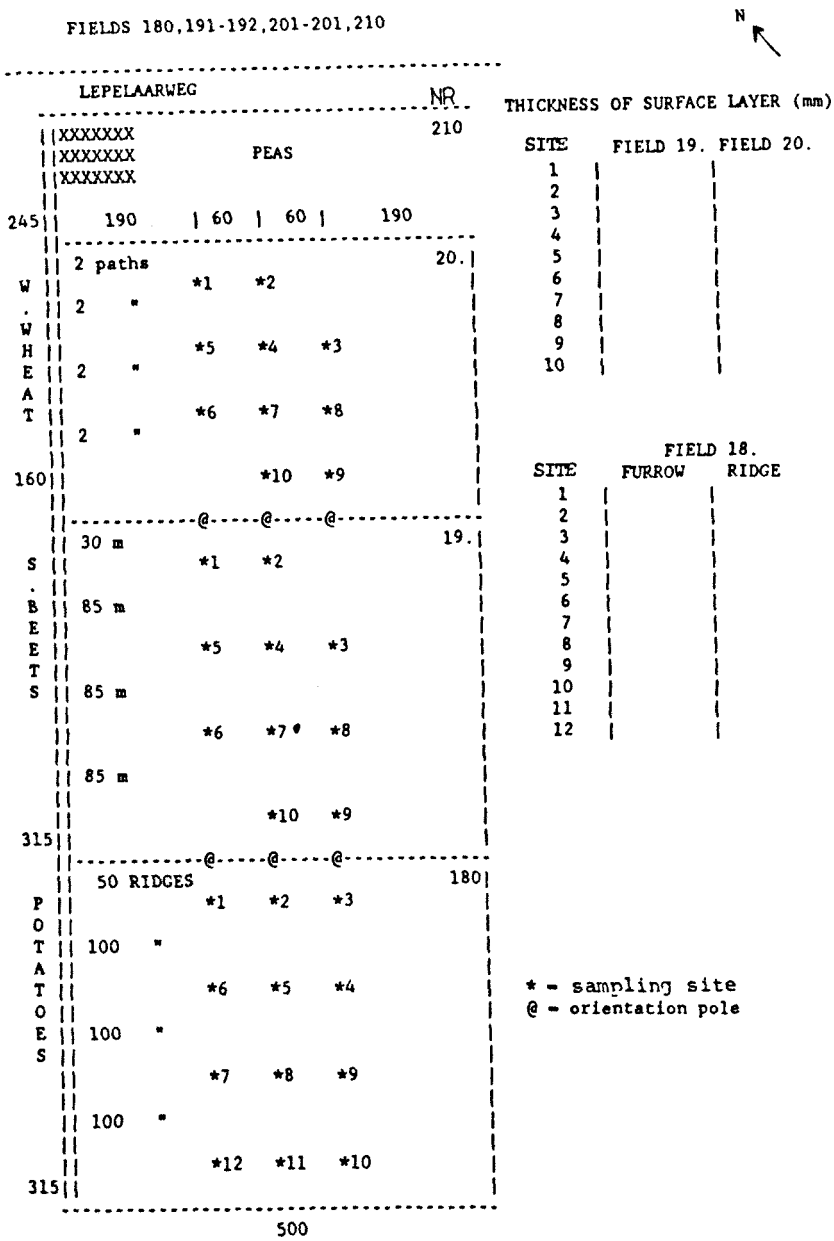

Fig. 5.1 Location of sampling sites in three soil moisture test fields

Method of sampling

Sampling started with a visual estimation of the presence of a dry surface layer. Dry soil material in Flevoland is light grey and turns dark grey when moistened. If present, the boundary between dry and moist soil was determined and the thickness of the dry layer was recorded. Three samples of the dry surface material were taken at each sampling site and bulked in a plastic bag for moisture analysis in the laboratory. After the dry topsoil had been removed, at each sampling site a sample was taken from the moist soil underneath.

- a sampling ring with a volume of 100 cm3 and depth of 5 cm was pressed vertically into the soil until the moist soil appeared flush with the rim.

- the ring was excavated with a shovel and the bottom of the soil-filled ring was smoothed.
- a plastic disc with thickness of 1 cm (and with the same diameter as the internal diameter of the ring) was used to push the first centimetre of the moist topsoil (volume 20 cm3) out of the ring. The material of this layer was collected and bulked in a plastic bag for the three samples from the same site.
- the moist soil material from the depth 1-2.5 cm was sampled in a similar way. A sample of the soil material from depth 2.5-5 cm was obtained by pushing the remaining soil (volume 50 cm3) out of the ring.

This procedure was applied in all fields except for fields with potatoes, where the ridges were sampled. The soil structure of these ridges is rather noncoherent (loose). Stratification into 3 layers is not feasible for such topsoils. Two samples of 100 cm3 from the 0 - 5 cm depth were taken from either side of the ridge. This was done at 12 sites per field.

The plastic bags of soil were weighed and dried for 3 days at a temperature of 60° C in a stove with forced air circulation. Drying at 105° C was not possible because this would cause the plastic bags to melt. To obtain a correction factor for this temperature difference several samples were taken after drying at 60° and dried at 105°.

After the moisture analysis, including the application of the correction factor, the following parameters (mean and standard deviation) were calculated per field:
for the dry soil surface layer:
- gravimetric moisture content
- thickness

for the soil layers of depth 0-1, 1-2.5, 2.5-5 cm:
- gravimetric moisture content
- volumetric moisture content

Finally, the mean and standard deviation of the overall moisture content of the 0 - 5 cm moist topsoil was calculated.

This sampling procedure with stratification of the 0 -5 cm topsoil was not always carried out when the topsoil was very wet: instead sampling was restricted to one layer only (0 - 5 cm depth).

5.1.2 Soil surface roughness

Definition

RMS (Root Mean Square) : The standard deviation of a set of heights of the soil surface with respect to a reference level.

Field sampling

The soil surface roughness was measured on a field at six locations. 3 samples were taken perpendicular and 3 parallel to the row direction or main cultivation direction.

Method of sampling
- a thin rectangular metallic plate (1 * 0.3 m) was covered with brown paper. The plate was inserted vertically into the soil and an outline of the soil surface relief was obtained by spraying the paper with white paint from an approximately horizontal direction. An example of the sprayed relief of the soil surface is given in Fig. 5.2.

Fig. 5.2 Example of a sprayed relief of the soil surface

- the height of the "skyline" was fixed by indicating a reference level on the paper. The fluctuations in height were recorded at regular intervals.

- the mean and standard deviation of the height fluctuations of each roughness profile were calculated.
- a mean perpendicular value was constructed from the three "perpendicular" roughness profiles. Similarly, a mean parallel value was acquired.

The method was not applied in the potato fields. It was decided not to take samples there because of the management practice (ridges and furrows).
In all other fields, the samples were taken once during the whole campaign, except in those fields where major cultivation activities were carried out after the first measurement.

5.2 Conditions at DUTSCAT overpass

5.2.1 Sortie 1, 87.05.18

Soil moisture

Because rain had fallen the preceding night, no dry topsoil layer was present. A relatively high moisture content throughout the topsoil over the 0-5 cm depth was visually estimated. Therefore the soil moisture sampling was modified. In every field 10 locations were chosen. At each location 2 samples of 0-5 cm depth were taken and bulked (no stratification).

Soil surface roughness

The soil surface roughness was measured according to the method presented in 5.1.2. The "skylines" were sampled on 10 fields (nos (FL) 10, 22, 30, 40, 51/52, 121/122, 191/192, 201/202 and 210) at the end of May. Two test field numbers separated by a slash indicates that these fields were considered as one field for the purposes of determining soil roughness.

Fields 51/52, 121/122 and 191/192 were cultivated after 18 May, causing a change in soil surface roughness. Sampling for sortie 1 was carried out on field 191/192 only. At the first sortie the roughness of fields 191/192, 51/52 and 121/122 were similar.

5.2.2 Sortie 2, 87.06.01

Soil moisture

Weather conditions were good for sampling. In some places, a dry surface layer was present. The soil was sampled according to the method mentioned in section 5.1.1.

Soil surface roughness

The sugarbeet fields were hoed in the week of May 18-25. Fields 51/51, 121/122 were sampled after hoeing. Fields 191/192 were sampled before hoeing. The soil surface roughness of fields 191/192 was visually estimated to have the same RMS as fields 121/122. In all other fields, no major cultivation activities had been carried out and therefore the RMS value for the soil surface roughness was considered to be the same as at sortie 1.

5.2.3 Sortie 3, 87.06.15

Soil moisture

The weather was dry during sampling, but rain showers in the preceding days had caused a moist to wet soil surface. The

sampling was done according to the method mentioned in section 5.1.1 and was hampered slightly because of the stickiness of the clay.

Soil surface roughness

No major cultivation activities had taken place. Soil surface roughness remained unchanged for all fields.

5.2.4 Sortie 4, 87.07.06

Soil moisture

Weather conditions were good and, in places, a dry soil surface permitted the sampling according to the method described in 5.1.1.

Soil surface roughness

A thin crust had formed on the surface layer of most of the fields. The effect on the soil surface roughness was minimal, leaving the RMS values the same.

5.2.5 Sortie 5, 87.07.31

Soil moisture

Rain during the days before sortie 5 meant that no dry topsoil layer was present. It was visually estimated that the moisture content throughout the topsoil over the 0-5 cm depth was relatively high. Therefore, the soil moisture sampling was modified. In every field 3 locations were chosen. At all locations 2 samples from 0-5 cm depth were taken and bulked (no stratification).

Soil surface roughness

No major cultivation activities had taken place. Soil surface roughness remained unchanged for all fields.

5.2.6 Sortie 6, 87.09.08

Soil moisture

As sortie 5.
Fields 10, 40, 113/114/115, 201/202 had been harvested and were therefore not sampled.

5.3 Data summary

All soil data for all sorties are presented in appendix B of this report. Table 5.1 gives the data for the soil moisture content of the moist topsoil for the depth 0 -5 cm, and the RMS values of the perpendicularly and parallel observed surface roughnesses.

Table 5.1 Soil moisture content of the 0 - 5 cm topsoil and soil surface roughness

Field reference number	Volumetric soil moisture content Sortie date 18-5	01-6	15-6	06-7	31-7	08-9	Soil surface roughness RMS perp. -	RMS perp. +	RMS para. -	RMS para. +
FL0030.WHE	34.9	32.3	34.0	20.3	37.9	39.7	1.05	1.05	0.68	0.68
FL0040.WHE	35.0	30.7	36.5	24.8	35.2	*	1.74	1.74	0.97	0.97
FL0113.WHE	34.8	31.2	36.5	20.5	36.3	*	0.82	0.82	0.62	0.62
FL0201.WHE	35.6	30.5	33.2	23.4	34.0	*	0.77	0.77	0.74	0.74
FL0010.BAR	34.3	33.8	36.6	27.6	39.0	*	0.85	0.85	0.54	0.54
FL0051.SBT	37.4	29.1	30.3	25.4	36.2	37.3	0.97	1.37	0.59	0.63
FL0122.SBT	34.9	27.0	32.5	26.7	34.8	35.0	0.97	1.15	0.59	0.48
FL0191.SBT	34.2	32.7	35.9	25.7	33.1	38.0	0.97	1.15	0.59	0.48
FL0061.POT	30.3	24.8	27.7	19.1	28.8	38.0	*	*	*	*
FL0100.POT	31.9	25.4	26.9	19.7	28.6	34.7	*	*	*	*
FL0180.POT	31.5	26.0	27.2	19.5	33.4	40.4	*	*	*	*
FL0022.BEA	33.7	30.5	32.7	19.5	35.3	37.5	1.71	1.71	0.58	0.58

* not measured - = before hoeing + = after hoeing

6 COLLECTION OF DATA ON VEGETATION

6.1 Methodology of the intensive crop survey

6.1.1 Cereals:

Field sampling

Ground truth collection in previous campaigns and reports from the IJsselmeer Polder Development Authority indicate a large degree of uniformity in soil moisture regime and natural fertility of the soils in the Flevopolder. For field sampling of cereals, 2 samples of 1 m2 each are therefore sufficient for an accurate assessment of field-average crop parameters.

In the week prior to the second DUTSCAT flight, most fields were chemically treated for weed control. This resulted in yellowing of leaf tips of the plants at various spots in the fields. Therefore, at the second flight, 3 samples of 1 m2 each were taken.

The samples were analysed in the laboratory. The following parameters were measured in the field:

- Crop height: crop height was averaged over 20 independent field measurements distributed around the location of the sampling places. The height was measured from the soil to the top of the crop canopy (top leaves or ears) in natural position.

- Crop cover and weed cover: These were visually estimated at about 20 places around the sampling locations. The following accuracies of estimation are given for the various classes of soil cover:

```
 1 -   4%: accuracy of +/- 1%
 5 -   9%: accuracy of +/- 2%
10 -  19%: accuracy of +/- 3%
20 -  39%: accuracy of +/- 4%
40 -  79%: accuracy of +/- 5%
80 -  89%: accuracy of +/- 3%
90 -  94%: accuracy of +/- 2%
95 - 100%: accuracy of +/- 1%
```

In 3 of the 7 cereal fields, an undergrowth of the green manure Lolium multiflorum had been sown. This green manure was classified as weed.

- Growth stage: various scales have been developed to quantify the growth stage of cereals, e.g. the Feekes scale and the Zadoks Decimal Code (Zadoks et al., 1974). The latter scale was chosen because of its finer subdivision into stages of growth (Appendix A1). The Decimal Code of the crop was visually determined in the field following the guidelines given by Tottman et al.

- Row and plant spacing: all crops in the test area are sown with precision sowing machines. There is no within-field variation in row spacings, but row spacings between fields may vary according to the adjustment of the sowing machine. The row spacing in the field was measured with a tape measure at a number of places. The plant spacing within the rows was not measured.

Laboratory analyses

- Canopy biomass and moisture content: the fresh weight of all samples was measured either immediately upon arrival in the laboratory or after one night in a cool-cell. The samples from 1 field were then mixed and a subsample of about 0.5 kg fresh weight was taken for the determination of fresh and dry biomass and the moisture content of the ears, stems and each layer of leaves separately. Since this determination was only performed on 1 subsample, no standard deviation could be calculated for these parameters. Research results at CABO, however, indicate that the spatial variation in dry matter content within a field is very small, about 1%. It was therefore assumed that this was the accuracy of the determined moisture content. The moisture content was calculated from:

moisture content = 100 * (1 - dry weight/fresh weight)%

- Number of stems: all stems of each sample of 1 m2 were counted, but only after flowering had taken place. Before flowering, not all stems are viable and many stems die and disappear during the stage of vegetative growth.

- Dimension and number of leaves and ears: these parameters were measured on 15 stems taken from the 2 field samples of 1 m2.
The length of a leaf was measured from its point of attachment to the stem to its tip, flattened out across a ruler. The width of a leaf was measured across the broadest part of the leaf. The top leaf of a plant was always taken as the flag leaf. Therefore it can happen, especially in barley, that the flag leaf of a fully developed plant is smaller than the flag leaf of a plant still in its vegetative period of growth. The length of the ear stem was measured from the point of attachment of the flag leaf to the beginning of the ear.
The number of leaves per plant only included green and yellow leaves. Dry, withered and brown leaves (if present) were not taken into consideration.

- Leaf Area Index LAI: a total of 50 stems was selected from the two field samples of 1 m2. From each layer of leaves (flag leaf, first leaf, second leaf, etc) the total fresh weight was measured and the total leaf area determined with the 'Leaf Area Meter' (Appendix II). The LAI was then calculated for each layer of leaves separately from:

LAI = [(fresh weight/m2)/(fresh weight 50 stems)] * leaf area 50 stems

The LAIs per leaf area were cumulated to determine the total LAI for the crop.

6.1.2 Beet

Field sampling

At 2 locations in the same field, the above-ground plant material of a row of beet of 5 m length was harvested for analysis in the laboratory. At the second flight, 3 rows of 5 m each had been harvested. The following parameters were measured in the field:

- Crop height: as for cereals.

- Crop cover and weed cover: as for cereals.

- Row spacing: in the test area beet is sown with a precision sowing machine in rows 50 cm apart.

- Plant spacing and plant density: All beet plants in a 20 m length of row were counted at 4 different locations around the sampling places. The plant spacing within the row was calculated and with the row spacing was used to compute the plant density.

- Plant diameter and leaf dimension: the plant diameter was measured and averaged over 20 plants in the same row. This was done until the crop canopy had closed, i.e. until the fifth flight.
The leaf dimensions of the largest leaves of the same plants were measured. The length of the leaf was measured from the point where the leaf blade widens out from the leaf stem to the tip of the leaf blade. The width of the leaf was measured across its broadest part.

Laboratory analyses

- Canopy biomass and moisture content: all field samples of 1 m2 were weighed in the laboratory to determine the fresh biomass. A subsample of the leaf blades and leaf stems (including the largest part of the midrib) of about 0.5 kg fresh weight each was taken for the determination of the dry biomass and the moisture content. For the accuracy and the calculation procedure, the reader is referred to the description for cereals. The number of leaves per plant in all samples of 1 m2 was also counted.

- LAI: the LAI was determined on about 40 leaf blades following the procedure given for cereals.

6.1.3 Potatoes

Field sampling

At 2 locations in the field, the above-ground plant material of a 5 m row of potatoes was harvested for analysis in the laboratory. At the second flight, 3 rows of 5 m length each had been harvested. The following parameters were measured in the field:

- crop height: the crop height was measured from the top of the ridges to the top of the canopy. Measurements at 20 individual locations around the sampling places were averaged to give the mean value of crop height.

- Crop cover and weed cover: as for cereals.

- Row spacing: potatoes in the test area are planted on ridges that are 75 cm apart.

- Plant spacing, plant density and plant diameter: as for beet.

Laboratory analyses

- Canopy biomass, moisture content and LAI: as for beet. The LAI was determined on a subsample of leaves of about 0.5 kg fresh weight. Fresh and dry biomass values and moisture content were determined separately for the leaves and stems.

6.1.4 Beans

At 2 locations in the field, a 5 m row of beans was harvested for analysis in the laboratory. At the second flight, 3 rows of 5 m were harvested. The following parameters were measured in the field:

- Crop height: as for cereals

- Crop cover and weed cover: as for cereals.

- Row spacing: the beans were sown with a precision sowing machine in rows 50 cm apart.

- Plant spacing and plant density: as for beet.

Laboratory analyses

- Canopy biomass, moisture content and LAI: as for beet. The LAI was determined on a subsample of leaves of about 0.5 kg fresh weight. The fresh and dry biomass and the moisture content were determined separately for the leaves, stems and pods.

- Dimension of the leaves: the dimensions of all leaflets of the composite leaves on the first 50 cm from the top of the stem were measured from a subsample of 20 stems. The average length and width (measured across the broadest part of the leaflets) is given.

6.2 Conditions at DUTSCAT overpass

6.2.1 Sortie 1, 87.05.18

Cereals:

Field FL 0010: measurements of LAI and fresh and dry biomass were performed on the whole plant. At this early stage of the growth, leaves were hardly distinguishable from stems.

Field FL 0030: as field FL 0010

Field FL 0040: some stems had been killed by frost. This made the crop irregular in appearance. The leaf tips of some plants had been killed by the chemical treatment for weed control. Measurements of LAI and biomass, as for FL 0010.

Field FL 0113: as for FL 0010

Field FL 0114: as for FL 0010

Field FL 0201: as for FL 0010

Beet:

Field FL 0051: measurements of LAI and fresh and dry biomass were performed on the whole plant. At this early stage of the growth, the leaf blades were hardly distinguishable from leaf stems. Appendix A3 illustrates the visual appearance of beet on the various days of the DUTSCAT overpass.

Field FL 0122: a somewhat irregular emergence of the crop. Some damage had been caused by a hailstorm and the leaves had suffered a minor attack of caterpillars. Measurements of LAI and biomass were performed on the whole plant.

Field FL 0191: a relatively large amount of shells was present in the field. Measurements of LAI and biomass were performed on the whole plant.

Potatoes:

Field FL 0062: bare soil; no emergence of the crop yet

Field FL 0100: bare soil; no emergence of the crop yet

Field FL 0180: bare soil; no emergence of the crop yet. Appendix A4 illustrates the visual appearance of potatoes on the various days of the DUTSCAT overpass.

Beans:

Field FL 0022: not all plants had emerged. This led to variations in value for the plant density and plant spacing from measurements later in the growing season. The field contains a relatively large amount of shells.

6.2.2 Sortie 2, 87.06.01

Cereals:

Field FL 0010: the moisture content of the crop canopy was determined from the whole plants and not from the leaves and stems individually.

Field FL 0030: as field FL 0010. No undergrowth of green manure present.

Field FL 0040: as field FL 0010. An undergrowth of the green manure Lolium multiflorum was present. The crop was irregular in appearance. The general inclination angle of the top leaves was 0 - 30 degrees off nadir.

Field FL 0113: as field FL 0010. The crop was very uniform in appearance. An undergrowth of the green manure Lolium multiflorum was present.

Field FL 0114: as field FL 0010. The crop was uniform in appearance. An undergrowth of the green manure Lolium multiflorum was present. The top leaf was erect, 0 degrees off nadir, and the second leaf was horizontal, 90 degrees off nadir.

Field FL 0201: as field FL 0010. No undergrowth of green manure present. The top leaf was erect and the bent over second leaf was higher than the top leaf.

Beet:

Field FL 0051: measurements of LAI and fresh and dry biomass were performed on the whole plant. At this stage of the growth, the leaf blades were hardly distinguishable from the leaf stems. The leaf stems were 45 degrees off nadir and the leaf blades were horizontal.

Field FL 0122: as field FL 0051. The crop emergence was not yet 100% which rendered the plant spacing somewhat irregular. Mechanical weeding had taken place between the rows. Within the rows, a thin soil crust was present between the plants.

Field FL 0191: as field FL 0051. The crop was uniform in appearance.
40% of the soil surface was still moist, but the remaining 60% was dry.

Potatoes:

Field FL 0062: a healthy crop, regular in appearance. The dominant leaf inclination angle was horizontal.

Field FL 0100: as field FL 0062.

Field FL 0180: as field FL 0062.

Beans:

Field FL 0022: a healthy crop, regular in appearance. All plants had emerged and were above-ground.

6.2.3 Sortie 3, 87.06.15

Cereals:

Field FL 0010: top leaves were horizontally.

Field FL 0030: 70% of the top leaves were bent horizontally and the other 30% were erect, i.e. 0 degrees off nadir.

Field FL 0040: the crop was still somewhat irregular in appearance. The inclination angle of the top leaves varied from erect to bent over (drooping).

Field FL 0113: the inclination angle of the top leaves varied from erect to bent over (drooping).

Field FL 0114: 98% of the top leaves were bent over (drooping).

Field FL 0201: 60% of the top leaves were drooping and 40% were erect. The top of the emerging ears reached to the point at which the top leaves were attached to the stems.

Beet:

Field FL 0051: healthy crop. The average inclination angle of the leaves was less than 90 degrees of nadir.

Field FL 0122: the crop was irregular in plant spacing and plant dimension. The leaves had been attacked by small flies. The leaf inclination angle varied from 30 - 90 degrees off nadir.

Field FL 0191: The leaf inclination angle varied from 0 - 45 degrees off nadir.

Potatoes:

Field FL 0062: the crop canopy was almost closed within the rows. The dominant leaf inclination angle was horizontal.

Field FL 0100: the crop canopy had not yet closed within the rows. The dominant leaf inclination angle was horizontal.

Field FL 0180: the crop canopy was almost closed within the rows. The dominant leaf inclination angle was horizontal.

Beans:

Field FL 0022: the crop of leaves in the top of the canopy had a random of distribution leaf inclination. The leaves immediately under this crop were horizontal. These were the largest leaves present in the canopy.

6.2.4 Sortie 4, 87.07.06

Cereals:

Field FL 0010: ears protruded above the top leaves of the canopy. Ears and needles were erect, 0 degrees off nadir. At this flight the number of stems per m2 was counted.

Field FL 0030: ears protruded above the top leaves of the canopy. The top leaves were erect. At this flight the number of stems per m2 was counted.

Field FL 0040: ears and top leaves were on the same level in the canopy. Half of the top leaves sloped upward whereas the other half were bent over (drooping.) The tips of the top leaves were turning yellow. At this flight the number of stems per m2 was counted.

Field FL 0113: ears protruded above the top leaves of the canopy. The top leaves were bent and drooping. At this flight the number of stems per m2 were counted.

Field FL 0114: ears not yet protruding completely above the top leaves of the canopy. At this flight the number of stems per m2 was counted.

Field FL 0201: ears just protruding above the top leaves of the canopy. The inclination angle of the top leaves varied from sloping upward to drooping. At this flight the number of stems per m2 was counted.

Beet:

Field FL 0051: fresh, green crop canopy. The leaf inclination angle varied from 0 - 45 degrees off nadir.

Field 0122: healthy crop. The leaf inclination angle varied from 0 - 90 degrees off nadir.

Field FL 0191: fresh, green crop canopy. The leaf inclination varied from 0 - 90 degrees off nadir.

Potatoes:

Field FL 0062: the crop canopy was completely closed, with a somewhat undulating surface. The dominant angle of leaf inclination was horizontal.

Field FL 0100: the crop canopy was completely closed. The dominant angle of leaf inclination was horizontal.

Field FL 0180: the crop canopy was completely closed, with a somewhat undulating surface. The dominant angle of leaf inclination was horizontal.

Beans:

Field FL 0022: fresh, green crop canopy in full flower.

6.2.5 Sortie 5, 87.07.31

Cereals:

Field FL 0010: 30% of the ears weres bent horizontally, 40% sloped upward and 30% were erect. The second leaf layer had turned yellow. The number of stems per m2 was counted.

Field FL 0030: the tips and edges of the top leaves were turning brown. From the second leaf layer down all leaves were brown and dead. The number of stems per m2 was counted.

Field FL 0040: the tips and edges of the top leaves were turning brown. The number of stems per m2 was counted.

Field FL 0113: the tips of the top leaves were brown. From the second leaf layer down all leaves were turning yellow. The number of stems per m2 was counted.

Field FL 0114: the tips of the top leaves were brown. From the third leaf layer down all leaves were turning yellow. The number of stems per m2 was counted.

Field FL 0201: the top leaves had been damaged by small flies. From the second leaf layer down 30% of the leaves were brown and dead. The number of stems per m2 was counted.

Beet:

Field FL 0051: the dominant leaf angle was erect. At this flight the moisture content of the canopy was measured from the whole plants and not from the leaf blades and leaf stems individually.

Field FL 0122: a healthy crop. The angle of leaf inclination varied from horizontal to vertical. At this flight the moisture content of the canopy was measured from the whole plants and not from the leaf blades and leaf stems individually.

Field FL 0191: The angle of leaf inclination varied from horizontal to vertical. At this flight the moisture content of the canopy was measured on the whole plants and not on the leaf blades and leaf stems individually.

Potatoes:

Field FL 0062: 5% of the crop had lodged because of heavy rain. The tops of the composite leaves were drooping. The crop was turning yellow, in the lowest parts of the canopy. At this flight the moisture content of the canopy was measured from the whole plants and not from the leaf blades and leaf stems individually.

Field FL 0100: 10% of the crop had lodged because of heavy rains. The tops of the composite leaves were drooping. The crop was turning yellow in the lowest parts of the canopy. At this flight the moisture content of the canopy was measured from the whole plants and not from the leaf blades and leaf stems individually.

Field FL 0180: 5% of the crop had lodged due to heavy rain and part of the crop had collapsed into the furrows. The crop was yellow in the lowest parts of the canopy. The composite leaves were partly sloping upward and partly drooping. At this flight the moisture content of the canopy was measured from the whole plants and not from the leaf blades and leaf stems individually.

Beans:

Field FL 0022: fresh, green crop with no yellowing yet. The average angle of leaf inclination was 45 degrees from the stem. The crop was slightly bent eastward with an inclination angle of 30 degrees off nadir. At this flight the moisture content of the canopy was measured from the whole plants and not from the leaf blades and leaf stems individually.

6.2.6 Sortie 6, 87.09.08

Cereals:

Field FL 0010: the crop had been harvested. During the DUTSCAT overpass the soil was being ploughed and harrowed.

Field FL 0030: the crop was mature with withered, brown leaves. No laboratory analyses were performed on the leaves (LAI, leaf weight, etc).

Field FL 0040: the crop had been harvested. The straw had been collected in ridges on the land.

Field FL 0113: the crop had been harvested. The straw had been dispersed between the stubble on the land. No bare soil was visible.

Field FL 0114: the crop had been harvested. The straw had been dispersed between the stubble on the land. No bare soil was visible.

Field FL 0201: the crop had been harvested. The straw had been collected in ridges on the land.

Beet:

Field FL 0051: a fresh, green crop canopy. The average angle of leaf inclination varied from 0 - 30 degrees off nadir.

Field FL 0122: some small holes (from caterpillars) were present in the leaf blades. The angle of leaf inclination varied from vertical to horizontal.

Field FL 0191: healthy crop. The angle of leaf inclination varied from vertical to horizontal.

Potatoes:

Field FL 0062: the surface of the crop canopy was irregular. The crop had collapsed into the furrows and patches of bare soil were visible (1%). The top leaves were mainly horizontal. The crop was yellow in the lowest parts of the canopy.

Field FL 0100: the surface of the crop canopy was irregular. The crop had collapsed into the furrows and patches of bare soil were visible (3%). The top leaves were mainly horizontal. The crop was yellow in the lowest parts of the canopy.

Field FL 0180: the surface of the crop canopy was irregular and the crop had collapsed into the furrows. No patches of bare soil were visible. The top leaves were mainly horizontal. The crop was yellow in the lowest parts of the canopy. At regular intervals, rape had grown in the crop, covering about 3% of the surface.

Beans:

Field FL 0022: the crop was practically dead, but for some withered green-brown leaves. The canopy structure was open and the stems were leaning eastwards with an inclination angle of 0 - 30% off nadir. No laboratory analyses (LAI, leaf weight, etc.) were performed on the leaves.

6.3 Extensive field observations

Apart from the fields on which an intensive measurement programme was carried out, some fields were extensively surveyed: FL 0171 maize; FL 0210 peas; FL 0061 potatoes; FL 0052, FL 0121, FL 0192 beet; FL 0202 wheat. The following observations and measurements were made: crop cover, weed cover, row spacing, row direction, crop height and anomalies in growth and development (if present). For beet and potatoes, plant spacing within the rows and plant density was also measured. The Decimal Code of the growth stage of wheat was determined.

The observations for the fields with beet, potatoes and wheat were the same as for neighbouring fields described in the previous paragraph. The following observations were made for maize and peas:

Maize:

Sortie 1: an open crop structure because of the cold weather
Sortie 2: a yellow crop because of the cold weather
Sortie 3: an open crop structure with only two layers of leaves
Sortie 4: fresh, green crop
Sortie 6: fresh, green crop with tassel

Peas:

Sortie 1: bare soil, no crop emergence
Sortie 4: appearance of first flowers
Sortie 5: growth and filling of the pods
Sortie 6: peas were harvested on 87.08.08. A green manure was sown afterwards.

The following remarks apply to the other fields in the DUTSCAT flight track which were not described in the previous paragraph: - No measurements were allowed in the fields FL 0130, FL 0140, FL 0151 and FL 0152. - The fields FL 0072, FL 0082 and FL 0115 were too small to give accurate radar backscatter values from the DUTSCAT. - Field FL 0091 was expected to be sown with grass and was therefore not incorporated in the measurement programme. As it turned out, potatoes were planted in this field.

7 DISCUSSION

The ground data collection campaign in the Flevoland test site was subject to many interactions which all influenced the result: the ground data to be stored in a data base. The overall conclusion for the campaign is that the result is satisfactory due to a number of reasons:
- the necessary contact between the radar measurement team and the ground data collection teams was arranged and functioned before and during the sorties
- the ground data collection team existed of a section for soil characteristics and one for vegetation characteristics. Each section had their specific knowledge and experience, but a close co-operation was arranged
- vital to the collection was the use of procedures for the description of agricultural crops in microwave backscattering and emission studies (Cihlar et al.). The Agriscatt data summary form, established during the campaign, was and will be in the campaigns to come a valuable tool for the set up and execution of the collection. Particularly the definition of the unit of measurement, the number of sites per field, the number of samples per site and the type of accuracy reflects the method (to be) used

It has to be remarked that the range of values for the soil moisture content of the top soil is limited because of the wet conditions in spring and summer 1987. The subdivision of the topsoil in a dry part and a moist part, and the latter into three layers deals with the need for data for modeling experiments. However, it is expected that for the operational application radar measurements reflect information about at least the first five centimetres depth regarding e.g. agricultural land(-evaluation)factors like workability if it concerns bare soil.

As for the methodology for the soil surface roughness the method used is easy to handle and the RMS roughness parameter can be derived. Recent experiments indicate that the RMS as the single value for the soil surface roughness has limited value in describing the agricultural important differences of the soil surface. Research efforts are made to establish a more relevant factor, that in the mean time can be measured as easy as the RMS in the field.

The requirements for data about the leaf inclination are difficult to fulfil in the field. Leaf inclination is a rather momentary feature (stage of development, effect of wind) and difficult to define. We realize that radar is effected by this feature but we think that research with radar (for modeling purposes) should occur first under well defined conditions, resulting in a parameter that can be measured or estimated in the field.

After all we may conclude that the implement of the radar cross section data base in 1987 has created a consistent structure for ground data collection in radar research.

8 REFERENCES

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Hunting Technical Services Ltd, June 1987. RCS Data Base and Data Guide Format.

Snoeij, P. and J.F. Swart, 1987. the DUT airborne scatterometer. International Journal of Remote Sensing. Vol. 8, nr. 11, pp. 1709-1716.

Tottman, P.R., R.J. Makespeace and H.R. Broad (undated). Identification of cereal growth stages. BASF United Kingdom limited.

Zadoks, J.C., T.T. Chang and C.F. Konzak, 1974. A decimal code for the growth stages of cereals. Weed Research, Vol. 14, pp. 415-421.

APPENDIX A

1 Zadoks' decimal code for the growth stages of cereals

2 Instrument function (Area Meter)

3 Field FL 0051 Sugarbeet - crop cover imagery

4 Field FL 0180 Potatoes - crop cover imagery

5 Aereal photography of the test site on the dates of sorties 2, 3, 4 and 6

Appendix 1 Zadoks' decimal code for the growth stages of cereals

Code		Code	
0	Germination	5	Inflorescence emergence
00	Dry seed	50 *	First spikelet of inflorescence just visible
01	Start of imbibition	51	
02	-	52	1/4 of inflorescence emerged
03	Imbibition complete	53	
04	-	54	1/2 of inflorescence emerged
05	Radicle emerged from caryopsis	55	
06	-	56	3/4 of inflorescence completed
07	Coleoptile emerged from caryopsis	57	
08	-	58	Emergence of inflorescence completed
09	Leaf just at coleoptile tip	59	
1	Seedling growth	6	Anthesis
10	First leaf through coleoptile	60	Beginning of anthesis (Not easily detectable in barley)
11	First leaf unfolded*	61	
12	2 leaves unfolded	62	-
13	3 leaves unfolded	63	-
14	4 leaves unfolded	64	Anthesis half-way
15	5 leaves unfolded	65	
16	6 leaves unfolded	66	-
17	7 leaves unfolded	67	-
18	8 leaves unfolded	68	Anthesis complete
19	9 or more leaves unfolded	69	
2	Tillering	7	Milk development
20	Main shoot only	70	-
21	Main shoot and 1 tiller	71	Caryopsis water ripe
22	Main shoot and 2 tillers	72	-
23	Main shoot and 3 tillers	73	Early milk
24	Main shoot and 4 tillers	74	-
25	Main shoot and 5 tillers	75	Medium milk (Increase in solids of liquid
26	Main shoot and 6 tillers	76	- endosperm notable when
27	Main shoot and 7 tillers	77	Late milk crushing the caryopsis
28	Main shoot and 8 tillers	78	- between fingers)
29	Main shoot and 9 or more tillers	79	-
3	Stem elongation	8	Dough development
30	Pseudo stem erection†	80	-
31	1st node detectable	81	-
32	2nd node detectable	82	-
33	3rd node detectable	83	Early dough
34	4th node detectable	84	-
35	5th node detectable	85	Soft dough (Finger-nail impression not held)
36	6th node detectable	86	-
37	Flag leaf just visible	87	Hard dough (Finger-nail impression held,
38	-	88	- inflorescence loosing chlorophyll)
39	Flag leaf ligule/collar just visible	89	-
4	Booting	9	Ripening
40	-	90	-
41	Flag leaf sheath extending	91	Caryopsis hard (difficult to divide by thumb-nail)
42	-	92	Caryopsis hard (can no longer be dented by thumb-nail)
43	Boots just visibly swollen	93	Caryopsis loosening in daytime
44	-	94	Over-ripe, straw dead and collapsing
45	Boots swollen	95	Seed dormant
46	-	96	Viable seed giving 50% germination
47	Flag leaf sheath opening	97	Seed not dormant
48	-	98	Secondary dormancy induced
49	First awns visible	99	Secondary dormancy lost

* Even code numbers refer to crops in which this stage is reached by all shoots simultaneously and odd numbers to unevenly developing crops when 50% of the shoots are at the stage given.

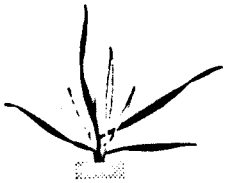
SEEDLING GROWTH - TILLERING

First leaf through coleoptile,
Growth stage: 10

First leaf unfolded,
Growth stage: 11

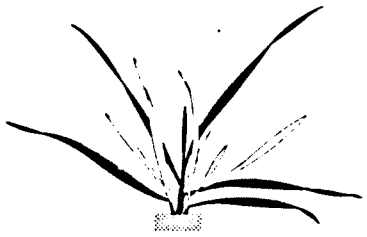
2 leaves unfolded,
Main shoot only,
Growth stage: 12, 20

3 leaves unfolded
Main shoot and 1 tiller,
Growth stage: 13, 21



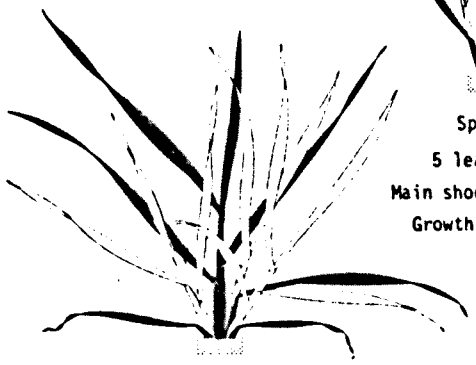
4 leaves unfolded,
Main shoot and 2 tillers,
Growth stage: 14, 22

SEEDLING GROWTH - TILLERING
- STEM ELONGATION



Winter wheat - 5 leaves unfolded,
Main shoot and 3 tillers,
Growth stage: 15, 23

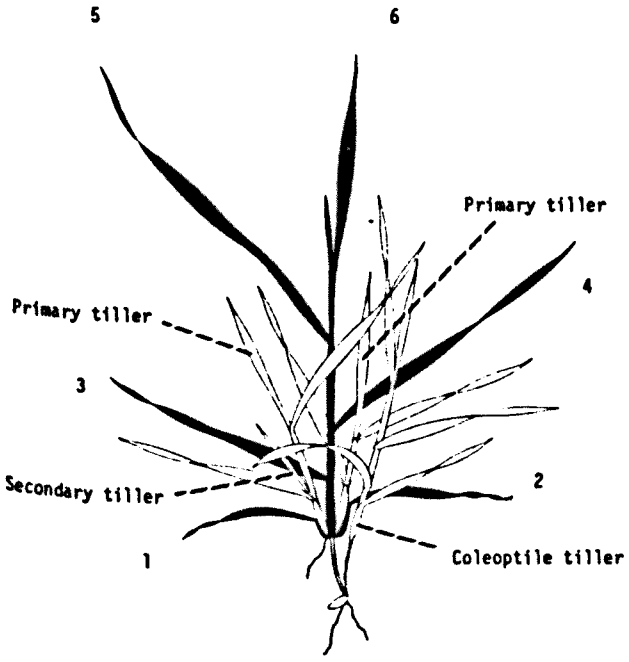
Spring wheat
5 leaves unfolded,
Main shoot and 2 tillers,
Growth stage: 15, 22



Winter wheat - 6 leaves unfolded,
Main shoot and 4 tillers,
Pseudostem erect,
Growth stage: 16, 24, 30

SEEDLING GROWTH - TILLERING

Main stem leaves and tillers

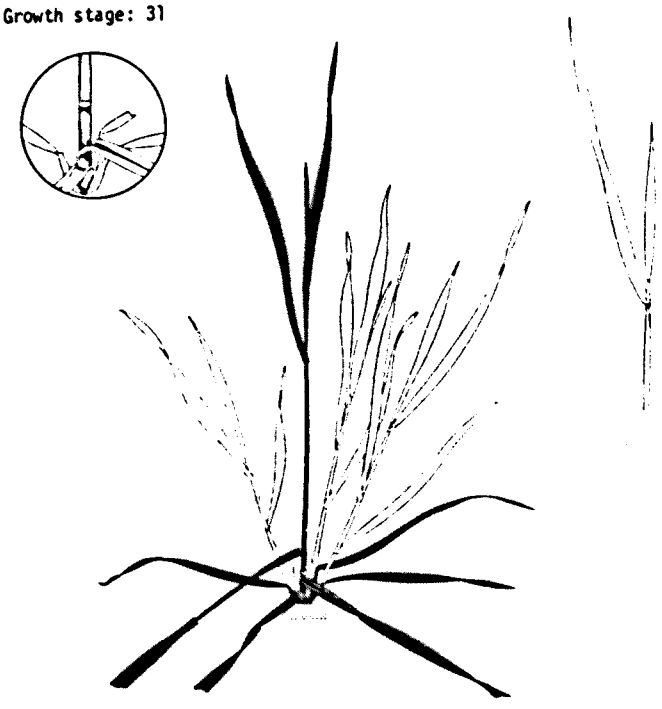


6 leaves unfolded,
Main shoot and 4 tillers,
Pseudostem erect,
Growth stage: 16, 24, 30

STEM ELONGATION

1st node detectable,
Growth stage: 31

Flag leaf ligule visible,
Growth stage: 39



8 leaves unfolded,
Main shoot and 3 tillers,
2nd node detectable,
(Leaf sheaths peeled back)
Growth stage: 18, 23, 32

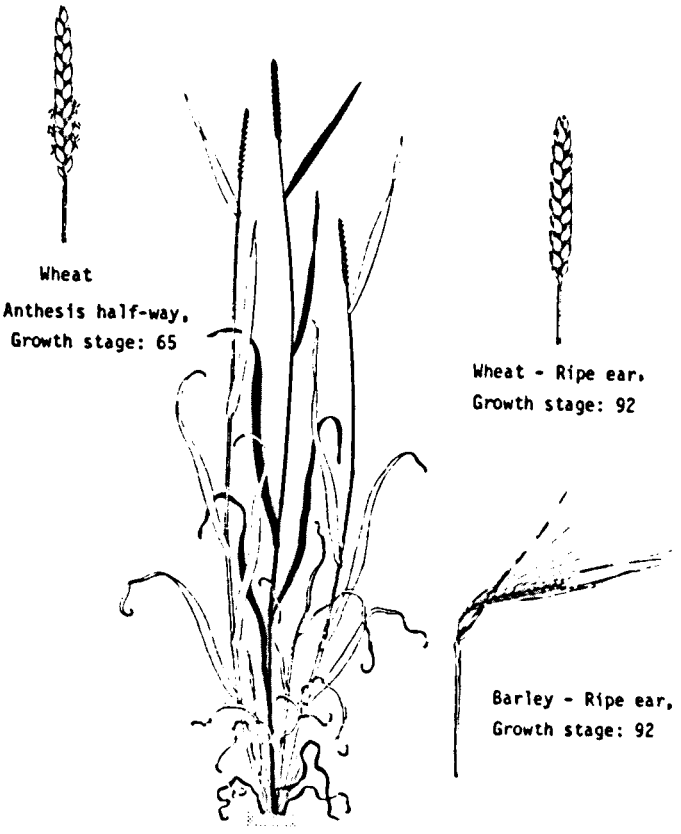
BOOTING

HEADING

Flag leaf sheath extending,
Growth stage: 41

Flag leaf sheath opening,
Growth stage: 47

Main shoot and 4 tillers,
(2 infertile), 4th node detectable,
Boots swollen,
Growth stage: 24, 34, 45



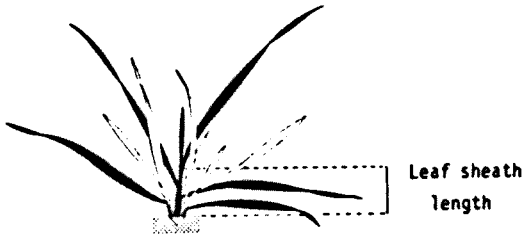
Wheat
Anthesis half-way,
Growth stage: 65

Wheat - Ripe ear,
Growth stage: 92

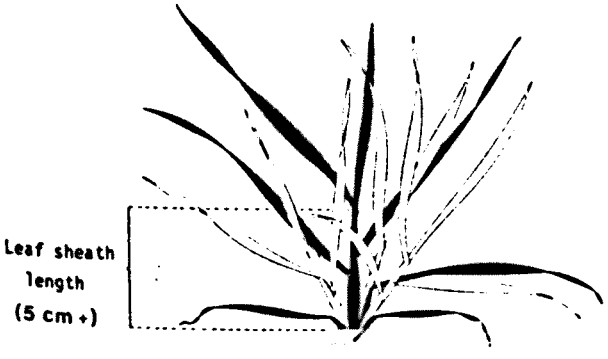
Barley - Ripe ear,
Growth stage: 92

Wheat - Main shoot and 4 tillers,
(2 infertile), 4th node detectable,
Soft dough stage,
Growth stage: 24, 34, 85

LEAF SHEATH MEASUREMENTS



Winter wheat - 5 leaves unfolded,
Main shoot and 3 tillers,
Growth stage: 15, 23



Winter wheat - 6 leaves unfolded,
Main shoot and 4 tillers,
Pseudostem erect,
Growth stage: 16, 24, 30

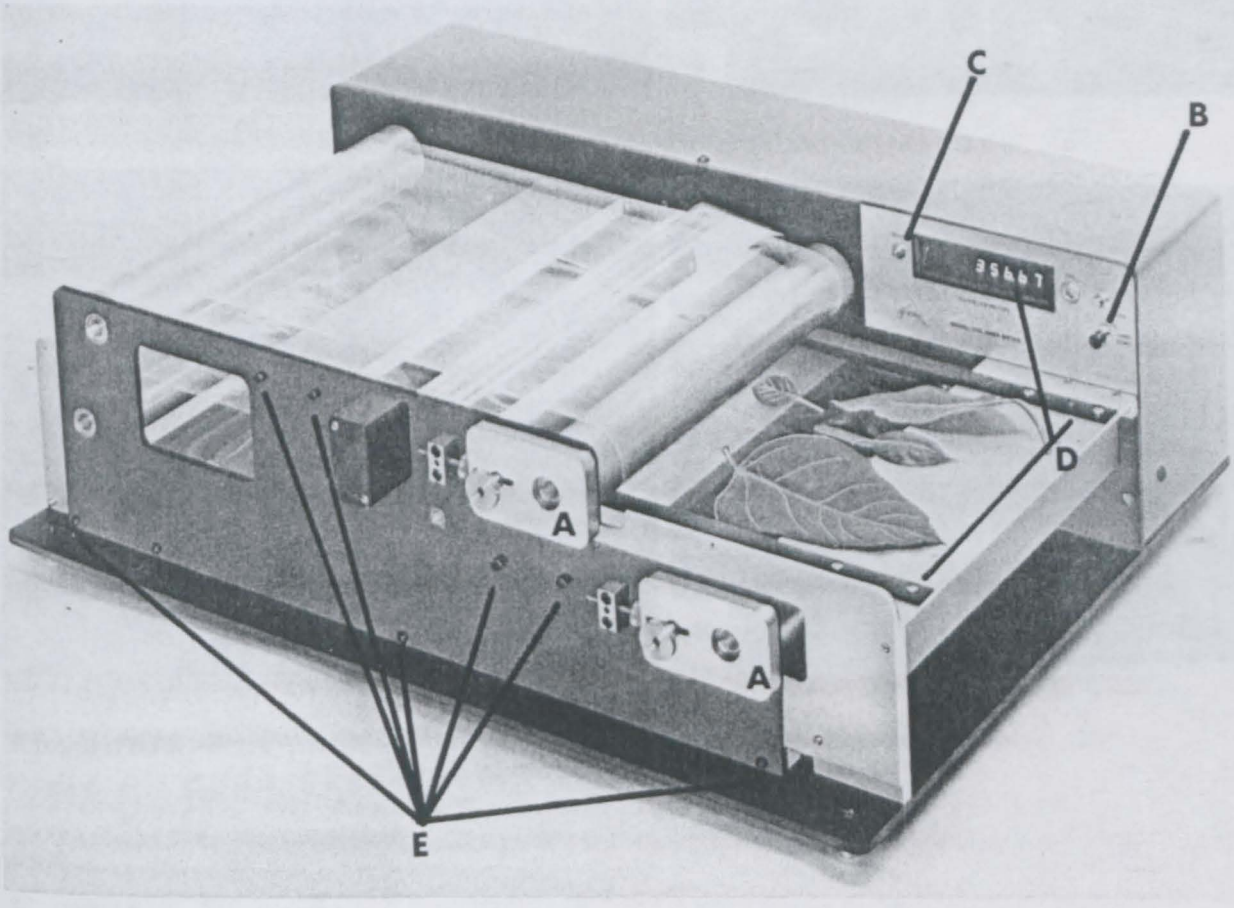
INSTRUMENT FUNCTION

The LI-3100 Area Meter is designed for biological or industrial applications requiring rapid, precise projected area measurements. Samples are placed between the guides on the lower transparent belt and allowed to pass through the instrument. As items travel under the 15 watt fluorescent light source, the image is reflected by a system of three mirrors to a solid state scanning camera within the rear housing. The mirrors are mounted on the instrument base plate. Two are visible under the transparent belts. The third is within the rear housing.

Object width is sensed by the scanning camera. Length information is provided by the current frequency as related to belt velocity.

Area integration is accomplished by components of the main printed circuit board mounted within the rear housing on the instrument rear plate

Data is presented on the light emitting diode (LED) display. Decimal location on the display is changed to suit the 1.0 or 0.1 mm^2 resolution requirement



Area Meter in 1.0 mm^2 Resolution Configuration.

a. Sliding bearing blocks.
b. "Lamp Start" switch.
c. "Reset" button.
d. Display decimal and sample guides in 1.0 mm^2 configuration.
e. Screws to be removed in order to detach the front panel.

Appendix 3
Field FL 0051 Sugarbeets

photo		cropcover
1	sortie 1	3
2	sortie 2	10
3	sortie 3	27
4	sortie 4	85
5	sortie 5	98
6	sortie 6	97

Appendix 4
Field FL 0180 Potatoes

photo		cropcover
1	sortie 1	0
2	sortie 2	15
3	sortie 3	40
4	sortie 4	98
5	sortie 5	85
6	sortie 6	97

sortie 2 87 06 01

210

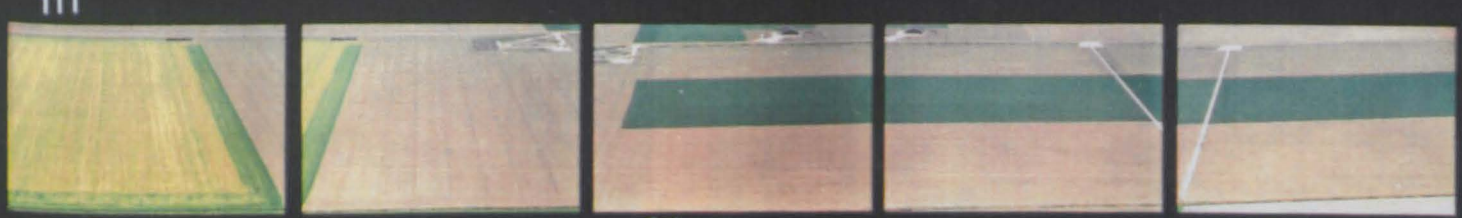
201 192 191 191 180 180 172

172 172 171 160 152 151 140

140 140 130 130 130

122 122 121 116 115 114 114 113

112 111 100 100 92 92 92

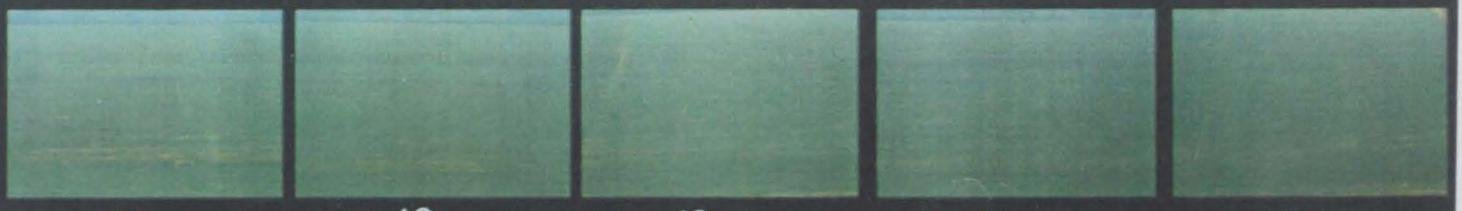


92 91 83 82 81 83 82 81 73 72 71

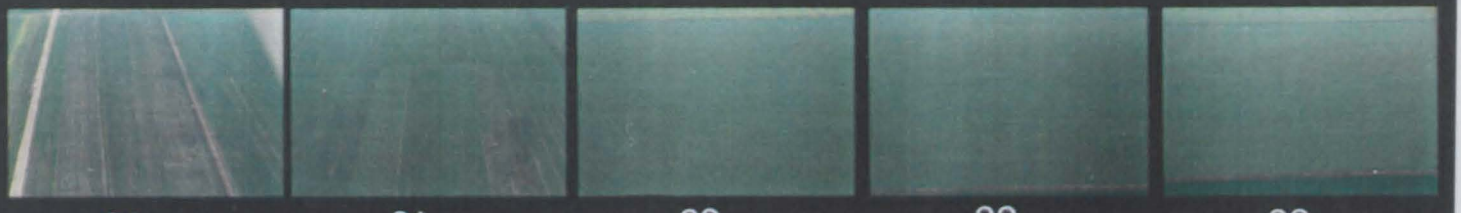
73 72 71 62 52 51 40 30

sortie 3 87 06 15

10

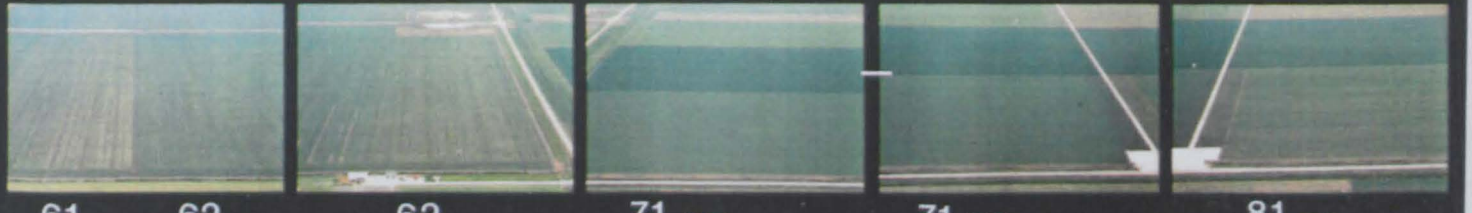


10 10 10 10 10



21 21 22 22 22

22 30 30 40 40 51 52 61



61 62 62 71 72 73 71 72 73 81 82 83

81 82 83 91 91 92 92 92

100 100 111 112 113 114 115 121

122 130 130 140 140 151

sortie 4 87 07 06


210


201 192


191


191 180


180


180 172


172 171


160 152


140


130


130


122

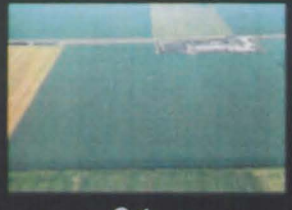

121 116 115 114 113 112 111


100


100 92


92


92


91


83 82 81


83 82 81


73 72 71


62


62


62 61

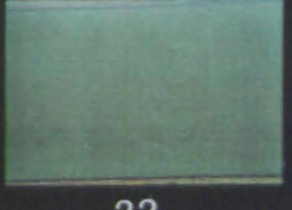

52 51


40


30


30


22


22


22


21


21


10


10


10

sortie 6 87 09 08

210 202

202 201 192

192 191

191 180

180 172

172

172 171 160

160 152

151 140

140

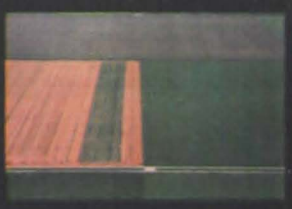
130

130 122

122

121 116 115

115 114 113



113 112 111 100

100

92

92

92 91

83 82 81

83 82 81

73 72 71

73 72 71

62

61 52

51

40

30

22

22

21

10

10

10

10

APPENDIX B

Soil, vegetation and radar data, stored in the Radar Cross Section Data Base d.d. February 1988 and parameter list for the RCS Data Base.

Note:
- The "Calibration Correction Values" d.d. March 1988 are presented on pages B23, B24 and B25.
- The list of data on pages B26 to B55 refers to the radar data before the application of the Calibration Correction Values. Each record consists of the field reference number, average time of overpass of a flight, with a specified angle of incidence and six sets of mean backscattervalue, type of accuracy, standard deviation and number of samples in the field.
- The radar data in the Radar Cross Section Data Base d.d. May 1988 are corrected values.

STUDYNAME	AGRISCATT
EXPDYYMMDD	870518; 870601; 870615; 870706; 870731; 870908
SITEDESCRI	Flevoland
FILEDESCRI	Field data
EXPERNAME	J.Stolp ; D.Uenk
EXPERINST	Stiboka ; CABO
SYSNAME	DUTSCAT
SYSOWNER	T.U. Delft NL
SYSTYPE	coh. pulse radar
PLATFORM	aircraft
ANTTYPE	0.9 m diameter parabolic dish
LOC_TOP	52,20 N 5,21 E 52,24 N 5,29 E
LOC_BOT	52,20 N 5,22 E 52,23 N 5,29 E

FIELDREF	SO_SERIES	SOIL_TYPE	LOC_FIELD	FIELDSIZE	SLOPE_ANG	SLOPE_DIR	ALTITUDE
FL0010.BAR	CALCERICFLUVISOL	MARINE CLAY	52,20 N 5,22 E	825000	0	0	-3
FL0022.BEA	CALCERICFLUVISOL	MARINE CLAY	52,21 N 5,23 E	575000	0	0	-3
FL0030.WHE	CALCERICFLUVISOL	MARINE CLAY	52,21 N 5,24 E	275000	0	0	-3
FL0040.WHE	CALCERICFLUVISOL	MARINE CLAY	52,21 N 5,24 E	135000	0	0	-3
FL0051.SBT	CALCERICFLUVISOL	MARINE CLAY	52,21 N 5,25 E	67500	0	0	-3
FL0052.SBT	CALCERICFLUVISOL	MARINE CLAY	52,21 N 5,25 E	67500	0	0	-3
FL0061.POT	CALCERICFLUVISOL	MARINE CLAY	52,22 N 5,25 E	92500	0	0	-3
FL0062.POT	CALCERICFLUVISOL	MARINE CLAY	52,22 N 5,25 E	180000	0	0	-3
FL0072.WHE	CALCERICFLUVISOL	MARINE CLAY	52,22 N 5,25 E	75000	0	0	-3
FL0091.POT	CALCERICFLUVISOL	MARINE CLAY	52,22 N 5,26 E	137500	0	0	-3
FL0100.POT	CALCERICFLUVISOL	MARINE CLAY	52,22 N 5,27 E	191000	0	0	-3
FL0113.WHE	CALCERICFLUVISOL	MARINE CLAY	52,22 N 5,27 E	57500	0	0	-3
FL0114.WHE	CALCERICFLUVISOL	MARINE CLAY	52,22 N 5,27 E	57500	0	0	-3
FL0115.WHE	CALCERICFLUVISOL	MARINE CLAY	52,22 N 5,27 E	42000	0	0	-3
FL0121.SBT	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,27 E	67000	0	0	-3
FL0122.SBT	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,27 E	134000	0	0	-3
FL0130.SBT	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,28 E	212500	0	0	-3
FL0140.POT	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,28 E	200000	0	0	-3
FL0151.WHE	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,28 E	65000	0	0	-3
FL0152.WHE	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,28 E	75000	0	0	-3
FL0171.COR	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,28 E	30000	0	0	-3
FL0180.POT	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,29 E	157500	0	0	-3
FL0191.SBT	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,29 E	115000	0	0	-3
FL0192.SBT	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,29 E	40000	0	0	-3
FL0201.WHE	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,29 E	40000	0	0	-3
FL0202.WHE	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,29 E	40000	0	0	-3
FL0210.BEA	CALCERICFLUVISOL	MARINE CLAY	52,23 N 5,29 E	73500	0	0	-3

CEREALS

RECORD	FIELDREF	DATOVRFL	SPECIES	VARIETY	PHENOLOGY	SOWDATE	PHENOCOMME	ABNORMALTI	CROPCONDIT	GROUNDCOND	WEEDCOVE	WCOVSTDEV
1	FL0030.WHE.870518	870518	WINTERWHEAT	OBELISK	26	999	861031	999	999	WET	0	A 1
2	FL0030.WHE.870601	870601	WINTERWHEAT	OBELISK	33-34	999	861031	999	999	MODERATELY DRY	0	A 1
3	FL0030.WHE.870615	870615	WINTERWHEAT	OBELISK	43	999	861031	999	999	MODERATELY DRY	0	A 1
4	FL0030.WHE.870706	870706	WINTERWHEAT	OBELISK	65	999	861031	999	999	DRY	0	A 1
5	FL0030.WHE.870731	870731	WINTERWHEAT	OBELISK	76	999	861031	999	flag edge brown	WET	0	A 1
6	FL0030.WHE.870908	870908	WINTERWHEAT	OBELISK	92	999	861031	999	all leaves dead	WET	0	A 1
7	FL0040.WHE.870518	870518	WINTERWHEAT	ARMINDA	25	999	861127	999	irreg.frostdamag	WET	1	A 1
8	FL0040.WHE.870601	870601	WINTERWHEAT	ARMINDA	33-34	999	861127	999	irreg.frostdamag	MODERATELY DRY	2	A 1
9	FL0040.WHE.870615	870615	WINTERWHEAT	ARMINDA	35-36	999	861127	999	irreg.frostdamag	MODERATELY DRY	2	A 1
10	FL0040.WHE.870706	870706	WINTERWHEAT	ARMINDA	65	999	861127	999	999	DRY	7	A 2
11	FL0040.WHE.870731	870731	WINTERWHEAT	ARMINDA	76	999	861127	999	flag edge brown	WET	10	A 3
12	FL0040.WHE.870908	870908	WINTERWHEAT	ARMINDA	999	999	999999	HARVESTED	999	999	30	A 4
13	FL0113.WHE.870518	870518	WINTERWHEAT	KRAKA	31	999	861101	999	999	WET	0	A 1
14	FL0113.WHE.870601	870601	WINTERWHEAT	KRAKA	34	999	861101	999	999	MODERATELY DRY	1	A 1
15	FL0113.WHE.870615	870615	WINTERWHEAT	KRAKA	43	999	861101	999	999	MODERATELY DRY	2	A 1
16	FL0113.WHE.870706	870706	WINTERWHEAT	KRAKA	65	999	861101	999	999	DRY	6	A 2
17	FL0113.WHE.870731	870731	WINTERWHEAT	KRAKA	76	999	861101	999	999	WET	10	A 3
18	FL0113.WHE.870908	870908	WINTERWHEAT	KRAKA	999	999	999999	HARVESTED	999	999	15	A 3
19	FL0114.WHE.870518	870518	WINTERWHEAT	OBELISK	31	999	861103	999	999	WET	0	A 1
20	FL0114.WHE.870601	870601	WINTERWHEAT	OBELISK	34	999	861103	999	999	MODERATELY DRY	1	A 1
21	FL0114.WHE.870615	870615	WINTERWHEAT	OBELISK	47	999	861103	999	999	MODERATELY DRY	2	A 1
22	FL0114.WHE.870706	870706	WINTERWHEAT	OBELISK	65	999	861103	999	999	DRY	5	A 2
23	FL0114.WHE.870731	870731	WINTERWHEAT	OBELISK	76	999	861103	999	999	WET	10	A 3
24	FL0114.WHE.870908	870908	WINTERWHEAT	OBELISK	999	999	999999	HARVESTED	999	999	20	A 4
25	FL0201.WHE.870518	870518	WINTERWHEAT	GRANTA	31	999	861018	999	999	WET	0	A 1
26	FL0201.WHE.870601	870601	WINTERWHEAT	GRANTA	33-34	999	861018	999	999	MODERATELY DRY	0	A 1
27	FL0201.WHE.870615	870615	WINTERWHEAT	GRANTA	43-47	999	861018	999	999	MODERATELY DRY	0	A 1
28	FL0201.WHE.870706	870706	WINTERWHEAT	GRANTA	65	999	861018	999	999	DRY	0	A 1
29	FL0201.WHE.870731	870731	WINTERWHEAT	GRANTA	76	999	861018	999	999	WET	0	A 1
30	FL0201.WHE.870908	870908	WINTERWHEAT	GRANTA	999	999	999999	HARVESTED	999	999	0	A 1
31	FL0202.WHE.870518	870518	WINTERWHEAT	OBELISK	31	999	861017	999	999	WET	0	A 1
32	FL0202.WHE.870601	870601	WINTERWHEAT	OBELISK	33-34	999	861017	999	999	MODERATELY DRY	0	A 1
33	FL0202.WHE.870615	870615	WINTERWHEAT	OBELISK	43-47	999	861017	999	999	MODERATELY DRY	0	A 1
34	FL0202.WHE.870706	870706	WINTERWHEAT	OBELISK	65	999	861017	999	999	DRY	0	A 1
35	FL0202.WHE.870731	870731	WINTERWHEAT	OBELISK	76	999	861017	999	999	WET	0	A 1
36	FL0202.WHE.870908	870908	WINTERWHEAT	OBELISK	999	999	999999	HARVESTED	999	999	999	999
37	FL0010.BAR.870518	870518	SPRINGBARLEY	GRIT	12	999	870417	999	999	WET	0	A 1
38	FL0010.BAR.870601	870601	SPRINGBARLEY	GRIT	14	999	870417	999	999	MODERATELY DRY	0	A 1
39	FL0010.BAR.870615	870615	SPRINGBARLEY	GRIT	31	999	870417	999	999	MODERATELY DRY	0	A 1
40	FL0010.BAR.870706	870706	SPRINGBARLEY	GRIT	57	999	870417	999	999	DRY	0	A 1
41	FL0010.BAR.870731	870731	SPRINGBARLEY	GRIT	76	999	870417	999	999	WET	0	A 1
42	FL0010.BAR.870908	870908	SPRINGBARLEY	GRIT	999	999	999999	HARVESTED	999	999	0	A 1

CEREALS

RECORD	WEEDCOVCOM	PLANTSPAC / ROWSPAC	PLSPSTDEV / TILLDENS	TLDENSTDEV	ROWDIR / CROPCOVER	CRCOVSTDEV / CROPHEIGHT	CRHEISTDEV	PFWEARS / FEARSSTDEV	PFWLEAVES	FLEAVSTDEV
1	999	0.13	99.99	999	999999	999	145	80 A 5	0.224	S 0.026	9999.999	999	9999.999	999
2	999	0.13	99.99	999	999999	999	145	85 A 3	0.477	S 0.020	9999.999	999	0.814	RX 82-120
3	999	0.13	99.99	999	999999	999	145	90 A 2	0.700	S 0.031	9999.999	999	0.774	RX 97-103
4	999	0.13	99.99	999	477	R 427 527	145	90 A 2	0.907	S 0.032	0.793	RX 93-107	0.752	RX 93-107
5	999	0.13	99.99	999	528	R 497 559	145	98 A 1	0.924	S 0.024	1.726	RX 91-109	0.629	RX 91-109
6	999	0.13	99.99	999	999999	999	145	70 A 5	0.853	S 0.014	0.915	RX 92-108	9999.999	999
7	LM undersowing	0.15	99.99	999	999999	999	145	60 A 5	0.166	S 0.021	9999.999	999	9999.999	999
8	LM undersowing	0.15	99.99	999	999999	999	145	80 A 3	0.401	S 0.048	9999.999	999	0.918	RX 96-109
9	LM undersowing	0.15	99.99	999	999999	999	145	90 A 2	0.632	S 0.038	9999.999	999	1.209	RX 95-106
10	LM undersowing	0.15	99.99	999	664	R 637 690	145	95 A 1	0.862	S 0.038	0.720	RX 94-106	1.042	RX 94-106
11	LM undersowing	0.15	99.99	999	631	R 557 705	145	99 A 1	0.868	S 0.023	1.666	RX 89-111	0.735	RX 89-111
12	999	99.99	99.99	999	999999	999	145	999 999	99.999	999	9999.999	999	9999.999	999
13	LM undersowing	0.19	99.99	999	999999	999	145	75 A 5	0.351	S 0.027	9999.999	999	9999.999	999
14	LM undersowing	0.19	99.99	999	999999	999	145	80 A 3	0.544	S 0.012	9999.999	999	1.070	RX 91-113
15	LM undersowing	0.19	99.99	999	999999	999	145	95 A 1	0.832	S 0.029	9999.999	999	1.191	RX 98-102
16	LM undersowing	0.19	99.99	999	704	R 700 708	145	98 A 1	1.140	S 0.054	0.801	RX 98-102	0.970	RX 98-102
17	LM undersowing	0.19	99.99	999	629	R 577 680	145	98 A 1	1.144	S 0.020	1.741	RX 94-106	0.832	RX 94-106
18	999	99.99	99.99	999	999999	999	145	999 999	99.999	999	9999.999	999	9999.999	999
19	LM undersowing	0.19	99.99	999	999999	999	145	80 A 3	0.401	S 0.020	9999.999	999	9999.999	999
20	LM undersowing	0.19	99.99	999	999999	999	145	95 A 1	0.637	S 0.029	9999.999	999	1.178	RX 93-106
21	LM undersowing	0.19	99.99	999	999999	999	145	95 A 1	0.823	S 0.020	9999.999	999	1.081	RX 95-105
22	LM undersowing	0.19	99.99	999	631	R 619 644	145	95 A 1	0.956	S 0.036	1.033	RX 97-103	1.024	RX 97-103
23	LM undersowing	0.19	99.99	999	547	R 503 591	145	98 A 1	0.930	S 0.016	1.788	RX 91-109	0.660	RX 91-109
24	999	99.99	99.99	999	999999	999	145	999 999	99.999	999	9999.999	999	9999.999	999
25	999	0.15	99.99	999	999999	999	145	60 A 5	0.399	S 0.033	9999.999	999	9999.999	999
26	999	0.15	99.99	999	999999	999	145	80 A 3	0.554	S 0.041	9999.999	999	1.143	RX 95-105
27	999	0.15	99.99	999	999999	999	145	95 A 1	0.804	S 0.021	9999.999	999	1.430	RX 82-118
28	999	0.15	99.99	999	695	R 682 707	145	98 A 1	0.986	S 0.021	0.841	RX 96-104	1.131	RX 96-104
29	999	0.15	99.99	999	670	R 640 700	145	98 A 1	0.885	S 0.017	1.839	RX 99-101	0.777	RX 99-101
30	999	99.99	99.99	999	999999	999	145	999 999	99.999	999	9999.999	999	9999.999	999
31	999	0.15	99.99	999	999999	999	145	80 A 3	0.391	S 0.021	9999.999	999	9999.999	999
32	999	0.15	99.99	999	999999	999	145	90 A 2	0.622	S 0.030	9999.999	999	9999.999	999
33	999	0.15	99.99	999	999999	999	145	95 A 1	0.801	S 0.022	9999.999	999	9999.999	999
34	999	0.15	99.99	999	999999	999	145	95 A 1	0.945	S 0.040	9999.999	999	9999.999	999
35	999	0.15	99.99	999	999999	999	145	98 A 1	0.952	S 0.018	9999.999	999	9999.999	999
36	999	99.99	99.99	999	999999	999	145	999 999	99.999	999	9999.999	999	9999.999	999
37	999	0.13	99.99	999	999999	999	55	25 A 4	0.083	S 0.011	9999.999	999	9999.999	999
38	999	0.13	99.99	999	999999	999	55	85 A 3	0.125	S 0.026	9999.999	999	0.626	RX 92-109
39	999	0.13	99.99	999	999999	999	55	97 A 1	0.350	S 0.044	9999.999	999	0.687	RX 94-106
40	999	0.13	99.99	999	772	R 678 866	55	87 A 3	0.958	S 0.041	0.508	RX 84-116	0.546	RX 84-116
41	999	0.13	99.99	999	734	R 709 759	55	92 A 2	0.838	S 0.024	1.165	RX 94-106	0.227	RX 94-106
42	999	99.99	99.99	999	999999	999	999	999 999	99.999	999	9999.999	999	9999.999	999

CEREALS

RECORD	PFWSTEMS	FSTEMSSTDEV	PFWTOTAL	FTOTASTDEV	PDWEARS	DEARSSTDEV	PDWLEAVES	DLEAVSTDEV	PDWSTEMS	DSTEMSTDEV	DTOTASTDEV PDWTOTAL
1	9999.999	999	1.090	RX 97-103	9999.999	999	9999.999	999	9999.999	999	0.189 RX 97-103
2	1.312	RX 82-120	2.127	RX 82-120	9999.999	999	0.143	RX 82-120	0.231	RX 82-120	0.374 RX 82-120
3	2.296	RX 97-103	3.069	RX 97-103	9999.999	999	0.177	RX 97-103	0.438	RX 97-103	0.615 RX 97-103
4	2.862	RX 93-107	4.407	RX 93-107	0.251	RX 93-107	0.224	RX 93-107	0.855	RX 93-107	1.330 RX 93-107
5	2.889	RX 91-109	5.244	RX 91-109	0.748	RX 91-109	0.209	RX 91-109	0.815	RX 91-109	1.772 RX 91-109
6	1.303	RX 92-108	2.218	RX 92-108	0.764	RX 92-108	9999.999	999	0.727	RX 92-108	1.491 RX 92-108
7	9999.999	999	0.620	RX 87-113	9999.999	999	9999.999	999	9999.999	999	0.109 RX 87-113
8	1.009	RX 96-109	1.927	RX 96-109	9999.999	999	0.144	RX 96-109	0.159	RX 96-109	0.303 RX 96-109
9	2.357	RX 95-106	3.566	RX 95-106	9999.999	999	0.234	RX 95-106	0.388	RX 95-106	0.622 RX 95-106
10	3.569	RX 94-106	5.331	RX 94-106	0.192	RX 94-106	0.293	RX 94-106	0.782	RX 94-106	1.267 RX 94-106
11	2.980	RX 89-111	5.381	RX 89-111	0.632	RX 89-111	0.213	RX 89-111	0.748	RX 89-111	1.593 RX 89-111
12	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999 999
13	9999.999	999	1.380	RX 97-103	9999.999	999	9999.999	999	9999.999	999	0.203 RX 97-103
14	1.730	RX 91-113	2.800	RX 91-113	9999.999	999	0.184	RX 91-113	0.298	RX 91-113	0.482 RX 91-113
15	3.159	RX 98-102	4.350	RX 98-102	9999.999	999	0.247	RX 98-102	0.499	RX 98-102	0.746 RX 98-102
16	4.648	RX 98-102	6.419	RX 98-102	0.276	RX 98-102	0.360	RX 98-102	1.117	RX 98-102	1.754 RX 98-102
17	3.991	RX 94-106	6.564	RX 94-106	0.819	RX 94-106	0.209	RX 94-106	0.953	RX 94-106	1.982 RX 94-106
18	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999 999
19	9999.999	999	1.620	RX 94-105	9999.999	999	9999.999	999	9999.999	999	0.238 RX 94-105
20	2.348	RX 93-106	3.526	RX 93-106	9999.999	999	0.205	RX 93-106	0.409	RX 93-106	0.614 RX 93-106
21	3.389	RX 95-105	4.470	RX 95-105	9999.999	999	0.231	RX 95-105	0.610	RX 95-105	0.841 RX 95-105
22	3.864	RX 97-103	5.921	RX 97-103	0.348	RX 97-103	0.316	RX 97-103	1.049	RX 97-103	1.713 RX 97-103
23	3.045	RX 91-109	5.494	RX 91-109	0.870	RX 91-109	0.158	RX 91-109	0.764	RX 91-109	1.793 RX 91-109
24	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999 999
25	9999.999	999	1.390	RX 96-104	9999.999	999	9999.999	999	9999.999	999	0.199 RX 96-104
26	1.731	RX 95-105	2.873	RX 95-105	9999.999	999	0.186	RX 95-105	0.282	RX 95-105	0.468 RX 95-105
27	3.044	RX 82-118	4.474	RX 82-118	9999.999	999	0.310	RX 82-118	0.488	RX 82-118	0.798 RX 82-118
28	3.620	RX 96-104	5.591	RX 96-104	0.251	RX 96-104	0.378	RX 96-104	0.879	RX 96-104	1.507 RX 96-104
29	3.212	RX 99-101	5.828	RX 99-101	0.785	RX 99-101	0.214	RX 99-101	0.863	RX 99-101	1.862 RX 99-101
30	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999 999
31	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999 999
32	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999 999
33	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999 999
34	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999 999
35	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999 999
36	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999 999
37	9999.999	999	0.240	RX 89-111	9999.999	999	9999.999	999	9999.999	999	0.037 RX 89-111
38	0.264	RX 92-109	0.890	RX 92-109	9999.999	999	0.091	RX 92-109	0.039	RX 92-109	0.130 RX 92-109
39	0.974	RX 94-106	1.660	RX 94-106	9999.999	999	0.117	RX 94-106	0.148	RX 94-106	0.265 RX 94-106
40	2.145	RX 84-116	3.200	RX 84-116	0.178	RX 84-116	0.200	RX 84-116	0.517	RX 84-116	0.895 RX 84-116
41	1.888	RX 94-106	3.280	RX 94-106	0.586	RX 94-106	0.050	RX 94-106	0.497	RX 94-106	1.132 RX 94-106
42	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999 999

CEREALS

RECORD	PMCEARS	MEARSSTDEV	PMCLEAVES	MLEAVSTDEV	PMCSTEMS	MSTEMSTDEV	PMCTOTAL	MTOTASTDEV	LAI	LAISTDEV	FLL	FLLSTDEV	FLW	FLWSTDEV	EL	ELSTDEV
1	9999.999 999		9999.999 999		9999.999 999		82.600 A 1		2.530	RX 97-103	99.999 999		99.999 999		99.999 999	
2	9999.999 999		82.400 A 1		82.400 A 1		82.400 A 1		4.000	RX 82-120	0.205 S 0.035		0.012 S 0.002		99.999 999	
3	9999.999 999		77.100 A 1		80.900 A 1		80.000 A 1		3.230	RX 97-103	0.210 S 0.028		0.019 S 0.002		99.999 999	
4	68.300 A 1		70.300 A 1		70.200 A 1		69.800 A 1		3.790	RX 93-107	0.235 S 0.018		0.017 S 0.001		0.073 S 0.010	
5	56.700 A 1		66.800 A 1		71.800 A 1		67.200 A 1		3.030	RX 91-109	0.238 S 0.034		0.018 S 0.002		0.076 S 0.008	
6	16.500 A 1		9999.999 999		44.200 A 1		32.800 A 1		9999.999 999		99.999 999		99.999 999		0.085 S 0.008	
7	9999.999 999		9999.999 999		9999.999 999		82.500 A 1		1.450	RX 87-113	99.999 999		99.999 999		99.999 999	
8	9999.999 999		84.300 A 1		84.300 A 1		84.300 A 1		3.910	RX 96-109	0.176 S 0.036		0.011 S 0.003		99.999 999	
9	9999.999 999		80.700 A 1		83.500 A 1		82.600 A 1		4.770	RX 95-106	0.228 S 0.046		0.017 S 0.002		99.900 999	
10	73.300 A 1		71.900 A 1		78.100 A 1		76.200 A 1		4.790	RX 94-106	0.238 S 0.028		0.018 S 0.002		0.071 S 0.014	
11	62.000 A 1		71.000 A 1		74.900 A 1		70.400 A 1		3.070	RX 89-111	0.216 S 0.029		0.017 S 0.002		0.076 S 0.009	
12	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999 999		99.999 999		99.999 999	
13	9999.999 999		9999.999 999		9999.999 999		85.300 A 1		2.970	RX 97-103	99.999 999		99.999 999		99.999 999	
14	9999.999 999		82.800 A 1		82.800 A 1		82.800 A 1		5.030	RX 91-103	0.243 S 0.014		0.016 S 0.007		99.999 999	
15	9999.999 999		79.300 A 1		84.200 A 1		82.900 A 1		5.240	RX 98-102	0.232 S 0.031		0.018 S 0.001		99.999 999	
16	65.500 A 1		62.900 A 1		76.000 A 1		72.700 A 1		4.910	RX 98-102	0.222 S 0.022		0.018 S 0.002		0.089 S 0.020	
17	53.000 A 1		74.800 A 1		76.100 A 1		69.800 A 1		3.230	RX 94-106	0.219 S 0.036		0.018 S 0.001		0.084 S 0.019	
18	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999 999		99.999 999		99.999 999	
19	9999.999 999		9999.999 999		9999.999 999		85.300 A 1		3.310	RX 94-105	99.999 999		99.999 999		99.999 999	
20	9999.999 999		82.600 A 1		82.600 A 1		82.600 A 1		5.770	RX 93-106	0.224 S 0.033		0.020 S 0.002		99.999 999	
21	9999.999 999		78.700 A 1		82.000 A 1		81.200 A 1		5.100	RX 95-105	0.198 S 0.028		0.019 S 0.002		99.999 999	
22	66.300 A 1		69.200 A 1		72.800 A 1		71.100 A 1		4.910	RX 97-103	0.215 S 0.025		0.018 S 0.002		0.083 S 0.009	
23	51.300 A 1		76.000 A 1		74.900 A 1		67.400 A 1		2.330	RX 91-109	0.228 S 0.035		0.018 S 0.001		0.078 S 0.009	
24	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999 999		99.999 999		99.999 999	
25	9999.999 999		9999.999 999		9999.999 999		85.700 A 1		2.600	RX 96-104	99.999 999		99.999 999		99.999 999	
26	9999.999 999		83.700 A 1		83.700 A 1		83.700 A 1		5.830	RX 95-105	0.233 S 0.025		0.015 S 0.002		99.999 999	
27	9999.999 999		78.300 A 1		84.000 A 1		82.200 A 1		6.130	RX 82-118	0.216 S 0.015		0.020 S 0.005		99.999 999	
28	70.200 A 1		66.600 A 1		75.700 A 1		73.000 A 1		5.170	RX 96-104	0.269 S 0.034		0.019 S 0.002		0.073 S 0.016	
29	57.300 A 1		72.400 A 1		73.100 A 1		68.000 A 1		3.170	RX 99-101	0.256 S 0.036		0.019 S 0.002		0.076 S 0.019	
30	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999 999		99.999 999		99.999 999	
31	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999 999		99.999 999		99.999 999	
32	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999 999		99.999 999		99.999 999	
33	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999 999		99.999 999		99.999 999	
34	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999 999		99.999 999		99.999 999	
35	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999 999		99.999 999		99.999 999	
36	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999 999		99.999 999		99.999 999	
37	9999.999 999		9999.999 999		9999.999 999		84.600 A 1		0.620	RX 89-111	0.140 S 0.015		0.010 S 0.002		99.999 999	
38	9999.999 999		85.500 A 1		85.300 A 1		85.400 A 1		2.676	RX 92-109	0.183 S 0.026		0.008 S 0.001		99.999 999	
39	9999.999 999		82.900 A 1		84.800 A 1		84.000 A 1		3.091	RX 94-106	0.152 S 0.029		0.006 S 0.003		99.999 999	
40	65.000 A 1		63.400 A 1		75.900 A 1		72.000 A 1		3.080	RX 84-116	0.086 S 0.016		0.006 S 0.002		0.064 S 0.009	
41	49.700 A 1		78.200 A 1		73.700 A 1		65.500 A 1		1.060	RX 94-106	0.087 S 0.024		0.006 S 0.000		0.068 S 0.008	
42	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999 999		99.999 999		99.999 999	

CEREALS

RECORD	DIEARLEAF	DIEFLSTDEV	FLD	FLOSTDEV	FLOCOMMENT	NLPT	NLPTSTDEV	NTPP	NTPPSTDEV	UCLI2	UCLI1	UCL1STDEV	UCL2STDEV	MCL1STDEV	MCLI2	MCLI1	MCL2STDEV	LCLI1	LCL1STDEV	LCLI2	LCL2STDEV
1	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
2	99.999	999	9999.999	999	999	3.600	S 0.5	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
3	99.999	999	9999.999	999	999	4.600	S 0.5	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
4	0.076	S 0.017	9999.999	999	999	3.600	S 0.5	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
5	0.081	S 0.050	9999.999	999	999	2.500	S 0.5	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
6	0.101	S 0.029	9999.999	999	999	0.000	S 0.0	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
7	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
8	99.999	999	9999.999	999	999	4.800	S 0.4	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
9	99.999	999	9999.999	999	999	4.400	S 0.9	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
10	0.111	S 0.015	9999.999	999	999	3.400	S 0.5	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
11	0.101	S 0.036	9999.999	999	999	2.300	S 1.0	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
12	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
13	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
14	99.999	999	9999.999	999	999	5.000	S 0.6	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
15	99.999	999	9999.999	999	999	3.800	S 0.8	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
16	0.194	S 0.021	9999.999	999	999	2.900	S 0.4	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
17	0.171	S 0.023	9999.999	999	999	1.800	S 0.7	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
18	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
19	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
20	99.999	999	9999.999	999	999	4.900	S 0.3	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
21	99.999	999	9999.999	999	999	3.800	S 0.4	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
22	0.083	S 0.039	9999.999	999	999	2.900	S 0.4	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
23	0.086	S 0.015	9999.999	999	999	2.100	S 0.4	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
24	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
25	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
26	99.999	999	9999.999	999	999	4.800	S 0.4	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
27	99.999	999	9999.999	999	999	4.200	S 0.5	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
28	0.084	S 0.040	9999.999	999	999	2.600	S 0.5	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
29	0.118	S 0.024	9999.999	999	999	1.400	S 0.5	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
30	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
31	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
32	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
33	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
34	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
35	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
36	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
37	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
38	99.999	999	9999.999	999	999	4.200	S 0.8	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
39	99.999	999	9999.999	999	999	5.600	S 0.5	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
40	0.001	S 0.002	9999.999	999	999	3.500	S 0.5	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
41	0.008	S 0.011	9999.999	999	999	3.100	S 0.4	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
42	99.999	999	9999.999	999	999	9999.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999

SUGARBEETS

RECORD	FIELDREF	DATOVRFL	SPECIES	VARIETY	SOWDATE PHENOLOGY	PHENOCOMME	ABNORMALTI	CROPCONDIT	GROUNDCOND	WEEDCOVERCOM WEEDCOVER WCOVSTDEV
1	FL0051.SBT.870518	870518	SUGARBEETS	SALAMIL	999 999	870414	999	999	WET	0 A 1 999
2	FL0051.SBT.870601	870601	SUGARBEETS	SALAMIL	999 999	870414	999	999	MODERATELY DRY	0 A 1 999
3	FL0051.SBT.870615	870615	SUGARBEETS	SALAMIL	999 999	870414	999	999	MODERATELY DRY	0 A 1 999
4	FL0051.SBT.870706	870706	SUGARBEETS	SALAMIL	999 999	870414	999	999	DRY	0 A 1 999
5	FL0051.SBT.870731	870731	SUGARBEETS	SALAMIL	999 999	870414	999	999	WET	0 A 1 999
6	FL0051.SBT.870908	870908	SUGARBEETS	SALAMIL	999 999	870414	999	999	WET	0 A 1 999
7	FL0052.SBT.870518	870518	SUGARBEETS	REGINA	999 999	870415	999	999	WET	0 A 1 999
8	FL0052.SBT.870601	870601	SUGARBEETS	REGINA	999 999	870415	999	999	MODERATELY DRY	0 A 1 999
9	FL0052.SBT.870615	870615	SUGARBEETS	REGINA	999 999	870415	999	999	MODERATELY DRY	0 A 1 999
10	FL0052.SBT.870706	870706	SUGARBEETS	REGINA	999 999	870415	999	999	DRY	0 A 1 999
11	FL0052.SBT.870731	870731	SUGARBEETS	REGINA	999 999	870415	999	999	WET	0 A 1 999
12	FL0052.SBT.870908	870908	SUGARBEETS	REGINA	999 999	870415	999	999	WET	0 A 1 999
13	FL0121.SBT.870518	870518	SUGARBEETS	ACCORD	999 999	870407	999	999	WET	0 A 1 999
14	FL0121.SBT.870601	870601	SUGARBEETS	ACCORD	999 999	870407	999	999	MODERATELY DRY	0 A 1 999
15	FL0121.SBT.870615	870615	SUGARBEETS	ACCORD	999 999	870407	999	999	MODERATELY DRY	0 A 1 999
16	FL0121.SBT.870706	870706	SUGARBEETS	ACCORD	999 999	870407	999	999	DRY	0 A 1 999
17	FL0121.SBT.870731	870731	SUGARBEETS	ACCORD	999 999	870407	999	999	WET	0 A 1 999
18	FL0121.SBT.870908	870908	SUGARBEETS	ACCORD	999 999	870407	999	999	WET	0 A 1 999
19	FL0122.SBT.870518	870518	SUGARBEETS	REGINA	999 999	870406	hail damage	999	WET	0 A 1 999
20	FL0122.SBT.870601	870601	SUGARBEETS	REGINA	999 999	870406	999	irregular crop	MODERATELY DRY	0 A 1 999
21	FL0122.SBT.870615	870615	SUGARBEETS	REGINA	999 999	870406	varying plantsize	irregular crop	MODERATELY DRY	0 A 1 999
22	FL0122.SBT.870706	870706	SUGARBEETS	REGINA	999 999	870406	999	999	DRY	0 A 1 999
23	FL0122.SBT.870731	870731	SUGARBEETS	REGINA	999 999	870406	999	999	WET	0 A 1 999
24	FL0122.SBT.870908	870908	SUGARBEETS	REGINA	999 999	870406	999	999	WET	0 A 1 999
25	FL0191.SBT.870518	870518	SUGARBEETS	REGINA	999 999	870406	999	999	WET	0 A 1 999
26	FL0191.SBT.870601	870601	SUGARBEETS	REGINA	999 999	870406	999	999	MODERATELY DRY	0 A 1 999
27	FL0191.SBT.870615	870615	SUGARBEETS	REGINA	999 999	870406	999	999	MODERATELY DRY	0 A 1 999
28	FL0191.SBT.870706	870706	SUGARBEETS	REGINA	999 999	870406	999	999	DRY	0 A 1 999
29	FL0191.SBT.870731	870731	SUGARBEETS	REGINA	999 999	870406	999	999	WET	0 A 1 999
30	FL0191.SBT.870908	870908	SUGARBEETS	REGINA	999 999	870406	999	999	WET	0 A 1 999
31	FL0192.SBT.870518	870518	SUGARBEETS	ACCORD	999 999	870407	999	999	WET	0 A 1 999
32	FL0192.SBT.870601	870601	SUGARBEETS	ACCORD	999 999	870407	999	999	MODERATELY DRY	0 A 1 999
33	FL0192.SBT.870615	870615	SUGARBEETS	ACCORD	999 999	870407	999	999	MODERATELY DRY	0 A 1 999
34	FL0192.SBT.870706	870706	SUGARBEETS	ACCORD	999 999	870407	999	999	DRY	0 A 1 999
35	FL0192.SBT.870731	870731	SUGARBEETS	ACCORD	999 999	870407	999	999	WET	0 A 1 999
36	FL0192.SBT.870908	870908	SUGARBEETS	ACCORD	999 999	870407	999	999	WET	0 A 1 999

SUGARBEETS

RECORD	PLANTSPAC / ROWSPAC	PLSPSTDEV	PLDENSTDEV / PLANTDENS	ROWDIR	CRCOVSTDEV / CROPCOVER	CROPHEIGHT	CRHEISTDEV	PLDI	PLDISTDEV	FLEAVSTDEV / PFWLEAVES	PFWSTEMS	FSTEMSTDEV
1	0.50	0.22 S 0.023	9 S 0.9	145	3 A 1	0.030	S 0.008	0.050	S 0.009	9999.999 999	9999.999 999	9999.999 999
2	0.50	0.22 S 0.007	9 S 0.3	145	10 A 3	0.074	S 0.016	0.178	S 0.033	9999.999 999	9999.999 999	9999.999 999
3	0.50	0.22 S 0.013	9 S 0.6	145	27 A 4	0.177	S 0.024	0.287	S 0.054	0.418 RX 78-122	0.186 RX 78-122	0.186 RX 78-122
4	0.50	0.20 S 0.006	10 S 0.3	145	85 A 3	0.414	S 0.044	0.497	S 0.058	1.562 RX 91-109	1.696 RX 91-109	1.696 RX 91-109
5	0.50	0.21 S 0.018	10 S 0.8	145	98 A 1	0.568	S 0.049	9999.999 999		2.552 RX 92-108	3.272 RX 92-108	3.272 RX 92-108
6	0.50	0.22 S 0.013	9 S 0.6	145	97 A 1	0.542	S 0.050	9999.999 999		1.979 RX 91-109	3.162 RX 91-109	3.162 RX 91-109
7	0.50	0.23 S 0.022	9 S 0.8	145	4 A 1	0.050	S 0.014	9999.999 999		9999.999 999	9999.999 999	9999.999 999
8	0.50	0.22 S 0.007	9 S 0.3	145	10 A 3	0.071	S 0.028	9999.999 999		9999.999 999	9999.999 999	9999.999 999
9	0.50	0.22 S 0.007	9 S 0.3	145	25 A 4	0.183	S 0.022	9999.999 999		9999.999 999	9999.999 999	9999.999 999
10	0.50	0.20 S 0.005	10 S 0.2	145	80 A 3	0.411	S 0.041	9999.999 999		9999.999 999	9999.999 999	9999.999 999
11	0.50	0.21 S 0.010	10 S 0.5	145	97 A 1	0.569	S 0.064	9999.999 999		9999.999 999	9999.999 999	9999.999 999
12	0.50	0.22 S 0.008	9 S 0.3	145	98 A 1	0.541	S 0.051	9999.999 999		9999.999 999	9999.999 999	9999.999 999
13	0.50	0.26 S 0.049	8 S 1.4	145	5 A 2	0.041	S 0.012	9999.999 999		9999.999 999	9999.999 999	9999.999 999
14	0.50	0.32 S 0.062	7 S 1.0	145	10 A 3	0.072	S 0.031	9999.999 999		9999.999 999	9999.999 999	9999.999 999
15	0.50	0.32 S 0.050	6 S 1.0	145	30 A 4	0.172	S 0.027	9999.999 999		9999.999 999	9999.999 999	9999.999 999
16	0.50	0.33 S 0.017	6 S 0.3	145	80 A 3	0.486	S 0.106	9999.999 999		9999.999 999	9999.999 999	9999.999 999
17	0.50	0.28 S 0.011	7 S 0.3	145	97 A 1	0.601	S 0.070	9999.999 999		9999.999 999	9999.999 999	9999.999 999
18	0.50	0.32 S 0.023	6 S 0.4	145	99 A 1	0.639	S 0.063	9999.999 999		9999.999 999	9999.999 999	9999.999 999
19	0.50	0.25 S 0.030	8 S 1.4	145	5 A 2	0.050	S 0.015	0.091	S 0.012	9999.999 999	9999.999 999	9999.999 999
20	0.50	0.32 S 0.062	6 S 1.0	145	10 A 3	0.070	S 0.027	0.131	S 0.035	9999.999 999	9999.999 999	9999.999 999
21	0.50	0.32 S 0.089	6 S 1.7	145	22 A 4	0.165	S 0.026	0.271	S 0.073	0.267 RX 92-108	0.125 RX 92-108	0.125 RX 92-108
22	0.50	0.33 S 0.000	6 S 0.0	145	75 A 5	0.386	S 0.070	0.483	S 0.093	1.089 RX 76-124	1.111 RX 76-124	1.111 RX 76-124
23	0.50	0.29 S 0.011	7 S 0.3	145	95 A 1	0.608	S 0.057	9999.999 999		2.296 RX 99-101	3.437 RX 99-101	3.437 RX 99-101
24	0.50	0.35 S 0.017	6 S 0.3	145	95 A 1	0.654	S 0.054	9999.999 999		4.218 RX 90-110	2.461 RX 90-110	2.461 RX 90-110
25	0.50	0.27 S 0.035	8 S 0.9	145	5 A 2	0.050	S 0.015	0.085	S 0.024	9999.999 999	9999.999 999	9999.999 999
26	0.50	0.23 S 0.014	9 S 0.5	145	15 A 3	0.095	S 0.027	0.170	S 0.037	9999.999 999	9999.999 999	9999.999 999
27	0.50	0.24 S 0.004	8 S 0.8	145	40 A 5	0.196	S 0.046	0.350	S 0.052	0.567 RX 92-107	0.260 RX 92-107	0.260 RX 92-107
28	0.50	0.23 S 0.000	9 S 0.0	145	90 A 2	0.491	S 0.042	0.505	S 0.082	2.142 RX 99-101	2.142 RX 99-101	2.142 RX 99-101
29	0.50	0.21 S 0.012	10 S 0.6	145	97 A 1	0.602	S 0.052	9999.999 999		2.931 RX 90-110	3.954 RX 90-110	3.954 RX 90-110
30	0.50	0.21 S 0.000	10 S 0.0	145	99 A 1	0.630	S 0.060	9999.999 999		2.671 RX 87-113	5.719 RX 87-113	5.719 RX 87-113
31	0.50	0.27 S 0.030	7 S 0.8	145	5 A 2	0.053	S 0.016	9999.999 999		9999.999 999	9999.999 999	9999.999 999
32	0.50	0.23 S 0.014	9 S 0.5	145	10 A 3	0.092	S 0.030	9999.999 999		9999.999 999	9999.999 999	9999.999 999
33	0.50	0.25 S 0.026	8 S 0.8	145	30 A 4	0.186	S 0.055	9999.999 999		9999.999 999	9999.999 999	9999.999 999
34	0.50	0.23 S 0.010	9 S 0.3	145	85 A 3	0.487	S 0.046	9999.999 999		9999.999 999	9999.999 999	9999.999 999
35	0.50	0.21 S 0.011	9 S 0.5	145	97 A 1	0.600	S 0.058	9999.999 999		9999.999 999	9999.999 999	9999.999 999
36	0.50	0.21 S 0.004	9 S 0.2	145	99 A 1	0.584	S 0.056	9999.999 999		9999.999 999	9999.999 999	9999.999 999

SUGARBEETS

RECORD	PFWTOTAL	FTOTASTDEV	PDWLEAVES	DLEAVSTDEV	DSTEMSTDEV	PDWTOTAL	DTOTASTDEV	PMCLEAVES	MLEAVSTDEV	MSTEMSTDEV	PMCTOTAL	MTOTASTDEV
					PDWSTEMS				PMCSTEMS			
1	0.007	RX 98-102	9999.999 999		9999.999 999	0.001	RX 98-102	9999.999 999	9999.999 999		91.300	A 1
2	0.113	RX 73-126	9999.999 999		9999.999 999	0.009	RX 73-126	9999.999 999	9999.999 999		91.500	A 1
3	0.604	RX 78-122	0.041	RX 78-122	0.017 RX 78-122	0.058	RX 78-122	90.200 A 1	90.900 A 1		90.400	A 1
4	3.257	RX 91-109	0.157	RX 91-109	0.135 RX 91-109	0.292	RX 91-109	89.900 A 1	92.100 A 1		91.000	A 1
5	5.824	RX 92-108	0.217	RX 92-108	0.278 RX 92-108	0.495	RX 92-108	91.500 A 1	91.500 A 1		91.500	A 1
6	5.141	RX 91-109	0.238	RX 91-109	0.319 RX 91-109	0.558	RX 91-109	88.000 A 1	89.900 A 1		89.200	A 1
7	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
8	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
9	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
10	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
11	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
12	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
13	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
14	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
15	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
16	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
17	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
18	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
19	0.010	RX 67-133	9999.999 999		9999.999 999	0.001	RX 67-133	9999.999 999	9999.999 999		91.400	A 1
20	0.092	RX 70-135	9999.999 999		9999.999 999	0.008	RX 70-135	9999.999 999	9999.999 999		91.700	A 1
21	0.392	RX 92-108	0.027	RX 92-108	0.011 RX 92-108	0.038	RX 92-108	90.000 A 1	91.200 A 1		90.400	A 1
22	2.200	RX 76-124	0.122	RX 76-124	0.093 RX 76-124	0.215	RX 76-124	88.800 A 1	91.600 A 1		90.200	A 1
23	5.733	RX 99-101	0.181	RX 99-101	0.272 RX 99-101	0.454	RX 99-101	92.100 A 1	92.100 A 1		92.100	A 1
24	6.679	RX 90-110	0.317	RX 90-110	0.249 RX 90-110	0.566	RX 90-110	92.500 A 1	89.900 A 1		91.500	A 1
25	0.017	RX 82-118	9999.999 999		9999.999 999	0.001	RX 82-118	9999.999 999	9999.999 999		92.500	A 1
26	0.196	RX 62-143	9999.999 999		9999.999 999	0.016	RX 62-143	9999.999 999	9999.999 999		91.700	A 1
27	0.827	RX 92-107	0.052	RX 92-107	0.021 RX 92-107	0.073	RX 92-107	90.900 A 1	91.800 A 1		91.200	A 1
28	4.286	RX 99-101	0.183	RX 99-101	0.173 RX 99-101	0.356	RX 99-101	91.500 A 1	91.900 A 1		91.700	A 1
29	6.885	RX 90-110	0.237	RX 90-110	0.320 RX 90-110	0.558	RX 90-110	91.900 A 1	91.900 A 1		91.900	A 1
30	8.390	RX 87-113	0.282	RX 87-113	0.421 RX 87-113	0.704	RX 87-113	89.400 A 1	92.600 A 1		91.600	A 1
31	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
32	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
33	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
34	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
35	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999
36	9999.999	999	9999.999 999		9999.999 999	9999.999	999	9999.999 999	9999.999 999		9999.999	999

SUGARBEETS

RECORD	LAI	LAISTDEV UCL1STDEV	LL	LLSTDEV	LW	LWSTDEV	NLPP	NLPPSTDEV UCLI1 UCL1STDEV	UCLI2 UCL2STDEV MCLI1 MCL1STDEV	MCL1STDEV MCLI2 MCL2STDEV	LCLI1 LCL1STDEV LCLI2	LCL2STDEV
1	0.010	RX 98-102	0.032	S 0.004	0.020	S 0.007	3.700	S 0.8	999 999 999 999	999 999 999 999	999 999 999 999	999 999
2	0.130	RX 73-126	0.106	S 0.009	0.076	S 0.005	5.500	S 0.9	999 999 999 999	999 999 999 999	999 999 999 999	999 999
3	0.760	RX 78-122	0.178	S 0.004	0.154	S 0.005	6.300	S 0.5	999 999 999 999	999 999 999 999	999 999 999 999	999 999
4	3.080	RX 91-109	0.282	S 0.015	0.212	S 0.022	16.100	S 2.7	999 999 999 999	999 999 999 999	999 999 999 999	999 999
5	5.270	RX 92-108	0.280	S 0.028	0.230	S 0.017	21.600	S 4.9	999 999 999 999	999 999 999 999	999 999 999 999	999 999
6	5.030	RX 91-109	0.301	S 0.021	0.246	S 0.010	23.700	S 3.2	999 999 999 999	999 999 999 999	999 999 999 999	999 999
7	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
8	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
9	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
10	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
11	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
12	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
13	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
14	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
15	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
16	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
17	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
18	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
19	0.014	RX 67-133	0.053	S 0.010	0.036	S 0.008	3.300	S 1.4	999 999 999 999	999 999 999 999	999 999 999 999	999 999
20	0.107	RX 70-135	0.105	S 0.005	0.076	S 0.005	6.000	S 0.0	999 999 999 999	999 999 999 999	999 999 999 999	999 999
21	0.400	RX 92-108	0.200	S 0.017	0.148	S 0.010	6.100	S 1.2	999 999 999 999	999 999 999 999	999 999 999 999	999 999
22	2.090	RX 76-124	0.264	S 0.015	0.192	S 0.018	15.000	S 2.2	999 999 999 999	999 999 999 999	999 999 999 999	999 999
23	4.440	RX 99-101	0.323	S 0.023	0.210	S 0.019	24.500	S 4.5	999 999 999 999	999 999 999 999	999 999 999 999	999 999
24	4.870	RX 90-110	0.337	S 0.023	0.225	S 0.018	26.100	S 4.1	999 999 999 999	999 999 999 999	999 999 999 999	999 999
25	0.023	RX 82-118	0.060	S 0.009	0.040	S 0.009	5.300	S 1.0	999 999 999 999	999 999 999 999	999 999 999 999	999 999
26	0.224	RX 62-143	0.122	S 0.008	0.080	S 0.011	6.900	S 1.1	999 999 999 999	999 999 999 999	999 999 999 999	999 999
27	0.880	RX 92-107	0.207	S 0.010	0.153	S 0.010	7.900	S 1.1	999 999 999 999	999 999 999 999	999 999 999 999	999 999
28	3.510	RX 99-101	0.316	S 0.022	0.248	S 0.023	15.800	S 2.9	999 999 999 999	999 999 999 999	999 999 999 999	999 999
29	4.880	RX 90-110	0.291	S 0.028	0.220	S 0.013	22.500	S 4.2	999 999 999 999	999 999 999 999	999 999 999 999	999 999
30	5.310	RX 87-113	0.311	S 0.029	0.239	S 0.013	25.700	S 2.7	999 999 999 999	999 999 999 999	999 999 999 999	999 999
31	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
32	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
33	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
34	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
35	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999
36	9999.999	999	99.999	999	99.999	999	9999.999	999	999 999 999 999	999 999 999 999	999 999 999 999	999 999

POTATOES

RECORD	FIELDREF	DATOVRFL	SPECIES	VARIETY	PHENOLOGY	PHENOCOMME	MANPRAC	SOWDATE	ABNORMALTI	CROPCONDIT	GROUNDCOND
1	FL0061.POT.870518	870518	POTATOES	MARIJKE	999	RIDGES		870421	999	999	WET
2	FL0061.POT.870601	870601	POTATOES	MARIJKE	999	RIDGES		870421	999	999	MODERATELY DRY
3	FL0061.POT.870615	870615	POTATOES	MARIJKE	999	RIDGES		870421	999	999	MODERATELY DRY
4	FL0061.POT.870706	870706	POTATOES	MARIJKE	999	RIDGES		870421	999	999	DRY
5	FL0061.POT.870731	870731	POTATOES	MARIJKE	999	RIDGES		870421	999	999	WET
6	FL0061.POT.870908	870908	POTATOES	MARIJKE	999	RIDGES		870421	999	999	WET
7	FL0062.POT.870518	870518	POTATOES	BINTJE	999	RIDGES		870421	999	BARE SOIL	WET
8	FL0062.POT.870601	870601	POTATOES	BINTJE	999	RIDGES		870421	999	HEALTHY CROP	MODERATELY DRY
9	FL0062.POT.870615	870615	POTATOES	BINTJE	999	RIDGES		870421	999	HEALTHY CROP	MODERATELY DRY
10	FL0062.POT.870706	870706	POTATOES	BINTJE	999	RIDGES		870421	999	altern. height	DRY
11	FL0062.POT.870731	870731	POTATOES	BINTJE	999	RIDGES		870421	5% knocked down by rain	999	WET
12	FL0062.POT.870908	870908	POTATOES	BINTJE	999	RIDGES		870421	999	999	WET
13	FL0100.POT.870518	870518	POTATOES	BINTJE	999	RIDGES		870420	999	999	WET
14	FL0100.POT.870601	870601	POTATOES	BINTJE	999	RIDGES		870420	999	999	MODERATELY DRY
15	FL0100.POT.870615	870615	POTATOES	BINTJE	999	RIDGES		870420	999	HEALTHY CROP	MODERATELY DRY
16	FL0100.POT.870706	870706	POTATOES	BINTJE	999	RIDGES		870420	999	999	DRY
17	FL0100.POT.870731	870731	POTATOES	BINTJE	999	RIDGES		870420	10% knocked down by rain	99	WET
18	FL0100.POT.870908	870908	POTATOES	BINTJE	999	RIDGES		870420	999	999	WET
19	FL0180.POT.870518	870518	POTATOES	BINTJE	999	RIDGES		870420	999	BARE SOIL	WET
20	FL0180.POT.870601	870601	POTATOES	BINTJE	999	RIDGES		870420	999	999	MODERATELY DRY
21	FL0180.POT.870615	870615	POTATOES	BINTJE	999	RIDGES		870420	999	999	MODERATELY DRY
22	FL0180.POT.870706	870706	POTATOES	BINTJE	999	RIDGES		870420	999	999	DRY
23	FL0180.POT.870731	870731	POTATOES	BINTJE	999	RIDGES		870420	partially knocked down	999	WET
24	FL0180.POT.870908	870908	POTATOES	BINTJE	999	RIDGES		870420	999	999	WET

RECORD	WEEDCOVER WCOVSTDEV	ROWSPAC PLANTSPAC	WEEDCOVCOM	PLSPSTDEV	PLANTDENS PLDENSTDEV	ROWDIR	CROPCOVER CRCOVSTDEV	CROPHEIGHT	CRHEISTDEV PLDI	PLDISTDEV	PFWLEAVES FLEAVSTDEV
1	0 A 1 999	0.75	99.99	999	999999 999	145	0 A 0	0.000 S 0.000	9999.999	999	9999.999 999
2	0 A 1 999	0.75	0.34	S 0.003	4 S 0.03	145 10	A 3	0.056 S 0.017	9999.999	999	9999.999 999
3	0 A 1 999	0.75	0.33	S 0.003	4 S 0.03	145 40	A 5	0.306 S 0.028	9999.999	999	9999.999 999
4	0 A 1 999	0.75	0.34	S 0.005	4 S 0.05	145 98	A 1	0.683 S 0.040	9999.999	999	9999.999 999
5	0 A 1 999	0.75	0.34	S 0.010	4 S 0.11	145 90	A 2	0.681 S 0.096	9999.999	999	9999.999 999
6	0 A 1 999	0.75	0.34	S 0.008	4 S 0.09	145 95	A 1	0.326 S 0.097	9999.999	999	9999.999 999
7	0 A 1 999	0.75	99.99	999	999999 999	145	0 A 0	0.000 S 0.000	9999.999	999	9999.999 999
8	0 A 1 999	0.75	0.37	S 0.014	4 S 0.1	145 8	A 2	0.058 S 0.015	0.164	S 0.031	0.058 R% 74-127
9	0 A 1 999	0.75	0.37	S 0.019	4 S 0.1	145 45	A 5	0.305 S 0.026	0.466	S 0.038	0.459 R% 94-107
10	0 A 1 999	0.75	0.33	S 0.000	4 S 0.0	145 99	A 1	0.711 S 0.032	0.673	S 0.030	1.262 R% 97-103
11	0 A 1 999	0.75	0.37	S 0.019	4 S 0.1	145 90	A 2	0.681 S 0.084	9999.999	999	1.430 R% 91-109
12	0 A 1 999	0.75	0.36	S 0.000	4 S 0.0	145 97	A 1	0.342 S 0.090	9999.999	999	1.176 R% 84-116
13	0 A 1 999	0.75	99.99	999	999999 999	145	0 A 0	0.000 S 0.000	9999.999	999	9999.999 999
14	0 A 1 999	0.75	0.36	S 0.004	4 S 0.03	145 15	A 3	0.083 S 0.003	0.164	S 0.039	0.057 R% 91-108
15	0 A 1 999	0.75	0.33	S 0.000	4 S 0.0	145 40	A 5	0.296 S 0.033	0.421	S 0.053	0.461 R% 96-104
16	0 A 1 999	0.75	0.32	S 0.015	4 S 0.2	145 98	A 1	0.632 S 0.034	0.750	S 0.021	1.715 R% 99-101
17	0 A 1 999	0.75	0.33	S 0.000	4 S 0.0	145 90	A 2	0.646 S 0.100	9999.999	999	1.406 R% 97-103
18	0 A 1 999	0.75	0.33	S 0.000	4 S 0.0	145 92	A 2	0.277 S 0.063	9999.999	999	1.228 R% 99-101
19	0 A 1 999	0.75	99.99	999	999999 999	145	0 A 0	0.000 S 0.000	9999.999	999	9999.999 999
20	0 A 1 999	0.75	0.35	S 0.005	4 S 0.06	145 15	A 3	0.169 S 0.049	0.169	S 0.049	0.073 R% 70-129
21	0 A 1 999	0.75	0.33	S 0.000	4 S 0.0	145 40	A 5	0.311 S 0.018	0.424	S 0.063	0.592 R% 84-116
22	0 A 1 999	0.75	0.33	S 0.000	4 S 0.0	145 98	A 1	0.711 S 0.032	0.750	S 0.019	1.576 R% 100-100
23	0 A 1 999	0.75	0.37	S 0.019	4 S 0.2	145 85	A 3	0.504 S 0.101	9999.999	999	1.246 R% 98-102
24	0 A 1 999	0.75	0.33	S 0.000	4 S 0.0	145 97	A 1	0.305 S 0.075	9999.999	999	0.848 R% 93-107

POTATOES

RECORD	PFWSTEMS	FSTEMSTDEV	PFWTOTAL	FTOTASTDEV	PDWLEAVES	DLEAVSTDEV	PDWSTEMS	DSTEMSTDEV	PDWTOTAL	DTOTASTDEV	PMCLEAVES	MLEAVSTDEV
1	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
2	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
3	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
4	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
5	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
6	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
7	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
8	0.020	RX 74-127	0.078	RX 74-127	0.005	RX 74-127	0.002	RX 74-127	0.007	RX 74-127	90.900	A 1
9	0.282	RX 94-107	0.741	RX 94-107	0.044	RX 94-107	0.015	RX 94-107	0.060	RX 94-107	90.300	A 1
10	1.229	RX 97-103	2.491	RX 97-103	0.127	RX 97-103	0.086	RX 97-103	0.213	RX 97-103	90.000	A 1
11	2.023	RX 91-109	3.453	RX 91-109	0.119	RX 91-109	0.168	RX 91-109	0.287	RX 91-109	91.700	A 1
12	2.181	RX 84-116	3.357	RX 84-116	0.126	RX 84-116	0.209	RX 84-116	0.335	RX 84-116	89.300	A 1
13	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
14	0.020	RX 91-108	0.077	RX 91-108	0.005	RX 91-108	0.002	RX 91-108	0.006	RX 91-108	91.600	A 1
15	0.320	RX 96-104	0.781	RX 96-104	0.047	RX 96-104	0.018	RX 96-104	0.066	RX 96-104	89.700	A 1
16	1.538	RX 99-101	3.253	RX 99-101	0.178	RX 99-101	0.125	RX 99-101	0.303	RX 99-101	89.600	A 1
17	1.423	RX 97-103	2.829	RX 97-103	0.131	RX 97-103	0.132	RX 97-103	0.263	RX 97-103	90.700	A 1
18	1.405	RX 99-101	2.633	RX 99-101	0.138	RX 99-101	0.139	RX 99-101	0.278	RX 99-101	88.700	A 1
19	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
20	0.031	RX 70-129	0.104	RX 70-129	0.006	RX 70-129	0.003	RX 70-129	0.009	RX 70-129	91.700	A 1
21	0.491	RX 84-116	1.083	RX 84-116	0.061	RX 84-116	0.028	RX 84-116	0.089	RX 84-116	89.700	A 1
22	1.688	RX 100-100	3.264	RX 100-100	0.163	RX 100-100	0.129	RX 100-100	0.292	RX 100-100	89.700	A 1
23	1.861	RX 98-102	3.107	RX 98-102	0.120	RX 98-102	0.179	RX 98-102	0.298	RX 98-102	90.400	A 1
24	2.106	RX 93-107	2.954	RX 93-107	0.078	RX 93-107	0.196	RX 93-107	0.248	RX 93-107	90.800	A 1

RECORD	PMCSTEMS	MSTEMSTDEV	PMCTOTAL	LAI	MTOTASTDEV	LAISTDEV	LL	LLSTDEV	LW	NLPP	LWSTDEV	NLPPSTDEV	NSPP	NSPPSTDEV
1	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999999	999
2	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999999	999
3	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999999	999
4	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999999	999
5	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999999	999
6	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999999	999
7	9999.999	999	9999.999	999	0.000	999	99.999	999	99.999	999	9999.999	999	999999	999
8	90.900	A 1	90.900	A 1	0.098	RX 74-127	99.999	999	99.999	999	9999.999	999	999999	999
9	94.600	A 1	91.900	A 1	0.930	RX 94-107	99.999	999	99.999	999	9999.999	999	999999	999
10	93.000	A 1	91.500	A 1	3.360	RX 97-103	99.999	999	99.999	999	9999.999	999	999999	999
11	91.700	A 1	91.700	A 1	4.000	RX 91-109	99.999	999	99.999	999	9999.999	999	999999	999
12	90.400	A 1	90.000	A 1	4.010	RX 84-116	99.999	999	99.999	999	9999.999	999	999999	999
13	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999999	999
14	91.600	A 1	91.600	A 1	0.110	RX 91-108	99.999	999	99.999	999	9999.999	999	999999	999
15	94.300	A 1	91.600	A 1	0.870	RX 96-104	99.999	999	99.999	999	9999.999	999	999999	999
16	91.900	A 1	90.700	A 1	3.480	RX 99-101	99.999	999	99.999	999	9999.999	999	999999	999
17	90.700	A 1	90.700	A 1	4.350	RX 97-103	99.999	999	99.999	999	9999.999	999	999999	999
18	90.100	A 1	89.500	A 1	3.610	RX 99-101	99.999	999	99.999	999	9999.999	999	999999	999
19	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999999	999
20	91.500	A 1	91.700	A 1	0.130	RX 70-129	99.999	999	99.999	999	9999.999	999	999999	999
21	94.300	A 1	91.800	A 1	1.180	RX 84-116	99.999	999	99.999	999	9999.999	999	999999	999
22	92.300	A 1	91.100	A 1	4.060	RX 100-100	99.999	999	99.999	999	9999.999	999	999999	999
23	90.400	A 1	90.400	A 1	3.900	RX 98-102	99.999	999	99.999	999	9999.999	999	999999	999
24	90.700	A 1	90.700	A 1	3.330	RX 93-107	99.999	999	99.999	999	9999.999	999	999999	999

POTATOES

RECORD	UCLI1	UCL1STDEV	UCLI2	UCL2STDEV	MCLI1	MCL1STDEV	MCLI2	MCL2STDEV	LCLI1	LCL1STDEV	LCLI2	LCL2STDEV	RIHEI	RIHESTDEV
1	999	999	999	999	999	999	999	999	999	999	999	999	9999.999	999
2	999	999	999	999	999	999	999	999	999	999	999	999	9999.999	999
3	999	999	999	999	999	999	999	999	999	999	999	999	9999.999	999
4	999	999	999	999	999	999	999	999	999	999	999	999	9999.999	999
5	999	999	999	999	999	999	999	999	999	999	999	999	9999.999	999
6	999	999	999	999	999	999	999	999	999	999	999	999	9999.999	999
7	999	999	999	999	999	999	999	999	999	999	999	999	0.230	S 0.009
8	999	999	999	999	999	999	999	999	999	999	999	999	0.190	S 0.013
9	999	999	999	999	999	999	999	999	999	999	999	999	0.180	S 0.009
10	999	999	999	999	999	999	999	999	999	999	999	999	0.180	S 0.009
11	999	999	999	999	999	999	999	999	999	999	999	999	0.180	S 0.009
12	999	999	999	999	999	999	999	999	999	999	999	999	0.180	S 0.009
13	999	999	999	999	999	999	999	999	999	999	999	999	0.183	S 0.005
14	999	999	999	999	999	999	999	999	999	999	999	999	0.183	S 0.005
15	999	999	999	999	999	999	999	999	999	999	999	999	0.183	S 0.005
16	999	999	999	999	999	999	999	999	999	999	999	999	0.183	S 0.005
17	999	999	999	999	999	999	999	999	999	999	999	999	0.183	S 0.005
18	999	999	999	999	999	999	999	999	999	999	999	999	0.183	S 0.005
19	999	999	999	999	999	999	999	999	999	999	999	999	0.218	S 0.010
20	999	999	999	999	999	999	999	999	999	999	999	999	0.218	S 0.010
21	999	999	999	999	999	999	999	999	999	999	999	999	0.218	S 0.010
22	999	999	999	999	999	999	999	999	999	999	999	999	0.218	S 0.010
23	999	999	999	999	999	999	999	999	999	999	999	999	0.218	S 0.010
24	999	999	999	999	999	999	999	999	999	999	999	999	0.218	S 0.010

BEANS

RECORD	FIELDREF	DATOVRFL	SPECIES	VARIETY	PHENOLOGY	PHENOCOMME	SOWDATE	ABNORMALTI	CROPCONDIT
1	FL0022.BEA.870518	870518	STEMBEANS	ALFRED	999	999	870424	999	part. come up
2	FL0022.BEA.870601	870601	STEMBEANS	ALFRED	999	999	870424	999	999
3	FL0022.BEA.870615	870615	STEMBEANS	ALFRED	999	999	870424	999	999
4	FL0022.BEA.870706	870706	STEMBEANS	ALFRED	999	999	870424	999	999
5	FL0022.BEA.870731	870731	STEMBEANS	ALFRED	999	999	870424	bending 20 degrees (SE)	999
6	FL0022.BEA.870908	870908	STEMBEANS	ALFRED	999	999	870424	bending 30 degrees (NE)	999
7	FL0210.BEA.870518	870518	PEAS	PIROUETTE	999	999	870510	999	999
8	FL0210.BEA.870601	870601	PEAS	PIROUETTE	999	999	870510	999	999
9	FL0210.BEA.870615	870615	PEAS	PIROUETTE	999	999	870510	999	999
10	FL0210.BEA.870706	870706	PEAS	PIROUETTE	999	999	870510	999	999
11	FL0210.BEA.870731	870731	PEAS	PIROUETTE	999	999	870510	999	999
12	FL0210.BEA.870908	870908	MUSTARD	999	999	ANOTHER CROP	870815	PEAS HARVESTED	999

BEANS

RECORD	GROUNDCOND	WEEDCOVCOM	WEEDCOVER	WCOVSTDEV	ROWSPAC	PLSPSTDEV	PLANTSPAC	PLANTDENS	PLDENSTDEV	ROWDIR	CROPHEIGHT	CROPCOVER	CRCOVSTDEV	CRHEISTDEV	FLEAVSTDEV	PFWLEAVES
1	WET	0	A 1 999		0.50	0.13 S 0.005		16 S 0.7		55	7 A 2 0.058 S 0.008					9999.999 999
2	MODERATELY DRY	0	A 1 999		0.50	0.09 S 0.004		22 S 1.0		55	18 A 3 0.235 S 0.024				0.149	RX 95-109
3	MODERATELY DRY	0	A 1 999		0.50	0.09 S 0.001		23 S 0.3		55	27 A 4 0.570 S 0.044				0.592	RX 88-112
4	DRY	0	A 1 999		0.50	0.09 S 0.004		23 S 1.1		55	87 A 3 1.312 S 0.043				1.226	RX 99-101
5	WET	0	A 1 999		0.50	0.09 S 0.005		22 S 1.13		55	99 A 1 1.584 S 0.052				1.249	RX 89-111
6	WET	0	A 1 999		0.50	0.09 S 0.003		23 S 0.8		55	50 A 5 1.511 S 0.069				9999.999	999
7	WET	0	A 1 999		0.25	99.99 999		999999 999		145	0 A 1 0.000 999				9999.999	999
8	MODERATELY DRY	0	A 1 999		0.25	99.99 999		999999 999		145	1 A 1 0.020 S 0.008				9999.999	999
9	MODERATELY DRY	0	A 1 999		0.25	99.99 999		999999 999		145	18 A 3 0.196 S 0.016				9999.999	999
10	DRY	0	A 1 999		0.25	99.99 999		999999 999		145	98 A 1 0.630 S 0.034				9999.999	999
11	WET	0	A 1 999		0.25	99.99 999		999999 999		145	99 A 1 0.360 S 0.035				9999.999	999
12	WET	0	999 999		99.99	99.99 999		999999 999		145	25 999 0.050 999				9999.999	999

RECORD	PFWSTEMS	FSTEMSTDEV	PFWPODS	FPODSSTDEV	FTOTASTDEV	PFWTOTAL	PDWLEAVES	DLEAVSTDEV	PDWSTEMS	DSTEMSTDEV	DPODSSTDEV	PDWPODS
1	9999.999	999	9999.999	999		0.033 RX 97-104	9999.999	999	9999.999	999		9999.999 999
2	0.119	RX 95-109	9999.999	999		0.268 RX 95-109	0.016	RX 95-109	0.013	RX 95-109		9999.999 999
3	0.664	RX 88-112	9999.999	999		1.256 RX 88-112	0.074	RX 88-112	0.059	RX 88-112		9999.999 999
4	2.730	RX 99-101	9999.999	999		3.956 RX 99-101	0.184	RX 99-101	0.349	RX 99-101		9999.999 999
5	2.150	RX 89-111	0.652	RX 89-111		4.052 RX 89-111	0.180	RX 89-111	0.310	RX 89-111		0.094 RX 89-111
6	1.678	RX 99-101	1.461	RX 99-101		3.139 RX 99-101	9999.999	999	0.431	RX 99-101		0.578 RX 99-101
7	9999.999	999	9999.999	999		9999.999 999	9999.999	999	9999.999	999		9999.999 999
8	9999.999	999	9999.999	999		9999.999 999	9999.999	999	9999.999	999		9999.999 999
9	9999.999	999	9999.999	999		9999.999 999	9999.999	999	9999.999	999		9999.999 999
10	9999.999	999	9999.999	999		9999.999 999	9999.999	999	9999.999	999		9999.999 999
11	9999.999	999	9999.999	999		9999.999 999	9999.999	999	9999.999	999		9999.999 999
12	9999.999	999	9999.999	999		9999.999 999	9999.999	999	9999.999	999		9999.999 999

RECORD	PDWTOTAL	DTOTASTDEV	PMCLEAVES	MLEAVSTDEV	MSTEMSTDEV	PMCSTEMS	PMCPODS	MPODSSTDEV	PMCTOTAL	MTOTASTDEV	LAISTDEV	LAI	LL	LLSTDEV
1	0.005	RX 97-104	9999.999 999		9999.999 999		9999.999 999		84.700 A 1		0.060	RX 97-104	0.040	S 0.007
2	0.029	RX 95-109	89.300 A 1		89.300 A 1		9999.999 999		89.300 A 1		0.370	RX 95-109	0.078	S 0.008
3	0.133	RX 88-112	87.500 A 1		91.100 A 1		9999.999 999		89.400 A 1		1.420	RX 88-112	0.095	S 0.010
4	0.533	RX 99-101	85.000 A 1		87.200 A 1		9999.999 999		86.500 A 1		5.060	RX 99-101	0.081	S 0.016
5	0.583	RX 89-111	85.600 A 1		85.600 A 1		85.600 A 1		85.600 A 1		4.920	RX 89-111	0.058	S 0.012
6	1.009	RX 99-101	9999.999 999		74.300 A 1		60.500 A 1		67.800 A 1		9999.999 999		99.999	999
7	9999.999	999	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999	999
8	9999.999	999	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999	999
9	9999.999	999	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999	999
10	9999.999	999	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999	999
11	9999.999	999	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999	999
12	9999.999	999	9999.999 999		9999.999 999		9999.999 999		9999.999 999		9999.999 999		99.999	999

BEANS

RECORD	LW	LWSTDEV	NLPP	NLPPSTDEV	UCLI1	UCLI2	UCL1STDEV	UCL2STDEV	MCLI1	MCLI2	MCL1STDEV	MCL2STDEV	LCLI1	LCLI2	LCL1STDEV	LCL2STDEV
1	0.030	S 0.007	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
2	0.055	S 0.005	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
3	0.060	S 0.006	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
4	0.044	S 0.009	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
5	0.025	S 0.006	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
6	99.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
7	99.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
8	99.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
9	99.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
10	99.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
11	99.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999
12	99.999	999	9999.999	999	999	999	999	999	999	999	999	999	999	999	999	999

CORN

RECORD	FIELDREF	DATOVRFL	VARIETY	SPECIES	PHENOLOGY	PHENOCOMME	SOWDATE	ABNORMALTI	CROPCONDIT	GROUNDCOND	WEEDCOVCOM	WEEDCOVER	WCOVSTDEV	ROWSPAC	PLANTSPAC	PLSPSTDEV	PLANTDENS	PLDENSTDEV	ROWDIR	CROPCOVER	CRCOVSTD
1	FL0171.COR.870518	870518	CORN	SONIA	999	999	870428	999	thin	WET	GROUND	0	A	1	999	0.75	99.99	999	999999	999	145	2	A	1
2	FL0171.COR.870601	870601	CORN	SONIA	999	999	870428	999	999	WET	GROUND	0	A	1	999	0.75	99.99	999	999999	999	145	3	A	1
3	FL0171.COR.870615	870615	CORN	SONIA	999	999	870428	999	999	999		0	A	1	999	0.75	99.99	999	999999	999	145	4	A	1
4	FL0171.COR.870706	870706	CORN	SONIA	999	999	870428	999	999	DRY	GROUND	0	A	1	999	0.75	99.99	999	999999	999	145	15	A	3
5	FL0171.COR.870731	870731	CORN	SONIA	999	999	870428	999	999	WET	GROUND	0	A	1	999	0.75	99.99	999	999999	999	145	40	A	5
6	FL0171.COR.870908	870908	CORN	SONIA	999	999	870428	999	999	WET	GROUND	0	A	1	999	0.75	99.99	999	999999	999	145	95	A	1

RECORD	CROPHEIGHT	CRHEISTDEV	PFWCOBS	FCOBSSTDEV	PFWLEAVES	PFWSTEMS	FLEAVSTDEV	FSTEMSTDEV	PFWTOTAL	FTOTASTDEV	PDWCOBS	PDWLEAVES	DCOBSSTDEV	DLEAVSTDEV	PDWSTEMS	DSTEMSTDEV	PDWTOTAL	DTOTASTDEV
1	0.047	S 0.018	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
2	0.088	S 0.013	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
3	0.116	S 0.018	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
4	0.377	S 0.060	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
5	1.490	S 0.073	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999
6	2.555	S 0.188	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999

RECORD	PMCOBS	PMCSTDEV	PMCLEAVES	MCOBS	PMCSTEMS	MSTEMSTDEV	MLEAVSTDEV	PMCTOTAL	MTOTASTDEV	LAI	LAISTDE	LLSTDEV	LL	NLPP	LWSTDE	NLPPSTDEV	UCL1STDEV	UCLI1	MCLI1	UCLI2	UCL2STDEV
1	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999	999	999	999	999
2	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999	999	999	999	999
3	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999	999	999	999	999
4	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999	999	999	999	999
5	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999	999	999	999	999
6	9999.999	999	9999.999	999	9999.999	999	9999.999	999	9999.999	999	99.999	999	99.999	999	9999.999	999	999	999	999	999	999

RECORD	MCL1STDEV	MCLI2	MCL2STDEV	LCLI1	LCLI2	LCL1STDEV	LCL2STDEV
1	999	999	999	999	999	999	999
2	999	999	999	999	999	999	999
3	999	999	999	999	999	999	999
4	999	999	999	999	999	999	999
5	999	999	999	999	999	999	999
6	999	999	999	999	999	999	999

REC	FIELDREF	SRPTC	SRPTCSTDEV	SRPLT	SRPLTSTDEV	VM1	VM1STD	VM2	VM2STD	VM3	VM3ST	VM4	VM4STDEV
1	FL0030.WHE.870518	1.05	R 0.84 1.41	0.68	R 0.46 0.98	99.99	999	99.99	999	99.99	999	34.90	S 2.0
2	FL0030.WHE.870601	1.05	R 0.84 1.41	0.68	R 0.46 0.98	27.40	S 5.1	28.20	S 2.4	36.80	S 1.8	32.30	S 1.4
3	FL0030.WHE.870615	1.05	R 0.84 1.41	0.68	R 0.46 0.98	29.30	S 3.1	28.20	S 2.2	39.50	S 2.1	34.00	S 1.3
4	FL0030.WHE.870706	1.05	R 0.84 1.41	0.68	R 0.46 0.98	16.00	S 2.2	20.10	S 2.1	22.10	S 3.7	20.30	S 2.6
5	FL0030.WHE.870731	1.05	R 0.84 1.41	0.68	R 0.46 0.98	99.99	999	99.99	999	99.99	999	37.90	R 35.2 39.6
6	FL0030.WHE.870908	1.05	R 0.84 1.41	0.68	R 0.46 0.98	99.99	999	99.99	999	99.99	999	40.20	S 2.0
7	FL0040.WHE.870518	1.74	R 1.29 2.33	0.97	R 0.68 1.36	99.99	999	99.99	999	99.99	999	35.00	S 2.8
8	FL0040.WHE.870601	1.74	R 1.29 2.33	0.97	R 0.68 1.36	23.20	S 3.9	26.90	S 3.2	36.00	S 3.8	30.70	S 2.7
9	FL0040.WHE.870615	1.74	R 1.29 2.33	0.97	R 0.68 1.36	27.70	S 2.4	32.40	S 4.8	42.40	S 4.0	36.50	S 3.7
10	FL0040.WHE.870706	1.74	R 1.29 2.33	0.97	R 0.68 1.36	18.60	S 1.8	22.50	S 2.9	28.60	S 3.7	24.80	S 2.8
11	FL0040.WHE.870731	1.74	R 1.29 2.33	0.97	R 0.68 1.36	99.99	999	99.99	999	99.99	999	35.20	R 33.6 38.1
12	FL0040.WHE.870908	9.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
13	FL0113.WHE.870518	0.82	R 0.48 1.02	0.62	R 0.36 0.97	99.99	999	99.99	999	99.99	999	34.80	S 1.4
14	FL0113.WHE.870601	0.82	R 0.48 1.02	0.62	R 0.36 0.97	31.10	S 2.7	27.10	S 3.4	33.80	S 1.7	31.20	S 1.4
15	FL0113.WHE.870615	0.82	R 0.48 1.02	0.62	R 0.36 0.97	33.80	S 5.7	33.30	S 3.6	39.50	S 1.9	36.50	S 2.5
16	FL0113.WHE.870706	0.82	R 0.48 1.02	0.62	R 0.36 0.97	19.80	S 4.1	19.80	S 3.0	21.20	S 2.8	20.50	S 2.6
17	FL0113.WHE.870731	0.82	R 0.48 1.02	0.62	R 0.36 0.97	99.99	999	99.99	999	99.99	999	36.30	R 35.9 37.0
18	FL0113.WHE.870908	9.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
19	FL0114.WHE.870518	0.82	R 0.48 1.02	0.62	R 0.36 0.97	99.99	999	99.99	999	99.99	999	34.80	S 1.4
20	FL0114.WHE.870601	0.82	R 0.48 1.02	0.62	R 0.36 0.97	31.10	S 2.7	27.10	S 3.4	33.80	S 1.7	31.20	S 1.4
21	FL0114.WHE.870615	0.82	R 0.48 1.02	0.62	R 0.36 0.97	33.80	S 5.7	33.30	S 3.6	39.50	S 1.9	36.50	S 2.5
22	FL0114.WHE.870706	0.82	R 0.48 1.02	0.62	R 0.36 0.97	19.80	S 4.1	19.80	S 3.0	21.20	S 2.8	20.50	S 2.6
23	FL0114.WHE.870731	0.82	R 0.48 1.02	0.62	R 0.36 0.97	99.99	999	99.99	999	99.99	999	36.30	R 35.9 37.0
24	FL0114.WHE.870908	9.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
25	FL0201.WHE.870518	0.77	R 0.56 0.88	0.74	R 0.65 0.82	99.99	999	99.99	999	99.99	999	35.60	S 1.6
26	FL0201.WHE.870601	0.77	R 0.56 0.88	0.74	R 0.65 0.82	27.70	S 3.2	28.40	S 2.4	32.90	S 2.3	30.50	S 1.6
27	FL0201.WHE.870615	0.77	R 0.56 0.88	0.74	R 0.65 0.82	30.40	S 3.3	29.70	S 3.2	36.40	S 2.1	33.20	S 1.6
28	FL0201.WHE.870706	0.77	R 0.56 0.88	0.74	R 0.65 0.82	20.40	S 2.3	23.30	S 2.0	24.60	S 2.6	23.40	S 2.1
29	FL0201.WHE.870731	0.77	R 0.56 0.88	0.74	R 0.65 0.82	99.99	999	99.99	999	99.99	999	34.00	R 33.3 34.6
30	FL0201.WHE.870908	9.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
31	FL0202.WHE.870518	0.77	R 0.56 0.88	0.74	R 0.65 0.82	99.99	999	99.99	999	99.99	999	35.60	S 1.6
32	FL0202.WHE.870601	0.77	R 0.56 0.88	0.74	R 0.65 0.82	27.70	S 3.2	28.40	S 2.4	32.90	S 2.3	30.50	S 1.6
33	FL0202.WHE.870615	0.77	R 0.56 0.88	0.74	R 0.65 0.82	30.40	S 3.3	29.70	S 3.2	36.40	S 2.1	33.20	S 1.6
34	FL0202.WHE.870706	0.77	R 0.56 0.88	0.74	R 0.65 0.82	20.40	S 2.3	23.30	S 2.0	24.60	S 2.6	23.40	S 2.1
35	FL0202.WHE.870731	0.77	R 0.56 0.88	0.74	R 0.65 0.82	99.99	999	99.99	999	99.99	999	34.00	R 33.3 34.6
36	FL0202.WHE.870908	9.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
37	FL0010.BAR.870518	0.85	R 0.52 1.14	0.54	R 0.45 0.67	99.99	999	99.99	999	99.99	999	34.30	S 1.5
38	FL0010.BAR.870601	0.85	R 0.52 1.14	0.54	R 0.45 0.67	25.60	S 2.4	28.00	S 2.1	40.50	S 4.4	33.80	S 2.6
39	FL0010.BAR.870615	0.85	R 0.52 1.14	0.54	R 0.45 0.67	30.30	S 5.7	31.60	S 2.5	42.20	S 3.3	36.60	S 3.2
40	FL0010.BAR.870706	0.85	R 0.52 1.14	0.54	R 0.45 0.67	20.20	S 2.7	25.00	S 2.3	32.00	S 4.1	27.60	S 2.6
41	FL0010.BAR.870731	0.85	R 0.52 1.14	0.54	R 0.45 0.67	99.99	999	99.99	999	99.99	999	39.00	R 36.4 41.5
42	FL0010.BAR.870908	9.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999

REC	FIELDREF	GMS	GMSSTDEV	SSTH	SSTHSTDEV	GM1	GM1STDEV	GM2	GM2STDEV	GM3	GM3STDEV	GM4	GM4STDEV
1	FL0030.WHE.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	38.20	S 1.4
2	FL0030.WHE.870601	99.99	999	99.99	999	33.20	S 2.3	35.10	S 2.7	36.60	S 3.0	35.50	S 2.7
3	FL0030.WHE.870615	99.99	999	99.99	999	35.20	S 1.8	36.60	S 2.7	38.50	S 3.4	37.30	S 2.8
4	FL0030.WHE.870706	11.20	S 2.6	0.004	R 0.003 0.006	18.70	S 2.0	22.40	S 2.3	24.30	S 2.7	22.60	S 2.3
5	FL0030.WHE.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	39.40	R 38.8 39.9
6	FL0030.WHE.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	39.70	S 1.0
7	FL0040.WHE.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	36.80	S 1.3
8	FL0040.WHE.870601	99.99	999	99.99	999	30.30	S 1.3	32.40	S 1.6	35.10	S 1.7	33.40	S 1.5
9	FL0040.WHE.870615	99.99	999	99.99	999	35.20	S 1.5	36.60	S 1.6	37.60	S 0.9	36.80	S 1.1
10	FL0040.WHE.870706	15.00	S 3.8	0.005	R 0.003 0.006	22.00	S 1.9	25.60	S 2.2	27.80	S 2.1	26.00	S 1.9
11	FL0040.WHE.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	38.30	R 37.5 39.8
12	FL0040.WHE.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
13	FL0113.WHE.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	33.50	S 1.2
14	FL0113.WHE.870601	99.99	999	99.99	999	29.50	S 1.7	30.10	S 1.8	30.90	S 1.5	30.40	S 1.6
15	FL0113.WHE.870615	99.99	999	99.99	999	34.60	S 1.3	34.70	S 1.2	34.40	S 1.2	34.60	S 1.1
16	FL0113.WHE.870706	12.40	S 1.2	0.021	R 0.015 0.030	16.80	S 1.3	20.30	S 3.1	21.50	S 2.5	20.20	S 2.2
17	FL0113.WHE.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	35.50	R 34.2 36.7
18	FL0113.WHE.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
19	FL0114.WHE.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	33.50	S 1.2
20	FL0114.WHE.870601	99.99	999	99.99	999	29.50	S 1.7	30.10	S 1.8	30.90	S 1.5	30.40	S 1.6
21	FL0114.WHE.870615	99.99	999	99.99	999	34.60	S 1.3	34.70	S 1.2	34.40	S 1.2	34.60	S 1.1
22	FL0114.WHE.870706	12.40	S 1.2	0.021	R 0.015 0.030	16.80	S 1.3	20.30	S 3.1	21.50	S 2.5	20.20	S 2.2
23	FL0114.WHE.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	35.50	R 34.2 36.7
24	FL0114.WHE.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
25	FL0201.WHE.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	35.00	S 1.1
26	FL0201.WHE.870601	99.99	999	99.99	999	32.40	S 1.4	33.00	S 1.5	34.80	S 0.8	33.80	S 0.9
27	FL0201.WHE.870615	99.99	999	99.99	999	35.80	S 1.3	35.60	S 1.4	36.70	S 1.0	36.20	S 1.0
28	FL0201.WHE.870706	16.20	S 4.2	0.010	R 0.007 0.014	24.00	S 1.6	26.70	S 1.7	28.50	S 2.1	27.10	S 1.9
29	FL0201.WHE.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	37.60	R 36.4 38.5
30	FL0201.WHE.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
31	FL0202.WHE.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	35.00	S 1.1
32	FL0202.WHE.870601	99.99	999	99.99	999	32.40	S 1.4	33.00	S 1.5	34.80	S 0.8	33.80	S 0.9
33	FL0202.WHE.870615	99.99	999	99.99	999	35.80	S 1.3	35.60	S 1.4	36.70	S 1.0	36.20	S 1.0
34	FL0202.WHE.870706	16.20	S 4.2	0.010	R 0.007 0.014	24.00	S 1.6	26.70	S 1.7	28.50	S 2.1	27.10	S 1.9
35	FL0202.WHE.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	37.60	R 36.4 38.5
36	FL0202.WHE.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
37	FL0010.BAR.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	40.30	S 1.2
38	FL0010.BAR.870601	99.99	999	99.99	999	29.80	S 2.0	36.00	S 2.2	42.80	S 1.7	38.20	S 1.7
39	FL0010.BAR.870615	99.99	999	99.99	999	35.80	S 1.5	39.80	S 1.6	44.90	S 2.9	41.50	S 2.0
40	FL0010.BAR.870706	15.70	S 3.0	0.004	R 0.002 0.007	23.70	S 2.3	31.40	S 2.0	36.90	S 2.4	32.60	S 1.9
41	FL0010.BAR.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	45.30	R 43.7 46.7
42	FL0010.BAR.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999

REC	FIELDREF	SRPTC	SRPTCSTDEV	SRPLT	SRPLTSTDEV	VM1	VM1STD	VM2	VM2STD	VM3	VM3STD	VM4	VM4STDEV
1	FL0051.SBT.870518	0.97	R 0.60 1.38	0.59	R 0.34 0.81	99.99	999	99.99	999	99.99	999	37.40	S 3.0
2	FL0051.SBT.870601	1.37	R 0.80 1.82	0.63	R 0.59 0.70	15.80	S 2.3	25.80	S 3.2	36.30	S 3.6	29.10	S 2.6
3	FL0051.SBT.870615	1.37	R 0.80 1.82	0.63	R 0.59 0.70	17.60	S 2.6	25.30	S 1.4	38.40	S 3.7	30.30	S 2.4
4	FL0051.SBT.870706	1.37	R 0.80 1.82	0.63	R 0.59 0.70	15.20	S 3.2	23.30	S 3.3	30.80	S 2.7	25.40	S 2.4
5	FL0051.SBT.870731	1.37	R 0.80 1.82	0.63	R 0.59 0.70	99.99	999	99.99	999	99.99	999	36.20	R 34.8 37.9
6	FL0051.SBT.870908	1.37	R 0.80 1.82	0.63	R 0.59 0.70	99.99	999	99.99	999	99.99	999	40.40	S 2.8
7	FL0052.SBT.870518	0.97	R 0.60 1.38	0.59	R 0.34 0.81	99.99	999	99.99	999	99.99	999	37.40	S 3.0
8	FL0052.SBT.870601	1.37	R 0.80 1.82	0.63	R 0.59 0.70	15.80	S 2.3	25.80	S 3.2	36.30	S 3.6	29.10	S 2.6
9	FL0052.SBT.870615	1.37	R 0.80 1.82	0.63	R 0.59 0.70	17.60	S 2.6	25.30	S 1.4	38.40	S 3.7	30.30	S 2.4
10	FL0052.SBT.870706	1.37	R 0.80 1.82	0.63	R 0.59 0.70	15.20	S 3.2	23.30	S 3.3	30.80	S 2.7	25.40	S 2.4
11	FL0052.SBT.870731	1.37	R 0.80 1.82	0.63	R 0.59 0.70	99.99	999	99.99	999	99.99	999	36.20	R 34.8 37.9
12	FL0052.SBT.870908	1.37	R 0.80 1.82	0.63	R 0.59 0.70	99.99	999	99.99	999	99.99	999	40.40	S 2.8
13	FL0121.SBT.870518	0.97	R 0.60 1.38	0.59	R 0.34 0.81	99.99	999	99.99	999	99.99	999	34.90	S 2.6
14	FL0121.SBT.870601	1.15	R 0.76 1.64	0.48	R 0.33 0.73	21.60	S 3.1	21.70	S 1.1	32.40	S 3.3	27.00	S 2.3
15	FL0121.SBT.870615	1.15	R 0.76 1.64	0.48	R 0.33 0.73	27.30	S 4.0	25.90	S 1.9	38.60	S 2.5	32.50	S 2.1
16	FL0121.SBT.870706	1.15	R 0.76 1.64	0.48	R 0.33 0.73	20.00	S 4.5	26.40	S 4.2	29.50	S 3.0	26.70	S 3.1
17	FL0121.SBT.870731	1.15	R 0.76 1.64	0.48	R 0.33 0.73	99.99	999	99.99	999	99.99	999	34.80	R 33.2 35.6
18	FL0121.SBT.870908	1.15	R 0.76 1.64	0.48	R 0.33 0.73	99.99	999	99.99	999	99.99	999	38.50	S 2.5
19	FL0122.SBT.870518	0.97	R 0.60 1.38	0.59	R 0.34 0.81	99.99	999	99.99	999	99.99	999	34.90	S 2.6
20	FL0122.SBT.870601	1.15	R 0.76 1.64	0.48	R 0.33 0.73	21.60	S 3.1	21.70	S 1.1	32.40	S 3.3	27.00	S 2.3
21	FL0122.SBT.870615	1.15	R 0.76 1.64	0.48	R 0.33 0.73	27.30	S 4.0	25.90	S 1.9	38.60	S 2.5	32.50	S 2.1
22	FL0122.SBT.870706	1.15	R 0.76 1.64	0.48	R 0.33 0.73	20.00	S 4.5	26.40	S 4.2	29.50	S 3.0	26.70	S 3.1
23	FL0122.SBT.870731	1.15	R 0.76 1.64	0.48	R 0.33 0.73	99.99	999	99.99	999	99.99	999	34.80	R 33.2 35.6
24	FL0122.SBT.870908	1.15	R 0.76 1.64	0.48	R 0.33 0.73	99.99	999	99.99	999	99.99	999	38.50	S 2.5
25	FL0191.SBT.870518	0.97	R 0.60 1.38	0.59	R 0.34 0.81	99.99	999	99.99	999	99.99	999	34.20	S 3.9
26	FL0191.SBT.870601	1.15	R 0.76 1.64	0.48	R 0.33 0.73	22.50	S 2.7	27.70	S 3.5	39.80	S 4.3	32.70	S 2.6
27	FL0191.SBT.870615	1.15	R 0.76 1.64	0.48	R 0.33 0.73	26.60	S 5.3	31.70	S 4.4	42.20	S 3.7	35.90	S 3.9
28	FL0191.SBT.870706	1.15	R 0.76 1.64	0.48	R 0.33 0.73	20.20	S 4.5	24.80	S 2.8	28.50	S 2.9	25.70	S 2.8
29	FL0191.SBT.870731	1.15	R 0.76 1.64	0.48	R 0.33 0.73	99.99	999	99.99	999	99.99	999	33.10	R 31.6 35.5
30	FL0191.SBT.870908	1.15	R 0.76 1.64	0.48	R 0.33 0.73	99.99	999	99.99	999	99.99	999	39.60	S 1.9
31	FL0192.SBT.870518	0.97	R 0.60 1.38	0.59	R 0.34 0.81	99.99	999	99.99	999	99.99	999	34.20	S 3.9
32	FL0192.SBT.870601	1.15	R 0.76 1.64	0.48	R 0.33 0.73	22.50	S 2.7	27.70	S 3.5	39.80	S 4.3	32.70	S 2.6
33	FL0192.SBT.870615	1.15	R 0.76 1.64	0.48	R 0.33 0.73	26.60	S 5.3	31.70	S 4.4	42.20	S 3.7	35.90	S 3.9
34	FL0192.SBT.870706	1.15	R 0.76 1.64	0.48	R 0.33 0.73	20.20	S 4.5	24.80	S 2.8	28.50	S 2.9	25.70	S 2.8
35	FL0192.SBT.870731	1.15	R 0.76 1.64	0.48	R 0.33 0.73	99.99	999	99.99	999	99.99	999	33.10	R 31.6 35.5
36	FL0192.SBT.870908	1.15	R 0.76 1.64	0.48	R 0.33 0.73	99.99	999	99.99	999	99.99	999	39.60	S 1.9

SUGARBEETS -SOIL

REC	FIELDREF	GMS	GMSSTDEV	SSTH	SSTHSTDEV	GM1	GM1STDEV	GM2	GM2STDEV	GM3	GM3STDEV	GM4	GM4STDEV
1	FL00.SBT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	38.30	S 1.5
2	FL00.SBT.870601	99.99	999	99.99	999	17.40	S 1.6	31.40	S 2.5	38.00	S 2.7	31.90	S 2.2
3	FL00.SBT.870615	99.99	999	99.99	999	20.70	S 2.7	32.60	S 1.2	38.20	S 1.7	33.00	S 1.2
4	FL00.SBT.870706	5.40	S 0.7	0.007	R 0.005 0.009	17.40	S 3.6	25.90	S 2.5	28.80	S 2.3	25.60	S 2.4
5	FL00.SBT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	38.30	R 38.0 38.5
6	FL0051.SBT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	37.30	S 1.6
7	FL0052.SBT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	38.30	S 1.5
8	FL0052.SBT.870601	99.99	999	99.99	999	17.40	S 1.6	31.40	S 2.5	38.00	S 2.7	31.90	S 2.2
9	FL0052.SBT.870615	99.99	999	99.99	999	20.70	S 2.7	32.60	S 1.2	38.20	S 1.7	33.00	S 1.2
10	FL0052.SBT.870706	5.40	S 0.7	0.007	R 0.005 0.009	17.40	S 3.6	25.90	S 2.5	28.80	S 2.3	25.60	S 2.4
11	FL0052.SBT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	38.30	R 38.0 38.5
12	FL0052.SBT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	37.30	S 1.6
13	FL0121.SBT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	34.80	S 1.0
14	FL0121.SBT.870601	99.99	999	99.99	999	21.50	S 2.7	29.60	S 1.7	34.00	S 1.4	30.20	S 1.4
15	FL0121.SBT.870615	99.99	999	99.99	999	24.90	S 2.2	31.20	S 1.3	35.30	S 1.8	32.00	S 1.5
16	FL0121.SBT.870706	6.10	S 0.7	0.012	R 0.007 0.025	20.40	S 3.2	24.20	S 2.4	26.20	S 1.6	24.40	S 2.1
17	FL0121.SBT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	34.80	R 34.2 35.4
18	FL0121.SBT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	35.00	S 0.9
19	FL0122.SBT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	34.80	S 1.0
20	FL0122.SBT.870601	99.99	999	99.99	999	21.50	S 2.7	29.60	S 1.7	34.00	S 1.4	30.20	S 1.4
21	FL0122.SBT.870615	99.99	999	99.99	999	24.90	S 2.2	31.20	S 1.3	35.30	S 1.8	32.00	S 1.5
22	FL0122.SBT.870706	6.10	S 0.7	0.012	R 0.007 0.025	20.40	S 3.2	24.20	S 2.4	26.20	S 1.6	24.40	S 2.1
23	FL0122.SBT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	34.80	R 34.2 35.4
24	FL0122.SBT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	35.00	S 0.9
25	FL0191.SBT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	35.50	S 1.8
26	FL0191.SBT.870601	99.99	999	99.99	999	27.60	S 1.8	32.50	S 2.3	35.20	S 2.4	32.80	S 2.2
27	FL0191.SBT.870615	99.99	999	99.99	999	30.50	S 4.7	33.90	S 3.0	36.50	S 2.2	34.50	S 2.8
28	FL0191.SBT.870706	5.40	S 2.2	0.013	R 0.008 0.017	22.30	S 4.2	25.40	S 1.9	27.10	S 1.9	25.60	S 2.1
29	FL0191.SBT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	35.70	R 35.1 36.8
30	FL0191.SBT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	38.00	S 1.9
31	FL0192.SBT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	35.50	S 1.8
32	FL0192.SBT.870601	99.99	999	99.99	999	27.60	S 1.8	32.50	S 2.3	35.20	S 2.4	32.80	S 2.2
33	FL0192.SBT.870615	99.99	999	99.99	999	30.50	S 4.7	33.90	S 3.0	36.50	S 2.2	34.50	S 2.8
34	FL0192.SBT.870706	5.40	S 2.2	0.013	R 0.008 0.017	22.30	S 4.2	25.40	S 1.9	27.10	S 1.9	25.60	S 2.1
35	FL0192.SBT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	35.70	R 35.1 36.8
36	FL0192.SBT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	38.00	S 1.9

POTATOES -SOIL

REC	FIELDREF	SRPTC	SRPTCSTD	SRPLT	SRPLTSTD	VM1	VM1STD	VM2	VM2STD	VM3	VM3STD	VM4	VM4STDEV
1	FL0061.POT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	30.30	S 1.6
2	FL0061.POT.870601	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	24.80	S 1.7
3	FL0061.POT.870615	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	27.70	S 2.3
4	FL0061.POT.870706	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	19.10	S 1.5
5	FL0061.POT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	28.80	R 27.0 31.1
6	FL0061.POT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	34.30	S 1.7
7	FL0062.POT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	30.30	S 1.6
8	FL0062.POT.870601	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	24.80	S 1.7
9	FL0062.POT.870615	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	27.70	S 2.3
10	FL0062.POT.870706	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	19.10	S 1.5
11	FL0062.POT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	28.80	R 27.0 31.1
12	FL0062.POT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	34.30	S 1.7
13	FL0100.POT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	31.90	S 2.4
14	FL0100.POT.870601	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	25.40	S 1.4
15	FL0100.POT.870615	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	26.90	S 1.8
16	FL0100.POT.870706	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	19.70	S 1.4
17	FL0100.POT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	28.60	R 28.4 28.8
18	FL0100.POT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	35.30	S 1.5
19	FL0180.POT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	31.50	S 2.3
20	FL0180.POT.870601	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	26.00	S 2.1
21	FL0180.POT.870615	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	27.20	S 1.4
22	FL0180.POT.870706	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	19.50	S 1.1
23	FL0180.POT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	33.40	R 32.1 35.2
24	FL0180.POT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	33.50	S 2.4

	FIELDREF	GMS	GMSSTD	SSTM	SSTMSTDEV	GM1	GM1STDEV	GM2	GM2STDEV	GM3	GM3STDEV	GM4	GM4STDEV
1	FL0061.POT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	34.90	S 1.3
2	FL0061.POT.870601	9.30	S 1.4	0.003	R 0.002 0.003	99.99	999	99.99	999	99.99	999	29.70	S 1.3
3	FL0061.POT.870615	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	32.30	S 2.2
4	FL0061.POT.870706	8.40	S 1.1	0.008	R 0.004 0.015	99.99	999	99.99	999	99.99	999	22.30	S 2.0
5	FL0061.POT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	37.70	R 37.3 38.3
6	FL0061.POT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	38.00	S 1.4
7	FL0062.POT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	34.90	S 1.3
8	FL0062.POT.870601	9.30	S 1.4	0.003	R 0.002 0.003	99.99	999	99.99	999	99.99	999	29.70	S 1.3
9	FL0062.POT.870615	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	32.30	S 2.2
10	FL0062.POT.870706	8.40	S 1.1	99.99	999	99.99	999	99.99	999	99.99	999	22.30	S 2.0
11	FL0062.POT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	37.70	R 37.3 38.3
12	FL0062.POT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	38.00	S 1.4
13	FL0100.POT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	33.30	S 1.7
14	FL0100.POT.870601	7.10	S 0.9	0.005	R 0.003 0.008	99.99	999	99.99	999	99.99	999	29.50	S 3.0
15	FL0100.POT.870615	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	29.70	S 2.8
16	FL0100.POT.870706	9.00	S 1.3	0.009	R 0.005 0.010	99.99	999	99.99	999	99.99	999	21.80	S 2.1
17	FL0100.POT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	33.00	R 32.3 33.5
18	FL0100.POT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	34.70	S 1.4
19	FL0180.POT.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	37.10	S 2.3
20	FL0180.POT.870601	10.20	S 1.9	0.005	R 0.003 0.007	99.99	999	99.99	999	99.99	999	33.70	S 3.5
21	FL0180.POT.870615	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	34.60	S 1.6
22	FL0180.POT.870706	11.60	S 1.7	0.008	R 0.005 0.012	99.99	999	99.99	999	99.99	999	24.90	S 1.3
23	FL0180.POT.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	44.90	R 44.3 45.6
24	FL0180.POT.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	40.40	S 2.6

BEANS - SOIL

REC	FIELDREF	SRPTC	SRPTCSTDEV	SRPLT	SRPLTSTDEV	VM1	VM1STD	VM2	VM2STD	VM3	VM3STD	VM4	VM4STDEV
1	FL0022.BEA.870518	1.71	R 1.47 1.89	0.58	R 0.40 0.82	99.99	999	99.99	999	99.99	999	33.70	S 3.1
2	FL0022.BEA.870601	1.71	R 1.47 1.89	0.58	R 0.40 0.82	23.30	S 2.3	27.60	S 2.6	35.10	S 1.6	30.50	S 1.5
3	FL0022.BEA.870615	1.71	R 1.47 1.89	0.58	R 0.40 0.82	27.30	S 2.0	28.20	S 3.5	37.50	S 3.1	32.70	S 2.3
4	FL0022.BEA.870706	1.71	R 1.47 1.89	0.58	R 0.40 0.82	16.70	S 4.8	18.30	S 2.0	21.30	S 2.2	19.50	S 1.4
5	FL0022.BEA.870731	1.71	R 1.47 1.89	0.58	R 0.40 0.82	99.99	999	99.99	999	99.99	999	35.30	R 33.5 37.0
6	FL0022.BEA.870908	1.71	R 1.47 1.89	0.58	R 0.40 0.82	99.99	999	99.99	999	99.99	999	34.50	S 1.8
7	FL0210.BEA.870518	0.90	R 0.86 0.95	0.26	R 0.21 0.30	99.99	999	99.99	999	99.99	999	99.99	999
8	FL0210.BEA.870601	0.90	R 0.86 0.95	0.26	R 0.21 0.30	99.99	999	99.99	999	99.99	999	99.99	999
9	FL0210.BEA.870615	0.90	R 0.86 0.95	0.26	R 0.21 0.30	99.99	999	99.99	999	99.99	999	99.99	999
10	FL0210.BEA.870706	0.90	R 0.86 0.95	0.26	R 0.21 0.30	99.99	999	99.99	999	99.99	999	99.99	999
11	FL0210.BEA.870731	0.90	R 0.86 0.95	0.26	R 0.21 0.30	99.99	999	99.99	999	99.99	999	99.99	999
12	FL0210.BEA.870908	0.90	R 0.86 0.95	0.26	R 0.21 0.30	99.99	999	99.99	999	99.99	999	99.99	999

REC	FIELDREF	GMS	GMSSTD	SSTH	SSTHSTDEV	GM1	GM1STDEV	GM2	GM2STDEV	GM3	GM3STDEV	GM4	GM4STDEV
1	FL0022.BEA.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	35.90	S 0.9
2	FL0022.BEA.870601	99.99	999	99.99	999	24.60	S 2.2	32.70	S 2.3	37.30	S 1.9	33.40	S 1.9
3	FL0022.BEA.870615	99.99	999	99.99	999	29.70	S 1.8	33.70	S 1.5	38.10	S 1.5	35.10	S 1.0
4	FL0022.BEA.870706	8.10	S 1.5	0.009	R 0.006 0.012	16.70	S 3.7	22.50	S 2.2	25.10	S 1.9	22.60	S 1.7
5	FL0022.BEA.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	38.00	R 37.5 38.7
6	FL0022.BEA.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	37.50	S 1.9
7	FL0210.BEA.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
8	FL0210.BEA.870601	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
9	FL0210.BEA.870615	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
10	FL0210.BEA.870706	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
11	FL0210.BEA.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
12	FL0210.BEA.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999

CORN -SOIL

	FIELDREF	SRPTC	SRPTCSTD	SRPLT	SRPLTSTD	VM1	VM1STD	VM2	VM2STD	VM3	VM3STD	VM4	VM4STD
1	FL0171.COR.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
2	FL0171.COR.870601	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
3	FL0171.COR.870615	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
4	FL0171.COR.870706	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
5	FL0171.COR.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
6	FL0171.COR.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999

	FIELDREF	GMS	GMSSTD	SSTH	SSTHSTD	GM1	GM1STD	GM2	GM2STD	GM3	GM3STD	GM4	GM4STD
1	FL0171.COR.870518	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
2	FL0171.COR.870601	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
3	FL0171.COR.870615	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
4	FL0171.COR.870706	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
5	FL0171.COR.870731	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999
6	FL0171.COR.870908	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999	99.99	999

NR	DATEOVER	TIMEOVER	POLARISAT	INCIANGLE	WINDSPEED	WISPCOMMEN	WINDDIR	WIDICOMMEN	PRECIPAT1	PRECIPAT6	PRECIPAT12	PRECIPAT24	PRECCOMMEN	AIRTEMP	ATEMPCOMME	HUMCOMMENT	HUMIDITY	DIRSUNLIGH	DIRSUNCOMM	CLOUDCOVER	CLCOVCOMME	SENSHEIGHT	LOOKDIR
1	870518	9.36	HH	20	2	999	50	999	0.0	0.0	0.0	3.2	999	9	999	82	999	2.200	999	100	999	358	145
2	870518	9.49	HH	30	2	999	50	999	0.0	0.0	0.0	3.2	999	9	999	82	999	2.200	999	100	999	229	145
3	870518	10.02	HH	40	2	999	50	999	0.0	0.0	0.0	3.2	999	9	999	82	999	2.200	999	100	999	169	145
4	870518	10.13	HH	50	2	999	50	999	0.0	0.0	0.0	3.2	999	9	999	82	999	2.200	999	100	999	117	145
5	870518	10.24	HH	70	2	999	50	999	0.0	0.0	0.0	3.2	999	9	999	82	999	2.200	999	100	999	109	145
6	870518	10.39	VV	20	2	999	50	999	0.0	0.0	0.0	3.2	999	9	999	82	999	2.200	999	100	999	360	145
7	870518	10.49	VV	30	2	999	50	999	0.0	0.0	0.0	3.2	999	9	999	82	999	2.200	999	100	999	225	145
8	870518	10.58	VV	40	2	999	50	999	0.0	0.0	0.0	3.2	999	9	999	82	999	2.200	999	100	999	164	145
9	870518	11.08	VV	50	2	999	50	999	0.0	0.0	0.0	3.2	999	9	999	82	999	2.200	999	100	999	112	145
10	870518	11.17	VV	70	2	999	50	999	0.0	0.0	0.0	3.2	999	9	999	82	999	2.200	999	100	999	99	145
11	870601	9.58	HH	20	12	999	240	999	0.0	0.0	0.0	0.0	999	14	999	70	999	1.400	999	100	999	354	145
12	870601	9.48	HH	30	12	999	240	999	0.0	0.0	0.0	0.0	999	14	999	70	999	1.400	999	100	999	221	145
13	870601	9.16	HH	40	12	999	240	999	0.0	0.0	0.0	0.0	999	14	999	70	999	1.400	999	100	999	151	145
14	870601	9.06	HH	50	12	999	240	999	0.0	0.0	0.0	0.0	999	14	999	70	999	1.400	999	100	999	111	145
15	870601	8.37	HH	70	12	999	240	999	0.0	0.0	0.0	0.0	999	14	999	70	999	1.400	999	100	999	101	145
16	870601	10.08	VV	20	12	999	240	999	0.0	0.0	0.0	0.0	999	14	999	70	999	1.400	999	100	999	360	145
17	870601	9.39	VV	30	12	999	240	999	0.0	0.0	0.0	0.0	999	14	999	70	999	1.400	999	100	999	217	145
18	870601	9.25	VV	40	12	999	240	999	0.0	0.0	0.0	0.0	999	14	999	70	999	1.400	999	100	999	150	145
19	870601	8.56	VV	50	12	999	240	999	0.0	0.0	0.0	0.0	999	14	999	70	999	1.400	999	100	999	110	145
20	870601	8.46	VV	70	12	999	240	999	0.0	0.0	0.0	0.0	999	14	999	70	999	1.400	999	100	999	103	145
21	870615	8.25	HH	20	4	999	20	999	0.0	0.0	0.0	0.0	999	12	999	81	999	3.500	999	75	999	362	145
22	870615	8.37	HH	30	4	999	20	999	0.0	0.0	0.0	0.0	999	12	999	81	999	3.500	999	75	999	223	145
23	870615	9.44	HH	40	4	999	20	999	0.0	0.0	0.0	0.0	999	12	999	81	999	3.500	999	75	999	149	145
24	870615	9.54	HH	50	4	999	20	999	0.0	0.0	0.0	0.0	999	12	999	81	999	3.500	999	75	999	105	145
25	870615	10.04	HH	70	4	999	20	999	0.0	0.0	0.0	0.0	999	12	999	81	999	3.500	999	75	999	91	145
26	870615	8.48	VV	20	4	999	20	999	0.0	0.0	0.0	0.0	999	12	999	81	999	3.500	999	75	999	359	145
27	870615	8.58	VV	30	4	999	20	999	0.0	0.0	0.0	0.0	999	12	999	81	999	3.500	999	75	999	220	145
28	870615	9.08	VV	40	4	999	20	999	0.0	0.0	0.0	0.0	999	12	999	81	999	3.500	999	75	999	152	145
29	870615	9.23	VV	50	4	999	20	999	0.0	0.0	0.0	0.0	999	12	999	81	999	3.500	999	75	999	112	145
30	870615	9.33	VV	70	4	999	20	999	0.0	0.0	0.0	0.0	999	12	999	81	999	3.500	999	75	999	91	145
31	870706	8.35	HH	20	3	999	135	999	0.0	0.0	0.0	0.0	999	20	999	50	999	99.999	999	0	999	343	145
32	870706	8.45	HH	30	3	999	135	999	0.0	0.0	0.0	0.0	999	20	999	50	999	99.999	999	0	999	238	145
33	870706	8.55	HH	40	3	999	135	999	0.0	0.0	0.0	0.0	999	20	999	50	999	99.999	999	0	999	169	145
34	870706	9.05	HH	50	3	999	135	999	0.0	0.0	0.0	0.0	999	20	999	50	999	99.999	999	0	999	104	145
35	870706	9.14	HH	70	3	999	135	999	0.0	0.0	0.0	0.0	999	20	999	50	999	99.999	999	0	999	87	145
36	870706	9.32	VV	20	3	999	135	999	0.0	0.0	0.0	0.0	999	20	999	50	999	99.999	999	0	999	348	145
37	870706	9.42	VV	30	3	999	135	999	0.0	0.0	0.0	0.0	999	20	999	50	999	99.999	999	0	999	227	145
38	870706	9.52	VV	40	3	999	135	999	0.0	0.0	0.0	0.0	999	20	999	50	999	99.999	999	0	999	145	145
39	870706	10.02	VV	50	3	999	135	999	0.0	0.0	0.0	0.0	999	20	999	50	999	99.999	999	0	999	102	145
40	870706	10.12	VV	70	3	999	135	999	0.0	0.0	0.0	0.0	999	20	999	50	999	99.999	999	0	999	90	145
41	870731	9.34	HH	20	5	999	90	999	0.0	0.0	0.0	2.5	999	16	999	82	999	99.999	999	75	999	371	145
42	870731	9.45	HH	30	5	999	90	999	0.0	0.0	0.0	2.5	999	16	999	82	999	99.999	999	75	999	222	145
43	870731	9.57	HH	40	5	999	90	999	0.0	0.0	0.0	2.5	999	16	999	82	999	99.999	999	75	999	155	145
44	870731	10.08	HH	50	5	999	90	999	0.0	0.0	0.0	2.5	999	16	999	82	999	99.999	999	75	999	110	145
45	870731	10.27	HH	70	5	999	90	999	0.0	0.0	0.0	2.5	999	16	999	82	999	99.999	999	75	999	96	145
46	870731	10.51	VV	20	5	999	90	999	0.0	0.0	0.0	2.5	999	16	999	82	999	99.999	999	75	999	362	145
47	870731	11.03	VV	30	5	999	90	999	0.0	0.0	0.0	2.5	999	16	999	82	999	99.999	999	75	999	219	145
48	870731	11.14	VV	40	5	999	90	999	0.0	0.0	0.0	2.5	999	16	999	82	999	99.999	999	75	999	158	145
49	870731	11.25	VV	50	5	999	90	999	0.0	0.0	0.0	2.5	999	16	999	82	999	99.999	999	75	999	104	145
50	870731	11.37	VV	70	5	999	90	999	0.0	0.0	0.0	2.5	999	16	999	82	999	99.999	999	75	999	96	145
51	870908	7.58	HH	20	4	999	300	999	0.0	0.0	0.0	0.0	999	17	999	65	999	99.999	999	25	999	364	145
52	870908	8.09	HH	30	4	999	300	999	0.0	0.0	0.0	0.0	999	17	999	65	999	99.999	999	25	999	234	145
53	870908	8.18	HH	40	4	999	300	999	0.0	0.0	0.0	0.0	999	17	999	65	999	99.999	999	25	999	152	145
54	870908	8.28	HH	50	4	999	300	999	0.0	0.0	0.0	0.0	999	17	999	65	999	99.999	999	25	999	111	145
55	870908	8.40	HH	70	4	999	300	999	0.0	0.0	0.0	0.0	999	17	999	65	999	99.999	999	25	999	92	145

	DATEOVER	TIMEOVER	POLARISAT	INCIANGLE	WINDSPEED	WISPCOMMEN	WINDDIR	WIDICOMMEN	PRECIPAT1	PRECIPAT4	PRECIPAT12	PRECIPAT24	PRECCOMMEN	AIRTEMP	ATEMPCOMME	HUMCOMMENT	HUMIDITY	DIRSUNLIGH	DIRSUNCOMM	CLOUDCOVER	CLCOVCOMME	SENSHEIGHT	LOOKDIR
56	870908	9.54	VV	20	4	999	300	999	0.0	0.0	0.0	0.0	999	17	999	65	999	99.999	999	25	999	367	145
57	870908	9.04	VV	30	4	999	300	999	0.0	0.0	0.0	0.0	999	17	999	65	999	99.999	999	25	999	220	145
58	870908	9.13	VV	40	4	999	300	999	0.0	0.0	0.0	0.0	999	17	999	65	999	99.999	999	25	999	152	145
59	870908	9.23	VV	50	4	999	300	999	0.0	0.0	0.0	0.0	999	17	999	65	999	99.999	999	25	999	110	145
60	870908	9.33	VV	70	4	999	300	999	0.0	0.0	0.0	0.0	999	17	999	65	999	99.999	999	25	999	95	145

NR	FREQUENCY1	CALIBR1	PRF1	PLSLENGTH1	RESOLSL1	RESOLGR1	TRANSPW1	DYNRAN1	BMWI3DB1	FREQUENCY2	CALIBR2	PRF2	PLSLENGTH2	RESOLSL2	RESOLGR2	TRANSPW2	DYNRAN2	BMWI3DB2	PRF3	FREQUENCY3	CALIBR3	PLSLENGTH3	RESOLSL3	RESOLGR3	TRANSPW3	DYNRAN3	BMWI3DB3
1	1.2	-1.7	78.125	100	381	130	250	0	11.3	3.2	-3.8	78.125	100	381	130	250	0	4.2	5.3	0.8	78.125	100	381	130	250	0	2.5
2	1.2	-1.7	78.125	100	264	132	250	0	11.3	3.2	-3.8	78.125	100	264	132	250	0	4.2	5.3	0.8	78.125	100	264	132	250	0	2.5
3	1.2	-1.7	78.125	100	221	142	250	0	11.3	3.2	-3.8	78.125	100	221	142	250	0	4.2	5.3	0.8	78.125	100	221	142	250	0	2.5
4	1.2	-1.7	78.125	100	182	139	250	0	11.3	3.2	-3.8	78.125	100	182	139	250	0	4.2	5.3	0.8	78.125	100	182	139	250	0	2.5
5	1.2	-1.7	78.125	100	319	299	250	0	11.3	3.2	-3.8	78.125	100	319	299	250	0	4.2	5.3	0.8	78.125	100	319	299	250	0	2.5
6	1.2	-0.1	78.125	100	383	131	250	0	11.3	3.2	-3.4	78.125	100	383	131	250	0	4.2	5.3	-1.7	78.125	100	383	131	250	0	2.5
7	1.2	-0.1	78.125	100	260	130	250	0	11.3	3.2	-3.4	78.125	100	260	130	250	0	4.2	5.3	-1.7	78.125	100	260	130	250	0	2.5
8	1.2	-0.1	78.125	100	214	138	250	0	11.3	3.2	-3.4	78.125	100	214	138	250	0	4.2	5.3	-1.7	78.125	100	214	138	250	0	2.5
9	1.2	-0.1	78.125	100	174	133	250	0	11.3	3.2	-3.4	78.125	100	174	133	250	0	4.2	5.3	-1.7	78.125	100	174	133	250	0	2.5
10	1.2	-0.1	78.125	100	289	272	250	0	11.3	3.2	-3.4	78.125	100	289	272	250	0	4.2	5.3	-1.7	78.125	100	289	272	250	0	2.5
11	1.2	1.4	78.125	100	377	129	250	0	11.3	3.2	1.5	78.125	100	377	129	250	0	4.2	5.3	2.9	78.125	100	377	129	250	0	2.5
12	1.2	1.4	78.125	100	255	128	250	0	11.3	3.2	1.5	78.125	100	255	128	250	0	4.2	5.3	2.9	78.125	100	255	128	250	0	2.5
13	1.2	1.4	78.125	100	197	127	250	0	11.3	3.2	1.5	78.125	100	197	127	250	0	4.2	5.3	2.9	78.125	100	197	127	250	0	2.5
14	1.2	1.4	78.125	100	173	132	250	0	11.3	3.2	1.5	78.125	100	173	132	250	0	4.2	5.3	2.9	78.125	100	173	132	250	0	2.5
15	1.2	1.4	78.125	100	295	277	250	0	11.3	3.2	1.5	78.125	100	295	277	250	0	4.2	5.3	2.9	78.125	100	295	277	250	0	2.5
16	1.2	1.5	78.125	100	383	131	250	0	11.3	3.2	-1.4	78.125	100	383	131	250	0	4.2	5.3	3.5	78.125	100	383	131	250	0	2.5
17	1.2	1.5	78.125	100	251	125	250	0	11.3	3.2	-1.4	78.125	100	251	125	250	0	4.2	5.3	3.5	78.125	100	251	125	250	0	2.5
18	1.2	1.5	78.125	100	196	126	250	0	11.3	3.2	-1.4	78.125	100	196	126	250	0	4.2	5.3	3.5	78.125	100	196	126	250	0	2.5
19	1.2	1.5	78.125	100	171	131	250	0	11.3	3.2	-1.4	78.125	100	171	131	250	0	4.2	5.3	3.5	78.125	100	171	131	250	0	2.5
20	1.2	1.5	78.125	100	301	283	250	0	11.3	3.2	-1.4	78.125	100	301	283	250	0	4.2	5.3	3.5	78.125	100	301	283	250	0	2.5
21	1.2	0.9	78.125	100	385	132	250	0	11.3	3.2	-3.4	78.125	100	385	132	250	0	4.2	5.3	3.2	78.125	100	385	132	250	0	2.5
22	1.2	0.9	78.125	100	257	129	250	0	11.3	3.2	-3.4	78.125	100	257	129	250	0	4.2	5.3	3.2	78.125	100	257	129	250	0	2.5
23	1.2	0.9	78.125	100	195	125	250	0	11.3	3.2	-3.4	78.125	100	195	125	250	0	4.2	5.3	3.2	78.125	100	195	125	250	0	2.5
24	1.2	0.9	78.125	100	163	125	250	0	11.3	3.2	-3.4	78.125	100	163	125	250	0	4.2	5.3	3.2	78.125	100	163	125	250	0	2.5
25	1.2	0.9	78.125	100	266	250	250	0	11.3	3.2	-3.4	78.125	100	266	250	250	0	4.2	5.3	3.2	78.125	100	266	250	250	0	2.5
26	1.2	1.4	78.125	100	382	131	250	0	11.3	3.2	-1.3	78.125	100	382	131	250	0	4.2	5.3	1.8	78.125	100	382	131	250	0	2.5
27	1.2	1.4	78.125	100	254	127	250	0	11.3	3.2	-1.3	78.125	100	254	127	250	0	4.2	5.3	1.8	78.125	100	254	127	250	0	2.5
28	1.2	1.4	78.125	100	198	128	250	0	11.3	3.2	-1.3	78.125	100	198	128	250	0	4.2	5.3	1.8	78.125	100	198	128	250	0	2.5
29	1.2	1.4	78.125	100	174	133	250	0	11.3	3.2	-1.3	78.125	100	174	133	250	0	4.2	5.3	1.8	78.125	100	174	133	250	0	2.5
30	1.2	1.4	78.125	100	266	250	250	0	11.3	3.2	-1.3	78.125	100	266	250	250	0	4.2	5.3	1.8	78.125	100	266	250	250	0	2.5
31	1.2	1.3	78.125	100	365	125	250	0	11.3	3.2	-0.1	78.125	100	365	125	250	0	4.2	5.3	2.7	78.125	100	365	125	250	0	2.5
32	1.2	1.3	78.125	100	275	137	250	0	11.3	3.2	-0.1	78.125	100	275	137	250	0	4.2	5.3	2.7	78.125	100	275	137	250	0	2.5
33	1.2	1.3	78.125	100	195	125	250	0	11.3	3.2	-0.1	78.125	100	195	125	250	0	4.2	5.3	2.7	78.125	100	195	125	250	0	2.5
34	1.2	1.3	78.125	100	162	124	250	0	11.3	3.2	-0.1	78.125	100	162	124	250	0	4.2	5.3	2.7	78.125	100	162	124	250	0	2.5
35	1.2	1.3	78.125	100	254	239	250	0	11.3	3.2	-0.1	78.125	100	254	239	250	0	4.2	5.3	2.7	78.125	100	254	239	250	0	2.5
36	1.2	3.3	78.125	100	370	127	250	0	11.3	3.2	-0.4	78.125	100	370	127	250	0	4.2	5.3	4.4	78.125	100	370	127	250	0	2.5
37	1.2	3.3	78.125	100	262	131	250	0	11.3	3.2	-0.4	78.125	100	262	131	250	0	4.2	5.3	4.4	78.125	100	262	131	250	0	2.5
38	1.2	3.3	78.125	100	189	122	250	0	11.3	3.2	-0.4	78.125	100	189	122	250	0	4.2	5.3	4.4	78.125	100	189	122	250	0	2.5
39	1.2	3.3	78.125	100	159	122	250	0	11.3	3.2	-0.4	78.125	100	159	122	250	0	4.2	5.3	4.4	78.125	100	159	122	250	0	2.5
40	1.2	3.3	78.125	100	263	247	250	0	11.3	3.2	-0.4	78.125	100	263	247	250	0	4.2	5.3	4.4	78.125	100	263	247	250	0	2.5
41	1.2	1.2	78.125	100	395	135	250	0	11.3	3.2	-1.7	78.125	100	395	135	250	0	4.2	5.3	4.7	78.125	100	395	135	250	0	2.5
42	1.2	1.2	78.125	100	256	128	250	0	11.3	3.2	-1.7	78.125	100	256	128	250	0	4.2	5.3	4.7	78.125	100	256	128	250	0	2.5
43	1.2	1.2	78.125	100	202	130	250	0	11.3	3.2	-1.7	78.125	100	202	130	250	0	4.2	5.3	4.7	78.125	100	202	130	250	0	2.5
44	1.2	1.2	78.125	100	171	131	250	0	11.3	3.2	-1.7	78.125	100	171	131	250	0	4.2	5.3	4.7	78.125	100	171	131	250	0	2.5
45	1.2	1.2	78.125	100	281	264	250	0	11.3	3.2	-1.7	78.125	100	281	264	250	0	4.2	5.3	4.7	78.125	100	281	264	250	0	2.5

	FREQUENCY1	CALIBR1	PRF1	RESOLSL1	RESOLGR1	TRANSPW1	PLSLENGTH1	DYNRAN1	BMWI3DB1	FREQUENCY2	CALIBR2	PRF2	PLSLENGTH2	RESOLSL2	RESOLGR2	TRANSPW2	DYNRAN2	BMWI3DB2	FREQUENCY3	CALIBR3	PRF3	PLSLENGTH3	RESOLSL3	RESOLGR3	TRANSPW3	DYNRAN3	BMWI3DB3
46	1.2	1.9	78.125	100	385	132	250	0	11.3	3.2	-3.3	78.125	100	385	132	250	0	4.2	5.3	1.7	78.125	100	385	132	250	0	2.5
47	1.2	1.9	78.125	100	253	126	250	0	11.3	3.2	-3.3	78.125	100	253	126	250	0	4.2	5.3	1.7	78.125	100	253	126	250	0	2.5
48	1.2	1.9	78.125	100	206	133	250	0	11.3	3.2	-3.3	78.125	100	206	133	250	0	4.2	5.3	1.7	78.125	100	206	133	250	0	2.5
49	1.2	1.9	78.125	100	162	124	250	0	11.3	3.2	-3.3	78.125	100	162	124	250	0	4.2	5.3	1.7	78.125	100	162	124	250	0	2.5
50	1.2	1.9	78.125	100	281	264	250	0	11.3	3.2	-3.3	78.125	100	281	264	250	0	4.2	5.3	1.7	78.125	100	281	264	250	0	2.5
51	1.2	-0.3	78.125	100	387	131	250	0	11.3	3.2	-2.7	78.125	100	387	131	250	0	4.2	5.3	4.0	78.125	100	387	131	250	0	2.5
52	1.2	-0.3	78.125	100	270	135	250	0	11.3	3.2	-2.7	78.125	100	270	135	250	0	4.2	5.3	4.0	78.125	100	270	135	250	0	2.5
53	1.2	-0.3	78.125	100	198	127	250	0	11.3	3.2	-2.7	78.125	100	198	127	250	0	4.2	5.3	4.0	78.125	100	198	127	250	0	2.5
54	1.2	-0.3	78.125	100	173	133	250	0	11.3	3.2	-2.7	78.125	100	173	133	250	0	4.2	5.3	4.0	78.125	100	173	133	250	0	2.5
55	1.2	-0.3	78.125	100	269	253	250	0	11.3	3.2	-2.7	78.125	100	269	253	250	0	4.2	5.3	4.0	78.125	100	269	253	250	0	2.5
56	1.2	3.8	78.125	100	391	135	250	0	11.3	3.2	0.8	78.125	100	391	135	250	0	4.2	5.3	2.3	78.125	100	391	135	250	0	2.5
57	1.2	3.8	78.125	100	254	127	250	0	11.3	3.2	0.8	78.125	100	254	127	250	0	4.2	5.3	2.3	78.125	100	254	127	250	0	2.5
58	1.2	3.8	78.125	100	198	127	250	0	11.3	3.2	0.8	78.125	100	198	127	250	0	4.2	5.3	2.3	78.125	100	198	127	250	0	2.5
59	1.2	3.8	78.125	100	171	131	250	0	11.3	3.2	0.8	78.125	100	171	131	250	0	4.2	5.3	2.3	78.125	100	171	131	250	0	2.5
60	1.2	3.8	78.125	100	278	261	250	0	11.3	3.2	0.8	78.125	100	278	261	250	0	4.2	5.3	2.3	78.125	100	278	261	250	0	2.5

NR	FREQUENCY4	CALIBR4	PRF4	RESOLSL4	RESOLGR4	TRANSPW4	PLSLENGTH4	DYNRAN4	BMWI3DB4	FREQUENCY5	CALIBR5	PRF5	PLSLENGTH5	RESOLSL5	RESOLGR5	TRANSPW5	DYNRAN5	BMWI3DB5	FREQUENCY6	CALIBR6	PRF6	PLSLENGTH6	RESOLSL6	RESOLGR6	TRANSPW6	DYNRAN6	BMWI3DB6
1	9.65	3.5	78.125	100	381	130	250	0	1.4	13.7	3.0	78.125	100	381	130	250	0	1.0	17.25	6.6	78.125	100	381	130	250	0	0.8
2	9.65	3.5	78.125	100	264	132	250	0	1.4	13.7	3.0	78.125	100	264	132	250	0	1.0	17.25	6.6	78.125	100	264	132	250	0	0.8
3	9.65	3.5	78.125	100	221	142	250	0	1.4	13.7	3.0	78.125	100	221	142	250	0	1.0	17.25	6.6	78.125	100	221	142	250	0	0.8
4	9.65	3.5	78.125	100	182	139	250	0	1.4	13.7	3.0	78.125	100	182	139	250	0	1.0	17.25	6.6	78.125	100	182	139	250	0	0.8
5	9.65	3.5	78.125	100	319	299	250	0	1.4	13.7	3.0	78.125	100	319	299	250	0	1.0	17.25	6.6	78.125	100	319	299	250	0	0.8
6	9.65	99.9	78.125	100	383	131	250	0	1.4	13.7	2.3	78.125	100	383	131	250	0	1.0	17.25	1.8	78.125	100	383	131	250	0	0.8
7	9.65	99.9	78.125	100	260	130	250	0	1.4	13.7	2.3	78.125	100	260	130	250	0	1.0	17.25	1.8	78.125	100	260	130	250	0	0.8
8	9.65	99.9	78.125	100	214	138	250	0	1.4	13.7	2.3	78.125	100	214	138	250	0	1.0	17.25	1.8	78.125	100	214	138	250	0	0.8
9	9.65	99.9	78.125	100	174	133	250	0	1.4	13.7	2.3	78.125	100	174	133	250	0	1.0	17.25	1.8	78.125	100	174	133	250	0	0.8
10	9.65	99.9	78.125	100	289	272	250	0	1.4	13.7	2.3	78.125	100	289	272	250	0	1.0	17.25	1.8	78.125	100	289	272	250	0	0.8
11	9.65	99.9	78.125	100	377	129	250	0	1.4	13.7	4.5	78.125	100	377	129	250	0	1.0	17.25	7.1	78.125	100	377	129	250	0	0.8
12	9.65	99.9	78.125	100	255	128	250	0	1.4	13.7	4.5	78.125	100	255	128	250	0	1.0	17.25	7.1	78.125	100	255	128	250	0	0.8
13	9.65	99.9	78.125	100	197	127	250	0	1.4	13.7	4.5	78.125	100	197	127	250	0	1.0	17.25	7.1	78.125	100	197	127	250	0	0.8
14	9.65	99.9	78.125	100	173	132	250	0	1.4	13.7	4.5	78.125	100	173	132	250	0	1.0	17.25	7.1	78.125	100	173	132	250	0	0.8
15	9.65	99.9	78.125	100	295	277	250	0	1.4	13.7	4.5	78.125	100	295	277	250	0	1.0	17.25	7.1	78.125	100	295	277	250	0	0.8
16	9.65	99.9	78.125	100	383	131	250	0	1.4	13.7	3.7	78.125	100	383	131	250	0	1.0	17.25	6.8	78.125	100	383	131	250	0	0.8
17	9.65	99.9	78.125	100	251	125	250	0	1.4	13.7	3.7	78.125	100	251	125	250	0	1.0	17.25	6.8	78.125	100	251	125	250	0	0.8
18	9.65	99.9	78.125	100	196	126	250	0	1.4	13.7	3.7	78.125	100	196	126	250	0	1.0	17.25	6.8	78.125	100	196	126	250	0	0.8
19	9.65	99.9	78.125	100	171	131	250	0	1.4	13.7	3.7	78.125	100	171	131	250	0	1.0	17.25	6.8	78.125	100	171	131	250	0	0.8
20	9.65	99.9	78.125	100	301	283	250	0	1.4	13.7	3.7	78.125	100	301	283	250	0	1.0	17.25	6.8	78.125	100	301	283	250	0	0.8
21	9.65	99.9	78.125	100	385	132	250	0	1.4	13.7	4.0	78.125	100	385	132	250	0	1.0	17.25	7.1	78.125	100	385	132	250	0	0.8
22	9.65	99.9	78.125	100	257	129	250	0	1.4	13.7	4.0	78.125	100	257	129	250	0	1.0	17.25	7.1	78.125	100	257	129	250	0	0.8
23	9.65	99.9	78.125	100	195	125	250	0	1.4	13.7	4.0	78.125	100	195	125	250	0	1.0	17.25	7.1	78.125	100	195	125	250	0	0.8
24	9.65	99.9	78.125	100	163	125	250	0	1.4	13.7	4.0	78.125	100	163	125	250	0	1.0	17.25	7.1	78.125	100	163	125	250	0	0.8
25	9.65	99.9	78.125	100	266	250	250	0	1.4	13.7	4.0	78.125	100	266	250	250	0	1.0	17.25	7.1	78.125	100	266	250	250	0	0.8
26	9.65	99.9	78.125	100	392	131	250	0	1.4	13.7	4.9	78.125	100	382	131	250	0	1.0	17.25	7.2	78.125	100	382	131	250	0	0.8
27	9.65	99.9	78.125	100	254	127	250	0	1.4	13.7	4.9	78.125	100	254	127	250	0	1.0	17.25	7.2	78.125	100	254	127	250	0	0.8
28	9.65	99.9	78.125	100	198	128	250	0	1.4	13.7	4.9	78.125	100	198	128	250	0	1.0	17.25	7.2	78.125	100	198	128	250	0	0.8
29	9.65	99.9	78.125	100	174	133	250	0	1.4	13.7	4.9	78.125	100	174	133	250	0	1.0	17.25	7.2	78.125	100	174	133	250	0	0.8
30	9.65	99.9	78.125	100	266	250	250	0	1.4	13.7	4.9	78.125	100	266	250	250	0	1.0	17.25	7.2	78.125	100	266	250	250	0	0.8

	FREQUENCY4	CALIBR4	PRF4	RESOLSL4	RESOLGR4	TRANSPW4	BMWI3DB4	DYNRAN4	FREQUENCY5	CALIBR5	PRF5	PLSLENGTH5	RESOLSL5	RESOLGR5	TRANSPW5	DYNRAN5	BMWI3DB5	PRF6	FREQUENCY6	CALIBR6	PLSLENGTH6	RESOLSL6	RESOLGR6	TRANSPW6	DYNRAN6	BMWI3DB6
NR				PLSLENGTH4																						
31	9.65	99.9	78.125	100	365	125	250	0	1.4	13.7	4.5	78.125	100	365	125	250	0	1.0	17.25	7.0	78.125	100	365	125	250	0	0.8
32	9.65	99.9	78.125	100	275	137	250	0	1.4	13.7	4.5	78.125	100	275	137	250	0	1.0	17.25	7.0	78.125	100	275	137	250	0	0.8
33	9.65	99.9	78.125	100	195	125	250	0	1.4	13.7	4.5	78.125	100	195	125	250	0	1.0	17.25	7.0	78.125	100	195	125	250	0	0.8
34	9.65	99.9	78.125	100	162	124	250	0	1.4	13.7	4.5	78.125	100	162	124	250	0	1.0	17.25	7.0	78.125	100	162	124	250	0	0.8
35	9.65	99.9	78.125	100	254	239	250	0	1.4	13.7	4.5	78.125	100	254	239	250	0	1.0	17.25	7.0	78.125	100	254	239	250	0	0.8
36	9.65	99.9	78.125	100	370	127	250	0	1.4	13.7	4.7	78.125	100	370	127	250	0	1.0	17.25	8.3	78.125	100	370	127	250	0	0.8
37	9.65	99.9	78.125	100	262	131	250	0	1.4	13.7	4.7	78.125	100	262	131	250	0	1.0	17.25	8.3	78.125	100	262	131	250	0	0.8
38	9.65	99.9	78.125	100	189	122	250	0	1.4	13.7	4.7	78.125	100	189	122	250	0	1.0	17.25	8.3	78.125	100	189	122	250	0	0.8
39	9.65	99.9	78.125	100	159	122	250	0	1.4	13.7	4.7	78.125	100	159	122	250	0	1.0	17.25	8.3	78.125	100	159	122	250	0	0.8
40	9.65	99.9	78.125	100	263	247	250	0	1.4	13.7	4.7	78.125	100	263	247	250	0	1.0	17.25	8.3	78.125	100	263	247	250	0	0.8
41	9.65	99.9	78.125	100	395	135	250	0	1.4	13.7	4.0	78.125	100	395	135	250	0	1.0	17.25	5.4	78.125	100	395	135	250	0	0.8
42	9.65	99.9	78.125	100	256	128	250	0	1.4	13.7	4.0	78.125	100	256	128	250	0	1.0	17.25	5.4	78.125	100	256	128	250	0	0.8
43	9.65	99.9	78.125	100	202	130	250	0	1.4	13.7	4.0	78.125	100	202	130	250	0	1.0	17.25	5.4	78.125	100	202	130	250	0	0.8
44	9.65	99.9	78.125	100	171	131	250	0	1.4	13.7	4.0	78.125	100	171	131	250	0	1.0	17.25	5.4	78.125	100	171	131	250	0	0.8
45	9.65	99.9	78.125	100	281	164	250	0	1.4	13.7	4.0	78.125	100	281	264	250	0	1.0	17.25	5.4	78.125	100	281	264	250	0	0.8
46	9.65	99.9	78.125	100	385	132	250	0	1.4	13.7	2.8	78.125	100	385	132	250	0	1.0	17.25	5.7	78.125	100	385	132	250	0	0.8
47	9.65	99.9	78.125	100	253	126	250	0	1.4	13.7	2.8	78.125	100	253	126	250	0	1.0	17.25	5.7	78.125	100	253	126	250	0	0.8
48	9.65	99.9	78.125	100	206	133	250	0	1.4	13.7	2.8	78.125	100	206	133	250	0	1.0	17.25	5.7	78.125	100	206	133	250	0	0.8
49	9.65	99.9	78.125	100	162	124	250	0	1.4	13.7	2.8	78.125	100	162	124	250	0	1.0	17.25	5.7	78.125	100	162	124	250	0	0.8
50	9.65	99.9	78.125	100	281	264	250	0	1.4	13.7	2.8	78.125	100	281	264	250	0	1.0	17.25	5.7	78.125	100	281	264	250	0	0.8
51	9.65	4.6	78.125	100	387	131	250	0	1.4	13.7	2.4	78.125	100	387	131	250	0	1.0	17.25	6.1	78.125	100	387	131	250	0	0.8
52	9.65	4.6	78.125	100	270	135	250	0	1.4	13.7	2.4	78.125	100	270	135	250	0	1.0	17.25	6.1	78.125	100	270	135	250	0	0.8
53	9.65	4.6	78.125	100	198	127	250	0	1.4	13.7	2.4	78.125	100	198	127	250	0	1.0	17.25	6.1	78.125	100	198	127	250	0	0.8
54	9.65	4.6	78.125	100	173	133	250	0	1.4	13.7	2.4	78.125	100	173	133	250	0	1.0	17.25	6.1	78.125	100	173	133	250	0	0.8
55	9.65	4.6	78.125	100	269	253	250	0	1.4	13.7	2.4	78.125	100	269	253	250	0	1.0	17.25	6.1	78.125	100	269	253	250	0	0.8
56	9.65	10.3	78.125	100	391	135	250	0	1.4	13.7	5.1	78.125	100	391	135	250	0	1.0	17.25	6.2	78.125	100	391	135	250	0	0.8
57	9.65	10.3	78.125	100	254	127	250	0	1.4	13.7	5.1	78.125	100	254	127	250	0	1.0	17.25	6.2	78.125	100	254	127	250	0	0.8
58	9.65	10.3	78.125	100	198	127	250	0	1.4	13.7	5.1	78.125	100	198	127	250	0	1.0	17.25	6.2	78.125	100	198	127	250	0	0.8
59	9.65	10.3	78.125	100	171	131	250	0	1.4	13.7	5.1	78.125	100	171	131	250	0	1.0	17.25	6.2	78.125	100	171	131	250	0	0.8
60	9.65	10.3	78.125	100	278	261	250	0	1.4	13.7	5.1	78.125	100	278	261	250	0	1.0	17.25	6.2	78.125	100	278	261	250	0	0.8

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0010. BAR. 870518	9. 36	21	-17. 0	0. 8	132	-4. 7	0. 5	136	-6. 3	0. 5	136	-0. 9	0. 9	136	-2. 4	0. 9	136	0. 9	3. 9	136
FL0010. BAR. 870518	9. 49	30	-15. 3	1. 1	131	-9. 2	0. 3	134	-7. 2	0. 4	134	-4. 3	1. 1	134	-2. 6	0. 7	134	-2. 4	0. 6	134
FL0010. BAR. 870518	10. 02	40	-15. 3	1. 2	131	-11. 3	0. 4	133	-9. 0	0. 5	133	-6. 6	1. 1	133	-5. 4	0. 7	133	-5. 6	0. 8	133
FL0010. BAR. 870518	10. 13	50	-22. 6	1. 4	128	-13. 2	0. 5	130	-12. 2	0. 4	130	-8. 1	0. 9	130	-7. 4	0. 5	130	-7. 7	0. 7	130
FL0010. BAR. 870518	10. 24	70	-29. 8	1. 2	127	-16. 6	0. 8	130	-20. 3	1. 0	130	-10. 4	0. 7	130	-11. 2	0. 8	130	-11. 5	1. 1	130
FL0010. BAR. 870518	10. 39	20	-14. 5	0. 7	117	-4. 2	0. 5	121	-7. 0	0. 4	121	-3. 5	1. 2	121	-2. 5	0. 9	121	-2. 4	1. 1	121
FL0010. BAR. 870518	10. 49	30	-11. 9	0. 9	123	-9. 0	0. 3	125	-10. 9	0. 4	125	-6. 3	0. 9	125	-2. 6	0. 7	125	-2. 1	0. 6	125
FL0010. BAR. 870518	10. 58	39	-18. 3	0. 9	125	-9. 2	0. 3	127	-9. 3	0. 4	127	-7. 6	0. 8	127	-4. 2	0. 8	127	-5. 3	0. 8	127
FL0010. BAR. 870518	11. 08	49	-21. 5	1. 1	124	-13. 8	0. 4	125	-10. 7	0. 6	125	-9. 0	0. 8	125	-8. 0	0. 8	125	-6. 8	0. 7	125
FL0010. BAR. 870518	11. 17	70	-22. 6	5. 1	129	-11. 8	0. 6	131	-15. 7	0. 6	131	-12 3	0. 6	131	-11. 2	0. 6	131	-11. 1	0. 8	131
FL0022. BEA. 870518	9. 36	21	-15. 1	0. 9	85	-3. 3	0. 4	89	-6. 3	0. 5	89	2 3	0. 6	89	-1. 7	0. 6	89	3. 2	1. 1	89
FL0022. BEA. 870518	9. 49	30	-13. 6	0. 9	84	-8. 7	0. 4	87	-7. 1	0. 4	87	0. 2	1. 1	87	-1. 0	0. 6	87	-0. 1	0. 7	87
FL0022. BEA. 870518	10. 02	40	-11. 3	1. 0	85	-10. 9	0. 4	89	-8. 3	0. 5	89	-4. 9	0. 9	89	-4. 9	0. 5	89	-4. 5	0. 7	89
FL0022. BEA. 870518	10. 13	50	-19. 3	1. 3	90	-12. 7	0. 5	91	-11. 6	0. 6	91	-7. 5	0. 9	91	-7. 3	0. 5	91	-7. 7	0. 7	91
FL0022. BEA. 870518	10. 24	70	-26. 2	2. 6	83	-15. 5	1. 2	87	-20. 1	1. 2	87	-11. 2	0. 6	87	-11. 0	0. 8	87	-11. 6	0. 8	87
FL0022. BEA. 870518	10. 39	19	-13. 4	0. 8	77	-3. 1	0. 5	80	-6. 4	0. 3	80	1. 7	1. 0	80	-1. 5	0. 6	80	-0. 2	0. 9	80
FL0022. BEA. 870518	10. 49	30	-10. 7	0. 7	79	-8. 4	0. 5	81	-10. 1	0. 5	81	-2 7	0. 9	81	-0. 6	0. 6	81	1. 1	0. 8	81
FL0022. BEA. 870518	10. 58	40	-16. 5	1. 2	83	-8. 3	0. 4	85	-8. 3	0. 6	85	-5. 5	1. 2	85	-3. 2	0. 8	85	-4. 3	1. 1	85
FL0022. BEA. 870518	11. 08	50	-19. 3	1. 5	82	-13. 1	0. 6	84	-10. 2	0. 6	84	-8 0	0. 9	84	-7. 9	0. 6	84	-6. 5	0. 8	84
FL0022. BEA. 870518	11. 17	70	-17. 8	2. 3	81	-10. 6	0. 8	86	-15. 6	0. 5	86	-13. 0	0. 6	86	-11. 4	0. 6	86	-11. 2	0. 8	86
FL0030. WHE. 870518	9. 36	20	-17. 5	0. 4	35	-4. 9	0. 4	39	-8. 1	0. 5	39	-5. 1	1. 2	39	-4. 1	0. 7	39	1. 3	0. 8	39
FL0030. WHE. 870518	9. 49	30	-16. 5	0. 5	16	-9. 4	0. 3	19	-7. 3	0. 3	19	-7. 4	4. 0	19	-3. 2	0. 7	19	-3. 3	0. 7	19
FL0030. WHE. 870518	10. 02	40	-16. 6	0. 7	38	-11. 4	0. 2	40	-9. 7	0. 5	40	-7. 9	0. 9	40	-6. 2	0. 7	40	-6. 4	0. 7	40
FL0030. WHE. 870518	10. 13	50	-22 0	0. 4	38	-13. 4	0. 5	40	-12. 8	0. 5	40	-9. 3	0. 8	40	-7. 7	0. 9	40	-8. 3	0. 7	40
FL0030. WHE. 870518	10. 24	70	-28. 4	0. 7	36	-15. 8	0. 6	40	-20. 1	0. 5	40	-10. 7	0. 6	40	-10. 8	0. 4	40	-11. 1	0. 7	40
FL0030. WHE. 870518	10. 39	20	-15. 7	0. 5	31	-4. 6	0. 3	35	-8. 0	0. 4	35	-6. 3	1. 1	35	-4. 3	0. 5	35	-4. 0	0. 7	35
FL0030. WHE. 870518	10. 49	30	-14. 8	0. 6	34	-9. 6	0. 4	37	-11. 2	0. 5	37	-8. 5	1. 4	37	-3. 1	0. 8	37	-2. 9	0. 9	37
FL0030. WHE. 870518	10. 58	40	-19. 3	0. 6	35	-9. 4	0. 4	37	-10. 1	0. 6	37	-8 9	0. 9	37	-4. 3	0. 8	37	-6. 1	0. 7	37
FL0030. WHE. 870518	11. 08	51	-21. 2	0. 9	36	-13. 6	0. 4	37	-10. 4	0. 6	37	-9. 4	0. 9	37	-8. 1	0. 7	37	-6. 9	0. 9	37
FL0030. WHE. 870518	11. 17	70	-22 3	0. 8	36	-11. 8	0. 5	39	-15. 4	0. 5	39	-12 0	0. 6	39	-10. 9	0. 6	39	-11. 0	0. 7	39
FL0040. WHE. 870518	9. 36	20	-18. 0	0. 3	15	-4. 9	0. 4	20	-7. 6	0. 4	20	-2. 7	0. 6	20	-3. 7	0. 6	20	1. 7	0. 9	20
FL0040. WHE. 870518	9. 49	29	-16. 5	0. 4	15	-9. 4	0. 3	19	-7. 5	0. 4	19	-8. 0	4. 7	19	-3. 7	0. 4	19	-3. 9	0. 6	19
FL0040. WHE. 870518	10. 02	40	-18. 1	0. 9	19	-11. 4	0. 3	21	-9. 6	0. 4	21	-7. 2	1. 0	21	-5. 8	0. 4	21	-5. 5	0. 3	21
FL0040. WHE. 870518	10. 13	50	-22 7	0. 5	20	-13. 1	0. 4	22	-12. 1	0. 5	22	-8. 6	1. 2	22	-7. 4	0. 7	22	-8. 1	0. 5	22
FL0040. WHE. 870518	10. 24	71	-30. 5	5. 0	17	-15. 0	0. 8	20	-19. 2	0. 9	20	-10. 2	0. 4	20	-10. 5	0. 6	20	-10. 9	0. 9	20
FL0040. WHE. 870518	10. 39	21	-15. 9	0. 4	15	-4. 6	0. 4	18	-7. 4	0. 3	18	-3. 2	1. 1	18	-2. 9	0. 4	18	-2. 4	0. 6	18
FL0040. WHE. 870518	10. 49	29	-14. 5	0. 5	17	-9. 4	0. 2	19	-11. 1	0. 5	19	-7. 6	0. 7	19	-3. 2	1. 0	19	-2. 8	0. 6	19
FL0040. WHE. 870518	10. 58	40	-19. 5	0. 7	18	-9. 0	0. 6	20	-9. 2	0. 5	20	-7. 5	0. 9	20	-4. 3	1. 1	20	-5. 4	0. 8	20
FL0040. WHE. 870518	11. 08	53	-20. 9	0. 6	17	-12. 7	0. 7	19	-9. 6	0. 8	19	-8. 9	0. 8	19	-7. 7	0. 6	19	-6. 5	0. 6	19
FL0040. WHE. 870518	11. 17	70	-24. 0	4. 3	17	-11. 8	0. 6	20	-15. 5	0. 5	20	-12 2	0. 5	20	-11. 2	0. 5	20	-10. 6	1 3	20
FL0051. SBT. 870518	9. 36	20	-18. 2	0. 6	15	-4. 9	0. 4	19	-7. 8	0. 5	19	-1. 8	0. 7	19	-3. 2	0. 5	19	2. 0	0. 7	19
FL0051. SBT. 870518	9. 49	30	-16. 7	0. 5	18	-9. 4	0. 3	20	-7. 0	0. 3	20	-5. 0	1. 1	20	-2. 1	0. 5	20	-2. 5	0. 5	20
FL0051. SBT. 870518	10. 02	39	-18. 2	1. 6	17	-12. 8	0. 3	20	-10. 7	0. 9	20	-8. 8	1. 1	20	-5. 4	0. 8	20	-4. 5	0 6	20
FL0051. SBT. 870518	10. 13	49	-26. 0	1. 0	18	-15. 3	0. 5	20	-13. 9	0. 6	20	-10. 2	0. 9	20	-7. 9	0. 4	20	-8. 4	0. 6	20
FL0051. SBT. 870518	10. 24	69	-27. 3	0. 4	16	-21. 0	0. 7	19	-21. 5	0. 3	19	-13. 9	0. 4	19	-12. 7	0. 8	19	-12. 7	1. 2	19
FL0051. SBT. 870518	10. 39	19	-15. 8	0. 7	14	-4. 6	0. 5	18	-7. 3	0. 4	18	-2. 6	0. 8	18	-2. 6	0. 7	18	-1. 8	0. 7	18
FL0051. SBT. 870518	10. 49	31	-15. 2	0. 7	15	-9. 7	0. 3	18	-11. 0	0. 3	18	-6. 5	0. 6	18	-1. 9	0. 7	18	-0. 5	0. 8	18
FL0051. SBT. 870518	10. 58	41	-20. 4	0. 7	17	-9. 7	0. 5	19	-9. 8	0. 5	19	-8. 5	0. 9	19	-4. 3	0. 9	19	-5. 3	0. 7	19
FL0051. SBT. 870518	11. 08	48	-23 2	1. 3	19	-13. 6	0. 3	19	-10. 5	0. 3	19	-9. 7	0. 9	19	-7. 9	0. 8	19	-6. 5	0. 7	19
FL0051. SBT. 870518	11. 17	68	-27. 9	4. 0	17	-12. 6	0. 9	19	-16. 2	0. 9	19	-14. 3	1. 1	19	-12. 8	1. 4	19	-13. 0	1. 5	19
FL0052. SBT. 870518	9. 36	20	-18. 2	0. 6	15	-4. 9	0. 4	19	-7. 8	0. 5	19	-1. 8	0. 7	19	-3. 2	0. 5	19	2. 0	0. 7	19
FL0052. SBT. 870518	9. 49	30	-16. 7	0. 5	18	-9. 4	0 3	20	-7. 0	0 3	20	-5 0	1 1	20	-2. 1	0. 5	20	-2. 5	0. 5	20
FL0052. SBT. 870518	10. 02	39	-18 2	1. 6	17	-12 8	0. 3	20	-10. 7	0. 9	20	-8. 8	1. 1	20	-5. 4	0. 8	20	-4. 5	0. 6	20
FL0052. SBT. 870518	10. 13	49	-26 0	1. 0	18	-15. 3	0. 5	20	-13. 9	0. 6	20	-10. 2	0. 9	20	-7. 9	0. 4	20	-8. 4	0. 6	20

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0052.SBT.870518	10.24	69	-27.3	0.4	16	-21.0	0.7	19	-21.5	0.3	19	-13.9	0.4	19	-12.7	0.8	19	-12.7	1.2	19
FL0052.SBT.870518	10.39	19	-15.8	0.7	14	-4.6	0.5	18	-7.3	0.4	18	-2.6	0.8	18	-2.6	0.7	18	-1.8	0.7	18
FL0052.SBT.870518	10.49	31	-15.2	0.7	15	-9.7	0.3	18	-11.0	0.3	18	-6.5	0.6	18	-1.9	0.7	18	-0.5	0.8	18
FL0052.SBT.870518	10.58	41	-20.4	0.7	17	-9.7	0.5	19	-9.8	0.5	19	-8.5	0.9	19	-4.3	0.9	19	-5.3	0.7	19
FL0052.SBT.870518	11.08	48	-23.2	1.3	19	-13.6	0.3	19	-10.5	0.3	19	-9.7	0.9	19	-7.9	0.8	19	-6.5	0.7	19
FL0052.SBT.870518	11.17	68	-27.9	4.0	17	-12.6	0.9	19	-16.2	0.9	19	-14.3	1.1	19	-12.8	1.4	19	-13.0	1.5	19
FL0061.POT.870518	9.36	20	-19.7	0.7	41	-6.4	0.6	46	-8.2	0.5	46	-3.6	1.1	46	-3.4	0.6	46	2.4	1.0	46
FL0061.POT.870518	9.49	30	-17.5	0.9	17	-10.2	0.2	21	-7.1	0.3	21	-5.6	0.8	21	-2.5	0.5	21	-2.0	0.4	21
FL0061.POT.870518	10.02	40	-19.3	2.0	44	-12.1	0.3	46	-10.5	0.5	46	-8.1	1.0	46	-6.3	0.6	46	-4.2	0.9	46
FL0061.POT.870518	10.13	50	-22.8	0.7	43	-14.2	0.4	44	-13.7	0.5	44	-10.3	1.1	44	-7.8	0.7	44	-8.7	0.5	44
FL0061.POT.870518	10.24	70	-27.2	1.6	41	-18.1	0.5	45	-21.6	0.5	45	-14.6	0.8	45	-12.9	0.7	45	-13.4	0.9	45
FL0061.POT.870518	10.39	20	-18.5	0.9	36	-6.0	0.6	40	-8.1	0.5	40	-4.5	1.1	40	-3.4	0.7	40	-2.6	0.9	40
FL0061.POT.870518	10.49	29	-17.4	1.0	39	-9.9	0.4	41	-11.3	0.5	41	-7.2	0.9	41	-2.9	0.7	41	-2.3	0.7	41
FL0061.POT.870518	10.58	39	-20.6	0.9	41	-10.0	0.5	43	-10.2	0.6	43	-8.5	0.9	43	-4.3	0.8	43	-5.3	0.9	43
FL0061.POT.870518	11.08	50	-24.5	1.0	40	-13.9	0.4	42	-10.6	0.4	42	-10.0	1.0	42	-8.3	0.7	42	-7.3	0.6	42
FL0061.POT.870518	11.17	72	-28.4	3.8	38	-13.9	1.0	41	-17.6	0.8	41	999.9	999	999	-12.6	0.8	41	-13.1	1.1	41
FL0062.POT.870518	9.36	20	-19.7	0.7	41	-6.4	0.6	46	-8.2	0.5	46	-3.6	1.1	46	-3.4	0.6	46	2.4	1.0	46
FL0062.POT.870518	9.49	30	-18.9	0.6	43	-10.4	0.5	45	-7.6	0.3	45	-8.3	4.6	45	-2.8	1.0	45	-2.8	0.9	45
FL0062.POT.870518	10.02	40	-19.3	2.0	44	-12.1	0.3	46	-10.5	0.5	46	-8.1	1.0	46	-6.3	0.6	46	-4.2	0.9	46
FL0062.POT.870518	10.13	50	-22.8	0.7	43	-14.2	0.4	44	-13.7	0.5	44	-10.3	1.1	44	-7.8	0.7	44	-8.7	0.5	44
FL0062.POT.870518	10.24	70	-27.2	1.6	41	-18.1	0.5	45	-21.6	0.5	45	-14.6	0.8	45	-12.9	0.7	45	-13.4	0.9	45
FL0062.POT.870518	10.39	20	-18.5	0.9	36	-6.0	0.6	40	-8.1	0.5	40	-4.5	1.1	40	-3.4	0.7	40	-2.6	0.9	40
FL0062.POT.870518	10.49	29	-17.4	1.0	39	-9.9	0.4	41	-11.3	0.5	41	-7.2	0.9	41	-2.9	0.7	41	-2.3	0.7	41
FL0062.POT.870518	10.58	39	-20.6	0.9	41	-10.0	0.5	43	-10.2	0.6	43	-8.5	0.9	43	-4.3	0.8	43	-5.3	0.9	43
FL0062.POT.870518	11.08	50	-24.5	1.0	40	-13.9	0.4	42	-10.6	0.4	42	-10.0	1.0	42	-8.3	0.7	42	-7.3	0.6	42
FL0062.POT.870518	11.17	72	-28.4	3.8	38	-13.9	1.0	41	-17.6	0.8	41	999.9	999	999	-12.6	0.8	41	-13.1	1.1	41
FL0072.WHE.870518	9.36	21	-15.8	0.8	28	-4.2	0.2	32	-7.3	0.3	32	-4.8	0.9	32	-3.9	0.8	32	1.8	0.7	32
FL0072.WHE.870518	9.49	29	-14.6	0.8	29	-9.3	0.5	33	-7.5	0.4	33	-10.0	5.2	33	-4.0	0.9	33	-4.6	0.9	33
FL0072.WHE.870518	10.02	40	-10.8	1.0	30	-11.3	0.4	32	-9.8	0.5	32	-9.5	1.1	32	-6.4	0.8	32	-4.7	1.2	32
FL0072.WHE.870518	10.13	49	-19.4	1.4	30	-13.4	0.3	33	-12.0	0.3	33	-9.6	1.0	33	-8.1	0.5	33	-8.6	0.6	33
FL0072.WHE.870518	10.24	68	-23.1	3.6	22	-17.0	0.9	24	-21.2	1.0	24	-11.4	0.8	24	-11.6	0.8	24	-11.9	0.8	24
FL0072.WHE.870518	10.39	19	-13.5	0.8	26	-4.5	0.4	29	-8.1	0.4	29	-7.2	1.4	29	-4.9	0.8	29	-4.8	0.8	29
FL0072.WHE.870518	10.49	30	-11.6	1.1	27	-9.3	0.3	30	-11.4	0.4	30	-9.1	0.9	30	-4.1	0.8	30	-4.2	0.9	30
FL0072.WHE.870518	10.58	39	-17.0	0.9	29	-9.6	0.4	31	-10.8	0.5	31	-10.5	0.9	31	-5.5	0.8	31	-6.8	1.2	31
FL0072.WHE.870518	11.08	50	-19.7	1.4	29	-13.8	0.4	31	-10.6	0.3	31	-10.9	1.0	31	-8.6	0.8	31	-8.0	0.9	31
FL0072.WHE.870518	11.17	69	-19.9	1.4	29	-12.0	0.7	31	-15.4	0.7	31	-12.0	0.6	31	-11.0	0.7	31	-10.8	0.8	31
FL0091.POT.870518	9.36	21	-20.5	0.5	14	-7.0	0.5	19	-8.5	0.5	19	-4.0	1.0	19	-3.8	0.4	19	2.1	0.6	19
FL0091.POT.870518	9.49	31	-20.4	0.6	17	-10.6	0.4	19	-7.5	0.4	19	-10.1	5.3	19	-3.2	0.6	19	-3.2	0.7	19
FL0091.POT.870518	10.02	40	-23.0	1.3	17	-12.7	0.3	20	-11.8	0.6	20	-9.4	0.7	20	-6.7	0.9	20	-5.0	1.0	20
FL0091.POT.870518	10.13	49	-24.3	0.4	17	-14.9	0.5	19	-11.7	0.7	19	-10.6	0.9	19	-8.7	0.6	19	-9.6	0.9	19
FL0091.POT.870518	10.24	70	-20.0	8.1	15	-17.4	2.5	19	-21.6	1.2	19	-15.7	0.7	19	-13.9	0.7	19	-14.6	1.0	19
FL0091.POT.870518	10.39	20	-19.3	0.5	14	-6.5	0.4	17	-8.3	0.3	17	-4.1	1.3	17	-3.5	0.4	17	-2.6	0.6	17
FL0091.POT.870518	10.49	29	-19.6	0.4	15	-10.5	0.3	17	-11.8	0.6	17	-8.0	1.0	17	-3.0	0.8	17	-2.6	0.9	17
FL0091.POT.870518	10.58	39	-22.9	0.7	18	-11.0	0.4	20	-10.7	0.5	20	-8.5	0.5	20	-4.3	0.6	20	-5.7	0.5	20
FL0091.POT.870518	11.08	50	-25.2	0.8	18	-14.4	0.6	20	-10.8	0.4	20	-10.5	0.6	20	-8.2	0.8	20	-7.2	0.5	20
FL0091.POT.870518	11.17	69	-21.1	6.4	17	-13.8	0.7	19	-17.2	0.4	19	-16.0	0.8	19	-12.4	0.8	19	-12.6	1.2	19
FL0100.POT.870518	9.36	19	-19.2	0.6	23	-6.7	0.8	27	-7.7	0.5	27	-3.6	1.3	27	-2.3	1.0	27	1.3	1.8	27
FL0100.POT.870518	9.49	30	-18.2	0.8	25	-10.2	0.4	27	-7.6	0.5	27	-7.1	3.4	27	-3.2	0.8	27	-3.3	0.7	27
FL0100.POT.870518	10.02	40	-19.0	0.8	25	-12.1	0.4	28	-10.1	0.7	28	-8.3	0.8	28	-5.8	0.6	28	-3.9	0.7	28
FL0100.POT.870518	10.13	50	-22.9	0.6	26	-13.7	0.4	27	-11.2	0.3	27	-10.4	1.0	27	-7.8	0.6	27	-8.6	1.0	27
FL0100.POT.870518	10.24	70	-30.1	1.3	24	-17.6	0.5	28	-21.8	0.5	28	-14.6	0.6	28	-12.7	0.7	28	-25.5	1.3	28
FL0100.POT.870518	10.39	20	-18.0	0.6	20	-6.0	0.8	23	-7.9	0.4	23	-4.4	1.5	23	-2.6	0.9	23	-1.9	1.1	23
FL0100.POT.870518	10.49	29	-16.3	0.6	23	-10.0	0.4	26	-11.1	0.3	26	-6.9	0.9	26	-1.9	0.7	26	-1.3	0.6	26
FL0100.POT.870518	10.58	41	-20.4	0.5	24	-9.6	0.5	26	-10.4	0.5	26	-9.1	1.0	26	-4.5	0.8	26	-6.3	0.7	26

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0100. POT. 870518	11.08	50	-24.0	1.2	24	-13.8	0.5	26	-10.6	0.5	26	-10.2	0.8	26	-8.3	0.8	26	-7.5	0.9	26
FL0100. POT. 870518	11.17	68	-25.5	0.9	24	-13.2	0.6	27	-17.3	0.5	27	-15.2	0.7	27	-12.8	0.6	27	-12.8	0.6	27
FL0113. WHE. 870518	9.36	20	999.9	999	999	-4.6	0.4	4	-7.6	0.5	4	-3.2	1.4	4	-3.4	0.2	4	2.5	0.4	4
FL0113. WHE. 870518	9.49	30	-16.5	0.4	2	-9.0	0.1	4	-7.2	0.3	4	-8.0	5.3	4	-3.4	0.6	4	-4.1	0.6	4
FL0113. WHE. 870518	10.02	39	-17.1	1.0	2	-11.3	0.3	5	-9.7	0.5	5	-8.7	1.3	5	-5.5	1.1	5	-5.1	0.3	5
FL0113. WHE. 870518	10.13	49	-21.3	0.8	3	-12.6	0.3	6	-11.2	0.5	6	-9.7	0.3	6	-6.9	0.5	6	-7.6	0.6	6
FL0113. WHE. 870518	10.24	69	-27.3	0.0	1	-16.9	0.6	5	-20.4	0.2	5	-10.9	0.6	5	-10.7	0.2	5	-21.1	0.9	5
FL0113. WHE. 870518	10.39	19	999.9	999	999	-5.2	0.2	3	-8.5	0.8	3	-7.3	1.2	3	-4.4	1.0	3	-4.1	0.1	3
FL0113. WHE. 870518	10.49	29	-15.8	0.1	2	-9.9	0.6	5	-11.7	0.2	5	-8.3	1.4	5	-2.1	0.7	5	-1.6	0.3	5
FL0113. WHE. 870518	10.58	40	-19.4	0.7	3	-9.6	0.2	5	-10.8	0.9	5	-9.3	1.2	5	-5.4	1.0	5	-6.1	1.0	5
FL0113. WHE. 870518	11.08	50	-21.3	0.6	4	-14.1	0.5	6	-10.6	0.2	6	-9.5	0.5	6	-8.0	0.4	6	-7.0	0.7	6
FL0113. WHE. 870518	11.17	71	999.9	999	999	-12.6	0.6	5	-15.0	0.5	5	-11.6	0.2	5	-10.2	0.4	5	-9.9	1.1	5
FL0114. WHE. 870518	9.36	20	999.9	999	999	-4.3	0.3	5	-6.7	0.4	5	-3.2	1.3	5	-4.0	0.3	5	1.7	0.1	5
FL0114. WHE. 870518	9.49	29	-15.7	0.3	4	-9.7	0.4	7	-7.4	0.2	7	-14.2	3.9	7	-2.5	0.6	7	-2.9	1.6	7
FL0114. WHE. 870518	10.02	40	-14.6	0.5	4	-11.3	0.2	7	-10.4	0.5	7	-8.8	0.9	7	-6.3	0.8	7	-5.0	0.8	7
FL0114. WHE. 870518	10.13	49	-21.2	0.2	5	-13.6	0.3	7	-11.0	0.3	7	-9.4	0.6	7	-7.5	0.4	7	-7.8	0.2	7
FL0114. WHE. 870518	10.24	70	-28.6	0.8	3	-15.9	0.6	6	-19.9	0.5	6	-11.1	0.3	6	-10.7	0.7	6	-22.0	1.1	6
FL0114. WHE. 870518	10.39	17	-15.7	0.6	2	-6.4	0.2	5	-7.7	0.4	5	-6.4	3.2	5	-3.2	0.9	5	-2.6	1.5	5
FL0114. WHE. 870518	10.49	28	-15.0	0.3	5	-9.9	0.3	7	-11.7	0.3	7	-9.2	1.0	7	-3.6	0.5	7	-3.7	0.4	7
FL0114. WHE. 870518	10.58	38	-19.9	0.3	5	-10.9	0.5	8	-11.7	0.5	8	-10.4	0.6	8	-4.4	0.7	8	-6.5	1.0	8
FL0114. WHE. 870518	11.08	51	-21.3	0.3	5	-14.6	0.5	7	-10.4	0.2	7	-11.0	0.8	7	-7.8	0.8	7	-7.1	0.4	7
FL0114. WHE. 870518	11.17	72	-32.3	0.8	2	-12.1	0.5	6	-14.8	0.5	6	-12.1	0.3	6	-9.9	0.3	6	-10.2	0.2	6
FL0115. WHE. 870518	9.36	21	999.9	999	999	-4.6	0.4	2	-27.0	0.8	2	-7.7	0.0	2	-3.9	0.4	2	1.7	0.4	2
FL0115. WHE. 870518	9.49	29	999.9	999	999	-9.6	0.4	3	-7.6	0.4	3	-16.8	0.5	3	-4.4	0.4	3	-4.7	0.4	3
FL0115. WHE. 870518	10.02	40	999.9	999	999	-11.5	0.3	3	-10.0	0.1	3	-9.2	0.5	3	-6.9	0.3	3	-4.9	0.2	3
FL0115. WHE. 870518	10.13	51	999.9	999	999	-12.8	0.3	3	-11.5	0.6	3	-10.1	0.5	3	-8.5	0.7	3	-10.4	0.5	3
FL0115. WHE. 870518	10.24	70	999.9	999	999	-16.2	1.1	2	-20.7	0.4	2	-10.8	0.3	2	-11.6	0.2	2	-21.2	0.4	2
FL0115. WHE. 870518	10.39	14	999.9	999	999	-6.0	0.0	1	-7.9	0.0	1	-3.9	0.0	1	-3.2	0.0	1	-2.9	0.0	1
FL0115. WHE. 870518	10.49	30	999.9	999	999	-10.6	0.3	3	-12.5	0.3	3	-11.9	0.7	3	-4.0	0.4	3	-3.5	0.2	3
FL0115. WHE. 870518	10.58	38	999.9	999	999	-11.6	0.5	3	-11.9	0.8	3	-12.7	1.9	3	-4.0	0.5	3	-7.4	1.0	3
FL0115. WHE. 870518	11.08	49	-22.5	0.0	1	-14.2	0.5	3	-11.2	0.3	3	-10.9	1.4	3	-9.5	0.4	3	-8.5	0.6	3
FL0115. WHE. 870518	11.17	74	999.9	999	999	-11.8	0.0	1	-13.7	0.0	1	-10.0	0.0	1	-8.4	0.0	1	-10.1	0.0	1
FL0121. SBT. 870518	9.36	20	-19.7	1.0	23	-5.1	0.4	28	-24.2	1.1	28	0.2	0.7	28	-2.4	0.4	28	3.1	1.4	28
FL0121. SBT. 870518	9.49	30	-18.2	0.7	24	-9.1	0.3	28	-9.4	8.0	28	-5.4	6.1	28	-2.0	0.9	28	-1.8	1.0	28
FL0121. SBT. 870518	10.02	41	-19.9	1.1	25	-12.3	0.4	28	-10.8	0.6	28	-8.0	0.9	28	-5.5	0.7	28	-3.8	1.0	28
FL0121. SBT. 870518	10.13	50	-24.5	1.9	26	-14.8	0.6	28	-11.6	0.4	28	-10.7	1.0	28	-7.9	0.7	28	-8.7	0.8	28
FL0121. SBT. 870518	10.24	69	-14.9	9.0	25	-19.6	0.7	29	-21.2	0.6	29	-13.7	0.6	29	-13.0	0.7	29	-26.1	1.4	29
FL0121. SBT. 870518	10.39	18	-18.0	0.6	23	-4.9	0.5	26	-7.1	0.5	26	-1.6	1.1	26	-2.2	0.8	26	-1.3	0.9	26
FL0121. SBT. 870518	10.49	29	-16.5	0.9	24	-9.0	0.4	27	-10.7	0.3	27	-5.2	0.5	27	-1.6	0.3	27	-0.3	0.5	27
FL0121. SBT. 870518	10.58	40	-19.2	0.5	26	-9.9	0.5	28	-9.3	0.6	28	-7.6	1.0	28	-3.8	0.6	28	-5.0	0.8	28
FL0121. SBT. 870518	11.08	50	-23.9	1.5	26	-13.4	0.3	28	-11.9	0.6	28	-8.9	0.8	28	-8.0	0.5	28	-7.1	0.8	28
FL0121. SBT. 870518	11.17	69	-20.4	7.2	26	-11.7	0.7	29	-15.6	0.5	29	-13.8	0.7	29	-11.5	0.6	29	-11.8	0.6	29
FL0122. SBT. 870518	9.36	20	-19.7	1.0	23	-5.1	0.4	28	-24.2	1.1	28	0.2	0.7	28	-2.4	0.4	28	3.1	1.4	28
FL0122. SBT. 870518	9.49	30	-18.2	0.7	24	-9.1	0.3	28	-9.4	8.0	28	-5.4	6.1	28	-2.0	0.9	28	-1.8	1.0	28
FL0122. SBT. 870518	10.02	41	-19.9	1.1	25	-12.3	0.4	28	-10.8	0.6	28	-8.0	0.9	28	-5.5	0.7	28	-3.8	1.0	28
FL0122. SBT. 870518	10.13	50	-24.5	1.9	26	-14.8	0.6	28	-11.6	0.4	28	-10.7	1.0	28	-7.9	0.7	28	-8.7	0.8	28
FL0122. SBT. 870518	10.24	69	-14.9	9.0	25	-19.6	0.7	29	-21.2	0.6	29	-13.7	0.6	29	-13.0	0.7	29	-26.1	1.4	29
FL0122. SBT. 870518	10.39	18	-18.0	0.6	23	-4.9	0.5	26	-7.1	0.5	26	-1.6	1.1	26	-2.2	0.8	26	-1.3	0.9	26
FL0122. SBT. 870518	10.49	29	-16.5	0.9	24	-9.0	0.4	27	-10.7	0.3	27	-5.2	0.5	27	-1.6	0.3	27	-0.3	0.5	27
FL0122. SBT. 870518	10.58	40	-19.2	0.5	26	-9.9	0.5	28	-9.3	0.6	28	-7.6	1.0	28	-3.8	0.6	28	-5.0	0.8	28
FL0122. SBT. 870518	11.08	50	-23.9	1.5	26	-13.4	0.3	28	-11.9	0.6	28	-8.9	0.8	28	-8.0	0.5	28	-7.1	0.8	28
FL0122. SBT. 870518	11.17	69	-20.4	7.2	26	-11.7	0.7	29	-15.6	0.5	29	-13.8	0.7	29	-11.5	0.6	29	-11.8	0.6	29
FL0130. SBT. 870518	9.36	19	-18.9	0.6	27	-5.1	0.3	31	-17.2	4.8	31	-0.3	0.9	31	-2.7	0.4	31	2.7	1.1	31
FL0130. SBT. 870518	9.49	30	-19.8	1.0	28	-9.7	0.4	32	-27.5	1.3	32	999.9	999	999	-1.7	0.6	32	-1.2	0.6	32

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0130. SBT. 870518	10. 02	39	-17. 5	0. 9	30	-11. 9	0. 4	32	-9. 8	0. 5	32	-6. 4	0. 8	32	-5. 2	0. 4	32	-3. 4	0. 6	32
FL0130. SBT. 870518	10. 13	50	-26. 7	2. 0	29	-13. 7	0. 5	31	-11. 9	1. 1	31	-9. 3	1. 3	31	-7. 4	0. 7	31	-8. 1	0. 7	31
FL0130. SBT. 870518	10. 24	70	-27. 6	4. 7	29	-17. 8	0. 6	32	-20. 6	0. 5	32	-13. 3	0. 7	32	-12. 2	0. 6	32	-25. 2	0. 9	32
FL0130. SBT. 870518	10. 39	19	-18. 5	0. 7	26	-4. 9	0. 4	29	-7. 1	0. 5	29	-1. 5	0. 7	29	-2. 4	0. 8	29	-1. 5	0. 7	29
FL0130. SBT. 870518	10. 49	30	-16. 8	0. 8	28	-9. 3	0. 4	30	-10. 3	0. 3	30	-4. 8	0. 7	30	-1. 2	0. 6	30	0. 3	0. 7	30
FL0130. SBT. 870518	10. 58	40	-20. 6	1. 0	28	-9. 3	0. 4	33	-9. 1	0. 8	33	-6. 9	1. 2	33	-3. 8	0. 8	33	-4. 7	1. 2	33
FL0130. SBT. 870518	11. 08	49	-23. 0	1. 4	29	-13. 7	0. 5	30	-12. 2	0. 6	30	-8. 9	1. 0	30	-7. 5	0. 8	30	-6. 6	1. 1	30
FL0130. SBT. 870518	11. 17	70	-28. 3	5. 6	29	-11. 6	0. 6	32	-15. 7	0. 5	32	-13. 5	0. 7	32	-11. 7	0. 5	32	-11. 9	1. 2	32
FL0140. POT. 870518	9. 36	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999
FL0140. POT. 870518	9. 49	29	-20. 5	0. 7	27	-11. 1	0. 5	29	-31. 7	0. 9	29	-33. 9	6. 4	29	-3. 5	0. 7	29	-3. 9	0. 7	29
FL0140. POT. 870518	10. 02	41	999. 9	999	999	-13. 3	0. 6	29	-10. 8	0. 5	29	-11. 0	1. 5	29	-5. 6	0. 9	29	-4. 1	0. 6	29
FL0140. POT. 870518	10. 13	50	-23. 4	0. 9	28	-14. 7	0. 6	30	-14. 7	0. 6	30	-12. 3	1. 2	30	-8. 2	0. 7	30	-9. 3	0. 8	30
FL0140. POT. 870518	10. 24	71	999. 9	999	999	-17. 3	3. 0	30	-22. 4	0. 5	30	-16. 4	1. 0	30	-15. 1	1. 5	30	-29. 7	2. 1	30
FL0140. POT. 870518	10. 39	23	-19. 1	0. 5	24	-8. 8	0. 7	27	-9. 1	0. 5	27	-7. 0	1. 2	27	-3. 5	0. 9	27	-3. 0	0. 9	27
FL0140. POT. 870518	10. 49	29	-18. 5	0. 7	27	-11. 4	0. 4	29	-11. 9	0. 4	29	-8. 5	1. 2	29	-2. 8	0. 6	29	-2. 5	0. 7	29
FL0140. POT. 870518	10. 58	40	-21. 6	0. 5	27	-11. 5	0. 6	29	-11. 4	0. 5	29	-9. 9	1. 0	29	-4. 4	0. 7	29	-5. 8	0. 7	29
FL0140. POT. 870518	11. 08	53	-25. 1	0. 6	26	-14. 0	0. 3	28	-13. 5	0. 6	28	-11. 7	1. 2	28	-8. 7	0. 7	28	-8. 3	0. 7	28
FL0140. POT. 870518	11. 17	70	-21. 6	9. 3	26	-14. 0	0. 6	29	-17. 5	0. 3	29	-17. 1	0. 8	29	-13. 1	0. 8	29	-13. 1	1. 1	29
FL0151. WHE. 870518	9. 36	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999
FL0151. WHE. 870518	9. 49	29	-16. 2	0. 7	5	-9. 2	0. 3	8	-27. 9	0. 8	8	999. 9	999	999	-3. 6	0. 6	8	-3. 3	0. 4	8
FL0151. WHE. 870518	10. 02	39	-16. 3	0. 7	6	-11. 1	0. 4	9	-9. 4	0. 3	9	-7. 2	0. 7	9	-5. 5	0. 6	9	-3. 8	0. 3	9
FL0151. WHE. 870518	10. 13	48	-20. 7	1. 2	6	-13. 0	0. 6	10	-12. 3	0. 5	10	-9. 1	0. 8	10	-7. 2	0. 7	10	-7. 6	0. 6	10
FL0151. WHE. 870518	10. 24	71	-29. 3	0. 7	3	-16. 2	0. 6	6	-19. 8	0. 5	6	-10. 8	0. 5	6	-11. 4	0. 3	6	-22. 8	0. 4	6
FL0151. WHE. 870518	10. 39	23	-15. 8	0. 5	4	-5. 4	0. 6	10	-8. 6	0. 5	10	-7. 3	1. 7	10	-4. 2	0. 7	10	-4. 1	0. 8	10
FL0151. WHE. 870518	10. 49	29	-14. 2	0. 8	5	-9. 6	0. 2	7	-11. 2	0. 5	7	-7. 8	0. 6	7	-3. 0	0. 5	7	-2. 9	1. 1	7
FL0151. WHE. 870518	10. 58	38	-20. 2	0. 2	5	-9. 8	0. 2	7	-10. 6	0. 2	7	-9. 3	1. 3	7	-5. 6	1. 3	7	-6. 6	0. 4	7
FL0151. WHE. 870518	11. 08	59	-21. 8	1. 3	6	-13. 7	0. 2	7	-12. 7	0. 5	7	-9. 3	0. 6	7	-7. 9	0. 3	7	-6. 7	0. 2	7
FL0151. WHE. 870518	11. 17	72	-41. 2	0. 1	3	-11. 7	0. 7	7	-14. 4	0. 5	7	-11. 3	0. 4	7	-9. 8	0. 4	7	-10. 3	0. 9	7
FL0152. WHE. 870518	9. 36	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999
FL0152. WHE. 870518	9. 49	30	-15. 6	0. 3	6	-9. 3	0. 3	9	-29. 3	0. 3	9	-38. 4	0. 3	9	-3. 8	0. 4	9	-4. 1	0. 4	9
FL0152. WHE. 870518	10. 02	40	-15. 5	1. 0	7	-11. 3	0. 2	9	-9. 9	0. 3	9	-8. 4	1. 1	9	-5. 5	0. 7	9	-3. 0	1. 6	9
FL0152. WHE. 870518	10. 13	50	-21. 2	0. 9	8	-12. 9	0. 5	10	-12. 5	0. 6	10	-10. 1	1. 4	10	-7. 8	0. 6	10	-9. 1	0. 8	10
FL0152. WHE. 870518	10. 24	68	-28. 5	0. 5	7	-17. 2	0. 9	10	-21. 5	0. 6	10	-11. 7	0. 4	10	-12. 0	0. 2	10	-21. 9	0. 7	10
FL0152. WHE. 870518	10. 39	20	-16. 2	0. 8	4	-6. 2	0. 7	8	-8. 7	0. 5	8	-6. 9	2. 2	8	-3. 7	0. 9	8	-3. 8	0. 7	8
FL0152. WHE. 870518	10. 49	29	-15. 1	0. 5	7	-10. 0	0. 4	9	-12. 3	0. 6	9	-10. 1	1. 4	9	-4. 6	0. 6	9	-4. 5	0. 9	9
FL0152. WHE. 870518	10. 58	40	-20. 3	0. 6	7	-10. 7	0. 8	9	-11. 5	0. 6	9	-10. 8	0. 5	9	-4. 5	0. 8	9	-6. 1	0. 7	9
FL0152. WHE. 870518	11. 08	51	-21. 9	0. 4	7	-13. 7	0. 3	9	-13. 1	0. 6	9	-9. 9	1. 0	9	-8. 1	0. 5	9	-7. 1	0. 6	9
FL0152. WHE. 870518	11. 17	73	-31. 8	1. 6	6	-12. 3	0. 7	9	-14. 6	0. 6	9	-11. 2	0. 5	9	-10. 2	0. 6	9	-10. 0	1. 6	9
FL0171. COR. 870518	9. 36	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999
FL0171. COR. 870518	9. 49	31	999. 9	999	999	-12. 4	0. 0	1	-33. 8	0. 0	1	-42. 9	0. 0	1	-3. 4	0. 0	1	-3. 0	0. 0	1
FL0171. COR. 870518	10. 02	38	999. 9	999	999	-15. 6	0. 5	3	-12. 9	0. 4	3	-10. 8	0. 9	3	-6. 5	1. 3	3	-3. 8	2. 3	3
FL0171. COR. 870518	10. 13	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999
FL0171. COR. 870518	10. 24	67	999. 9	999	999	-23. 2	1. 6	2	-24. 5	0. 8	2	-17. 4	0. 0	2	-13. 9	0. 0	2	-25. 9	0. 6	2
FL0171. COR. 870518	10. 39	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999
FL0171. COR. 870518	10. 49	29	999. 9	999	999	-10. 7	0. 5	2	-12. 1	0. 2	2	-8. 7	0. 6	2	-3. 1	0. 4	2	-2. 4	0. 5	2
FL0171. COR. 870518	10. 58	39	999. 9	999	999	-10. 9	0. 9	3	-10. 9	0. 5	3	-10. 5	0. 6	3	-3. 9	0. 2	3	-5. 6	0. 3	3
FL0171. COR. 870518	11. 08	48	999. 9	999	999	-15. 2	0. 7	2	-13. 7	1. 2	2	-11. 3	0. 1	2	-6. 8	0. 2	2	-7. 3	0. 1	2
FL0171. COR. 870518	11. 17	70	999. 9	999	999	-12. 8	1. 1	2	-16. 3	0. 3	2	-15. 5	0. 6	2	-12. 5	0. 6	2	-12. 1	0. 1	2
FL0180. POT. 870518	9. 36	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999
FL0180. POT. 870518	9. 49	29	-19. 6	0. 6	20	-10. 7	0. 4	24	-9. 9	0. 5	24	-9. 1	5. 7	24	-3. 4	0. 7	24	-3. 3	1. 0	24
FL0180. POT. 870518	10. 02	40	-21. 6	1. 2	22	-12. 7	0. 3	24	-11. 6	0. 7	24	-9. 6	1. 2	24	-6. 7	1. 0	24	-5. 0	0. 9	24
FL0180. POT. 870518	10. 13	51	-23. 9	1. 0	22	-14. 5	0. 4	24	-14. 4	0. 6	24	-11. 0	0. 9	24	-8. 7	0. 7	24	-9. 3	0. 7	24
FL0180. POT. 870518	10. 24	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999
FL0180. POT. 870518	10. 39	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999	999. 9	999	999

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0180.POT.870518	10.49	30	-18.1	0.6	20	-10.7	0.5	23	-11.7	0.4	23	-8.4	1.3	23	-2.3	0.8	23	-2.0	1.2	23
FL0180.POT.870518	10.58	39	-21.5	0.6	21	-10.6	0.6	23	-11.0	0.7	23	-9.2	1.1	23	-4.4	0.7	23	-5.9	1.0	23
FL0180.POT.870518	11.08	47	-23.1	0.4	22	-14.2	0.5	24	-13.2	0.6	24	-10.5	1.0	24	-7.9	0.8	24	-7.3	0.9	24
FL0180.POT.870518	11.17	72	-33.7	3.2	18	-13.9	0.7	21	-17.3	0.6	21	999.9	999.9	999	-12.8	0.8	21	-13.2	1.3	21
FL0191.SBT.870518	9.36	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0191.SBT.870518	9.49	29	-18.8	0.5	20	-9.7	0.3	24	-8.7	0.6	24	-6.1	1.2	24	-2.2	0.7	24	-1.9	0.7	24
FL0191.SBT.870518	10.02	40	-19.7	0.9	21	-12.3	0.4	23	-11.0	0.6	23	-8.8	1.0	23	-6.0	0.8	23	-4.4	1.0	23
FL0191.SBT.870518	10.13	55	-23.6	1.8	21	-13.8	0.5	23	-14.4	0.6	23	-12.7	1.3	23	-8.0	0.8	23	-9.3	0.7	23
FL0191.SBT.870518	10.24	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0191.SBT.870518	10.39	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0191.SBT.870518	10.49	29	-15.2	0.4	21	-9.5	0.4	23	-10.5	0.4	23	-5.8	0.7	23	-1.4	0.6	23	-0.2	0.7	23
FL0191.SBT.870518	10.58	39	-19.6	1.3	21	-9.7	0.5	23	-9.8	0.5	23	-7.7	1.2	23	-4.1	0.8	23	-5.0	0.9	23
FL0191.SBT.870518	11.08	51	-22.5	0.4	20	-13.4	0.4	22	-12.2	0.3	22	-9.1	0.8	22	-7.9	0.5	22	-6.8	0.5	22
FL0191.SBT.870518	11.17	70	-27.4	6.6	21	-12.4	0.6	24	-16.3	0.6	24	-14.3	1.0	24	-12.2	0.4	24	-12.4	0.8	24
FL0192.SBT.870518	9.36	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0192.SBT.870518	9.49	29	-18.8	0.5	20	-9.7	0.3	24	-8.7	0.6	24	-6.1	1.2	24	-2.2	0.7	24	-1.9	0.7	24
FL0192.SBT.870518	10.02	40	-19.7	0.9	21	-12.3	0.4	23	-11.0	0.6	23	-8.8	1.0	23	-6.0	0.8	23	-4.4	1.0	23
FL0192.SBT.870518	10.13	55	-23.6	1.8	21	-13.8	0.5	23	-14.4	0.6	23	-12.7	1.3	23	-8.0	0.8	23	-9.3	0.7	23
FL0192.SBT.870518	10.24	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0192.SBT.870518	10.39	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0192.SBT.870518	10.49	29	-15.2	0.4	21	-9.5	0.4	23	-10.5	0.4	23	-5.8	0.7	23	-1.4	0.6	23	-0.2	0.7	23
FL0192.SBT.870518	10.58	39	-19.6	1.3	21	-9.7	0.5	23	-9.8	0.5	23	-7.7	1.2	23	-4.1	0.8	23	-5.0	0.9	23
FL0192.SBT.870518	11.08	51	-22.5	0.4	20	-13.4	0.4	22	-12.2	0.3	22	-9.1	0.8	22	-7.9	0.5	22	-6.8	0.5	22
FL0192.SBT.870518	11.17	70	-27.4	6.6	21	-12.4	0.6	24	-16.3	0.6	24	-14.3	1.0	24	-12.2	0.4	24	-12.4	0.8	24
FL0201.WHE.870518	9.36	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0201.WHE.870518	9.49	31	-16.0	0.0	2	-9.0	0.2	4	-8.1	0.3	4	-4.3	0.6	4	-1.9	0.2	4	-1.0	0.4	4
FL0201.WHE.870518	10.02	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0201.WHE.870518	10.13	50	-22.6	2.5	3	-13.3	0.4	6	-12.2	0.3	6	-7.6	0.7	6	-6.9	0.6	6	-7.6	0.2	6
FL0201.WHE.870518	10.24	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0201.WHE.870518	10.39	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0201.WHE.870518	10.49	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0201.WHE.870518	10.58	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0201.WHE.870518	11.08	50	-20.1	0.8	3	-13.2	0.3	5	-11.9	0.5	5	-8.5	0.8	5	-7.3	0.7	5	-6.3	0.3	5
FL0201.WHE.870518	11.17	67	999.9	999.9	999	-11.8	0.4	3	-15.9	0.1	3	-11.3	0.5	3	-12.2	0.6	3	-10.9	0.3	3
FL0202.WHE.870518	9.36	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0202.WHE.870518	9.49	29	999.9	999.9	999	-9.6	0.2	3	-8.9	0.5	3	-18.0	0.5	3	-4.0	0.6	3	-2.6	0.8	3
FL0202.WHE.870518	10.02	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0202.WHE.870518	10.13	50	-21.5	0.2	2	-13.3	0.2	4	-12.1	0.1	4	-8.9	1.6	4	-7.5	0.4	4	-7.8	1.2	4
FL0202.WHE.870518	10.24	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0202.WHE.870518	10.39	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0202.WHE.870518	10.49	28	-14.5	0.4	2	-8.8	0.1	4	-10.7	0.6	4	-6.4	0.8	4	-2.5	0.6	4	-1.7	0.5	4
FL0202.WHE.870518	10.58	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0202.WHE.870518	11.08	50	-21.0	0.3	2	-13.8	0.3	4	-12.6	0.6	4	-9.2	1.3	4	-7.7	0.2	4	-6.5	0.8	4
FL0202.WHE.870518	11.17	66	-21.5	0.3	2	-12.3	0.7	5	-15.9	0.4	5	-11.8	0.6	5	-11.4	0.3	5	-10.7	0.8	5
FL0210.BEA.870518	9.36	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0210.BEA.870518	9.49	30	-23.1	1.3	8	-12.8	0.4	11	-10.7	0.4	11	-14.4	6.0	11	-3.8	0.7	11	-3.1	0.8	11
FL0210.BEA.870518	10.02	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0210.BEA.870518	10.13	52	-27.0	1.2	10	-19.4	1.0	13	-17.6	0.8	13	-14.3	1.1	13	-10.2	0.8	13	-10.4	1.0	13
FL0210.BEA.870518	10.24	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0210.BEA.870518	10.39	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0210.BEA.870518	10.49	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0210.BEA.870518	10.58	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0210.BEA.870518	11.08	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999	999.9	999.9	999
FL0210.BEA.870518	11.17	69	-31.7	3.4	9	-13.5	0.6	11	-15.8	0.6	11	-15.8	0.8	11	-12.1	0.5	11	-12.6	1.4	11

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0010.BAR.870601	9.58	19	-13.3	1.2	154	-6.6	0.6	159	-14.0	0.4	159	-8.7	0.9	159	-7.1	0.8	159	-6.2	1.1	159
FL0010.BAR.870601	9.48	30	-13.1	1.4	159	-10.3	0.4	162	-13.9	0.4	162	-11.1	0.8	162	-10.2	0.8	162	-7.6	0.9	162
FL0010.BAR.870601	9.16	40	-19.1	0.8	155	-13.3	0.4	159	-16.8	0.4	158	-12.0	1.0	158	-11.6	0.7	158	-11.3	0.9	158
FL0010.BAR.870601	9.06	49	-20.4	1.0	157	-13.9	0.5	160	-17.9	0.5	160	-13.7	1.1	160	-9.2	0.8	160	-9.8	0.9	160
FL0010.BAR.870601	8.37	69	-38.7	4.5	154	999.9	999	999	999.9	999	999	-19.0	1.5	159	-14.2	2.4	159	-16.6	2.2	159
FL0010.BAR.870601	10.08	19	-13.1	1.1	99	-7.1	0.6	105	-13.4	0.4	105	-10.3	1.1	105	-7.7	0.8	105	-6.8	1.1	105
FL0010.BAR.870601	9.39	29	-10.8	1.3	154	-9.6	0.4	159	-14.5	0.5	159	-10.8	1.0	159	-11.7	0.8	159	-9.5	1.0	159
FL0010.BAR.870601	9.25	40	-17.2	0.9	155	-12.5	0.4	157	-16.5	0.4	157	-12.9	1.1	157	-10.1	0.8	157	-13.5	0.9	157
FL0010.BAR.870601	8.56	49	-17.9	0.9	153	-13.9	0.5	155	-18.1	0.5	155	-12.8	1.0	155	-8.3	0.8	155	-13.4	0.7	155
FL0010.BAR.870601	8.46	69	-23.4	4.4	151	-17.3	0.9	156	-24.0	1.0	156	-15.0	0.6	156	-14.6	1.2	156	-16.5	1.7	156
FL0022.BEA.870601	9.58	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0022.BEA.870601	9.48	29	999.9	999	999	-10.2	0.3	110	999.9	999	999	-9.4	0.6	110	999.9	999	999	-7.1	0.7	110
FL0022.BEA.870601	9.16	39	-17.2	1.0	102	-13.4	0.3	104	-16.9	0.4	104	-11.1	0.9	104	-11.6	0.8	104	-11.4	0.9	104
FL0022.BEA.870601	9.06	49	-18.4	1.1	105	-13.8	0.5	108	-17.9	0.6	108	-14.4	1.1	108	-9.6	0.6	108	-10.2	0.9	108
FL0022.BEA.870601	8.37	69	-35.4	5.3	103	-28.9	1.0	106	-18.5	0.6	106	-13.4	0.9	106	-17.3	1.3	106	-17.3	1.4	106
FL0022.BEA.870601	10.08	22	-8.9	1.2	102	-6.8	0.8	105	-12.9	0.4	105	-8.1	1.0	105	-6.9	0.7	105	-5.6	1.0	105
FL0022.BEA.870601	9.39	29	-8.9	1.0	102	-9.9	0.5	105	-14.4	0.4	105	-9.6	0.9	105	-10.5	0.8	105	-8.5	1.1	105
FL0022.BEA.870601	9.25	40	-14.5	1.0	105	-12.4	0.3	107	-16.4	0.4	107	-11.8	1.1	107	-9.8	0.8	107	-13.1	0.8	107
FL0022.BEA.870601	8.56	49	-15.3	1.2	107	-13.7	0.5	110	-18.0	0.6	110	-13.4	1.3	110	-8.5	0.9	110	-13.5	1.0	110
FL0022.BEA.870601	8.46	69	-22.4	4.3	105	-16.8	1.4	109	-23.9	1.2	109	-16.4	0.8	109	-15.6	0.8	109	-17.8	1.4	109
FL0030.WHE.870601	9.58	19	-13.8	0.9	37	-7.2	0.6	42	-15.2	0.4	42	-11.8	1.2	42	-8.3	0.7	42	-7.8	1.0	42
FL0030.WHE.870601	9.48	29	-17.4	0.7	44	-11.3	0.4	47	-15.3	0.6	47	-14.7	1.2	47	-11.1	1.0	47	-9.4	1.2	47
FL0030.WHE.870601	9.16	41	-21.0	0.6	43	-14.0	0.5	46	-17.8	0.6	46	-14.5	1.1	46	-12.3	1.0	46	-12.4	1.0	46
FL0030.WHE.870601	9.06	48	-21.7	0.9	48	-15.0	0.5	50	-19.0	0.7	50	-15.0	1.0	50	-9.6	0.7	50	-9.9	0.9	50
FL0030.WHE.870601	8.37	70	-42.0	3.5	44	-29.0	0.7	48	-17.5	0.6	48	-13.0	0.7	48	-15.7	1.2	48	-16.0	1.4	48
FL0030.WHE.870601	10.08	19	-14.0	0.9	41	-7.5	0.6	46	-14.3	0.4	46	-12.2	1.0	46	-8.6	0.7	46	-8.0	1.0	46
FL0030.WHE.870601	9.39	30	-17.1	0.9	41	-10.9	0.7	44	-15.7	0.6	44	-13.9	1.0	44	-11.8	1.0	44	-10.6	1.1	44
FL0030.WHE.870601	9.25	40	-20.0	0.6	45	-13.7	0.5	47	-17.2	0.4	47	-14.9	1.0	47	-10.4	0.8	47	-13.6	0.9	47
FL0030.WHE.870601	8.56	50	-20.7	1.7	50	-14.6	0.5	53	-18.5	0.5	53	999.9	999	999	-8.8	0.9	53	-13.8	1.1	53
FL0030.WHE.870601	8.46	69	-27.8	4.6	44	-17.4	0.8	48	-24.1	0.8	48	-14.5	0.7	48	-14.2	0.8	48	-15.8	0.8	48
FL0040.WHE.870601	9.58	20	999.9	999	999	-7.5	0.5	21	-15.4	0.7	21	999.9	999	999	-9.6	1.0	21	-10.7	1.0	21
FL0040.WHE.870601	9.48	31	-18.0	0.9	20	-11.0	0.4	24	-15.3	0.5	24	-15.7	0.8	24	-11.9	1.0	24	-11.1	1.0	24
FL0040.WHE.870601	9.16	40	-22.0	0.6	2	-14.0	0.5	25	-17.6	0.5	25	-15.9	1.2	25	-12.7	0.9	25	-13.2	1.0	25
FL0040.WHE.870601	9.06	50	-21.9	0.6	23	-14.4	0.5	25	-18.6	0.5	25	-14.5	1.1	25	-10.2	0.9	25	-10.4	0.8	25
FL0040.WHE.870601	8.37	70	-39.8	3.4	20	-28.8	0.7	24	-17.3	0.5	24	-12.7	0.9	24	-14.7	1.3	24	-14.7	1.9	24
FL0040.WHE.870601	10.08	20	-16.4	0.7	17	-7.8	0.5	21	-15.1	0.7	21	-14.6	1.7	21	-10.3	1.2	21	-10.4	1.2	21
FL0040.WHE.870601	9.39	29	-16.4	0.5	21	-10.7	0.5	24	-15.7	0.6	24	-15.7	1.3	24	-12.5	0.8	24	-11.5	1.3	24
FL0040.WHE.870601	9.25	40	-20.1	0.4	22	-13.7	0.7	25	-17.3	0.6	25	-15.3	1.3	25	-10.7	1.0	25	-13.7	1.1	25
FL0040.WHE.870601	8.56	50	-20.3	0.7	24	-14.7	0.6	25	-18.7	0.5	25	-15.0	1.3	25	-9.0	0.8	25	-14.0	1.2	25
FL0040.WHE.870601	8.46	69	-25.2	3.0	19	-17.1	0.9	23	-23.9	1.1	23	-13.9	0.6	23	-14.7	0.7	23	-15.9	1.0	23
FL0051.SBT.870601	9.58	21	-17.2	0.8	13	-7.4	0.6	17	-14.2	0.6	17	-9.7	1.1	17	-6.4	0.7	17	-5.8	1.2	17
FL0051.SBT.870601	9.48	28	-16.1	0.6	18	-11.5	0.4	22	-14.2	0.3	22	-11.5	0.8	22	-10.0	0.7	22	-7.7	0.9	22
FL0051.SBT.870601	9.16	37	-21.4	0.6	21	-14.3	0.4	24	-17.4	0.5	24	-13.5	1.4	24	-12.2	0.8	24	-12.4	0.7	24
FL0051.SBT.870601	9.06	49	-23.2	0.9	21	-14.5	0.4	24	-18.9	0.4	24	-15.1	1.4	24	-10.0	0.7	24	-10.0	0.9	24
FL0051.SBT.870601	8.37	71	-38.4	2.8	19	-29.9	0.8	23	-19.8	0.6	23	-13.4	0.7	23	-18.8	1.4	23	-21.9	2.5	23
FL0051.SBT.870601	10.08	19	-15.9	1.1	17	-7.3	0.4	21	-14.0	0.4	21	-10.5	0.9	21	-7.9	1.1	21	-6.9	1.2	21
FL0051.SBT.870601	9.39	31	-16.7	1.5	18	-10.4	0.3	21	-14.6	0.3	21	-11.9	1.4	21	-11.5	0.6	21	-9.3	0.9	21
FL0051.SBT.870601	9.25	41	-21.0	0.9	20	-13.3	0.4	23	-17.1	0.5	23	-14.2	1.4	23	-10.7	0.6	23	-13.8	1.4	23
FL0051.SBT.870601	8.56	50	-22.5	1.5	23	-14.5	0.3	25	-18.8	0.4	25	-14.3	1.6	25	-8.8	0.6	25	-14.1	0.9	25
FL0051.SBT.870601	8.46	70	-31.1	8.3	18	-17.4	0.8	22	-23.9	0.7	22	-17.0	0.5	22	-15.8	1.1	22	-18.2	1.4	22
FL0052.SBT.870601	9.58	21	-17.2	0.8	13	-7.4	0.6	17	-14.2	0.6	17	-9.7	1.1	17	-6.4	0.7	17	-5.8	1.2	17
FL0052.SBT.870601	9.48	28	-16.1	0.6	18	-11.5	0.4	22	-14.2	0.3	22	-11.5	0.8	22	-10.0	0.7	22	-7.7	0.9	22
FL0052.SBT.870601	9.16	37	-21.4	0.6	21	-14.3	0.4	24	-17.4	0.5	24	-13.5	1.4	24	-12.2	0.8	24	-12.4	0.7	24
FL0052.SBT.870601	9.06	49	-23.2	0.9	21	-14.5	0.4	24	-18.9	0.4	24	-15.1	1.4	24	-10.0	0.7	24	-10.0	0.9	24

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0052.SBT.870601	8 37	71	-38 4	s 2 8	19	-29.9	s 0 8	24	-19.8	s 0.6	23	-13 4	s 0 7	23	-18.8	s 1.4	23	-21.9	s 2.5	23
FL0052.SBT.870601	10 08	19	-15 9	s 1 1	17	-7.3	s 0 4	21	-14.0	s 0.4	21	-10 5	s 0 9	21	-7.9	s 1.1	21	-6.9	s 1.2	21
FL0052.SBT.870601	9 39	31	-16 7	s 1 5	18	-10.4	s 0.3	21	-14.6	s 0.3	21	-11 9	s 1 4	21	-11.5	s 0.6	21	-9.3	s 0.9	21
FL0052.SBT.870601	9 25	41	-21 0	s 0 9	20	-13.3	s 0 4	23	-17.1	s 0.5	23	-14 2	s 1 4	23	-10.7	s 0.6	23	-13.8	s 1.4	23
FL0052.SBT.870601	8 56	50	-22 5	s 1 5	23	-14.5	s 0 3	25	-18.8	s 0 4	25	-14 3	s 1 6	25	-8 8	s 0.6	25	-14.1	s 0.9	25
FL0052.SBT.870601	8 46	70	-31 1	s 8 3	18	-17.4	s 0.8	22	-23.9	s 0.7	22	-17 0	s 0.5	22	-15 8	s 1.1	22	-18.2	s 1.4	22
FL0061.POT.870601	9 58	19	-19 9	s 1 5	40	-9 0	s 0 9	45	-14 8	s 0 6	45	-11 3	s 1 1	45	-7 4	s 1 0	45	-7 4	s 1 2	45
FL0061.POT.870601	9 48	30	999 9	s 999	999	-12.0	s 0 6	50	999 9	s 999	999	-13 5	s 1 0	50	999.9	s 999	999	-9.1	s 0.9	50
FL0061.POT.870601	9 16	39	-23 2	s 1 0	50	-14.5	s 0 6	53	-17.3	s 0 7	53	-14 9	s 1 3	53	-12.3	s 0.7	53	-12.6	s 1.3	53
FL0061.POT.870601	9 06	49	-24 6	s 1 3	51	-14 7	s 0 6	54	-18 7	s 0 5	54	-15 6	s 1 3	54	-9 9	s 0 8	54	-10.3	s 1.0	54
FL0061.POT.870601	8 37	70	-40 2	s 3 3	49	-30.2	s 0 8	53	-20 8	s 0 7	53	-14 0	s 0 9	53	-18 7	s 1 9	53	-23.8	s 1.7	53
FL0061.POT.870601	10 08	19	-20 3	s 1 5	45	-9 2	s 0 7	49	-14 7	s 0 7	49	999 9	s 999	999	-8 4	s 1 1	49	-8.5	s 1.3	49
FL0061.POT.870601	9 39	28	-18 4	s 1 4	48	-11 5	s 0 7	51	-15 4	s 0 7	51	-13 1	s 1 1	51	-12.0	s 0.9	51	-10.6	s 1.3	51
FL0061.POT.870601	9 25	39	-23 0	s 1 2	51	-13.8	s 0 5	53	-17 2	s 0 4	53	-14 5	s 1 0	53	-10 8	s 1 0	53	-14.1	s 1.0	53
FL0061.POT.870601	8 56	49	-24 0	s 1 4	53	-14 7	s 0 6	56	-18 8	s 0 6	56	-15 6	s 1 4	56	-9 8	s 0 7	56	-14 4	s 0 9	56
FL0061.POT.870601	8 46	69	-32 0	s 6 1	49	-18 4	s 0 6	52	-24 8	s 0 6	52	-18 1	s 0 8	52	-15 8	s 0 8	52	-18.1	s 1.3	52
FL0062.POT.870601	9 58	19	-19 9	s 1 5	40	-9 0	s 0 9	45	-14 8	s 0 6	45	-11 3	s 1 1	45	-7 4	s 1 0	45	-7 4	s 1 2	45
FL0062.POT.870601	9 48	30	999 9	s 999	999	-12.0	s 0 6	50	999 9	s 999	999	-13 5	s 1 0	50	999.9	s 999	999	-9.1	s 0.9	50
FL0062.POT.870601	9 16	39	-23 2	s 1 0	50	-14 5	s 0 6	53	-17 3	s 0 7	53	-14 9	s 1 3	53	-12.3	s 0 7	53	-12.6	s 1.3	53
FL0062.POT.870601	9 06	49	-24 6	s 1 3	51	-14 7	s 0 6	54	-18 7	s 0 5	54	-15 6	s 1 3	54	-9 9	s 0 8	54	-10.3	s 1.0	54
FL0062.POT.870601	8 37	70	-40 2	s 3 3	49	-30.2	s 0 8	53	-20 8	s 0 7	53	-14 0	s 0 9	53	-18 7	s 1 9	53	-23.8	s 1.7	53
FL0062.POT.870601	10 08	19	-20 3	s 1 5	45	-9 2	s 0 7	49	-14 7	s 0 7	49	999 9	s 999	999	-8 4	s 1 1	49	-8.5	s 1.3	49
FL0062.POT.870601	9 39	28	-18 4	s 1 4	48	-11 5	s 0 7	51	-15 4	s 0 7	51	-13 1	s 1 1	51	-12.0	s 0 9	51	-10.6	s 1.3	51
FL0062.POT.870601	9 25	39	-23 0	s 1 2	51	-13 8	s 0 5	53	-17 2	s 0 4	53	-14 5	s 1 0	53	-10 8	s 1 0	53	-14 1	s 1 0	53
FL0062.POT.870601	8 56	49	-24 0	s 1 4	53	-14 7	s 0 6	56	-18 8	s 0 6	56	-15 6	s 1 4	56	-9 8	s 0 7	56	-14 4	s 0 9	56
FL0062.POT.870601	8 46	69	-32 0	s 6 1	49	-18 4	s 0 6	52	-24 8	s 0 6	52	-18 1	s 0 8	52	-15 8	s 0 8	52	-18 1	s 1 3	52
FL0072.WHE.870601	9 58	19	-7 4	s 1 2	30	-6.7	s 0.6	34	-16 1	s 0 9	34	999 9	s 999	999	-11 2	s 1 1	34	-11 8	s 1 1	34
FL0072.WHE.870601	9 48	29	-12 9	s 0 9	34	-11 5	s 0 4	38	-16 4	s 0 6	38	999 9	s 999	999	-12 4	s 1 1	38	-12.2	s 1.3	38
FL0072.WHE.870601	9 16	38	-17 8	s 1 0	37	-15 1	s 0 6	40	-18 9	s 0 6	40	999 9	s 999	999	-13 9	s 0 9	40	-14 7	s 1 0	40
FL0072.WHE.870601	9 06	50	-19 3	s 1 1	37	-16 3	s 0 6	41	-19 8	s 0 6	41	-17 4	s 1 4	41	-10 7	s 0 9	41	-10 1	s 1 2	41
FL0072.WHE.870601	8 37	70	-38 9	s 3 4	36	-29 4	s 0 8	40	-18 2	s 0 6	40	-13 7	s 0 9	40	-15 8	s 1 1	40	-19 3	s 1 5	40
FL0072.WHE.870601	10 08	19	-9 9	s 1 2	32	-7.9	s 0 7	37	-16 1	s 0 5	37	-17 4	s 1 3	37	-11 4	s 1 0	37	-11 4	s 1 6	37
FL0072.WHE.870601	9 39	26	-11 7	s 1 2	33	-11 0	s 0 5	36	-16 9	s 0 6	36	999 9	s 999	999	-13 8	s 0 8	36	-13 4	s 1 0	36
FL0072.WHE.870601	9 25	40	-15 0	s 1 0	38	-14 9	s 0 7	40	-19 0	s 0 7	40	-18 9	s 1 4	40	-12 0	s 1 2	40	-15 7	s 1 1	40
FL0072.WHE.870601	8 56	48	-16 2	s 0 8	39	-16 4	s 0 6	42	-19 7	s 0 5	42	-17 0	s 1 4	42	-10 3	s 0 9	42	-14 6	s 1 0	42
FL0072.WHE.870601	8 46	69	-26 9	s 4 1	23	-17 4	s 0 6	25	-24 1	s 0 4	25	-14 7	s 0 5	25	-14 1	s 0 7	25	-15 7	s 1 0	25
FL0091.POT.870601	9 58	20	-20 2	s 0 8	15	-9 9	s 0 7	21	-15 5	s 0 4	21	-11 5	s 1 1	21	-7 7	s 0 7	21	-7 4	s 1 1	21
FL0091.POT.870601	9 48	28	-22 1	s 0 7	19	-12 2	s 0 5	23	-14 8	s 0 3	23	-13 2	s 0 7	23	-11 1	s 0 7	23	-9 0	s 0 6	23
FL0091.POT.870601	9 16	40	-24 7	s 0 7	20	-14 7	s 0 4	22	-17 6	s 0 4	22	-15 2	s 1 1	22	-12 8	s 0 8	22	-12 9	s 1 4	22
FL0091.POT.870601	9 06	47	-25 8	s 1 2	22	-15 5	s 0 5	24	-19 1	s 0 5	24	-17 2	s 1 4	24	-10 4	s 0 8	24	-10 5	s 1 2	24
FL0091.POT.870601	8 37	70	-40 1	s 3 2	19	-30 1	s 0 7	23	-20 9	s 0 5	23	-13 6	s 0 6	23	-19 0	s 1 6	23	-24 0	s 1 0	23
FL0091.POT.870601	10 08	18	-20 0	s 0 6	16	-9 8	s 0 6	21	-15 2	s 0 6	21	-12 2	s 0 8	21	-8 9	s 0 8	21	-8 2	s 1 6	21
FL0091.POT.870601	9 39	29	-21 6	s 1 1	19	-11 5	s 0 6	21	-15 5	s 0 5	21	-12 9	s 1 1	21	-12 3	s 0 4	21	-10 7	s 0 8	21
FL0091.POT.870601	9 25	40	-24 7	s 0 7	21	-14 3	s 0 5	24	-17 3	s 0 5	24	-15 3	s 1 1	24	-10 3	s 0 6	24	-14 0	s 0 8	24
FL0091.POT.870601	8 56	49	-25 7	s 1 2	21	-15 3	s 0 6	24	-19 2	s 0 5	24	-16 5	s 1 4	24	-10 2	s 1 0	24	-14 9	s 0 7	24
FL0091.POT.870601	8 46	69	-35 5	s 0 9	19	-18 8	s 0 5	22	-24 6	s 0 8	22	-18 2	s 0 5	22	-15 8	s 1 6	22	-18 5	s 1 4	22
FL0100.POT.870601	9 58	19	-18 5	s 1 0	27	-8 6	s 0 6	32	-15 3	s 0 8	32	-11 5	s 1 8	32	-7 2	s 0 8	32	-7 3	s 1 6	32
FL0100.POT.870601	9 48	27	-19 5	s 0 6	29	-12 0	s 0 7	32	-14 6	s 0 6	32	-12 5	s 0 9	32	-10 1	s 1 0	32	-8 4	s 1 2	32
FL0100.POT.870601	9 16	38	-22 4	s 0 7	30	-14 0	s 0 4	32	-16 8	s 0 5	32	-13 1	s 1 5	32	-12 2	s 0 5	32	-12 3	s 0 7	32
FL0100.POT.870601	9 06	49	-24 2	s 0 9	33	-14 4	s 0 7	35	-18 6	s 0 6	35	-15 9	s 1 1	35	-10 1	s 0 7	35	-10 1	s 1 1	35
FL0100.POT.870601	8 37	70	-40 2	s 4 0	19	-29 7	s 1 0	24	-20 2	s 0 4	24	-13 8	s 1 2	24	-19 0	s 1 1	24	-24 1	s 1 6	24
FL0100.POT.870601	10 08	19	-18 3	s 1 0	25	-8 8	s 0 6	29	-14 3	s 0 6	29	-11 3	s 0 7	29	-8 3	s 1 1	29	-8 1	s 0 9	29
FL0100.POT.870601	9 39	26	-19 1	s 0 7	28	-10 4	s 0 4	32	-14 6	s 0 4	32	-11 6	s 0 8	32	-12 0	s 0 5	32	-10 2	s 0 9	32
FL0100.POT.870601	9 25	40	-22 2	s 0 9	32	-13 5	s 0 5	35	-17 7	s 0 5	35	-14 4	s 1 0	35	-10 5	s 0 9	35	-14 1	s 1 1	35

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0100.POT.870601	8.56	50	-22.8	1.0	28	-14.5	0.5	29	-18.5	0.4	29	-15.1	1.1	29	-9.1	0.9	29	-14.1	0.6	29
FL0100.POT.870601	8.46	69	-32.1	5.3	29	-17.8	0.6	33	-24.4	0.6	33	-17.4	0.7	33	-15.5	1.1	33	-17.5	1.5	33
FL0113.WHE.870601	9.58	20	999.9	999.9	999	-8.3	0.6	4	-15.5	0.9	4	-13.4	0.4	4	-7.9	1.4	4	-7.4	1.3	4
FL0113.WHE.870601	9.48	31	-18.6	0.0	1	-12.1	0.4	5	-15.4	0.5	5	-14.5	1.3	5	-10.6	1.2	5	-8.9	1.6	5
FL0113.WHE.870601	9.16	40	-20.3	0.6	4	-14.5	0.3	6	-17.6	0.3	6	-16.5	0.6	6	-11.9	1.0	6	-12.5	0.7	6
FL0113.WHE.870601	9.06	51	-21.7	0.4	4	-15.5	0.4	7	-18.7	0.3	7	-14.3	0.7	7	-9.5	0.5	7	-9.6	0.9	7
FL0113.WHE.870601	8.37	71	-38.1	0.0	2	-29.6	0.9	5	-17.6	0.3	5	-12.7	0.6	5	-15.5	0.8	5	-18.6	1.2	5
FL0113.WHE.870601	10.08	20	999.9	999.9	999	-8.8	0.4	6	-15.2	0.4	6	-12.9	1.1	6	-7.9	1.0	6	-8.2	1.1	6
FL0113.WHE.870601	9.39	31	-17.4	0.6	2	-10.7	0.2	5	-16.1	0.6	5	-14.3	0.5	5	-12.4	0.7	5	-11.0	0.7	5
FL0113.WHE.870601	9.25	42	-19.9	0.4	4	-14.7	0.7	6	-18.4	0.5	6	-14.6	0.8	6	-10.2	0.6	6	-13.1	1.1	6
FL0113.WHE.870601	8.56	47	-20.1	0.5	5	-15.6	0.8	7	-18.8	0.4	7	-13.9	0.9	7	-8.5	0.9	7	-13.4	0.3	7
FL0113.WHE.870601	8.46	71	-33.8	0.2	2	-16.1	0.5	6	-21.5	1.5	6	-13.3	0.4	6	-13.2	0.7	6	-15.3	0.6	6
FL0114.WHE.870601	9.58	19	-12.0	0.1	2	-9.0	0.6	7	-15.1	0.5	7	-11.3	0.6	7	-6.8	0.8	7	-6.3	0.4	7
FL0114.WHE.870601	9.48	30	-18.1	0.4	4	-12.6	0.6	8	-15.1	0.4	8	-14.1	1.1	8	-9.6	0.8	8	-7.0	1.0	8
FL0114.WHE.870601	9.16	40	-20.5	0.7	5	-14.6	0.5	7	-17.4	0.5	7	-14.9	1.7	7	-11.7	0.9	7	-10.5	1.1	7
FL0114.WHE.870601	9.06	50	-21.5	0.7	6	-15.4	0.4	9	-19.3	0.6	9	-15.9	0.9	9	-9.7	1.0	9	-10.5	0.6	9
FL0114.WHE.870601	8.37	70	-38.6	0.5	4	-28.8	1.5	8	-18.1	0.3	8	-12.9	0.4	8	-16.2	0.9	8	-19.4	1.1	8
FL0114.WHE.870601	10.08	22	-14.7	0.4	2	-8.9	0.5	7	-16.1	0.5	7	-13.4	0.8	7	-8.5	1.0	7	-7.8	1.8	7
FL0114.WHE.870601	9.39	30	-17.4	0.8	5	-11.9	0.7	7	-15.6	0.8	7	-13.6	0.9	7	-10.8	0.5	7	-9.4	1.9	7
FL0114.WHE.870601	9.25	37	-20.5	0.5	6	-14.8	0.3	8	-18.5	0.4	8	-15.4	0.8	8	-9.6	0.3	8	-14.3	1.1	8
FL0114.WHE.870601	8.56	49	-19.9	0.7	6	-15.6	0.5	9	-19.0	0.4	9	-15.0	1.3	9	-8.4	0.8	9	-13.7	0.8	9
FL0114.WHE.870601	8.46	72	-41.2	4.8	2	-16.1	0.7	6	-22.0	0.5	6	-13.9	0.5	6	-13.3	0.6	6	-15.6	0.8	6
FL0115.WHE.870601	9.58	20	999.9	999.9	999	-9.5	0.5	2	-18.0	0.7	2	999.9	999.9	999	-9.6	1.4	2	-12.1	0.5	2
FL0115.WHE.870601	9.48	33	999.9	999.9	999	-13.1	0.6	3	-16.7	0.6	3	-15.6	0.7	3	-12.1	0.6	3	-10.0	2.9	3
FL0115.WHE.870601	9.16	40	999.9	999.9	999	-15.1	0.3	4	-18.1	0.3	4	-16.5	0.4	4	-12.7	0.7	4	-12.8	0.9	4
FL0115.WHE.870601	9.06	49	-22.0	0.6	2	-17.2	0.4	4	-20.0	0.2	4	-17.1	1.2	4	-10.5	0.2	4	-10.7	0.7	4
FL0115.WHE.870601	8.37	70	999.9	999.9	999	-28.8	0.5	3	-18.0	0.4	3	-13.4	0.0	3	-14.8	0.5	3	-16.4	0.2	3
FL0115.WHE.870601	10.08	23	999.9	999.9	999	-9.5	0.7	2	-17.5	0.3	2	-16.3	1.2	2	-10.7	0.2	2	-10.3	1.0	2
FL0115.WHE.870601	9.39	31	999.9	999.9	999	-12.3	0.4	3	-17.5	1.2	3	999.9	999.9	999	-14.2	0.5	3	-12.9	0.7	3
FL0115.WHE.870601	9.25	40	-20.1	0.9	2	-15.5	0.4	4	-18.9	0.4	4	-15.7	1.1	4	-11.2	0.4	4	-14.4	1.1	4
FL0115.WHE.870601	8.56	52	-21.0	0.1	2	-15.7	0.3	4	-19.0	0.6	4	-17.0	1.3	4	-9.3	0.2	4	-14.6	0.8	4
FL0115.WHE.870601	8.46	75	999.9	999.9	999	-15.6	0.1	2	-20.4	0.0	2	-12.8	0.4	2	-11.9	0.4	2	-13.4	1.7	2
FL0121.SBT.870601	9.58	16	-16.3	0.9	6	-7.4	0.4	11	-14.1	0.4	11	-7.8	0.9	11	-7.1	1.0	11	-5.8	1.0	11
FL0121.SBT.870601	9.48	31	-20.7	0.5	9	-11.4	0.5	12	-14.4	0.4	12	-11.9	0.6	12	-9.4	1.1	12	-7.1	1.3	12
FL0121.SBT.870601	9.16	39	-21.9	0.6	10	-13.9	0.3	13	-17.1	0.4	13	-13.7	0.5	13	-11.4	0.6	13	-12.0	1.2	13
FL0121.SBT.870601	9.06	49	-23.1	1.7	11	-14.8	0.7	13	-18.4	0.6	13	-14.8	0.9	13	-9.9	0.7	13	-10.2	0.8	13
FL0121.SBT.870601	8.37	69	-43.7	2.5	9	-29.3	1.1	13	-19.8	0.5	13	-14.2	0.6	13	-17.5	2.0	13	-22.6	1.8	13
FL0121.SBT.870601	10.08	20	-18.9	0.4	6	-7.8	0.5	11	-14.1	0.5	11	-10.0	0.6	11	-7.3	0.8	11	-6.0	1.2	11
FL0121.SBT.870601	9.39	29	-20.1	0.5	9	-10.6	0.6	13	-14.3	0.4	13	-11.3	0.9	13	-10.3	0.7	13	-8.5	1.3	13
FL0121.SBT.870601	9.25	40	-21.6	1.2	10	-13.5	0.4	12	-17.4	0.3	12	-13.6	0.8	12	-9.2	0.6	12	-13.1	0.9	12
FL0121.SBT.870601	8.56	48	-22.7	2.4	11	-14.2	0.4	13	-18.3	0.5	13	-14.1	1.1	13	-8.0	0.6	13	-13.2	0.7	13
FL0121.SBT.870601	8.46	69	-27.7	5.5	10	-18.0	0.5	13	-24.4	0.4	13	-16.5	0.7	13	-15.4	0.8	13	-17.9	0.9	13
FL0122.SBT.870601	9.58	20	-19.9	1.0	13	-7.1	0.7	19	-14.6	0.5	19	-10.0	0.9	19	-6.3	0.7	19	-6.3	1.1	19
FL0122.SBT.870601	9.48	31	-20.0	0.5	10	-11.1	0.4	14	-14.3	0.4	14	-11.9	1.3	14	-10.3	0.9	14	-8.2	1.0	14
FL0122.SBT.870601	9.16	40	-22.4	0.6	13	-14.0	0.5	15	-16.8	0.4	15	-13.1	0.9	15	-11.3	0.8	15	-11.2	1.3	15
FL0122.SBT.870601	9.06	49	-23.4	2.1	14	-14.3	0.3	16	-18.4	0.4	16	-14.7	0.7	16	-8.8	0.6	16	-9.8	1.1	16
FL0122.SBT.870601	8.37	69	-40.1	3.2	11	-30.0	0.7	15	-20.0	0.5	15	-14.2	0.6	15	-17.3	1.2	15	-21.9	1.4	15
FL0122.SBT.870601	10.08	15	-14.7	3.6	9	-8.0	0.8	13	-13.5	0.5	13	-9.0	0.8	13	-7.6	0.7	13	-6.4	1.1	13
FL0122.SBT.870601	9.39	29	-20.4	0.8	12	-10.3	0.3	15	-14.1	0.3	15	-9.8	1.0	15	-11.4	0.3	15	-9.2	0.4	15
FL0122.SBT.870601	9.25	41	-22.3	0.7	12	-13.3	0.7	15	-17.3	0.6	15	-13.6	0.6	15	-9.7	0.9	15	-13.3	1.0	15
FL0122.SBT.870601	8.56	49	-22.4	1.9	13	-14.6	0.4	15	-18.6	0.4	15	-13.9	0.9	15	-8.0	0.7	15	-13.6	0.8	15
FL0122.SBT.870601	8.46	64	-29.5	4.2	13	-19.7	1.2	16	-26.1	1.1	16	-16.9	0.8	16	-16.7	0.8	16	-18.1	0.9	16
FL0130.SBT.870601	9.58	21	-19.1	0.9	21	-7.4	0.5	26	-14.0	0.5	26	-8.5	0.8	26	-6.6	1.1	26	-4.7	2.3	26
FL0130.SBT.870601	9.48	29	-20.4	0.6	23	-10.7	0.4	27	-14.1	0.4	27	-10.2	0.6	27	-10.5	0.9	27	-7.6	1.1	27

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0130.SBT.870601	9.16	39 -20.9	s 0.7	24	-14.1	s 0.4	26	-17.1	s 0.5	26	-12.1	s 0.9	26	-11.7	s 0.8	26	-11.8	s 1.0	26
FL0130.SBT.870601	9.06	52 -22.2	s 0.7	25	-14.0	s 0.6	27	-17.3	s 0.6	27	-13.5	s 1.2	27	-9.0	s 0.6	27	-9.6	s 0.8	27
FL0130.SBT.870601	8.37	69 -39.9	s 3.3	23	-29.3	s 0.9	27	-18.7	s 0.4	27	-13.8	s 0.7	27	-16.3	s 1.2	27	-20.5	s 0.9	27
FL0130.SBT.870601	10.08	19 -18.6	s 1.2	21	-8.1	s 0.5	26	-13.7	s 0.4	26	-9.1	s 0.6	26	-7.6	s 1.0	26	-6.4	s 1.2	26
FL0130.SBT.870601	9.39	29 -20.2	s 0.5	23	-10.2	s 0.5	27	-14.6	s 0.6	27	-10.7	s 1.1	27	-11.3	s 1.1	27	-9.5	s 0.8	27
FL0130.SBT.870601	9.25	39 -20.0	s 1.0	25	-13.0	s 0.4	28	-17.1	s 0.5	28	-12.2	s 0.7	28	-9.8	s 0.8	28	-13.3	s 0.5	28
FL0130.SBT.870601	8.56	49 -20.9	s 0.8	26	-14.1	s 0.5	28	-18.1	s 0.6	28	-12.6	s 1.2	28	-8.3	s 0.7	28	-13.6	s 0.9	28
FL0130.SBT.870601	8.46	69 -28.3	s 4.6	23	-17.9	s 0.6	26	-24.4	s 0.5	26	-15.7	s 0.7	26	-15.1	s 0.6	26	-16.9	s 0.9	26
FL0140.POT.870601	9.58	22 -19.5	s 1.0	30	-9.2	s 0.6	34	-15.9	s 0.6	34	-11.8	s 1.1	34	-8.8	s 0.9	34	-8.5	s 1.1	34
FL0140.POT.870601	9.48	29 -20.5	s 0.7	32	-12.2	s 0.6	36	-15.0	s 0.5	36	-14.1	s 1.2	36	-10.4	s 0.9	36	-8.9	s 1.1	36
FL0140.POT.870601	9.16	39 -24.4	s 0.7	32	-14.7	s 0.5	34	-17.4	s 0.6	34	-14.7	s 1.3	34	-12.5	s 0.8	34	-12.7	s 1.1	34
FL0140.POT.870601	9.06	49 -25.9	s 1.2	35	-14.7	s 0.5	37	-18.2	s 0.5	37	-15.9	s 1.1	37	-10.4	s 0.8	37	-10.2	s 1.0	37
FL0140.POT.870601	8.37	69 -40.8	s 4.1	33	-29.9	s 1.3	37	-20.5	s 0.5	37	-14.1	s 1.2	37	-18.6	s 1.8	37	-24.0	s 1.4	37
FL0140.POT.870601	10.08	23 -19.9	s 0.9	31	-9.7	s 0.7	36	-15.9	s 0.6	36	999.9	s 999	999	-8.8	s 1.0	36	-8.4	s 1.4	36
FL0140.POT.870601	9.39	30 -20.4	s 0.8	33	-11.1	s 0.5	36	-15.2	s 0.5	36	-12.8	s 1.3	36	-12.1	s 0.6	36	-10.4	s 0.8	36
FL0140.POT.870601	9.25	37 -23.9	s 0.7	34	-13.8	s 0.5	37	-17.8	s 0.5	37	-14.1	s 0.8	37	-10.8	s 1.0	37	-14.1	s 1.0	37
FL0140.POT.870601	8.56	49 -24.8	s 1.4	36	-15.1	s 0.6	38	-19.0	s 0.7	38	-16.2	s 1.4	38	-10.1	s 1.0	38	-14.7	s 0.9	38
FL0140.POT.870601	8.46	70 999.9	s 999	999	-18.4	s 0.7	36	-24.1	s 1.0	36	-17.7	s 0.6	36	-16.1	s 0.7	36	-19.0	s 1.5	36
FL0151.WHE.870601	9.58	20 -15.3	s 0.4	3	-7.8	s 0.5	8	-16.4	s 0.3	8	-13.0	s 0.8	8	-9.9	s 0.7	8	-8.9	s 0.5	8
FL0151.WHE.870601	9.48	28 -16.0	s 0.4	6	-11.6	s 0.6	10	-15.4	s 0.5	10	-14.4	s 1.0	10	-10.4	s 0.9	10	-8.5	s 0.4	10
FL0151.WHE.870601	9.16	40 -21.7	s 0.5	7	-14.8	s 0.4	9	-16.9	s 0.4	9	-13.0	s 0.7	9	-11.1	s 0.8	9	-11.1	s 1.0	9
FL0151.WHE.870601	9.06	46 -22.5	s 0.8	8	-15.2	s 0.6	10	-18.3	s 0.4	10	-12.5	s 1.1	10	-9.5	s 0.6	10	-10.0	s 0.3	10
FL0151.WHE.870601	8.37	69 -41.4	s 5.1	7	-28.9	s 0.9	9	-17.7	s 0.4	9	-13.8	s 0.4	9	-15.7	s 1.5	9	-18.5	s 0.7	9
FL0151.WHE.870601	10.08	20 -16.7	s 0.7	4	-8.6	s 0.7	9	-17.0	s 0.8	9	-14.5	s 1.7	9	-9.4	s 0.8	9	-8.2	s 1.4	9
FL0151.WHE.870601	9.39	28 -16.8	s 0.5	7	-12.1	s 0.7	9	-15.6	s 0.6	9	-13.3	s 1.1	9	-10.9	s 0.7	9	-8.8	s 0.8	9
FL0151.WHE.870601	9.25	39 -20.3	s 0.5	7	-14.2	s 0.4	9	-17.5	s 0.2	9	-13.5	s 0.7	9	-9.4	s 0.8	9	-12.9	s 0.2	9
FL0151.WHE.870601	8.56	48 -21.1	s 0.8	8	-14.9	s 0.6	10	-18.6	s 0.4	10	-13.0	s 1.0	10	-8.4	s 0.9	10	-13.6	s 0.9	10
FL0151.WHE.870601	8.46	68 -25.6	s 0.5	5	-17.6	s 0.6	8	-24.2	s 0.5	8	-14.7	s 0.4	8	-14.8	s 0.4	8	-15.7	s 0.4	8
FL0152.WHE.870601	9.58	20 -17.1	s 0.7	5	-8.4	s 0.5	10	-16.4	s 0.9	10	-12.1	s 1.0	10	-7.5	s 1.7	10	-7.0	s 1.4	10
FL0152.WHE.870601	9.48	28 -18.3	s 0.9	8	-12.7	s 0.4	12	-15.0	s 0.3	12	-13.7	s 1.1	12	-9.4	s 0.4	12	-7.6	s 1.6	12
FL0152.WHE.870601	9.16	39 -22.1	s 0.8	8	-15.0	s 0.4	10	-17.6	s 0.4	10	-14.6	s 1.5	10	-11.6	s 0.7	10	-11.7	s 0.8	10
FL0152.WHE.870601	9.06	41 999.9	s 999	999	-16.1	s 0.5	12	-19.5	s 0.6	12	-15.1	s 0.8	12	-10.4	s 0.8	12	-10.5	s 1.3	12
FL0152.WHE.870601	8.37	70 -39.9	s 3.2	8	-28.7	s 1.0	11	-17.9	s 0.3	11	-13.4	s 0.3	11	-15.1	s 1.7	11	-19.6	s 1.1	11
FL0152.WHE.870601	10.08	19 -16.9	s 0.5	2	-8.6	s 0.8	6	-16.4	s 0.9	6	-13.5	s 1.1	6	-7.0	s 0.9	6	-5.8	s 1.3	6
FL0152.WHE.870601	9.39	29 -18.0	s 0.7	7	-12.1	s 0.6	11	-16.1	s 0.7	11	-13.8	s 1.0	11	-11.2	s 0.6	11	-9.6	s 1.3	11
FL0152.WHE.870601	9.25	40 -21.9	s 0.9	10	-14.8	s 0.5	12	-18.1	s 0.5	12	-13.7	s 0.6	12	-9.9	s 0.8	12	-12.9	s 1.0	12
FL0152.WHE.870601	8.56	53 -22.0	s 0.6	9	-15.3	s 0.4	11	-18.1	s 0.6	11	-13.4	s 1.3	11	-8.9	s 0.3	11	-13.4	s 0.3	11
FL0152.WHE.870601	8.46	68 -26.2	s 0.5	7	-17.3	s 0.6	10	-24.1	s 0.5	10	-14.8	s 0.6	10	-14.8	s 0.6	10	-16.1	s 0.6	10
FL0171.COR.870601	9.58	21 999.9	s 999	999	-9.9	s 0.0	1	-16.2	s 0.0	1	-11.5	s 0.0	1	-8.3	s 0.0	1	-7.3	s 0.0	1
FL0171.COR.870601	9.48	32 999.9	s 999	999	-13.0	s 1.0	3	-15.0	s 0.7	3	-15.3	s 0.5	3	-10.0	s 0.8	3	-9.4	s 1.3	3
FL0171.COR.870601	9.16	42 999.9	s 999	999	-14.6	s 0.6	3	-17.4	s 0.7	3	-15.3	s 1.6	3	-12.5	s 0.5	3	-13.5	s 1.1	3
FL0171.COR.870601	9.06	59 999.9	s 999	999	-13.7	s 0.5	3	-16.7	s 0.8	3	-18.6	s 1.3	3	-10.6	s 0.8	3	-8.6	s 1.0	3
FL0171.COR.870601	8.37	999 999.9	s 999	999	999.9	s 999	999	999.9	s 999	999	999.9	s 999	999	999.9	s 999	999	999.9	s 999	999
FL0171.COR.870601	10.08	20 999.9	s 999	999	-9.7	s 0.6	2	-14.8	s 0.1	2	-10.0	s 0.6	2	-6.9	s 2.4	2	-5.7	s 1.8	2
FL0171.COR.870601	9.39	29 999.9	s 999	999	-12.5	s 1.0	3	-16.0	s 0.1	3	-14.5	s 1.5	3	-10.7	s 0.5	3	-10.0	s 2.5	3
FL0171.COR.870601	9.25	41 999.9	s 999	999	-14.5	s 0.8	3	-17.7	s 0.4	3	-15.4	s 0.5	3	-11.5	s 0.5	3	-13.5	s 1.1	3
FL0171.COR.870601	8.56	50 999.9	s 999	999	-15.3	s 0.2	3	-19.0	s 0.1	3	-16.5	s 1.8	3	-9.8	s 0.6	3	-13.9	s 0.7	3
FL0171.COR.870601	8.46	999 999.9	s 999	999	999.9	s 999	999	999.9	s 999	999	999.9	s 999	999	999.9	s 999	999	999.9	s 999	999
FL0180.POT.870601	9.58	19 -18.8	s 1.0	21	-8.1	s 0.6	26	-15.0	s 0.5	26	-9.8	s 1.1	26	-8.0	s 0.5	26	-8.2	s 0.8	26
FL0180.POT.870601	9.48	28 -20.0	s 0.7	24	-11.6	s 0.5	27	-14.9	s 0.5	27	-13.3	s 1.0	27	-10.8	s 1.0	27	-8.8	s 1.2	27
FL0180.POT.870601	9.16	38 -23.6	s 0.6	25	-14.1	s 0.5	27	-16.9	s 0.3	27	-13.0	s 1.0	27	-12.1	s 0.8	27	-12.2	s 0.8	27
FL0180.POT.870601	9.06	49 -24.9	s 1.7	28	-14.3	s 0.4	30	-18.5	s 0.6	30	-14.7	s 1.2	30	-10.0	s 0.7	30	-10.1	s 0.9	30
FL0180.POT.870601	8.37	70 -41.9	s 3.2	22	-29.7	s 0.9	26	-19.7	s 0.5	26	-13.0	s 0.7	26	-18.3	s 1.3	26	-23.3	s 1.1	26
FL0180.POT.870601	10.08	20 -18.7	s 0.7	24	-8.5	s 0.6	29	-14.7	s 0.7	29	-11.2	s 1.1	29	-8.4	s 0.6	29	-8.0	s 0.9	29

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0180.POT.870601	9.39	29	-19.9	0.9	27	-10.8	0.5	30	-14.6	0.3	30	-11.3	1.1	30	-11.8	0.4	30	-9.8	0.7	30
FL0180.POT.870601	9.25	40	-23.5	0.8	25	-13.4	0.6	29	-17.3	0.4	29	-14.1	0.9	29	-10.5	0.6	29	-13.3	1.1	29
FL0180.POT.870601	8.56	49	-23.2	1.5	28	-14.9	0.5	30	-18.9	0.5	30	-14.4	1.3	30	-9.4	0.6	30	-13.9	0.8	30
FL0180.POT.870601	8.46	68	-32.6	4.3	17	-18.2	0.7	22	-24.5	0.9	22	-16.9	0.8	22	-15.6	1.7	22	-17.8	2.3	22
FL0191.SBT.870601	9.58	19	-18.5	1.3	22	-6.9	0.8	27	-13.9	0.4	27	-7.6	1.3	27	-6.2	0.9	27	-5.5	1.1	27
FL0191.SBT.870601	9.48	29	-19.8	0.8	25	-10.8	0.7	28	-14.1	0.5	28	-10.9	0.9	28	-9.7	0.9	28	-7.5	0.6	28
FL0191.SBT.870601	9.16	40	-20.4	1.0	22	-13.6	0.6	24	-16.3	0.5	24	-12.4	1.1	24	-11.4	0.8	24	-11.2	1.1	24
FL0191.SBT.870601	9.06	49	-21.1	0.7	25	-14.2	0.3	28	-18.9	0.7	28	-14.1	0.9	28	-9.2	0.9	28	-10.6	1.1	28
FL0191.SBT.870601	8.37	70	-39.4	2.7	27	-29.6	1.1	31	-19.2	0.5	31	-13.2	0.8	31	-16.8	1.5	31	-21.8	1.4	31
FL0191.SBT.870601	10.08	19	-18.8	0.7	21	-7.7	0.5	25	-13.3	0.5	25	-9.7	0.7	25	-6.8	1.0	25	-6.0	0.9	25
FL0191.SBT.870601	9.39	30	-20.2	1.0	21	-10.4	0.4	24	-14.0	0.4	24	-9.9	1.0	24	-11.0	0.7	24	-8.9	0.8	24
FL0191.SBT.870601	9.25	40	-19.7	0.6	25	-13.0	0.4	27	-16.5	0.4	27	-12.6	1.3	27	-10.1	0.8	27	-13.5	1.0	27
FL0191.SBT.870601	8.56	48	-19.4	0.8	25	-14.6	0.4	27	-18.1	0.4	27	-12.3	0.8	27	-8.4	0.6	27	-13.1	0.7	27
FL0191.SBT.870601	8.46	71	-32.7	8.0	32	-17.1	0.6	34	-23.2	1.1	34	-15.5	0.6	34	-14.2	1.1	34	-17.2	1.2	34
FL0192.SBT.870601	9.58	19	-18.5	1.3	22	-6.9	0.8	27	-13.9	0.4	27	-7.6	1.3	27	-6.2	0.9	27	-5.5	1.1	27
FL0192.SBT.870601	9.48	29	-19.8	0.8	25	-10.8	0.7	28	-14.1	0.5	28	-10.9	0.9	28	-9.7	0.9	28	-7.5	0.6	28
FL0192.SBT.870601	9.16	40	-20.4	1.0	22	-13.6	0.6	24	-16.3	0.5	24	-12.4	1.1	24	-11.4	0.8	24	-11.2	1.1	24
FL0192.SBT.870601	9.06	49	-21.1	0.7	25	-14.2	0.3	28	-18.9	0.7	28	-14.1	0.9	28	-9.2	0.9	28	-10.6	1.1	28
FL0192.SBT.870601	8.37	70	-39.4	2.7	27	-29.6	1.1	31	-19.2	0.5	31	-13.2	0.8	31	-16.8	1.5	31	-21.8	1.4	31
FL0192.SBT.870601	10.08	19	-18.8	0.7	21	-7.7	0.5	25	-13.3	0.5	25	-9.7	0.7	25	-6.8	1.0	25	-6.0	0.9	25
FL0192.SBT.870601	9.39	30	-20.2	1.0	21	-10.4	0.4	24	-14.0	0.4	24	-9.9	1.0	24	-11.0	0.7	24	-8.9	0.8	24
FL0192.SBT.870601	9.25	40	-19.7	0.6	25	-13.0	0.4	27	-16.5	0.4	27	-12.6	1.3	27	-10.1	0.8	27	-13.5	1.0	27
FL0192.SBT.870601	8.56	48	-19.4	0.8	25	-14.6	0.4	27	-18.1	0.4	27	-12.3	0.8	27	-8.4	0.6	27	-13.1	0.7	27
FL0192.SBT.870601	8.46	71	-32.7	8.0	32	-17.1	0.6	34	-23.2	1.1	34	-15.5	0.6	34	-14.2	1.1	34	-17.2	1.2	34
FL0201.WHE.870601	9.58	19	999.9	999	999	-6.9	0.5	5	-14.6	0.5	5	-9.0	0.7	5	-7.5	0.4	5	-6.4	0.6	5
FL0201.WHE.870601	9.48	32	-15.1	0.0	1	-10.5	0.3	7	-14.0	0.3	7	-12.0	1.0	7	-10.4	0.5	7	-8.1	0.7	7
FL0201.WHE.870601	9.16	40	-19.3	0.4	4	-13.4	0.5	6	-16.8	0.3	6	-13.3	1.2	6	-11.4	0.6	6	-11.3	0.7	6
FL0201.WHE.870601	9.06	48	-19.8	0.2	4	-14.3	0.5	6	-19.0	0.3	6	-14.0	1.2	6	-8.3	0.6	6	-10.4	0.6	6
FL0201.WHE.870601	8.37	69	-44.4	0.1	2	-28.2	0.6	6	-17.6	0.5	6	-14.1	0.3	6	-16.1	0.4	6	-19.3	0.3	6
FL0201.WHE.870601	10.08	21	999.9	999	999	-6.8	0.2	5	-13.1	0.6	5	-10.0	0.4	5	-8.1	0.4	5	-7.6	0.4	5
FL0201.WHE.870601	9.39	29	-15.6	0.2	3	-9.6	0.2	6	-14.7	0.6	6	-12.0	1.1	6	-12.3	0.6	6	-9.9	1.1	6
FL0201.WHE.870601	9.25	39	-18.0	0.8	3	-12.9	0.4	6	-16.6	0.5	6	-13.6	1.1	6	-9.5	0.9	6	-13.6	0.6	6
FL0201.WHE.870601	8.56	48	-17.4	0.4	4	-14.5	0.3	6	-18.0	0.2	6	-12.5	0.7	6	-8.2	0.4	6	-13.2	0.3	6
FL0201.WHE.870601	8.46	70	-22.9	0.0	1	-16.3	0.7	6	-23.8	0.5	6	-13.7	0.3	6	-13.5	0.9	6	-15.7	0.5	6
FL0202.WHE.870601	9.58	20	999.9	999	999	-8.8	0.6	3	-15.8	0.1	3	-12.0	0.7	3	-6.7	1.0	3	-6.8	0.8	3
FL0202.WHE.870601	9.48	36	999.9	999	999	-12.0	0.9	4	-15.0	0.9	4	-13.8	0.7	4	-9.0	0.6	4	-6.8	1.0	4
FL0202.WHE.870601	9.16	35	-20.6	0.2	2	-14.1	0.2	4	-17.2	0.4	4	-13.8	1.2	4	-12.6	0.6	4	-12.5	0.9	4
FL0202.WHE.870601	9.06	48	-22.5	2.3	3	-15.9	0.3	5	-19.8	0.1	5	-15.3	1.1	5	-8.7	1.0	5	-10.7	0.8	5
FL0202.WHE.870601	8.37	70	999.9	999	999	-28.8	0.5	3	-17.6	0.7	3	-13.3	0.4	3	-17.2	0.4	3	-16.9	2.5	3
FL0202.WHE.870601	10.08	21	999.9	999	999	-8.0	0.6	3	-13.3	0.5	3	-11.4	0.7	3	-6.5	1.8	3	-18.0	0.7	3
FL0202.WHE.870601	9.39	31	999.9	999	999	-12.1	0.9	4	-14.9	0.4	4	-12.6	0.4	4	-11.5	0.3	4	-9.1	0.7	4
FL0202.WHE.870601	9.25	42	-19.4	0.2	2	-13.2	0.4	4	-16.8	0.8	4	-13.9	0.5	4	-10.5	0.4	4	-13.9	0.7	4
FL0202.WHE.870601	8.56	50	-20.0	0.3	3	-14.7	0.5	5	-18.5	0.6	5	-14.6	0.1	5	-8.2	0.8	5	-13.8	0.6	5
FL0202.WHE.870601	8.46	71	999.9	999	999	-16.4	0.6	3	-23.2	0.1	3	-13.5	0.3	3	-13.9	0.2	3	-15.6	0.4	3
FL0210.BEA.870601	9.58	19	-18.4	1.4	5	-11.1	1.0	10	-15.7	0.5	10	-10.0	1.4	10	-7.4	0.8	10	-7.3	0.7	10
FL0210.BEA.870601	9.48	30	-23.2	2.7	9	-13.5	0.7	13	-15.5	0.6	13	-14.9	0.8	13	-11.0	0.8	13	-8.7	1.6	13
FL0210.BEA.870601	9.16	39	-24.3	0.5	10	-15.5	0.6	15	-17.4	0.7	15	-15.7	1.3	15	-12.3	0.7	15	-12.5	1.0	15
FL0210.BEA.870601	9.06	50	-27.4	0.9	11	-15.6	0.7	13	-20.5	0.7	13	-17.2	1.1	13	-10.3	0.6	13	-12.9	0.7	13
FL0210.BEA.870601	8.37	70	-39.6	3.9	10	-29.5	0.6	14	-20.5	0.5	14	-13.9	0.5	14	-17.3	1.4	14	-19.4	0.9	14
FL0210.BEA.870601	10.08	19	-21.4	1.6	9	-11.8	0.9	13	-14.4	0.4	13	-12.4	1.3	13	-7.7	0.7	13	-17.9	4.9	13
FL0210.BEA.870601	9.39	30	-23.8	0.8	11	-12.9	0.8	14	-15.3	0.3	14	-13.2	1.3	14	-12.4	0.5	14	-10.5	0.8	14
FL0210.BEA.870601	9.25	41	-23.8	0.7	11	-14.8	1.0	14	-17.7	0.9	14	-16.7	1.5	14	-11.2	0.6	14	-14.4	0.9	14
FL0210.BEA.870601	8.56	48	-23.8	1.9	10	-15.9	0.5	12	-19.0	0.4	12	-16.4	1.3	12	-9.9	1.0	12	-14.7	0.9	12
FL0210.BEA.870601	8.46	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0010.BAR.870615	8.25	20	-13.2	1.3	118	-16.3	0.9	122	-15.9	1.1	122	999.9	999.999		-11.3	1.2	122	-12.4	1.1	122
FL0010.BAR.870615	8.37	30	-14.7	1.3	119	-11.5	0.6	121	-15.9	0.7	121	999.9	999.999		-7.3	1.0	121	-11.2	1.0	121
FL0010.BAR.870615	9.44	40	-18.0	0.8	125	-11.6	0.6	127	-15.4	0.5	127	-13.7	1.4	127	-6.0	0.9	127	-11.1	0.8	127
FL0010.BAR.870615	9.54	51	-19.0	1.1	130	-14.3	0.5	132	-13.1	0.7	132	-13.5	1.1	132	-8.6	0.9	132	-10.5	0.8	132
FL0010.BAR.870615	10.04	999	999.9	999.999	999.9	999.999	999.9	999.999	999.9	999.999	999.9	999.999	999.999	999.9	999.999	999.999	999.9	999.999	999.999	999.9
FL0010.BAR.870615	8.48	20	-9.7	1.1	116	-7.0	0.4	121	-9.9	0.6	121	999.9	999.999		-4.1	0.7	121	-9.6	1.0	121
FL0010.BAR.870615	8.58	30	-14.9	0.8	114	-8.3	0.7	117	-38.0	1.1	117	999.9	999.999		-5.5	1.0	117	-8.6	0.8	117
FL0010.BAR.870615	9.08	40	-17.8	0.8	122	-12.8	0.4	124	-13.4	7.5	124	-13.0	1.2	124	-4.9	1.0	124	-9.2	0.8	124
FL0010.BAR.870615	8.23	50	-18.0	1.1	123	-12.1	0.5	125	-13.4	0.6	125	-13.0	1.2	125	-6.5	0.8	125	-9.5	0.9	125
FL0010.BAR.870615	9.33	70	-21.0	2.6	119	-17.6	1.2	124	-19.0	1.0	124	-16.3	0.7	124	-13.2	1.5	124	-15.2	4.2	124
FL0022.BEA.870615	8.25	20	-9.6	1.4	78	-15.7	0.7	81	-13.6	0.7	81	-5.7	0.9	81	-8.2	1.1	81	-8.5	1.2	81
FL0022.BEA.870615	8.37	30	-10.4	1.1	81	-10.1	0.4	83	-13.7	0.4	83	-9.4	1.2	83	-4.3	0.9	83	-8.2	0.9	83
FL0022.BEA.870615	9.44	40	-15.9	1.0	82	-10.2	0.3	84	-14.3	0.3	84	-10.3	1.2	84	-4.9	0.6	84	-9.7	0.6	84
FL0022.BEA.870615	9.54	51	-17.5	1.1	87	-13.8	0.4	89	-12.4	0.5	89	-13.3	1.0	89	-8.4	0.8	89	-10.2	0.8	89
FL0022.BEA.870615	10.04	999	999.9	999.999	999.9	999.999	999.9	999.999	999.9	999.999	999.9	999.999	999.999	999.9	999.999	999.999	999.9	999.999	999.999	999.9
FL0022.BEA.870615	8.48	20	-6.9	0.9	78	-5.5	0.5	82	-6.9	0.3	82	-2.9	0.9	82	0.3	1.0	82	-6.8	1.1	82
FL0022.BEA.870615	8.58	29	-13.8	0.7	76	-5.9	0.4	79	-29.9	0.9	79	-7.1	0.9	79	-3.7	0.8	79	-6.3	0.9	79
FL0022.BEA.870615	9.08	40	-15.1	1.1	81	-11.9	0.4	82	-10.3	0.5	82	-11.0	1.2	82	-3.5	3.5	82	-8.3	0.9	82
FL0022.BEA.870615	9.23	50	-16.3	0.9	82	-11.6	0.5	85	-11.7	0.4	85	-12.8	0.9	85	-6.1	0.8	85	-9.3	0.8	85
FL0022.BEA.870615	9.33	72	-22.2	5.3	77	-16.2	1.6	80	-18.2	1.3	80	-16.2	0.8	80	-12.7	0.8	80	-14.6	0.9	80
FL0030.WHE.870615	8.25	21	-13.5	0.9	34	-15.5	0.7	37	-15.2	1.1	37	999.9	999.999		-10.7	1.2	37	-11.6	1.1	37
FL0030.WHE.870615	8.37	29	-15.6	0.6	36	-11.1	0.4	38	-15.1	0.5	38	-15.5	0.9	38	-7.5	0.9	38	-10.9	1.1	38
FL0030.WHE.870615	9.44	40	-19.0	0.6	37	-12.9	0.5	39	-16.2	0.6	39	-15.0	1.3	39	-7.2	0.9	39	-11.4	0.8	39
FL0030.WHE.870615	9.54	52	-20.6	0.6	39	-15.6	0.6	40	-15.2	0.7	40	-15.9	1.0	40	-9.6	0.7	40	-11.7	1.0	40
FL0030.WHE.870615	10.04	999	999.9	999.999	999.9	999.999	999.9	999.999	999.9	999.999	999.9	999.999	999.999	999.9	999.999	999.999	999.9	999.999	999.999	999.9
FL0030.WHE.870615	8.48	20	-13.4	0.8	34	-7.6	0.4	38	-11.2	0.7	38	999.9	999.999		-4.0	0.8	38	-8.9	1.0	38
FL0030.WHE.870615	8.58	30	-16.8	0.4	35	-9.6	0.7	37	-40.4	1.2	37	999.9	999.999		-5.5	0.8	37	-8.6	0.8	37
FL0030.WHE.870615	9.08	40	-18.9	0.6	36	-14.0	0.5	38	-11.3	0.4	38	999.9	999.999		-5.9	1.1	38	-9.8	0.7	38
FL0030.WHE.870615	9.23	52	-19.5	0.6	34	-14.4	0.6	36	-12.2	0.5	36	-16.0	1.4	36	-7.5	0.7	36	-10.5	0.7	36
FL0030.WHE.870615	9.33	72	-33.1	6.9	33	-16.8	1.3	37	-18.2	1.3	37	-15.9	1.0	37	-12.1	0.9	37	-14.2	1.0	37
FL0040.WHE.870615	8.25	20	-14.8	0.7	14	-16.2	0.4	18	-15.6	0.6	18	999.9	999.999		-10.0	0.9	18	-13.0	0.7	18
FL0040.WHE.870615	8.37	29	-17.4	0.7	16	-12.0	0.5	20	-15.5	0.5	20	999.9	999.999		-8.2	1.1	20	-12.2	1.1	20
FL0040.WHE.870615	9.44	37	-20.4	0.6	17	-13.9	0.7	19	-16.3	0.5	19	-15.9	1.1	19	-6.6	1.0	19	-11.8	0.5	19
FL0040.WHE.870615	8.54	50	-22.0	0.6	18	-16.0	0.5	20	-14.9	0.6	20	-14.9	1.1	20	-9.6	0.5	20	-11.4	0.8	20
FL0040.WHE.870615	10.04	999	999.9	999.999	999.9	999.999	999.9	999.999	999.9	999.999	999.9	999.999	999.999	999.9	999.999	999.999	999.9	999.999	999.999	999.9
FL0040.WHE.870615	8.48	21	-14.9	0.7	15	-8.3	0.5	18	-11.8	0.5	18	999.9	999.999		-5.1	0.7	18	-9.7	1.1	18
FL0040.WHE.870615	8.58	31	-18.4	0.4	15	-10.3	0.6	17	-41.0	0.9	17	999.9	999.999		-7.2	0.7	17	-9.4	0.9	17
FL0040.WHE.870615	9.08	40	-20.3	0.6	17	-14.3	0.4	19	-11.5	0.4	19	999.9	999.999		-6.3	0.7	19	-10.3	0.9	19
FL0040.WHE.870615	9.23	51	-22.0	0.5	18	-14.5	0.5	19	-12.2	0.4	19	-15.0	1.0	19	-8.0	0.7	19	-10.4	0.7	19
FL0040.WHE.870615	9.33	70	-30.4	5.7	16	-18.1	1.3	19	-19.1	1.4	19	-15.9	1.1	19	-12.6	1.0	19	-14.2	0.8	19
FL0051.SBT.870615	8.25	20	-16.6	1.3	13	-16.0	0.4	17	-14.5	0.8	17	-9.6	1.0	17	-8.5	0.7	17	-10.1	0.6	17
FL0051.SBT.870615	8.37	31	-16.4	1.7	15	-11.5	0.6	19	-14.1	0.4	19	-11.6	1.1	19	-4.1	0.9	19	-8.6	1.0	19
FL0051.SBT.870615	9.44	40	-17.9	0.4	17	-10.9	0.4	19	-14.7	0.2	19	-11.0	1.2	19	-4.5	1.0	19	-9.7	0.4	19
FL0051.SBT.870615	9.54	51	-20.4	0.7	18	-14.0	0.5	20	-12.4	0.5	20	-11.7	1.1	20	-8.0	0.6	20	-9.1	0.9	20
FL0051.SBT.870615	10.04	999	999.9	999.999	999.9	999.999	999.9	999.999	999.9	999.999	999.9	999.999	999.999	999.9	999.999	999.999	999.9	999.999	999.999	999.9
FL0051.SBT.870615	8.48	20	-14.6	1.4	14	-6.1	0.4	17	-7.8	0.4	17	-6.2	0.8	17	-1.3	0.3	17	-7.5	0.4	17
FL0051.SBT.870615	8.58	32	-17.3	0.5	14	-7.5	0.4	17	-34.6	0.6	17	-9.2	0.7	17	-3.7	0.9	17	-6.3	0.7	17
FL0051.SBT.870615	9.08	43	-18.7	0.7	15	-12.2	0.4	18	-9.9	0.3	18	-10.1	1.2	18	-3.5	0.5	18	-7.7	0.4	18
FL0051.SBT.870615	9.23	50	-20.0	0.7	16	-12.1	0.5	18	-11.8	0.5	18	-11.6	1.0	18	-5.3	0.8	18	-8.0	0.8	18
FL0051.SBT.870615	9.33	70	-23.9	0.9	16	-17.9	1.0	19	-19.5	0.7	19	-15.6	0.7	19	-12.5	0.5	19	-13.6	0.9	19
FL0052.SBT.870615	8.25	20	-16.6	1.3	13	-16.0	0.4	17	-14.5	0.8	17	-9.6	1.0	17	-8.5	0.7	17	-10.1	0.6	17
FL0052.SBT.870615	8.37	31	-16.4	1.7	15	-11.5	0.6	19	-14.1	0.4	19	-11.6	1.1	19	-4.1	0.9	19	-8.6	1.0	19
FL0052.SBT.870615	9.44	40	-17.9	0.4	17	-10.9	0.4	19	-14.7	0.2	19	-11.0	1.2	19	-4.5	1.0	19	-9.7	0.4	19
FL0052.SBT.870615	9.54	51	-20.4	0.7	18	-14.0	0.5	20	-12.4	0.5	20	-11.7	1.1	20	-8.0	0.6	20	-9.1	0.9	20

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0052. SBT. 870615	10.04	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0052. SBT. 870615	8.48	20	-14.6	1.4	14	-6.1	0.4	17	-7.8	0.4	17	-6.2	0.8	17	-1.3	0.3	17	-7.5	0.4	17
FL0052. SBT. 870615	8.58	32	-17.3	0.5	14	-7.5	0.4	17	-34.6	0.6	17	-9.2	0.7	17	-3.7	0.9	17	-6.3	0.7	17
FL0052. SBT. 870615	9.08	43	-18.7	0.7	15	-12.2	0.4	18	-9.9	0.3	18	-10.1	1.2	18	-3.5	0.5	18	-7.7	0.4	18
FL0052. SBT. 870615	9.23	50	-20.0	0.7	16	-12.1	0.5	18	-11.8	0.5	18	-11.6	1.0	18	-5.3	0.8	18	-8.0	0.8	18
FL0052. SBT. 870615	9.33	70	-23.9	0.9	16	-17.9	1.0	19	-19.5	0.7	19	-15.6	0.7	19	-12.5	0.5	19	-13.6	0.9	19
FL0061. POT. 870615	8.25	20	-17.1	0.6	6	-16.4	0.5	10	-14.3	0.7	10	-10.5	1.2	10	-8.9	0.9	10	-9.5	1.2	10
FL0061. POT. 870615	8.37	32	-19.0	0.6	8	-11.2	0.8	11	-14.4	0.6	11	-12.3	0.9	11	-5.5	1.5	11	-9.0	1.2	11
FL0061. POT. 870615	9.44	42	-19.0	0.7	10	-10.3	0.4	12	-14.4	0.5	12	-12.3	1.0	12	-5.4	0.9	12	-10.4	0.8	12
FL0061. POT. 870615	9.54	50	-21.0	1.1	10	-14.2	0.3	12	-12.7	0.8	12	-13.0	0.8	12	-8.9	0.5	12	-10.1	0.8	12
FL0061. POT. 870615	10.04	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0061. POT. 870615	8.48	21	-15.1	0.4	7	-6.0	0.3	11	-7.7	0.3	11	-7.1	1.0	11	-1.6	0.3	11	-7.2	1.2	11
FL0061. POT. 870615	8.58	29	-17.2	0.4	9	-6.9	0.4	11	-34.6	0.6	11	-10.5	0.8	11	-4.8	0.8	11	-7.9	0.8	11
FL0061. POT. 870615	9.08	40	-19.4	0.4	10	-12.4	0.4	12	-10.4	0.4	12	-12.0	1.5	12	-3.6	0.6	12	-8.6	1.0	12
FL0061. POT. 870615	9.23	50	-19.8	0.6	11	-11.9	0.2	12	-13.0	0.5	12	-12.5	1.1	12	-6.0	0.8	12	-8.9	0.6	12
FL0061. POT. 870615	9.33	70	-24.4	0.4	9	-18.4	1.1	11	-19.9	0.6	11	-17.0	0.6	11	-13.5	0.7	11	-14.6	1.4	11
FL0062. POT. 870615	8.25	20	-14.0	0.9	22	-15.9	0.6	26	-13.8	0.6	26	-10.1	1.1	26	-9.1	1.1	26	-9.9	0.7	26
FL0062. POT. 870615	8.37	30	-17.7	0.6	24	-11.0	0.7	28	-14.2	0.3	28	-11.9	0.8	28	-4.4	0.9	28	-8.8	0.9	28
FL0062. POT. 870615	9.44	41	-19.0	0.6	26	-10.4	0.6	28	-14.3	0.5	28	-10.5	1.2	28	-4.8	0.7	28	-9.5	0.6	28
FL0062. POT. 870615	9.54	53	-20.4	0.8	27	-13.6	0.5	28	-12.6	0.5	28	-13.2	1.0	28	-8.3	0.8	28	-10.0	0.7	28
FL0062. POT. 870615	10.04	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0062. POT. 870615	8.48	20	-14.0	0.8	23	-6.3	0.4	26	-7.8	0.4	26	-8.5	1.0	26	-1.4	1.0	26	-8.8	0.9	26
FL0062. POT. 870615	8.58	30	-16.8	0.5	23	-6.8	0.4	26	-33.6	0.7	26	-8.8	0.9	26	-3.6	0.7	26	-6.3	0.4	26
FL0062. POT. 870615	9.08	41	-18.7	0.5	25	-11.8	0.4	27	-10.0	0.5	27	-11.5	1.3	27	-4.2	0.9	27	-8.4	0.9	27
FL0062. POT. 870615	9.23	50	-19.9	0.8	26	-11.9	0.4	27	-12.5	0.7	27	-12.4	0.9	27	-6.1	0.9	27	-9.0	0.9	27
FL0062. POT. 870615	9.33	74	999.9	999	999	999	16.2	1.0	26	-18.0	0.8	26	-17.3	0.6	26	-13.5	1.5	26	-15.7	1.7	26
FL0072. WHE. 870615	8.25	20	-10.4	1.0	25	-15.6	0.4	29	-15.6	0.8	29	999.9	999	999	-10.6	1.2	29	-12.3	1.4	29
FL0072. WHE. 870615	8.37	30	-11.9	1.0	27	-10.7	0.4	30	-15.5	0.5	30	999.9	999	999	-8.6	0.7	30	-11.8	0.7	30
FL0072. WHE. 870615	9.44	42	-16.2	0.7	29	-14.0	0.5	31	-16.7	0.6	31	999.9	999	999	-6.9	0.8	31	-12.0	0.6	31
FL0072. WHE. 870615	9.54	50	-18.8	1.0	30	-16.0	0.6	32	-15.3	0.6	32	-15.4	0.9	32	-9.6	0.9	32	-12.5	8.2	32
FL0072. WHE. 870615	10.04	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0072. WHE. 870615	8.48	19	-9.3	0.9	26	-8.2	0.5	29	-12.5	0.5	29	999.9	999	999	-4.7	0.8	29	-10.8	1.5	29
FL0072. WHE. 870615	8.58	30	-14.7	0.6	26	-10.1	0.9	28	-42.1	0.8	28	999.9	999	999	-6.1	1.2	28	-9.5	0.9	28
FL0072. WHE. 870615	9.08	41	-15.9	0.9	28	-14.2	0.4	31	-11.6	0.4	31	999.9	999	999	-7.2	0.8	31	-10.9	0.8	31
FL0072. WHE. 870615	9.23	51	-17.8	1.1	28	-14.7	0.5	30	-12.2	0.4	30	-16.4	1.3	30	-7.9	0.8	30	-10.4	0.7	30
FL0072. WHE. 870615	9.33	70	-23.9	3.6	11	-18.7	0.9	14	-20.3	0.6	14	-17.7	0.5	14	-13.5	0.7	14	-15.2	0.9	14
FL0091. POT. 870615	8.25	20	-14.3	0.8	14	-16.4	0.9	17	-15.0	1.2	17	-10.8	1.1	17	-9.0	1.5	17	-10.5	1.2	17
FL0091. POT. 870615	8.37	29	-18.1	0.6	15	-11.2	0.6	19	-14.4	0.3	19	-11.6	1.3	19	-2.6	0.8	19	-8.9	0.8	19
FL0091. POT. 870615	9.44	41	-19.6	0.8	17	-10.1	0.2	19	-14.3	0.3	19	-11.6	1.0	19	-5.5	0.5	19	-10.0	0.5	19
FL0091. POT. 870615	9.54	49	-21.2	0.6	19	-14.3	0.2	20	-11.5	0.6	20	-12.7	0.8	20	-9.0	0.6	20	-31.6	0.7	20
FL0091. POT. 870615	10.04	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0091. POT. 870615	8.48	22	-15.4	0.8	14	-6.2	0.4	17	-8.3	0.4	17	999.9	999	999	-2.1	0.9	17	-8.0	0.9	17
FL0091. POT. 870615	8.58	30	-17.5	0.5	16	-7.3	0.5	18	-34.3	0.9	18	-9.9	1.5	18	-3.5	0.6	18	-6.9	0.6	18
FL0091. POT. 870615	9.08	40	-19.5	0.8	17	-11.9	0.3	19	-9.9	0.5	19	-11.4	1.2	19	-3.9	0.7	19	-8.2	0.7	19
FL0091. POT. 870615	9.23	50	999.9	999	999	-11.9	0.4	19	-11.9	0.4	19	-13.1	0.9	19	-6.1	0.6	19	-9.6	1.0	19
FL0091. POT. 870615	9.33	71	-24.2	0.7	10	-16.5	1.3	18	-18.8	0.8	18	-17.3	0.6	18	-13.1	0.8	18	-15.5	1.0	18
FL0100. POT. 870615	8.25	20	-14.0	0.7	15	-16.0	0.5	20	-14.3	1.0	20	-9.5	1.0	20	-9.1	1.2	20	-9.7	1.2	20
FL0100. POT. 870615	8.37	31	-17.6	1.0	18	-10.9	0.7	20	-14.4	0.4	20	-11.6	1.3	20	-2.4	1.0	20	-8.5	0.9	20
FL0100. POT. 870615	9.44	40	-19.2	0.6	19	-10.6	0.3	22	-14.5	0.4	22	-10.8	0.9	22	-5.2	0.7	22	-9.9	0.6	22
FL0100. POT. 870615	9.54	53	-20.1	0.8	20	-13.5	0.3	22	-10.6	0.3	22	-13.4	1.1	22	-8.6	0.5	22	-33.0	0.9	22
FL0100. POT. 870615	10.04	69	-21.8	0.0	1	-20.2	0.1	2	-15.3	0.4	2	-17.7	0.8	2	-15.2	0.1	2	-14.8	0.2	2
FL0100. POT. 870615	8.48	20	-14.4	0.6	17	-6.4	0.4	20	-7.9	0.5	20	999.9	999	999	-1.2	1.1	20	-8.1	0.9	20
FL0100. POT. 870615	8.58	32	-16.9	0.4	17	-7.2	0.6	20	999.9	999	999	-10.3	0.7	20	-3.3	0.9	20	-6.9	1.0	20
FL0100. POT. 870615	9.08	41	-19.1	0.6	19	-12.2	0.4	21	-10.4	0.3	21	-11.9	1.3	21	-3.3	1.3	21	-8.3	0.8	21

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0100.POT.870615	9.23	50	-19.5	0.7	18	-11.5	0.3	20	-11.4	0.3	20	-11.7	0.9	20	-6.0	0.6	20	-8.5	0.6	20
FL0100.POT.870615	9.33	72	-25.1	4.8	18	-17.3	1.0	21	-19.1	0.3	21	-17.9	0.6	21	-13.5	0.6	21	-15.2	1.0	21
FL0113.WHE.870615	8.25	19	999.9	999	999	-16.0	0.3	3	-15.2	0.7	3	-12.8	1.4	3	-10.0	0.7	3	-11.2	0.3	3
FL0113.WHE.870615	8.37	33	-16.3	0.7	2	-10.7	0.2	4	-16.1	0.4	4	-14.2	0.9	4	-4.6	0.4	4	-10.8	0.7	4
FL0113.WHE.870615	9.44	41	-18.9	0.5	3	-13.6	0.4	5	-16.0	0.3	5	-14.4	1.0	5	-6.7	0.5	5	-11.1	0.6	5
FL0113.WHE.870615	9.54	49	-20.4	0.1	3	-15.7	0.3	5	-11.5	0.3	5	-14.9	0.9	5	-9.5	0.2	5	-33.0	0.1	5
FL0113.WHE.870615	10.04	72	-32.2	0.0	1	-17.4	0.5	4	-13.6	0.8	4	-16.6	0.8	4	-13.2	0.5	4	-13.8	0.8	4
FL0113.WHE.870615	8.48	22	999.9	999	999	-8.7	0.4	3	-10.6	0.6	3	999.9	999	999	-2.8	1.2	3	-8.2	2.1	3
FL0113.WHE.870615	8.58	34	-16.8	0.3	3	-11.1	0.6	5	-14.9	0.3	5	-14.2	1.0	5	-5.9	0.8	5	-8.7	1.0	5
FL0113.WHE.870615	9.08	43	-18.9	0.4	4	-13.9	0.4	5	-10.6	0.3	5	-15.0	1.1	5	-5.7	0.8	5	-9.5	0.8	5
FL0113.WHE.870615	9.23	56	-19.9	0.5	3	-13.8	0.5	5	-10.7	0.4	5	-16.6	1.5	5	-7.1	0.2	5	-9.2	0.6	5
FL0113.WHE.870615	9.33	70	999.9	999	999	-19.1	0.4	5	-20.0	0.5	5	-16.9	0.4	5	-13.6	0.4	5	-14.7	1.7	5
FL0114.WHE.870615	8.25	19	-12.9	0.2	2	-16.0	0.4	6	-16.9	1.6	6	999.9	999	999	-9.5	0.6	6	-10.3	1.5	6
FL0114.WHE.870615	8.37	29	-14.8	0.9	3	-11.2	0.5	6	-16.3	0.7	6	-14.8	1.7	6	-4.5	1.1	6	-11.1	0.7	6
FL0114.WHE.870615	9.44	42	-19.1	0.5	5	-13.5	0.5	7	-16.1	0.5	7	-15.6	1.3	7	-6.0	0.6	7	-11.2	0.7	7
FL0114.WHE.870615	9.54	51	-20.7	0.5	5	-14.5	0.3	7	-11.4	0.6	7	-16.3	1.5	7	-9.3	1.0	7	-34.2	0.6	7
FL0114.WHE.870615	10.04	73	-31.5	1.6	2	-17.5	0.7	6	-13.7	0.9	6	-17.0	0.5	6	-13.5	1.1	6	-13.5	0.5	6
FL0114.WHE.870615	8.48	23	-13.6	0.6	2	-9.9	0.7	5	-12.0	0.7	5	999.9	999	999	-2.1	1.0	5	-8.6	1.0	5
FL0114.WHE.870615	8.58	28	-17.9	0.3	4	-10.2	0.6	7	-14.9	0.4	7	-13.7	0.9	7	-6.7	0.8	7	-8.8	0.7	7
FL0114.WHE.870615	9.08	44	-18.7	0.4	4	-14.1	0.5	6	-11.0	0.5	6	999.9	999	999	-5.8	0.7	6	-10.0	1.0	6
FL0114.WHE.870615	9.23	59	-20.8	0.6	4	-12.0	0.3	7	-10.4	0.4	7	999.9	999	999	-7.5	0.6	7	-10.5	0.5	7
FL0114.WHE.870615	9.33	71	-36.6	0.1	4	-17.5	0.5	7	-19.5	0.5	7	-17.4	0.5	7	-12.5	0.5	7	-13.6	0.2	7
FL0115.WHE.870615	8.25	20	999.9	999	999	-15.7	0.2	2	-17.1	0.6	2	999.9	999	999	-12.2	0.4	2	-11.1	1.1	2
FL0115.WHE.870615	8.37	27	999.9	999	999	-10.8	0.2	3	-16.6	0.5	3	-14.2	0.6	3	-4.8	0.5	3	-11.3	0.3	3
FL0115.WHE.870615	9.44	42	999.9	999	999	-13.2	0.5	2	-15.9	0.4	2	-16.7	1.1	2	-6.0	0.8	2	-11.7	0.4	2
FL0115.WHE.870615	9.54	52	999.9	999	999	-14.8	0.6	3	-12.1	0.9	3	-15.1	0.9	3	-9.8	1.0	3	-33.8	0.7	3
FL0115.WHE.870615	10.04	71	999.9	999	999	-19.1	1.3	2	-14.6	0.7	2	-16.6	0.4	2	-14.2	0.6	2	-13.3	1.1	2
FL0115.WHE.870615	8.48	21	999.9	999	999	-9.6	0.0	1	-12.7	0.0	1	999.9	999	999	-4.1	0.0	1	-9.9	0.0	1
FL0115.WHE.870615	8.58	29	999.9	999	999	-10.5	0.6	3	-16.0	0.6	3	-15.4	0.1	3	-7.5	0.7	3	-9.9	1.1	3
FL0115.WHE.870615	9.08	43	999.9	999	999	-13.7	0.3	2	-10.9	0.0	2	999.9	999	999	-6.5	0.4	2	-9.9	0.1	2
FL0115.WHE.870615	9.23	56	999.9	999	999	-12.5	0.2	3	-11.3	0.5	3	-18.0	0.5	3	-8.0	1.1	3	-11.6	0.6	3
FL0115.WHE.870615	9.33	71	999.9	999	999	-16.9	0.1	2	-19.7	0.6	2	-16.9	0.4	2	-12.8	0.4	2	-13.5	0.2	2
FL0121.SBT.870615	8.25	21	-16.4	1.1	5	-15.7	0.8	10	-13.6	0.9	10	-6.6	1.2	10	-9.4	0.4	10	-7.7	1.5	10
FL0121.SBT.870615	8.37	32	-15.5	1.1	25	-10.8	0.6	28	-14.3	0.6	28	-10.8	0.7	28	-2.4	1.1	28	-8.6	0.8	28
FL0121.SBT.870615	9.44	40	-19.1	0.6	27	-10.9	0.3	29	-14.9	0.4	29	-10.4	1.1	29	-5.2	0.6	29	-10.1	0.6	29
FL0121.SBT.870615	9.54	50	-20.0	0.9	27	-13.8	0.8	29	-10.5	0.7	29	-11.6	0.8	29	-7.8	0.3	29	-30.0	1.0	29
FL0121.SBT.870615	10.04	72	-22.5	5.7	31	-17.0	1.0	34	-14.2	0.9	34	-14.8	0.8	34	-12.6	0.6	34	-11.6	1.2	34
FL0121.SBT.870615	8.48	19	-16.0	0.4	6	-6.6	0.4	9	-8.0	0.5	9	999.9	999	999	-1.2	0.8	9	-7.4	1.0	9
FL0121.SBT.870615	8.58	30	-17.5	0.7	25	-7.5	0.5	28	-13.0	0.4	28	-9.0	1.2	28	-3.9	0.9	28	-6.5	0.7	28
FL0121.SBT.870615	9.08	42	-18.8	0.6	27	-11.8	0.3	29	-10.1	0.6	29	-10.2	0.8	29	-3.8	0.7	29	-8.0	0.9	29
FL0121.SBT.870615	9.23	51	-19.7	0.6	26	-11.8	0.4	28	-12.0	0.6	28	-11.5	0.9	28	-5.6	0.7	28	-8.4	0.5	28
FL0121.SBT.870615	9.33	71	-25.6	5.5	25	-17.4	1.3	29	-19.2	0.9	29	-14.7	0.7	29	-12.4	0.8	29	-13.5	1.0	29
FL0122.SBT.870615	8.25	22	-16.4	0.8	11	-15.1	0.4	15	-13.5	0.5	15	-7.6	0.9	15	-9.3	0.4	15	-9.1	0.9	15
FL0122.SBT.870615	8.37	32	-15.5	1.1	25	-10.8	0.6	28	-14.3	0.6	28	-10.8	0.7	28	-2.4	1.1	28	-8.6	0.8	28
FL0122.SBT.870615	9.44	40	-19.1	0.6	27	-10.9	0.3	29	-14.9	0.4	29	-10.4	1.1	29	-5.2	0.6	29	-10.1	0.6	29
FL0122.SBT.870615	9.54	50	-20.0	0.9	27	-13.8	0.8	29	-10.5	0.7	29	-11.6	0.8	29	-7.8	0.3	29	-30.0	1.0	29
FL0122.SBT.870615	10.04	72	-22.5	5.7	31	-17.0	1.0	34	-14.2	0.9	34	-14.8	0.8	34	-12.6	0.6	34	-11.6	1.2	34
FL0122.SBT.870615	8.48	21	-16.3	0.6	11	-6.5	0.3	15	-8.0	0.4	15	999.9	999	999	0.0	0.7	15	-7.5	0.9	15
FL0122.SBT.870615	8.58	30	-17.5	0.7	25	-7.5	0.5	28	-13.0	0.4	28	-9.0	1.2	28	-3.9	0.9	28	-6.5	0.7	28
FL0122.SBT.870615	9.08	42	-18.8	0.6	27	-11.8	0.3	29	-10.1	0.6	29	-10.2	0.8	29	-3.8	0.7	29	-8.0	0.9	29
FL0122.SBT.870615	9.23	51	-19.7	0.6	26	-11.8	0.4	28	-12.0	0.6	28	-11.5	0.9	28	-5.6	0.7	28	-8.4	0.5	28
FL0122.SBT.870615	9.33	71	-25.6	5.5	25	-17.4	1.3	29	-19.2	0.9	29	-14.7	0.7	29	-12.4	0.8	29	-13.5	1.0	29
FL0130.SBT.870615	8.25	19	-14.7	1.0	28	-15.7	0.5	33	-13.7	0.5	33	-7.0	1.2	33	-8.6	0.6	33	-8.7	0.9	33
FL0130.SBT.870615	8.37	29	-14.8	0.8	27	-10.5	0.4	30	-13.9	0.3	30	-8.7	0.9	30	-2.4	0.9	30	-7.6	0.5	30

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0130.SBT.870615	9.44	40	-18.2	0.4	29	-10.6	0.3	32	-14.7	0.5	32	-9.3	1.0	32	-4.7	0.7	32	-9.6	0.9	32
FL0130.SBT.870615	9.54	51	-19.8	0.7	30	-13.9	0.5	33	-11.0	0.6	33	-10.6	0.7	33	-8.2	0.4	33	-28.5	1.1	33
FL0130.SBT.870615	10.04	72	-23.4	7.7	27	-16.5	0.6	29	-13.6	0.7	29	-13.5	0.6	29	-12.1	0.6	29	-11.1	0.8	29
FL0130.SBT.870615	8.48	20	-14.4	0.9	27	-6.3	0.3	30	-8.0	0.4	30	999.9	999	999	-1.3	0.5	30	-7.7	0.7	30
FL0130.SBT.870615	8.58	30	-16.5	0.5	28	-7.2	0.4	30	-12.8	0.3	30	-7.8	1.0	30	-3.9	0.5	30	-6.2	0.8	30
FL0130.SBT.870615	9.08	40	-17.6	0.6	30	-12.2	0.5	31	-10.2	0.3	31	-9.8	0.7	31	-2.1	0.9	31	-7.0	1.0	31
FL0130.SBT.870615	9.23	50	-18.8	0.7	29	-11.7	0.5	31	-11.4	0.5	31	-9.6	0.6	31	-5.3	0.6	31	-7.4	0.6	31
FL0130.SBT.870615	9.33	72	-27.0	9.3	26	-16.2	0.9	30	-17.9	1.0	30	-12.9	0.8	30	-11.0	0.8	30	-12.5	1.3	30
FL0140.POT.870615	8.25	22	-14.7	0.9	23	-15.5	0.3	28	-13.9	0.5	28	-9.1	1.6	28	-9.0	0.8	28	-8.9	1.4	28
FL0140.POT.870615	8.37	29	-16.8	0.6	25	-10.6	0.2	28	-14.2	0.3	28	-9.8	0.6	28	-3.3	0.2	28	-8.1	0.5	28
FL0140.POT.870615	9.44	38	-19.2	0.4	27	-10.7	0.3	29	-14.6	0.4	29	-10.7	1.0	29	-5.3	0.6	29	-9.9	0.8	29
FL0140.POT.870615	9.54	50	-20.5	0.6	28	-14.1	0.4	30	-11.3	0.6	30	-13.6	1.1	30	-8.4	0.8	30	-32.3	1.0	30
FL0140.POT.870615	10.04	72	-24.9	9.4	25	-16.7	1.8	28	-14.6	1.4	28	-17.2	1.3	28	-13.8	1.1	28	-14.3	1.1	28
FL0140.POT.870615	8.48	20	-14.5	0.5	24	-6.6	0.6	27	-8.0	0.5	27	999.9	999	999	-1.0	1.0	27	-7.9	1.1	27
FL0140.POT.870615	8.58	30	-17.4	0.3	25	-6.8	0.4	28	-13.0	0.4	28	-9.6	1.1	28	-4.5	0.7	28	-6.5	1.2	28
FL0140.POT.870615	9.08	40	-19.0	0.5	28	-12.3	0.3	30	-10.2	0.3	30	-11.2	1.2	30	-3.4	0.7	30	-8.0	0.7	30
FL0140.POT.870615	9.23	47	-19.6	0.4	27	-12.0	0.5	29	-11.9	0.7	29	-12.2	1.0	29	-6.2	0.6	29	-8.9	0.7	29
FL0140.POT.870615	9.33	72	999.9	999	999	-16.6	1.3	28	-18.5	1.0	28	-17.3	0.6	28	-13.2	0.6	28	-15.9	0.9	28
FL0151.WHE.870615	8.25	21	-13.9	0.7	3	-15.6	0.2	6	-14.3	0.8	6	-11.8	1.3	6	-10.8	0.7	6	-11.1	1.2	6
FL0151.WHE.870615	8.37	31	-14.8	0.6	5	-11.0	0.6	8	-15.1	0.5	8	-12.6	1.2	8	-3.9	0.7	8	-9.3	1.1	8
FL0151.WHE.870615	9.44	38	-20.7	0.6	5	-12.7	0.4	8	-15.7	0.5	8	-13.8	0.9	8	-7.1	0.5	8	-11.2	0.4	8
FL0151.WHE.870615	9.54	49	-21.6	0.6	18	-15.4	0.3	20	-11.8	0.5	20	-15.0	1.3	20	-9.7	0.6	20	-33.4	1.1	20
FL0151.WHE.870615	10.04	70	-29.9	4.9	17	-19.0	1.3	21	-16.3	0.8	21	-17.2	0.9	21	-14.6	0.8	21	-13.5	0.9	21
FL0151.WHE.870615	8.48	21	-16.0	0.8	3	-8.7	0.6	7	-10.5	0.4	7	999.9	999	999	-2.9	0.8	7	-8.3	0.6	7
FL0151.WHE.870615	8.58	28	-17.8	0.3	5	-10.2	0.5	8	-14.3	0.5	8	-13.6	0.8	8	-6.6	0.6	8	-8.9	0.3	8
FL0151.WHE.870615	9.08	40	-19.8	0.7	6	-14.1	0.5	8	-11.0	0.5	8	-15.0	1.7	8	-5.1	1.0	8	-9.7	0.9	8
FL0151.WHE.870615	9.23	50	-20.9	0.6	18	-13.6	0.4	19	-11.7	0.5	19	-15.1	1.5	19	-7.1	0.7	19	-9.6	0.8	19
FL0151.WHE.870615	9.33	69	-28.4	3.4	17	-19.5	0.7	20	-20.2	0.5	20	-16.7	0.7	20	-13.6	0.5	20	-14.5	0.7	20
FL0152.WHE.870615	8.25	22	-13.6	0.3	3	-15.6	0.4	8	-14.8	0.5	8	999.9	999	999	-10.7	0.7	8	-11.4	0.8	8
FL0152.WHE.870615	8.37	30	-13.5	0.5	6	-11.4	0.5	8	-15.5	0.3	8	-14.2	1.1	8	-2.9	0.9	8	-10.0	1.1	8
FL0152.WHE.870615	9.44	42	-20.2	0.8	7	-13.5	0.8	9	-15.8	0.6	9	-15.7	1.2	9	-7.0	1.0	9	-11.6	0.9	9
FL0152.WHE.870615	9.54	49	-21.6	0.6	18	-15.4	0.3	20	-11.8	0.5	20	-15.0	1.3	20	-9.7	0.6	20	-33.4	1.1	20
FL0152.WHE.870615	10.04	70	-29.9	4.9	17	-19.0	1.3	21	-16.3	0.8	21	-17.2	0.9	21	-14.6	0.8	21	-13.5	0.9	21
FL0152.WHE.870615	8.48	19	-15.1	0.6	4	-8.9	0.4	8	-11.1	0.8	8	999.9	999	999	-3.5	0.8	8	-9.8	1.0	8
FL0152.WHE.870615	8.58	30	-18.1	0.2	6	-10.8	0.7	8	-14.3	0.5	8	-13.3	1.3	8	-6.0	0.5	8	-8.7	0.5	8
FL0152.WHE.870615	9.08	39	-20.3	0.3	6	-15.1	0.7	9	-11.2	0.2	9	999.9	999	999	-5.1	0.6	9	-9.6	1.0	9
FL0152.WHE.870615	9.23	50	-20.9	0.6	18	-13.6	0.4	19	-11.7	0.5	19	-15.1	1.5	19	-7.1	0.7	19	-9.6	0.8	19
FL0152.WHE.870615	9.33	69	-28.4	3.4	17	-19.5	0.7	20	-20.2	0.5	20	-16.7	0.7	20	-13.6	0.5	20	-14.5	0.7	20
FL0171.COR.870615	8.25	18	999.9	999	999	-18.3	0.0	1	-14.9	0.0	1	-9.8	0.0	1	-10.8	0.0	1	-10.3	0.0	1
FL0171.COR.870615	8.37	29	999.9	999	999	-12.6	1.0	3	-14.9	0.3	3	-12.6	1.0	3	-4.0	0.3	3	-9.7	0.5	3
FL0171.COR.870615	9.44	39	999.9	999	999	-12.7	0.5	2	-15.6	0.4	2	-16.0	0.1	2	-7.1	0.8	2	-9.7	2.5	2
FL0171.COR.870615	9.54	51	-23.6	0.0	1	-14.4	0.5	3	-15.7	0.5	3	-18.2	0.2	3	-9.4	1.0	3	-13.2	0.3	3
FL0171.COR.870615	10.04	67	999.9	999	999	-20.4	0.4	3	-16.1	0.3	3	-21.0	0.8	3	-16.3	0.2	3	-16.1	0.4	3
FL0171.COR.870615	8.48	23	999.9	999	999	-9.1	1.2	3	-10.1	0.4	3	999.9	999	999	-1.6	0.8	3	-8.2	1.4	3
FL0171.COR.870615	8.58	28	999.9	999	999	-10.1	0.4	2	-14.7	0.5	2	-13.5	0.0	2	-6.0	1.1	2	-9.7	0.4	2
FL0171.COR.870615	9.08	41	999.9	999	999	-12.9	0.2	2	-10.4	0.0	2	999.9	999	999	-6.3	0.6	2	-10.3	1.0	2
FL0171.COR.870615	9.23	49	999.9	999	999	-12.7	0.4	2	-12.9	0.0	2	-18.8	0.1	2	-7.7	0.8	2	-11.5	1.6	2
FL0171.COR.870615	9.33	70	999.9	999	999	-18.7	0.6	2	-20.7	0.4	2	-19.9	1.7	2	-15.7	1.6	2	-17.4	0.2	2
FL0180.POT.870615	8.25	21	-15.0	1.8	19	-16.0	0.9	23	-13.5	1.0	23	-7.9	1.1	23	-9.3	0.7	23	-11.1	3.9	23
FL0180.POT.870615	8.37	32	-15.4	0.6	19	-9.7	0.4	22	-13.6	0.4	22	-10.4	1.0	22	-4.5	0.9	22	-8.2	0.5	22
FL0180.POT.870615	9.44	41	-18.5	0.4	20	-10.3	0.4	22	-14.8	0.4	22	-12.3	0.9	22	-5.2	1.0	22	-10.2	0.8	22
FL0180.POT.870615	9.54	54	-19.5	0.7	21	-13.4	0.4	23	-12.5	0.4	23	-13.4	0.9	23	-8.4	0.6	23	-9.7	0.6	23
FL0180.POT.870615	10.04	73	-27.5	9.2	18	-15.9	0.9	22	-12.7	0.8	22	-16.9	0.6	22	-13.5	0.6	22	-14.3	0.9	22
FL0180.POT.870615	8.48	19	-13.4	0.6	18	-6.6	0.5	21	-7.6	0.4	21	999.9	999	999	-0.8	0.9	21	-8.0	0.7	21

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0180. POT. 870615	8.58	32	-16.3	0.4	19	-7.0	0.5	21	-12.8	0.3	21	-9.5	0.8	21	-3.1	0.9	21	-6.5	0.7	21
FL0180. POT. 870615	9.08	40	-18.6	0.6	21	-12.1	0.3	23	-11.0	0.9	23	-10.5	1.4	23	-3.8	0.9	23	-8.3	0.5	23
FL0180. POT. 870615	9.23	49	-19.1	0.7	21	-12.2	0.4	22	-12.1	0.7	22	-12.5	0.9	22	-6.0	0.7	22	-8.9	0.7	22
FL0180. POT. 870615	9.33	72	-27.2	8.7	19	-17.3	1.1	22	-18.9	1.0	22	-17.5	0.7	22	-15.9	3.1	22	-16.2	1.0	22
FL0191. SBT. 870615	8.25	22	-17.2	1.1	16	-17.5	0.7	19	-14.5	0.7	19	-7.4	1.2	19	-9.7	0.7	19	-11.9	4.3	19
FL0191. SBT. 870615	8.37	30	-15.6	0.6	19	-10.2	0.6	22	-13.4	0.5	22	-9.2	1.0	22	-3.4	1.1	22	-7.4	0.9	22
FL0191. SBT. 870615	9.44	41	-17.5	0.7	21	-10.6	0.4	22	-14.5	0.3	22	-9.7	1.1	22	-4.2	0.7	22	-9.2	0.8	22
FL0191. SBT. 870615	9.54	51	-20.2	0.7	22	-14.0	0.4	24	-11.7	1.1	24	-11.2	1.1	24	-8.0	0.6	24	-9.0	0.4	24
FL0191. SBT. 870615	10.04	71	-22.7	5.8	9	-17.5	0.7	10	-13.6	1.1	10	-14.2	0.7	10	-12.5	0.9	10	-11.5	0.5	10
FL0191. SBT. 870615	8.48	20	-14.7	0.5	17	-6.5	0.3	22	-7.5	0.4	22	-5.9	1.2	22	-0.7	1.0	22	-7.4	0.8	22
FL0191. SBT. 870615	8.58	29	-17.1	0.7	19	-7.3	0.5	21	-12.8	0.4	21	-8.0	0.7	21	-3.5	0.9	21	-6.1	0.7	21
FL0191. SBT. 870615	9.08	40	-17.4	0.5	21	-12.3	0.5	23	-10.9	0.9	23	-9.7	1.0	23	-2.8	0.9	23	-7.4	1.2	23
FL0191. SBT. 870615	9.23	55	-18.9	1.0	19	-11.1	0.4	21	-10.5	0.5	21	-11.0	1.4	21	-5.3	0.5	21	-7.5	0.6	21
FL0191. SBT. 870615	9.33	67	-24.5	1.1	21	-20.1	1.2	23	-21.1	0.6	23	-15.6	0.7	23	-13.9	0.6	23	-14.4	1.1	23
FL0192. SBT. 870615	8.25	22	-17.2	1.1	16	-17.5	0.7	19	-14.5	0.7	19	-7.4	1.2	19	-9.7	0.7	19	-11.9	4.3	19
FL0192. SBT. 870615	8.37	30	-15.6	0.6	19	-10.2	0.6	22	-13.4	0.5	22	-9.2	1.0	22	-3.4	1.1	22	-7.4	0.9	22
FL0192. SBT. 870615	9.44	41	-17.5	0.7	21	-10.6	0.4	22	-14.5	0.3	22	-9.7	1.1	22	-4.2	0.7	22	-9.2	0.8	22
FL0192. SBT. 870615	9.54	51	-20.2	0.7	22	-14.0	0.4	24	-11.7	1.1	24	-11.2	1.1	24	-8.0	0.6	24	-9.0	0.4	24
FL0192. SBT. 870615	10.04	71	-22.7	5.8	9	-17.5	0.7	10	-13.6	1.1	10	-14.2	0.7	10	-12.5	0.9	10	-11.5	0.5	10
FL0192. SBT. 870615	8.48	20	-14.7	0.5	17	-6.5	0.3	22	-7.5	0.4	22	-5.9	1.2	22	-0.7	1.0	22	-7.4	0.8	22
FL0192. SBT. 870615	8.58	29	-17.1	0.7	19	-7.3	0.5	21	-12.8	0.4	21	-8.0	0.7	21	-3.5	0.9	21	-6.1	0.7	21
FL0192. SBT. 870615	9.08	40	-17.4	0.5	21	-12.3	0.5	23	-10.9	0.9	23	-9.7	1.0	23	-2.8	0.9	23	-7.4	1.2	23
FL0192. SBT. 870615	9.23	55	-18.9	1.0	19	-11.1	0.4	21	-10.5	0.5	21	-11.0	1.4	21	-5.3	0.5	21	-7.5	0.6	21
FL0192. SBT. 870615	9.33	67	-24.5	1.1	21	-20.1	1.2	23	-21.1	0.6	23	-15.6	0.7	23	-13.9	0.6	23	-14.4	1.1	23
FL0201. WHE. 870615	8.25	18	999.9	999	999	-16.9	0.7	3	-15.4	0.7	3	-10.4	0.5	3	-12.1	0.4	3	-11.5	0.3	3
FL0201. WHE. 870615	8.37	28	-12.4	0.1	2	-10.0	0.3	4	-14.0	0.3	4	-11.0	0.4	4	-4.9	0.4	4	-8.7	0.6	4
FL0201. WHE. 870615	9.44	41	-17.8	0.7	3	-11.9	0.5	5	-15.4	0.5	5	-14.1	1.2	5	-5.6	0.9	5	-10.9	1.0	5
FL0201. WHE. 870615	9.54	51	-19.8	0.6	3	-14.7	0.3	6	-14.2	0.5	6	-14.2	1.1	6	-8.8	0.7	6	-10.4	0.4	6
FL0201. WHE. 870615	10.04	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0201. WHE. 870615	8.48	21	999.9	999	999	-7.2	0.3	4	-8.5	0.4	4	-9.7	0.6	4	-2.9	0.7	4	-8.2	0.5	4
FL0201. WHE. 870615	8.58	29	-15.8	0.2	2	-8.0	0.6	4	-13.4	0.3	4	-11.6	0.8	4	-5.4	0.8	4	-8.2	0.4	4
FL0201. WHE. 870615	9.08	43	-17.7	0.7	3	-12.5	0.2	4	-9.9	0.3	4	-13.3	1.2	4	-5.4	0.8	4	-9.2	0.5	4
FL0201. WHE. 870615	9.23	53	-18.3	0.6	3	-12.5	0.3	5	-11.7	0.5	5	-15.7	1.3	5	-7.0	0.5	5	-10.7	0.4	5
FL0201. WHE. 870615	9.33	66	-25.2	0.0	1	-20.8	0.5	4	-21.8	0.4	4	-18.2	0.9	4	-15.0	0.4	4	-15.9	0.3	4
FL0202. WHE. 870615	8.25	16	999.9	999	999	-18.0	0.5	2	-16.5	0.8	2	-14.3	0.1	2	-11.8	0.1	2	-11.5	1.2	2
FL0202. WHE. 870615	8.37	29	999.9	999	999	-11.1	0.2	3	-15.0	0.2	3	-13.4	0.7	3	-5.2	0.6	3	-9.9	0.5	3
FL0202. WHE. 870615	9.44	42	999.9	999	999	-13.1	0.4	3	-16.2	0.2	3	-16.4	0.3	3	-6.6	0.4	3	-12.8	0.4	3
FL0202. WHE. 870615	9.54	50	-20.7	0.2	2	-15.4	0.2	4	-14.7	0.5	4	-15.2	0.7	4	-9.4	0.9	4	-11.0	0.2	4
FL0202. WHE. 870615	10.04	71	-34.5	1.6	4	-17.5	0.5	6	-13.8	0.5	6	-17.1	0.3	6	-13.5	0.4	6	-13.0	0.6	6
FL0202. WHE. 870615	8.48	20	999.9	999	999	-8.3	0.3	3	-10.0	0.7	3	999.9	999	999	-3.4	0.7	3	-8.8	0.5	3
FL0202. WHE. 870615	8.58	29	-16.9	0.0	1	-9.7	0.1	3	-14.4	0.3	3	-13.1	1.4	3	-6.3	0.3	3	-8.7	0.7	3
FL0202. WHE. 870615	9.08	41	-18.7	0.3	2	-13.5	0.5	4	-10.7	0.1	4	999.9	999	999	-6.3	1.2	4	-11.2	0.8	4
FL0202. WHE. 870615	9.23	51	-19.8	0.6	2	-14.2	0.1	3	-12.0	0.1	3	-14.5	0.4	3	-7.3	0.5	3	-10.1	0.4	3
FL0202. WHE. 870615	9.33	70	999.9	999	999	-17.7	0.6	3	-19.1	0.8	3	-17.8	0.9	3	-15.0	1.2	3	-17.5	1.2	3
FL0210. BEA. 870615	8.25	21	-22.2	1.3	7	-17.9	0.8	9	-14.9	0.8	9	-9.5	0.8	9	-10.5	1.1	9	-10.7	0.9	9
FL0210. BEA. 870615	8.37	30	-23.3	1.1	8	-10.4	0.3	12	-14.3	0.4	12	-12.3	1.0	12	-6.0	1.1	12	-10.3	0.3	12
FL0210. BEA. 870615	9.44	40	-22.0	0.6	10	-11.1	0.3	12	-14.4	0.2	12	-12.5	0.8	12	-5.7	0.5	12	-10.5	0.5	12
FL0210. BEA. 870615	9.54	51	-24.0	0.7	11	-13.5	0.4	13	-12.2	0.6	13	-15.1	0.8	13	-9.3	0.7	13	-10.9	0.8	13
FL0210. BEA. 870615	10.04	73	-35.7	5.4	9	-16.3	1.3	13	-12.9	1.0	13	-16.1	1.1	13	-14.2	0.9	13	-14.7	1.0	13
FL0210. BEA. 870615	8.48	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0210. BEA. 870615	8.58	29	-22.4	1.1	9	-9.1	0.5	11	-13.3	0.4	11	-12.2	1.7	11	-4.6	0.9	11	-7.9	0.6	11
FL0210. BEA. 870615	9.08	39	-23.1	0.6	10	-12.1	0.5	12	-10.0	0.3	12	-13.5	1.1	12	-4.2	0.9	12	-8.5	1.1	12
FL0210. BEA. 870615	9.23	49	-22.8	0.6	10	-11.5	0.3	12	-11.4	0.4	12	-13.1	0.8	12	-6.9	0.9	12	-9.1	0.5	12
FL0210. BEA. 870615	9.33	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0010.BAR.870706	8.35	19	-14.1	0.9	137	-7.6	0.6	141	-11.0	0.5	141	999.9	999.9	999	-8.0	1.0	141	-14.3	1.1	141
FL0010.BAR.870706	8.45	29	-17.8	0.8	134	-10.4	0.5	137	-13.7	0.4	137	999.9	999.9	999	-8.2	0.9	137	-14.2	1.0	137
FL0010.BAR.870706	8.55	40	-17.4	1.3	136	-9.3	0.6	137	-8.9	1.8	137	999.9	999.9	999	-9.2	0.9	137	-15.7	1.0	137
FL0010.BAR.870706	9.05	49	-37.6	0.3	138	-31.9	1.0	140	-29.4	1.1	140	999.9	999.9	999	-20.5	1.1	140	-19.8	1.3	140
FL0010.BAR.870706	9.14	70	-36.1	1.0	139	-29.6	2.5	141	-28.4	0.8	141	999.9	999.9	999	-20.8	1.7	141	-20.8	1.6	141
FL0010.BAR.870706	9.32	20	-14.6	0.9	132	-9.4	0.6	136	-13.1	0.6	136	999.9	999.9	999	-10.0	2.0	136	-14.7	1.3	136
FL0010.BAR.870706	9.42	30	-14.0	1.2	133	-12.2	0.6	136	-17.1	0.6	136	999.9	999.9	999	-12.6	1.2	136	-16.4	1.2	136
FL0010.BAR.870706	9.52	39	-20.9	0.9	139	-13.6	0.8	140	-15.5	0.6	140	999.9	999.9	999	-9.5	1.3	140	-18.7	1.2	140
FL0010.BAR.870706	10.02	50	-24.2	1.1	136	-14.9	0.8	138	-16.4	2.1	138	999.9	999.9	999	-14.6	1.2	138	-20.5	1.3	138
FL0010.BAR.870706	10.12	71	-35.2	5.8	126	999.9	999.9	999	-16.2	0.7	148	999.9	999.9	999	-15.9	1.2	148	999.9	999.9	999
FL0022.BEA.870706	8.35	20	-12.6	0.8	89	-7.6	0.4	93	-10.8	0.4	93	-11.5	1.0	93	-2.4	1.0	93	-9.5	0.9	93
FL0022.BEA.870706	8.45	28	-16.8	0.7	89	-9.9	0.4	93	-13.5	0.4	93	999.9	999.9	999	-4.3	1.0	93	-9.6	0.9	93
FL0022.BEA.870706	8.55	40	-15.6	0.8	93	-8.5	0.3	95	-7.6	1.2	95	999.9	999.9	999	-5.5	0.7	95	-11.9	0.7	95
FL0022.BEA.870706	9.05	50	-38.0	0.3	93	-25.5	1.1	95	-23.5	0.9	95	999.9	999.9	999	-7.6	2.5	95	-13.0	1.0	95
FL0022.BEA.870706	9.14	70	-35.6	1.2	92	-27.2	1.3	100	-25.4	2.0	100	999.9	999.9	999	-12.8	1.1	100	-14.4	1.3	100
FL0022.BEA.870706	9.32	20	-13.6	0.7	87	-8.6	0.4	91	-11.1	0.6	91	-16.5	1.1	91	-3.0	0.8	91	-8.0	1.0	91
FL0022.BEA.870706	9.42	30	-13.9	0.6	88	-9.9	0.5	91	-14.1	0.4	91	-18.6	1.2	91	-5.3	0.8	91	-7.2	0.9	91
FL0022.BEA.870706	9.52	40	-20.0	0.7	95	-10.5	0.6	97	-14.0	0.4	97	999.9	999.9	999	-4.6	0.9	97	-12.4	0.8	97
FL0022.BEA.870706	10.02	51	-22.5	0.8	92	-10.3	0.7	95	-12.5	0.6	95	-21.6	1.1	95	-6.6	0.9	95	-14.5	0.9	95
FL0022.BEA.870706	10.12	71	-22.5	2.2	87	-11.0	0.6	89	-15.3	0.5	89	-24.4	0.7	89	-11.0	0.6	89	-14.5	0.8	89
FL0030.WHE.870706	8.35	20	-15.6	0.6	38	-7.4	0.5	43	-12.1	0.6	43	999.9	999.9	999	-6.3	1.0	43	-11.7	1.0	43
FL0030.WHE.870706	8.45	31	-18.6	0.5	38	-9.8	0.5	40	-14.2	0.4	40	999.9	999.9	999	-7.0	0.8	40	-12.0	0.8	40
FL0030.WHE.870706	8.55	40	-19.1	0.9	41	-8.8	0.5	43	-11.1	0.7	43	999.9	999.9	999	-8.0	0.8	43	-13.7	0.6	43
FL0030.WHE.870706	9.05	49	-37.9	0.3	42	-29.9	0.9	44	-26.7	1.4	44	999.9	999.9	999	-13.9	1.1	44	-15.7	0.7	44
FL0030.WHE.870706	9.14	69	-35.8	1.1	39	-27.6	1.7	41	-27.7	0.5	41	999.9	999.9	999	-15.7	1.1	41	-16.1	1.3	41
FL0030.WHE.870706	9.32	23	-18.7	0.7	34	-10.3	0.6	38	-14.1	0.6	38	999.9	999.9	999	-6.3	1.1	38	-10.7	1.3	38
FL0030.WHE.870706	9.42	30	-18.0	1.3	63	-12.2	0.7	66	-15.8	0.6	66	999.9	999.9	999	-8.3	1.1	66	-10.1	0.9	66
FL0030.WHE.870706	9.52	40	-22.4	0.6	66	-12.6	0.7	69	-14.5	0.5	69	999.9	999.9	999	-7.6	1.3	69	-14.1	0.9	69
FL0030.WHE.870706	10.02	48	-25.1	0.7	68	-12.4	1.1	70	-13.3	0.9	70	999.9	999.9	999	-8.7	1.1	70	-15.7	1.1	70
FL0030.WHE.870706	10.12	72	-30.1	7.1	59	-10.3	0.8	63	-14.9	0.9	63	999.9	999.9	999	-11.8	0.7	63	-15.8	1.1	63
FL0040.WHE.870706	8.35	20	-16.6	0.6	15	-8.5	0.3	19	-17.3	0.5	19	999.9	999.9	999	-5.7	0.8	19	-11.5	1.2	19
FL0040.WHE.870706	8.45	29	-19.7	0.5	18	-10.7	0.5	22	-14.7	0.5	22	999.9	999.9	999	-6.5	1.3	22	-11.7	0.9	22
FL0040.WHE.870706	8.55	39	-19.4	0.7	20	-9.7	0.3	23	-12.5	0.8	23	999.9	999.9	999	-7.4	0.9	23	-13.7	0.8	23
FL0040.WHE.870706	9.05	49	-37.7	0.2	20	-29.4	1.1	22	-26.7	0.7	22	-24.9	0.1	22	-12.6	1.1	22	-14.6	0.9	22
FL0040.WHE.870706	9.14	70	-36.4	0.3	17	-26.9	1.3	21	-26.8	0.5	21	999.9	999.9	999	-15.1	1.2	21	-15.2	1.6	21
FL0040.WHE.870706	9.32	21	-18.9	0.6	14	-10.5	0.6	19	-13.8	0.5	19	999.9	999.9	999	-5.6	0.7	19	-9.6	1.2	19
FL0040.WHE.870706	9.42	29	-15.7	0.5	19	-10.5	0.5	20	-13.8	0.3	20	-14.7	0.9	20	-3.3	0.6	20	-4.2	0.5	20
FL0040.WHE.870706	9.52	40	-20.3	0.7	19	-10.4	0.4	21	-13.6	0.4	21	-15.2	1.0	21	-2.6	0.7	21	-11.2	0.7	21
FL0040.WHE.870706	10.02	55	-22.2	0.9	19	-9.3	0.4	21	-11.6	0.5	21	-16.6	0.7	21	-4.4	0.6	21	-12.9	0.4	21
FL0040.WHE.870706	10.12	72	-22.5	5.5	17	-10.5	0.5	19	-13.8	0.5	19	-19.5	0.6	19	-8.7	0.6	19	-11.6	0.8	19
FL0051.SBT.870706	8.35	21	-15.5	0.4	16	-7.6	0.4	20	-11.2	0.4	20	-7.3	1.2	20	-1.3	0.8	20	-8.1	1.2	20
FL0051.SBT.870706	8.45	30	-18.3	0.3	17	-9.9	0.5	19	-13.3	0.4	19	999.9	999.9	999	-2.6	0.7	19	-7.7	0.9	19
FL0051.SBT.870706	8.55	39	-17.2	0.6	19	-8.8	0.3	21	-8.8	0.7	21	-11.3	1.0	21	-3.7	0.6	21	-11.0	0.7	21
FL0051.SBT.870706	9.05	48	-37.8	0.2	19	-25.5	0.8	21	-21.8	0.8	21	-19.4	1.2	21	-6.8	0.5	21	-11.8	1.1	21
FL0051.SBT.870706	9.14	69	-35.6	1.2	18	-27.4	1.4	22	-23.8	0.6	22	999.9	999.9	999	-9.7	0.8	22	-12.4	1.1	22
FL0051.SBT.870706	9.32	20	-16.3	0.4	16	-8.6	0.3	19	-11.1	0.4	19	-12.9	1.0	19	-1.2	0.7	19	-6.2	0.7	19
FL0051.SBT.870706	9.42	30	-14.2	0.5	10	-10.3	0.5	12	-13.5	0.2	12	-15.7	0.9	12	-3.5	0.7	12	-4.5	1.0	12
FL0051.SBT.870706	9.52	43	-19.5	0.6	11	-9.7	0.3	13	-13.7	0.5	13	-16.4	0.9	13	-3.9	0.7	13	-11.7	0.7	13
FL0051.SBT.870706	10.02	56	-21.0	1.3	11	-9.1	0.7	13	-11.4	0.5	13	-20.7	1.4	13	-5.8	0.7	13	-13.8	0.7	13
FL0051.SBT.870706	10.12	71	-23.3	3.8	10	-10.7	0.6	13	-15.2	0.3	13	999.9	999.9	999	-10.8	0.7	13	-14.8	1.0	13
FL0052.SBT.870706	8.35	21	-15.5	0.4	16	-7.6	0.4	20	-11.2	0.4	20	-7.3	1.2	20	-1.3	0.8	20	-8.1	1.2	20
FL0052.SBT.870706	8.45	30	-18.3	0.3	17	-9.9	0.5	19	-13.3	0.4	19	999.9	999.9	999	-2.6	0.7	19	-7.7	0.9	19
FL0052.SBT.870706	8.55	39	-17.2	0.6	19	-8.8	0.3	21	-8.8	0.7	21	-11.3	1.0	21	-3.7	0.6	21	-11.0	0.7	21
FL0052.SBT.870706	9.05	48	-37.8	0.2	19	-25.5	0.8	21	-21.8	0.8	21	-19.4	1.2	21	-6.8	0.5	21	-11.8	1.1	21

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0052.SBT.870706	9.14	69	-35.6	1.2	18	-27.4	1.4	22	-23.8	0.6	22	999.9	999	999	-9.7	0.8	22	-12.4	1.1	22
FL0052.SBT.870706	9.32	20	-16.3	0.4	16	-8.6	0.3	19	-11.1	0.4	19	-12.9	1.0	19	-1.2	0.7	19	-6.2	0.7	19
FL0052.SBT.870706	9.42	30	-14.2	0.5	10	-10.3	0.5	12	-13.5	0.2	12	-15.7	0.9	12	-3.5	0.7	12	-4.5	1.0	12
FL0052.SBT.870706	9.52	43	-19.5	0.6	11	-9.7	0.3	13	-13.7	0.5	13	-16.4	0.9	13	-3.9	0.7	13	-11.7	0.7	13
FL0052.SBT.870706	10.02	56	-21.0	1.3	11	-9.1	0.7	13	-11.4	0.5	13	-20.7	1.4	13	-5.8	0.7	13	-13.8	0.7	13
FL0052.SBT.870706	10.12	71	-23.3	3.8	10	-10.7	0.6	13	-15.2	0.3	13	999.9	999	999	-10.8	0.7	13	-14.8	1.0	13
FL0061.POT.870706	8.35	19	-15.0	0.5	8	-8.0	0.4	12	-10.3	0.3	12	-7.2	0.7	12	0.2	0.6	12	-6.7	0.7	12
FL0061.POT.870706	8.45	27	-17.9	0.4	9	-9.9	0.6	13	-13.2	0.4	13	999.9	999	999	-2.8	0.8	13	-8.2	0.7	13
FL0061.POT.870706	8.55	40	-16.4	0.7	11	-8.4	0.4	13	-8.7	0.3	13	-12.4	0.9	13	-4.0	0.5	13	-10.7	0.8	13
FL0061.POT.870706	9.05	49	-37.9	0.3	11	-25.2	0.9	14	-21.0	2.1	14	999.9	999	999	-8.7	0.9	14	-12.9	0.6	14
FL0061.POT.870706	9.14	70	-36.5	0.3	10	-27.2	1.0	12	-27.6	0.5	12	999.9	999	999	-14.3	0.8	12	-15.6	0.7	12
FL0061.POT.870706	9.32	20	-14.9	0.2	7	-8.5	0.5	12	-10.4	0.3	12	-12.7	0.6	12	-0.5	0.6	12	-5.6	0.6	12
FL0061.POT.870706	9.42	33	-14.0	0.4	5	-9.6	0.6	9	-13.4	0.3	9	-16.2	0.9	9	-3.8	1.0	9	-5.0	1.3	9
FL0061.POT.870706	9.52	39	-19.7	0.6	8	-10.3	0.5	10	-13.6	0.4	10	-15.8	1.1	10	-3.4	0.5	10	-11.4	0.8	10
FL0061.POT.870706	10.02	48	-22.8	0.5	10	-10.6	0.5	12	-12.8	0.5	12	-20.6	1.2	12	-5.5	1.1	12	-14.0	0.6	12
FL0061.POT.870706	10.12	70	-22.6	0.6	6	-10.8	0.4	9	-15.5	0.3	9	-25.2	0.6	9	-11.1	0.7	9	-15.2	1.2	9
FL0062.POT.870706	8.35	20	-15.0	0.5	25	-7.7	0.6	30	-10.4	0.4	30	-8.0	1.1	30	-0.1	0.9	30	-7.5	0.7	30
FL0062.POT.870706	8.45	29	-17.8	0.4	27	-9.8	0.5	30	-13.3	0.3	30	999.9	999	999	-2.9	1.0	30	-7.9	1.0	30
FL0062.POT.870706	8.55	38	-16.7	0.7	29	-8.4	0.3	31	-8.9	0.5	31	-10.2	2.1	31	-4.3	0.7	31	-11.2	1.0	31
FL0062.POT.870706	9.05	50	-37.8	0.1	29	-24.5	0.8	31	-19.0	0.8	31	999.9	999	999	-9.3	1.3	31	-13.0	1.1	31
FL0062.POT.870706	9.14	72	-35.5	1.3	27	-26.1	1.7	31	-25.0	3.3	31	999.9	999	999	-15.1	1.6	31	-16.3	1.2	31
FL0062.POT.870706	9.32	21	-14.9	0.6	25	-8.3	0.3	28	-10.7	0.3	28	-13.0	1.1	28	-0.5	0.4	28	-5.5	0.6	28
FL0062.POT.870706	9.42	29	-14.2	0.6	16	-9.6	0.2	20	-13.7	0.4	20	-15.4	0.6	20	-3.8	0.5	20	-5.0	0.6	20
FL0062.POT.870706	9.52	39	-19.9	0.6	15	-10.2	0.5	17	-14.0	0.4	17	-17.1	1.1	17	-3.9	0.8	17	-12.0	1.0	17
FL0062.POT.870706	10.02	50	-22.5	0.8	17	-10.2	0.7	19	-12.6	0.3	19	-20.4	1.5	19	-5.6	0.6	19	-14.0	0.8	19
FL0062.POT.870706	10.12	71	-22.7	0.5	12	-10.6	0.6	15	-15.2	0.4	15	999.9	999	999	-11.5	0.5	15	-15.3	1.3	15
FL0072.WHE.870706	8.35	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0072.WHE.870706	8.45	29	-16.9	0.9	30	-10.4	0.5	34	-14.5	0.5	34	999.9	999	999	-7.9	1.0	34	-13.2	0.9	34
FL0072.WHE.870706	8.55	40	-14.6	0.8	31	-9.6	0.4	35	-12.5	0.8	35	999.9	999	999	-8.8	1.0	35	-14.7	1.0	35
FL0072.WHE.870706	9.05	50	-37.7	0.5	32	-30.1	0.9	34	-23.6	0.7	34	999.9	999	999	-15.6	1.0	34	-16.3	1.1	34
FL0072.WHE.870706	9.14	70	-35.8	1.0	19	-26.7	1.1	20	-26.5	0.6	20	999.9	999	999	-17.3	0.7	20	-17.3	1.5	20
FL0072.WHE.870706	9.32	20	-14.1	0.8	24	-9.2	0.4	27	-14.8	0.6	27	999.9	999	999	-8.0	0.9	27	-11.8	0.7	27
FL0072.WHE.870706	9.42	30	-15.2	1.1	32	-12.8	0.7	34	-16.5	0.5	34	999.9	999	999	-8.9	1.0	34	-12.2	1.3	34
FL0072.WHE.870706	9.52	40	-18.7	1.0	33	-12.9	0.6	35	-14.4	0.5	35	999.9	999	999	-9.6	1.1	35	-15.5	1.0	35
FL0072.WHE.870706	10.02	48	-23.2	0.9	35	-12.6	0.6	37	-13.4	0.4	37	999.9	999	999	-10.1	0.8	37	-16.9	0.7	37
FL0072.WHE.870706	10.12	72	-22.5	5.2	30	-10.2	0.6	33	-14.2	0.6	33	999.9	999	999	-12.6	0.8	33	-17.2	0.8	33
FL0091.POT.870706	8.35	19	-14.9	0.5	16	-7.7	0.7	20	-10.5	0.5	20	-7.8	0.6	20	-0.7	1.1	20	-7.7	0.6	20
FL0091.POT.870706	8.45	26	-18.5	0.4	17	-10.0	0.4	19	-13.5	0.5	19	-9.4	1.4	19	-3.1	0.8	19	-8.3	0.7	19
FL0091.POT.870706	8.55	39	-16.7	0.6	18	-8.7	0.5	20	-8.1	1.2	20	999.9	999	999	-3.3	1.0	20	-11.3	0.7	20
FL0091.POT.870706	9.05	50	-37.9	0.2	20	-24.8	0.9	22	-22.6	1.6	22	999.9	999	999	-9.0	0.9	22	-12.4	0.7	22
FL0091.POT.870706	9.14	70	-36.1	0.9	19	-26.1	0.9	22	-29.2	2.7	22	999.9	999	999	-14.7	1.5	22	-16.2	1.4	22
FL0091.POT.870706	9.32	21	-15.0	0.4	15	-8.2	0.3	19	-10.1	0.2	19	-12.9	0.7	19	-0.9	0.6	19	-5.6	0.6	19
FL0091.POT.870706	9.42	29	-14.8	0.5	17	-10.1	0.4	20	-13.8	0.2	20	-15.2	1.2	20	-3.3	0.8	20	-4.9	0.3	20
FL0091.POT.870706	9.52	40	-19.4	0.5	18	-9.9	0.4	21	-13.5	0.7	21	-17.3	0.9	21	-3.6	1.0	21	-11.7	1.1	21
FL0091.POT.870706	10.02	50	-22.9	0.9	21	-10.2	0.4	23	-14.3	0.6	23	-21.4	1.5	23	-6.4	0.6	23	-14.6	0.8	23
FL0091.POT.870706	10.12	69	-23.2	0.7	19	-11.5	0.8	21	-16.0	0.5	21	-25.2	0.8	21	-11.9	0.8	21	-15.6	0.7	21
FL0100.POT.870706	8.35	20	-14.3	0.6	19	-7.3	0.5	23	-10.6	0.6	23	-7.8	1.1	23	-0.9	1.2	23	-7.8	0.7	23
FL0100.POT.870706	8.45	29	-17.7	0.4	20	-9.7	0.3	24	-13.0	0.5	24	-9.2	1.5	24	-3.0	0.7	24	-8.1	0.7	24
FL0100.POT.870706	8.55	37	-16.9	0.8	21	-8.6	0.6	23	-7.0	0.6	23	999.9	999	999	-4.3	0.8	23	-11.3	0.9	23
FL0100.POT.870706	9.05	49	-37.7	0.2	22	-24.4	0.8	24	-22.7	0.6	24	-22.1	1.2	24	-9.3	0.7	24	-12.6	0.9	24
FL0100.POT.870706	9.14	69	-35.2	1.3	21	-26.7	1.4	24	-27.1	0.6	24	999.9	999	999	-14.7	1.1	24	-15.5	1.9	24
FL0100.POT.870706	9.32	20	-15.0	0.5	18	-8.4	0.3	22	-10.8	0.4	22	-13.2	0.7	22	-1.0	0.9	22	-6.0	1.1	22
FL0100.POT.870706	9.42	33	-13.7	0.5	19	-9.3	0.5	23	-13.4	0.5	23	-16.5	1.2	23	-3.8	0.9	23	-5.5	0.7	23
FL0100.POT.870706	9.52	40	-20.0	0.6	17	-9.8	0.3	19	-14.4	0.6	19	-16.2	0.9	19	-3.8	0.8	19	-11.8	0.7	19

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0100.POT.870706	10.02	51	-21.9	1.0	17	-9.8	0.6	19	-13.7	0.7	19	-21.3	1.1	19	-5.9	0.5	19	-13.8	0.8	19
FL0100.POT.870706	10.12	71	-22.5	0.9	19	-10.6	0.8	22	-14.8	1.7	22	-24.9	1.0	22	-11.8	0.6	22	-15.8	0.6	22
FL0113.WHE.870706	8.35	20	999.9	999	999	-8.1	0.3	5	-12.1	0.5	5	999.9	999	999	-6.6	0.9	5	-12.5	0.9	5
FL0113.WHE.870706	8.45	29	-18.7	0.9	2	-10.8	0.5	5	-14.0	0.1	5	999.9	999	999	-6.5	0.7	5	-12.8	0.4	5
FL0113.WHE.870706	8.55	39	-19.0	0.7	3	-9.5	0.9	6	-7.2	0.3	6	999.9	999	999	-7.8	0.5	6	-14.2	0.7	6
FL0113.WHE.870706	9.05	51	-37.6	0.1	7	-30.8	1.7	9	-28.6	0.8	9	999.9	999	999	-15.4	0.9	9	-16.0	1.4	9
FL0113.WHE.870706	9.14	69	999.9	999	999	-25.3	0.0	1	-27.7	0.0	1	999.9	999	999	-17.9	0.0	1	-19.0	0.0	1
FL0113.WHE.870706	9.32	21	999.9	999	999	-11.2	0.8	5	-14.0	1.0	5	999.9	999	999	-6.3	1.6	5	-9.7	1.0	5
FL0113.WHE.870706	9.42	29	-19.3	0.0	1	-12.5	0.5	5	-16.2	0.6	5	999.9	999	999	-8.9	1.8	5	-11.2	0.5	5
FL0113.WHE.870706	9.52	42	-23.2	0.6	3	-12.9	0.4	6	-17.5	0.3	6	999.9	999	999	-10.2	1.1	6	-15.8	0.8	6
FL0113.WHE.870706	10.02	51	-24.8	0.9	3	-12.3	0.6	6	-16.8	1.0	6	-25.8	0.8	6	-11.0	1.6	6	-17.7	1.5	6
FL0113.WHE.870706	10.12	75	999.9	999	999	-9.2	0.2	3	-13.3	0.6	3	999.9	999	999	-13.0	0.5	3	-17.7	0.6	3
FL0114.WHE.870706	8.35	20	-15.1	0.1	2	-7.9	0.4	6	-11.0	0.5	6	999.9	999	999	-4.7	0.7	6	-11.6	0.4	6
FL0114.WHE.870706	8.45	29	-19.1	0.4	3	-10.9	0.8	7	-14.2	0.3	7	999.9	999	999	-6.1	0.5	7	-11.4	0.7	7
FL0114.WHE.870706	8.55	40	-18.2	0.5	4	-9.5	0.5	7	-7.2	0.4	7	999.9	999	999	-6.1	0.4	7	-13.1	0.5	7
FL0114.WHE.870706	9.05	47	-37.6	0.1	3	-29.6	0.8	5	-27.1	0.7	5	-25.0	0.1	5	-13.6	0.9	5	-13.9	1.1	5
FL0114.WHE.870706	9.14	71	-36.5	0.1	5	-26.4	1.7	15	-27.2	1.1	15	999.9	999	999	-16.9	1.1	15	-16.7	1.4	15
FL0114.WHE.870706	9.32	18	999.9	999	999	-9.4	0.3	5	-13.5	0.7	5	999.9	999	999	-5.0	0.3	5	-10.8	1.0	5
FL0114.WHE.870706	9.42	25	-19.5	0.6	4	-12.8	0.5	6	-15.0	0.5	6	-22.8	1.0	6	-7.2	0.9	6	-9.3	0.6	6
FL0114.WHE.870706	9.52	40	-22.4	0.9	3	-12.0	0.6	5	-16.5	0.7	5	999.9	999	999	-8.4	1.1	5	-15.1	1.2	5
FL0114.WHE.870706	10.02	51	-23.6	0.6	6	-11.5	0.9	8	-15.6	0.9	8	-25.5	0.7	8	-9.1	1.3	8	-14.6	0.4	8
FL0114.WHE.870706	10.12	73	999.9	999	999	-9.7	0.3	4	-15.2	0.6	4	999.9	999	999	-12.9	0.5	4	-16.7	1.4	4
FL0115.WHE.870706	8.35	17	999.9	999	999	-7.3	0.0	1	-12.2	0.0	1	999.9	999	999	-6.2	0.0	1	-9.5	0.0	1
FL0115.WHE.870706	8.45	27	999.9	999	999	-10.1	0.2	3	-14.0	0.8	3	999.9	999	999	-6.7	0.3	3	-11.3	0.2	3
FL0115.WHE.870706	8.55	41	999.9	999	999	-9.3	0.7	3	-6.9	0.2	3	999.9	999	999	-7.1	0.8	3	-13.7	0.8	3
FL0115.WHE.870706	9.05	49	-37.8	0.0	2	-28.8	0.1	4	-28.1	1.0	4	-24.9	0.1	4	-15.6	0.6	4	-16.6	0.3	4
FL0115.WHE.870706	9.14	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0115.WHE.870706	9.32	21	999.9	999	999	-11.1	0.6	2	-12.9	0.8	2	999.9	999	999	-6.9	0.5	2	-10.5	0.0	2
FL0115.WHE.870706	9.42	30	999.9	999	999	-12.1	0.4	3	-15.8	0.4	3	999.9	999	999	-7.7	0.6	3	-10.7	1.0	3
FL0115.WHE.870706	9.52	39	-21.8	0.0	1	-12.3	0.5	3	-16.9	0.6	3	999.9	999	999	-8.5	1.3	3	-16.1	0.1	3
FL0115.WHE.870706	10.02	50	-25.1	0.0	1	-11.6	0.7	3	-15.9	0.8	3	-25.8	0.9	3	-8.8	0.7	3	-15.6	0.3	3
FL0115.WHE.870706	10.12	72	999.9	999	999	-9.9	0.6	3	-14.4	0.7	3	999.9	999	999	-13.3	0.8	3	-17.3	0.1	3
FL0121.SBT.870706	8.35	20	-16.1	0.4	3	-8.0	0.5	8	-11.3	0.2	8	-8.7	1.1	8	-1.5	0.7	8	-8.1	1.0	8
FL0121.SBT.870706	8.45	31	-18.3	0.2	6	-9.8	0.3	9	-13.4	0.4	9	-9.3	1.4	9	-3.5	0.7	9	-8.1	0.8	9
FL0121.SBT.870706	8.55	37	-17.4	0.5	8	-9.4	0.8	10	-7.0	0.5	10	999.9	999	999	-3.4	1.1	10	-11.3	1.1	10
FL0121.SBT.870706	9.05	49	-38.0	0.4	7	-26.4	0.6	9	-22.1	1.0	9	-18.0	2.9	9	-7.2	0.7	9	-12.0	0.6	9
FL0121.SBT.870706	9.14	69	-35.8	1.0	5	-26.9	1.3	7	-19.7	5.5	7	999.9	999	999	-9.5	0.5	7	-12.7	1.7	7
FL0121.SBT.870706	9.32	25	-16.3	0.7	3	-8.4	0.3	7	-11.2	0.3	7	-13.6	0.8	7	-1.2	0.8	7	-6.1	0.4	7
FL0121.SBT.870706	9.42	31	-15.7	0.2	5	-10.0	0.3	9	-13.7	0.4	9	-16.5	0.9	9	-3.5	0.9	9	-5.3	1.1	9
FL0121.SBT.870706	9.52	40	-20.7	0.8	7	-10.2	0.4	9	-14.2	0.5	9	-15.7	0.9	9	-3.4	0.8	9	-11.4	1.0	9
FL0121.SBT.870706	10.02	49	-22.5	0.7	7	-10.3	0.6	9	-13.2	0.4	9	-16.7	0.8	9	-4.5	0.2	9	-12.9	0.4	9
FL0121.SBT.870706	10.12	69	-23.9	0.8	7	-11.3	0.6	8	-15.0	0.4	8	-19.2	0.6	8	-9.4	0.6	8	-12.5	0.3	8
FL0122.SBT.870706	8.35	19	-16.3	0.5	13	-8.8	0.3	17	-11.1	0.4	17	-7.9	1.2	17	0.3	0.5	17	-7.5	0.5	17
FL0122.SBT.870706	8.45	29	-18.5	0.5	16	-10.0	0.5	20	-13.2	0.3	20	-8.7	1.3	20	-2.9	0.8	20	-7.9	0.7	20
FL0122.SBT.870706	8.55	40	-17.4	0.5	17	-8.7	0.5	20	-8.0	1.1	20	999.9	999	999	-3.7	0.6	20	-10.5	0.8	20
FL0122.SBT.870706	9.05	52	999.9	999	999	-26.4	0.7	19	-22.6	0.6	19	-17.2	2.2	19	-7.1	0.6	19	-11.5	0.5	19
FL0122.SBT.870706	9.14	70	-36.0	1.2	12	-26.4	1.1	15	-16.4	0.5	15	999.9	999	999	-9.3	0.8	15	-12.2	1.0	15
FL0122.SBT.870706	9.32	20	-16.2	0.5	14	-9.2	0.6	17	-10.7	0.6	17	-13.3	1.4	17	-1.2	0.7	17	-6.2	0.9	17
FL0122.SBT.870706	9.42	30	-15.6	0.5	17	-10.0	0.5	20	-13.7	0.4	20	-15.7	1.2	20	-3.8	0.8	20	-5.0	0.9	20
FL0122.SBT.870706	9.52	39	-20.8	0.6	19	-10.5	0.7	21	-14.4	0.3	21	-15.0	1.0	21	-2.8	1.0	21	-11.0	0.9	21
FL0122.SBT.870706	10.02	52	-21.7	0.9	18	-9.6	0.8	21	-12.9	0.8	21	-18.5	1.6	21	-4.2	0.5	21	-12.3	1.3	21
FL0122.SBT.870706	10.12	71	-25.2	5.2	14	-10.9	0.4	18	-14.5	0.7	18	-20.0	0.5	18	-9.2	0.5	18	-12.2	0.6	18
FL0130.SBT.870706	8.35	19	-15.6	0.5	29	-8.2	0.6	33	-11.1	0.5	33	-8.3	1.3	33	-1.1	1.1	33	-7.8	0.8	33
FL0130.SBT.870706	8.45	29	-18.4	0.5	31	-10.2	0.6	34	-13.2	0.3	34	999.9	999	999	-2.7	0.8	34	-8.1	0.9	34

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0130.SBT.870706	8.55	41	-16.9	0.7	32	-8.9	0.5	34	-6.7	1.0	34	999.9	999	999	-3.5	0.6	34	-10.4	0.3	34
FL0130.SBT.870706	9.05	50	-37.8	0.1	33	-25.8	0.8	35	-22.1	1.0	35	-19.4	1.1	35	-7.1	0.8	35	-11.6	0.9	35
FL0130.SBT.870706	9.14	69	-35.2	1.3	32	-26.9	1.2	35	-23.7	0.6	35	999.9	999	999	-9.2	0.7	35	-12.0	0.9	35
FL0130.SBT.870706	9.32	21	-16.2	0.4	28	-9.1	0.4	32	-10.5	0.4	32	-13.8	0.9	32	-1.1	0.7	32	-6.1	1.1	32
FL0130.SBT.870706	9.42	30	-15.6	0.6	31	-10.1	0.4	34	-14.0	0.5	34	-16.1	0.6	34	-3.7	0.8	34	-5.1	1.0	34
FL0130.SBT.870706	9.52	41	-20.4	0.7	32	-10.0	0.4	35	-14.1	0.5	35	-14.9	1.0	35	-3.0	0.7	35	-11.2	0.9	35
FL0130.SBT.870706	10.02	54	-22.0	1.1	33	-9.8	0.7	35	-13.1	0.6	35	-17.5	1.3	35	-4.6	0.6	35	-13.1	0.8	35
FL0130.SBT.870706	10.12	73	-28.7	9.6	29	-10.1	0.8	33	-13.4	1.1	33	-19.7	0.6	33	-8.0	1.2	33	-11.7	1.5	33
FL0140.POT.870706	8.35	22	-14.0	0.6	27	-6.9	0.4	32	-10.4	0.3	32	-6.9	1.1	32	-0.5	0.7	32	-7.0	0.8	32
FL0140.POT.870706	8.45	30	-17.6	0.6	28	-9.7	0.6	31	-13.2	0.4	31	999.9	999	999	-7.6	1.2	31	-13.6	3.9	31
FL0140.POT.870706	8.55	39	-16.6	0.8	30	-8.3	0.3	32	-6.8	0.5	32	999.9	999	999	-4.8	0.8	32	-11.4	0.9	32
FL0140.POT.870706	9.05	49	-37.8	0.2	31	-25.1	0.9	32	-21.5	1.9	32	999.9	999	999	-8.9	1.2	32	-12.9	1.1	32
FL0140.POT.870706	9.14	71	-36.3	0.6	29	-26.1	1.1	32	-32.4	9.7	32	999.9	999	999	-14.7	0.9	32	-16.0	1.2	32
FL0140.POT.870706	9.32	22	-14.6	0.4	26	-8.1	0.5	30	-10.0	0.4	30	-13.3	1.0	30	-0.7	0.4	30	-5.6	0.9	30
FL0140.POT.870706	9.42	30	-14.0	0.6	29	-9.7	0.5	32	-13.6	0.4	32	-16.5	0.7	32	-3.5	0.8	32	-5.5	0.8	32
FL0140.POT.870706	9.52	40	-19.5	0.6	31	-10.0	0.6	33	-14.2	0.5	33	-16.5	1.0	33	-3.3	0.8	33	-11.6	0.7	33
FL0140.POT.870706	10.02	46	-23.3	0.8	33	-10.9	0.7	35	-14.3	0.5	35	-21.3	1.6	35	-5.7	1.0	35	-14.2	0.7	35
FL0140.POT.870706	10.12	70	-23.2	2.2	28	-10.9	0.6	30	-15.2	0.9	30	-24.9	1.0	30	-11.3	0.7	30	-15.3	1.2	30
FL0151.WHE.870706	8.35	25	-16.3	1.1	2	-7.7	0.5	7	-13.0	0.6	7	999.9	999	999	-7.7	1.2	7	-12.6	0.9	7
FL0151.WHE.870706	8.45	29	-18.4	0.7	5	-10.8	0.3	8	-13.7	0.2	8	999.9	999	999	-6.7	1.0	8	-11.4	1.5	8
FL0151.WHE.870706	8.55	39	-19.4	0.5	7	-9.6	0.4	9	-7.4	0.4	9	999.9	999	999	-8.9	0.8	9	-14.4	0.9	9
FL0151.WHE.870706	9.05	53	-37.5	0.1	7	-30.8	1.8	9	-29.1	1.0	9	999.9	999	999	-18.7	1.4	9	-18.1	1.3	9
FL0151.WHE.870706	9.14	69	-35.4	1.2	7	-27.1	1.0	10	-30.8	3.9	10	999.9	999	999	-19.0	0.8	10	-19.6	0.7	10
FL0151.WHE.870706	9.32	22	-19.7	0.5	4	-11.6	0.6	7	-12.3	0.5	7	999.9	999	999	-6.9	0.7	7	-11.3	1.2	7
FL0151.WHE.870706	9.42	32	-19.1	0.7	5	-12.7	0.3	8	-16.6	0.6	8	999.9	999	999	-10.6	0.9	8	-11.5	1.2	8
FL0151.WHE.870706	9.52	38	-23.1	0.4	7	-14.0	0.7	10	-16.3	1.5	10	999.9	999	999	-9.5	1.3	10	-14.6	1.0	10
FL0151.WHE.870706	10.02	51	-25.5	0.8	8	-12.0	0.9	9	-16.1	0.3	9	-26.3	0.8	9	-11.3	1.3	9	-18.0	1.1	9
FL0151.WHE.870706	10.12	68	-26.5	0.5	7	-12.1	0.6	9	-15.9	1.0	9	999.9	999	999	-13.8	0.9	9	-19.1	0.5	9
FL0152.WHE.870706	8.35	20	-16.5	0.6	4	-8.0	0.4	9	-11.9	0.9	9	999.9	999	999	-6.1	0.9	9	-12.2	0.7	9
FL0152.WHE.870706	8.45	29	-18.4	0.8	4	-10.8	0.5	8	-13.5	0.4	8	999.9	999	999	-6.5	1.3	8	-12.2	0.6	8
FL0152.WHE.870706	8.55	38	-19.4	0.8	7	-9.9	0.7	9	-7.7	0.8	9	999.9	999	999	-7.8	1.0	9	-13.4	0.9	9
FL0152.WHE.870706	9.05	50	-37.8	0.2	7	-30.9	1.0	9	-28.1	0.7	9	999.9	999	999	-15.9	1.1	9	-16.2	0.8	9
FL0152.WHE.870706	9.14	70	-36.7	0.0	5	-26.9	0.6	8	-28.1	0.4	8	999.9	999	999	-18.3	0.5	8	-16.9	1.7	8
FL0152.WHE.870706	9.32	20	-18.8	0.8	3	-10.6	0.2	7	-12.0	0.4	7	999.9	999	999	-5.7	0.5	7	-10.4	1.2	7
FL0152.WHE.870706	9.42	30	-18.5	0.8	5	-12.8	0.7	8	-15.4	1.0	8	999.9	999	999	-7.5	0.5	8	-10.3	1.2	8
FL0152.WHE.870706	9.52	41	-23.1	0.6	7	-12.2	0.4	8	-16.6	0.5	8	999.9	999	999	-9.1	0.7	8	-14.6	1.2	8
FL0152.WHE.870706	10.02	53	-24.2	0.6	6	-11.7	0.7	8	-16.4	0.7	8	-26.3	0.2	8	-10.1	0.9	8	-16.8	0.9	8
FL0152.WHE.870706	10.12	74	999.9	999	999	-10.0	0.5	6	-11.3	0.4	6	-24.2	1.0	6	-13.2	0.8	6	-18.1	0.8	6
FL0171.COR.870706	8.35	19	999.9	999	999	-9.2	0.1	2	-12.5	0.1	2	-13.6	0.3	2	-4.2	1.3	2	-11.1	0.8	2
FL0171.COR.870706	8.45	29	999.9	999	999	-12.3	0.6	2	-13.3	0.1	2	999.9	999	999	-5.3	0.4	2	-10.3	0.8	2
FL0171.COR.870706	8.55	40	999.9	999	999	-10.6	0.4	2	-11.5	0.2	2	999.9	999	999	-5.9	0.2	2	-11.8	0.4	2
FL0171.COR.870706	9.05	49	-38.1	0.0	1	-30.9	0.3	3	-25.0	0.9	3	999.9	999	999	-11.9	0.7	3	-15.5	1.2	3
FL0171.COR.870706	9.14	70	999.9	999	999	-28.0	1.1	2	-39.4	1.1	2	999.9	999	999	-17.5	2.0	2	-18.2	1.8	2
FL0171.COR.870706	9.32	19	999.9	999	999	-11.0	0.0	1	-10.7	0.0	1	-18.4	0.0	1	-2.8	0.0	1	-6.1	0.0	1
FL0171.COR.870706	9.42	31	999.9	999	999	-12.1	0.1	2	-16.0	0.1	2	-22.0	0.0	2	-4.5	1.6	2	-8.3	0.4	2
FL0171.COR.870706	9.52	47	999.9	999	999	-12.9	0.4	2	-15.8	0.1	2	999.9	999	999	-6.5	2.7	2	-12.7	0.2	2
FL0171.COR.870706	10.02	55	999.9	999	999	-12.6	0.5	3	-16.5	1.0	3	-24.6	2.0	3	-8.1	0.7	3	-15.2	0.4	3
FL0171.COR.870706	10.12	71	999.9	999	999	-13.8	0.8	2	-13.5	0.1	2	-26.5	0.9	2	-12.0	0.1	2	-15.6	0.2	2
FL0180.POT.870706	8.35	18	-14.6	0.5	22	-7.1	0.5	27	-10.8	0.4	27	-6.6	1.0	27	-1.1	0.9	27	-7.4	0.7	27
FL0180.POT.870706	8.45	27	-17.8	0.4	24	-9.9	0.4	27	-12.8	0.2	27	-9.1	1.7	27	-2.7	0.7	27	-7.7	0.6	27
FL0180.POT.870706	8.55	40	-16.4	0.6	24	-8.8	0.5	26	-8.4	0.5	26	999.9	999	999	-4.0	1.0	26	-11.3	0.8	26
FL0180.POT.870706	9.05	50	-37.7	0.1	25	-24.3	0.6	27	-23.3	0.7	27	999.9	999	999	-10.3	0.9	27	-13.1	0.8	27
FL0180.POT.870706	9.14	68	-35.4	1.3	20	-27.1	1.5	26	-27.6	3.9	26	999.9	999	999	-17.0	3.8	26	-15.2	1.5	26
FL0180.POT.870706	9.32	21	-14.7	0.4	19	-8.4	0.5	22	-10.1	0.3	22	-12.8	0.6	22	-0.6	0.8	22	-5.7	0.6	22

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0180. POT. 870706	9.42	33	-13.8	0.6	21	-9.5	0.3	23	-13.6	0.4	23	-16.0	1.2	23	-3.4	0.8	23	-5.4	0.7	23
FL0180. POT. 870706	9.52	37	-19.9	0.5	25	-10.5	0.6	27	-14.0	0.4	27	-16.2	0.5	27	-2.6	0.8	27	-10.7	1.0	27
FL0180. POT. 870706	10.02	50	-21.9	0.7	24	-10.0	0.6	26	-14.2	0.5	26	-21.7	1.4	26	-5.6	0.7	26	-13.7	0.8	26
FL0180. POT. 870706	10.12	69	-23.3	0.7	19	-11.8	1.0	28	-14.6	1.6	28	-25.0	1.1	28	-11.8	0.7	28	-15.5	1.0	28
FL0191. SBT. 870706	8.35	17	-15.5	0.5	19	-8.0	0.6	25	-10.8	0.4	25	-7.1	1.1	25	-1.1	0.7	25	-7.1	1.2	25
FL0191. SBT. 870706	8.45	31	-18.1	0.6	21	-10.2	0.5	24	-12.7	0.4	24	-9.0	1.2	24	-2.6	0.7	24	-7.8	0.5	24
FL0191. SBT. 870706	8.55	38	-16.9	0.6	23	-9.0	0.3	25	-8.5	0.9	25	999.9	999	999	-3.4	0.7	25	-10.9	0.7	25
FL0191. SBT. 870706	9.05	49	-37.8	0.3	24	-26.4	0.6	26	-21.7	1.8	26	-18.8	1.5	26	-6.9	1.0	26	-12.0	1.1	26
FL0191. SBT. 870706	9.14	74	-34.9	1.4	22	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0191. SBT. 870706	9.32	20	-16.1	0.5	18	-8.9	0.5	23	-10.3	0.3	23	-13.4	0.8	23	-1.0	0.6	23	-5.8	0.7	23
FL0191. SBT. 870706	9.42	30	-15.5	0.5	22	-10.0	0.4	26	-13.7	0.5	26	-15.3	0.9	26	-3.5	0.5	26	-4.6	0.8	26
FL0191. SBT. 870706	9.52	39	-20.4	0.7	25	-10.5	0.7	27	-14.3	0.3	27	-14.8	0.9	27	-2.8	0.7	27	-11.1	0.6	27
FL0191. SBT. 870706	10.02	47	-23.7	2.0	25	-10.9	0.5	26	-13.5	0.7	26	-18.3	1.2	26	-4.9	0.6	26	-13.2	1.2	26
FL0191. SBT. 870706	10.12	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0192. SBT. 870706	8.35	17	-15.5	0.5	19	-8.0	0.6	25	-10.8	0.4	25	-7.1	1.1	25	-1.1	0.7	25	-7.1	1.2	25
FL0192. SBT. 870706	8.45	31	-18.1	0.6	21	-10.2	0.5	24	-12.7	0.4	24	-9.0	1.2	24	-2.6	0.7	24	-7.8	0.5	24
FL0192. SBT. 870706	8.55	38	-16.9	0.6	23	-9.0	0.3	25	-8.5	0.9	25	999.9	999	999	-3.4	0.7	25	-10.9	0.7	25
FL0192. SBT. 870706	9.05	49	-37.8	0.3	24	-26.4	0.6	26	-21.7	1.8	26	-18.8	1.5	26	-6.9	1.0	26	-12.0	1.1	26
FL0192. SBT. 870706	9.14	74	-34.9	1.4	22	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0192. SBT. 870706	9.32	20	-16.1	0.5	18	-8.9	0.5	23	-10.3	0.3	23	-13.4	0.8	23	-1.0	0.6	23	-5.8	0.7	23
FL0192. SBT. 870706	9.42	30	-15.5	0.5	22	-10.0	0.4	26	-13.7	0.5	26	-15.3	0.9	26	-3.5	0.5	26	-4.6	0.8	26
FL0192. SBT. 870706	9.52	39	-20.4	0.7	25	-10.5	0.7	27	-14.3	0.3	27	-14.8	0.9	27	-2.8	0.7	27	-11.1	0.6	27
FL0192. SBT. 870706	10.02	47	-23.7	2.0	25	-10.9	0.5	26	-13.5	0.7	26	-18.3	1.2	26	-4.9	0.6	26	-13.2	1.2	26
FL0192. SBT. 870706	10.12	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0201. WHE. 870706	8.35	19	999.9	999	999	-6.6	0.3	4	-11.6	0.2	4	999.9	999	999	-4.0	0.5	4	-9.1	0.5	4
FL0201. WHE. 870706	8.45	30	-17.4	0.0	1	-10.5	0.6	5	-13.6	0.5	5	999.9	999	999	-5.2	0.4	5	-9.2	1.7	5
FL0201. WHE. 870706	8.55	38	-17.6	1.8	2	-8.9	0.3	5	-8.1	0.5	5	999.9	999	999	-6.3	0.9	5	-12.9	0.6	5
FL0201. WHE. 870706	9.05	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0201. WHE. 870706	9.14	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0201. WHE. 870706	9.32	21	999.9	999	999	-9.3	0.1	4	-11.3	0.2	4	999.9	999	999	-4.6	0.3	4	-8.4	0.3	4
FL0201. WHE. 870706	9.42	31	-16.0	0.2	2	-11.3	0.3	5	-15.6	0.7	5	-21.7	1.3	5	-6.1	0.5	5	-8.5	0.4	5
FL0201. WHE. 870706	9.52	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0201. WHE. 870706	10.02	47	-29.2	0.0	1	-12.9	0.5	4	-16.3	0.3	4	-25.9	0.2	4	-7.2	0.8	4	-15.6	0.5	4
FL0201. WHE. 870706	10.12	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0202. WHE. 870706	8.35	19	999.9	999	999	-7.7	0.4	3	-11.2	0.2	3	999.9	999	999	-5.0	1.1	3	-11.2	0.6	3
FL0202. WHE. 870706	8.45	28	999.9	999	999	-10.2	0.1	3	-14.1	0.4	3	999.9	999	999	-6.5	1.1	3	-11.6	0.2	3
FL0202. WHE. 870706	8.55	44	-18.7	0.4	2	-8.3	0.3	4	-8.1	0.3	4	999.9	999	999	-7.9	0.2	4	-13.7	0.4	4
FL0202. WHE. 870706	9.05	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0202. WHE. 870706	9.14	72	999.9	999	999	-27.0	0.9	6	-26.9	0.7	6	999.9	999	999	-16.5	1.9	6	-17.2	1.3	6
FL0202. WHE. 870706	9.32	18	999.9	999	999	-10.2	0.4	2	-10.5	0.3	2	999.9	999	999	-7.0	1.4	2	-10.5	1.2	2
FL0202. WHE. 870706	9.42	32	999.9	999	999	-12.4	0.8	4	-16.5	0.4	4	999.9	999	999	-8.3	0.3	4	-9.7	0.8	4
FL0202. WHE. 870706	9.52	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0202. WHE. 870706	10.02	51	-30.6	0.7	2	-12.1	0.6	4	-15.9	0.5	4	-26.5	0.1	4	-9.3	0.6	4	-15.7	0.6	4
FL0202. WHE. 870706	10.12	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0210. BEA. 870706	8.35	20	-16.4	0.7	7	-7.1	0.4	12	-10.7	0.3	12	-11.7	1.0	12	-2.0	0.7	12	-8.6	0.7	12
FL0210. BEA. 870706	8.45	30	-18.9	0.6	9	-9.7	0.7	13	-13.4	0.3	13	999.9	999	999	-2.6	1.1	13	-9.6	1.0	13
FL0210. BEA. 870706	8.55	41	-17.9	0.5	10	-8.5	0.4	12	-7.7	0.6	12	999.9	999	999	-4.8	1.2	12	-12.0	0.5	12
FL0210. BEA. 870706	9.05	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0210. BEA. 870706	9.14	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0210. BEA. 870706	9.32	16	-16.0	0.8	7	-9.8	0.3	10	-9.8	0.4	10	-17.5	1.3	10	-1.6	0.8	10	-6.8	0.9	10
FL0210. BEA. 870706	9.42	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0210. BEA. 870706	9.52	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0210. BEA. 870706	10.02	54	-29.8	0.7	12	-9.2	0.3	14	-13.5	0.4	14	-22.0	2.0	14	-6.2	0.6	14	-14.1	0.8	14
FL0210. BEA. 870706	10.12	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0010.BAR.870731	9.34	21	-8.7	1.0	145	-5.8	0.4	151	-9.5	0.4	151	999.9	999	999	-4.3	1.1	151	-10.0	1.1	151
FL0010.BAR.870731	9.45	31	-12.6	1.1	152	-10.2	0.4	156	-13.6	0.3	156	999.9	999	999	-5.8	1.2	156	-11.8	1.2	156
FL0010.BAR.870731	9.57	41	-14.0	1.1	151	-11.2	0.4	154	-12.6	0.5	154	-23.1	1.1	154	-7.7	1.2	154	-13.1	1.1	154
FL0010.BAR.870731	10.08	51	-14.9	1.7	155	-13.5	0.5	157	-13.4	0.5	157	-22.4	1.0	157	-8.9	0.9	157	-11.4	1.0	157
FL0010.BAR.870731	10.27	71	-21.8	1.4	157	-16.8	1.2	161	-17.6	0.9	161	-24.9	0.8	161	-14.9	0.8	161	-11.4	0.9	161
FL0010.BAR.870731	10.51	20	-12.1	0.8	155	-7.2	0.3	160	-10.8	0.5	160	999.9	999	999	999.9	999	999	-32.1	1.8	160
FL0010.BAR.870731	11.03	31	-12.1	1.1	154	-10.2	0.5	158	-13.4	0.5	158	999.9	999	999	-8.0	1.7	158	-11.1	1.8	158
FL0010.BAR.870731	11.14	40	-16.9	0.9	152	-12.1	0.4	155	-11.8	0.6	155	999.9	999	999	-7.9	1.9	155	-12.1	1.8	155
FL0010.BAR.870731	11.25	51	-18.8	0.9	157	-14.0	0.5	158	-14.8	0.5	158	999.9	999	999	-9.8	1.0	158	-14.0	1.1	158
FL0010.BAR.870731	11.37	71	-23.8	1.1	156	-16.2	0.8	160	-16.3	0.6	160	-22.7	0.7	160	-11.9	0.5	160	-12.5	0.9	160
FL0022.BEA.870731	9.33	22	-7.4	0.5	97	-6.3	0.5	102	-10.1	0.5	102	999.9	999	999	-1.6	0.9	102	-6.8	0.8	102
FL0022.BEA.870731	9.45	31	-11.9	0.5	103	-10.2	0.4	106	-13.7	0.3	106	999.9	999	999	-3.7	0.7	106	-8.5	0.8	106
FL0022.BEA.870731	9.57	41	-12.0	0.7	100	-11.2	0.4	104	-12.7	0.5	104	-20.9	1.0	104	-6.3	0.8	104	-11.2	0.8	104
FL0022.BEA.870731	10.08	51	-12.5	0.7	103	-13.6	0.4	105	-13.5	0.6	105	-21.2	0.9	105	-8.4	0.6	105	-9.6	0.8	105
FL0022.BEA.870731	10.27	70	-18.2	0.9	106	-16.9	1.0	110	-17.9	0.7	110	-25.5	0.8	110	-15.2	0.7	110	-12.2	0.8	110
FL0022.BEA.870731	10.51	22	-11.8	0.4	104	-7.2	0.5	109	-10.5	0.4	109	999.9	999	999	-2.1	0.9	109	-24.7	1.1	109
FL0022.BEA.870731	11.03	30	-12.7	0.5	105	-10.1	0.4	109	-13.4	0.5	109	-20.6	0.9	109	-4.3	0.8	109	-6.2	1.0	109
FL0022.BEA.870731	11.14	40	-16.0	0.6	102	-11.7	0.4	105	-11.6	0.5	105	999.9	999	999	-3.6	0.9	105	-7.5	0.9	105
FL0022.BEA.870731	11.25	51	-16.2	1.0	103	-14.4	0.5	104	-15.7	0.5	104	-23.5	1.1	104	-8.8	0.8	104	-13.0	0.8	104
FL0030.WHE.870731	11.37	71	-17.7	2.2	103	-16.2	1.5	107	-17.1	0.9	107	-24.2	0.8	107	-12.7	0.8	107	-13.5	0.9	107
FL0030.WHE.870731	9.34	23	-10.2	0.6	37	-5.6	0.4	42	-10.8	0.6	42	999.9	999	999	-5.2	1.0	42	-9.6	0.6	42
FL0030.WHE.870731	9.45	31	-14.1	0.9	37	-10.0	0.4	41	-14.2	0.4	41	999.9	999	999	-6.2	0.9	41	-11.4	0.9	41
FL0030.WHE.870731	9.57	40	-15.2	0.6	46	-11.1	0.4	48	-13.3	0.5	48	-23.4	1.1	48	-7.8	0.8	48	-12.7	1.0	48
FL0030.WHE.870731	10.08	50	-15.8	0.8	43	-13.6	0.4	46	-14.6	0.5	46	-23.8	1.0	46	-9.4	0.8	46	-11.7	0.7	46
FL0030.WHE.870731	10.27	70	-20.5	1.1	39	-16.2	0.8	43	-17.1	0.7	43	-26.1	0.8	43	-14.8	0.7	43	-12.5	0.9	43
FL0030.WHE.870731	10.51	20	-14.2	0.5	43	-7.6	0.5	48	-11.9	0.5	48	999.9	999	999	-6.3	0.9	48	-29.5	1.0	48
FL0030.WHE.870731	11.03	31	-15.2	0.6	43	-10.6	0.4	47	-14.9	0.8	47	999.9	999	999	-7.0	1.2	47	-9.5	1.1	47
FL0030.WHE.870731	11.14	40	-17.5	0.7	43	-11.8	0.5	46	-13.8	0.8	46	999.9	999	999	-6.6	1.1	46	-10.1	0.8	46
FL0030.WHE.870731	11.25	51	-18.6	0.6	43	-14.2	0.4	45	-15.9	0.6	45	999.9	999	999	-9.7	0.8	45	-13.7	0.8	45
FL0030.WHE.870731	11.37	70	-25.1	0.9	36	-16.8	1.3	40	-16.9	0.7	40	-24.4	0.7	40	-12.7	0.6	40	-13.8	0.7	40
FL0040.WHE.870731	9.34	21	-11.8	0.5	17	-6.3	0.4	21	-11.3	0.4	21	999.9	999	999	-5.2	0.6	21	-9.4	0.8	21
FL0040.WHE.870731	9.45	32	-15.5	0.6	19	-10.2	0.6	23	-14.7	0.5	23	999.9	999	999	-6.1	0.8	23	-11.3	0.9	23
FL0040.WHE.870731	9.57	41	-16.4	0.6	21	-11.4	0.5	24	-13.9	0.5	24	-23.9	1.3	24	-7.2	0.8	24	-12.8	0.7	24
FL0040.WHE.870731	10.08	51	-17.2	0.9	22	-13.6	0.5	24	-14.2	0.6	24	-22.8	0.9	24	-9.2	0.9	24	-10.9	0.9	24
FL0040.WHE.870731	10.27	71	-20.9	1.2	20	-16.4	0.6	24	-17.3	0.6	24	-26.8	0.8	24	-15.1	0.6	24	-12.7	0.8	24
FL0040.WHE.870731	10.51	21	-15.7	0.5	19	-8.5	0.6	23	-12.5	0.4	23	999.9	999	999	-6.0	1.0	23	-29.2	0.9	23
FL0040.WHE.870731	11.03	31	-16.9	0.6	20	-11.3	0.5	23	-14.9	0.5	23	-24.9	1.4	23	-6.9	0.8	23	-8.9	0.9	23
FL0040.WHE.870731	11.14	39	-18.8	0.8	22	-12.3	0.6	25	-14.2	0.6	25	999.9	999	999	-6.4	1.0	25	-10.0	0.7	25
FL0040.WHE.870731	11.25	50	-20.1	0.7	23	-14.0	0.5	24	-15.9	0.5	24	999.9	999	999	-9.9	0.8	24	-13.7	0.8	24
FL0040.WHE.870731	11.37	61	-25.5	0.8	20	-17.0	1.3	24	-17.4	0.7	24	-25.2	0.7	24	-13.0	0.6	24	-14.1	0.8	24
FL0051.SBT.870731	9.34	22	-11.2	0.7	15	-6.7	0.5	20	-9.8	0.3	20	-12.4	1.0	20	-0.1	0.4	20	-4.8	0.7	20
FL0051.SBT.870731	9.45	30	-14.2	0.4	19	-10.5	0.4	23	-13.6	0.3	23	-15.5	0.9	23	-2.8	0.7	23	-7.2	0.7	23
FL0051.SBT.870731	9.57	43	-14.8	0.8	20	-10.8	0.4	23	-12.3	0.5	23	-17.8	0.8	23	-5.4	0.6	23	-9.8	0.5	23
FL0051.SBT.870731	10.08	52	-15.0	0.6	21	-13.4	0.6	24	-13.3	0.6	24	-18.4	0.6	24	-7.6	0.5	24	-7.5	0.6	24
FL0051.SBT.870731	10.27	69	-20.2	0.8	21	-17.2	0.9	24	-17.8	0.5	24	-22.9	0.4	24	-14.5	0.5	24	-8.5	0.8	24
FL0051.SBT.870731	10.51	21	-13.6	0.6	17	-7.6	0.5	23	-10.2	0.3	23	-13.8	0.7	23	-0.5	0.6	23	-20.9	1.0	23
FL0051.SBT.870731	11.03	30	-14.2	0.5	19	-10.4	0.6	23	-13.4	0.5	23	-18.6	0.6	23	-3.0	0.9	23	-4.3	1.2	23
FL0051.SBT.870731	11.14	42	-16.5	0.5	21	-10.9	0.4	23	-10.8	0.5	23	-18.5	1.1	23	-1.4	0.8	23	-4.9	0.7	23
FL0051.SBT.870731	11.25	52	-17.8	0.8	21	-13.2	0.4	23	-14.0	0.4	23	-19.1	0.9	23	-7.3	0.4	23	-10.6	0.5	23
FL0051.SBT.870731	11.37	70	-22.4	0.9	20	-16.2	0.8	22	-16.2	0.5	22	-19.8	0.6	22	-10.7	0.4	22	-10.2	0.5	22
FL0052.SBT.870731	9.34	22	-11.2	0.7	15	-6.7	0.5	20	-9.8	0.3	20	-12.4	1.0	20	-0.1	0.4	20	-4.8	0.7	20
FL0052.SBT.870731	9.45	30	-14.2	0.4	19	-10.5	0.4	23	-13.6	0.3	23	-15.5	0.9	23	-2.8	0.7	23	-7.2	0.7	23
FL0052.SBT.870731	9.57	43	-14.8	0.8	20	-10.8	0.4	23	-12.3	0.5	23	-17.8	0.8	23	-5.4	0.6	23	-9.8	0.5	23
FL0052.SBT.870731	10.08	52	-15.0	0.6	21	-13.4	0.6	24	-13.3	0.6	24	-18.4	0.6	24	-7.6	0.5	24	-7.5	0.6	24

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0052.SBT.870731	10.27	69	-20.2	0.8	21	-17.2	0.9	24	-17.8	0.5	24	-22.9	0.4	24	-14.5	0.5	24	-8.5	0.8	24
FL0052.SBT.870731	10.51	21	-13.6	0.6	17	-7.6	0.5	23	-10.2	0.3	23	-13.8	0.7	23	-0.5	0.6	23	-20.9	1.0	23
FL0052.SBT.870731	11.03	30	-14.2	0.5	19	-10.4	0.6	23	-13.4	0.5	23	-18.6	0.6	23	-3.0	0.9	23	-4.3	1.2	23
FL0052.SBT.870731	11.14	42	-16.5	0.5	21	-10.9	0.4	23	-10.8	0.5	23	-18.5	1.1	23	-1.4	0.8	23	-4.9	0.7	23
FL0052.SBT.870731	11.25	52	-17.8	0.8	21	-13.2	0.4	23	-14.0	0.4	23	-19.1	0.9	23	-7.3	0.4	23	-10.6	0.5	23
FL0052.SBT.870731	11.37	70	-22.4	0.9	20	-16.2	0.8	22	-16.2	0.5	22	-19.8	0.6	22	-10.7	0.4	22	-10.2	0.5	22
FL0061.POT.870731	9.34	21	-9.4	0.4	8	-5.8	0.4	13	-9.7	0.4	13	-11.4	0.5	13	0.1	0.5	13	-5.0	0.5	13
FL0061.POT.870731	9.45	30	-12.9	0.3	10	-9.9	0.3	14	-13.5	0.2	14	-14.8	0.6	14	-3.2	0.3	14	-7.0	0.7	14
FL0061.POT.870731	9.57	42	-12.9	0.8	12	-10.7	0.3	15	-12.3	0.4	15	-17.9	0.4	15	-6.0	0.4	15	-10.2	0.6	15
FL0061.POT.870731	10.08	51	-12.5	0.5	12	-13.6	0.4	14	-13.7	0.6	14	-19.9	0.6	14	-7.9	0.4	14	-8.9	0.7	14
FL0061.POT.870731	10.27	69	-19.1	0.9	11	-17.5	1.0	15	-18.3	0.3	15	-26.9	0.6	15	-15.9	0.4	15	-13.0	0.9	15
FL0061.POT.870731	10.51	20	-12.1	0.4	9	-6.8	0.3	14	-9.9	0.4	14	-12.8	0.6	14	-0.6	0.5	14	-20.1	0.6	14
FL0061.POT.870731	11.03	29	-12.1	0.5	11	-10.4	0.5	14	-13.0	0.5	14	-18.4	0.7	14	-2.1	0.7	14	-3.6	0.9	14
FL0061.POT.870731	11.14	42	-14.0	0.5	12	-10.5	0.3	15	-10.9	0.4	15	-20.1	0.9	15	-1.4	0.6	15	-5.3	0.6	15
FL0061.POT.870731	11.25	51	-15.4	0.5	11	-13.1	0.5	14	-14.4	0.6	14	-21.4	1.2	14	-7.8	0.7	14	-11.6	0.9	14
FL0061.POT.870731	11.37	72	-19.6	1.1	10	-16.1	0.9	14	-17.0	0.4	14	999.9	999	999	-12.6	0.5	14	-14.1	0.9	14
FL0062.POT.870731	9.34	21	-9.4	0.4	25	-5.8	0.3	30	-9.5	0.4	30	-11.6	0.7	30	0.3	0.4	30	-4.8	0.5	30
FL0062.POT.870731	9.45	31	-13.0	0.4	30	-10.0	0.4	34	-13.5	0.3	34	-16.1	1.1	34	-3.0	0.8	34	-7.7	0.7	34
FL0062.POT.870731	9.57	41	-12.9	0.6	31	-11.1	0.4	34	-12.9	0.5	34	-19.5	0.9	34	-5.6	0.9	34	-10.7	0.9	34
FL0062.POT.870731	10.08	52	-12.6	0.7	34	-13.1	0.6	36	-13.5	0.6	36	-20.5	1.1	36	-8.0	0.7	36	-9.2	0.8	36
FL0062.POT.870731	10.27	71	-19.1	0.7	31	-16.5	0.8	34	-17.5	0.6	34	-26.4	0.7	34	-15.2	0.6	34	-13.3	1.2	34
FL0062.POT.870731	10.51	21	-11.9	0.3	29	-6.8	0.2	35	-9.8	0.3	35	-12.7	0.6	35	-0.2	0.4	35	-20.1	0.9	35
FL0062.POT.870731	11.03	31	-12.2	0.5	29	-9.8	0.3	33	-12.8	0.4	33	-17.9	0.7	33	-3.0	1.0	33	-4.3	0.6	33
FL0062.POT.870731	11.14	40	-14.4	0.6	32	-10.8	0.3	35	-10.5	0.8	35	-19.3	0.9	35	-2.5	1.9	35	-5.3	0.5	35
FL0062.POT.870731	11.25	51	-15.3	0.6	33	-13.1	0.6	35	-14.2	0.5	35	-21.5	1.2	35	-8.1	0.5	35	-11.8	0.8	35
FL0062.POT.870731	11.37	71	-20.6	1.0	31	-16.5	0.8	34	-17.3	0.5	34	-25.0	0.9	34	-12.6	0.7	34	-14.0	0.9	34
FL0072.WHE.870731	9.34	20	-7.0	1.2	29	-5.7	0.4	34	-11.0	0.5	34	999.9	999	999	-5.7	0.8	34	-9.2	1.4	34
FL0072.WHE.870731	9.45	31	-12.3	1.0	35	-10.2	0.4	38	-14.2	0.3	38	999.9	999	999	-6.1	0.6	38	-11.1	0.8	38
FL0072.WHE.870731	9.57	40	-10.6	0.9	36	-11.3	0.4	39	-13.8	0.6	39	999.9	999	999	-8.3	0.9	39	-13.2	0.6	39
FL0072.WHE.870731	10.08	51	-9.2	1.1	36	-12.8	0.4	39	-13.9	0.5	39	-24.5	1.1	39	-9.5	0.8	39	-11.6	0.6	39
FL0072.WHE.870731	10.27	68	-19.6	1.0	36	-18.9	1.6	39	-19.2	0.9	39	-28.1	0.6	39	-17.0	0.9	39	-14.2	1.3	39
FL0072.WHE.870731	10.51	21	-11.5	0.8	34	-7.8	0.5	38	-12.7	0.5	38	999.9	999	999	-6.8	1.1	38	-30.2	0.9	38
FL0072.WHE.870731	11.03	31	-11.9	1.3	34	-11.0	0.5	37	-15.4	0.6	37	999.9	999	999	-7.7	0.9	37	-10.0	0.8	37
FL0072.WHE.870731	11.14	40	-13.7	0.9	35	-12.2	0.4	37	-14.4	0.7	37	999.9	999	999	-8.0	1.2	37	-11.2	1.0	37
FL0072.WHE.870731	11.25	51	-16.1	1.0	38	-13.7	0.7	40	-16.1	0.6	40	999.9	999	999	-10.3	1.0	40	-14.7	0.8	40
FL0072.WHE.870731	11.37	70	-22.2	3.2	18	-16.4	0.9	21	-17.0	0.8	21	-25.5	0.9	21	-12.7	1.0	21	-14.3	0.7	21
FL0091.POT.870731	9.34	21	-9.7	0.6	15	-6.1	0.5	20	-10.0	0.4	20	-12.8	0.8	20	0.1	1.1	20	-5.0	1.3	20
FL0091.POT.870731	9.45	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0091.POT.870731	9.57	40	-12.6	0.7	21	-11.2	0.6	21	-12.8	0.4	21	-19.3	0.7	21	-5.1	1.0	21	-10.7	0.5	21
FL0091.POT.870731	10.08	50	-12.2	0.6	22	-12.7	0.5	24	-12.9	0.6	24	-19.7	0.7	24	-7.7	0.7	24	-8.7	0.5	24
FL0091.POT.870731	10.27	69	-18.4	0.9	20	-17.1	0.6	23	-18.0	0.5	23	-26.4	0.4	23	-15.5	0.6	23	-12.6	0.9	23
FL0091.POT.870731	10.51	22	-11.8	0.5	17	-6.8	0.3	22	-9.9	0.3	22	-13.3	0.9	22	0.2	0.8	22	-20.1	1.1	22
FL0091.POT.870731	11.03	32	-11.7	0.6	19	-9.5	0.4	22	-13.0	0.4	22	-18.7	0.9	22	-3.3	1.0	22	-4.9	1.0	22
FL0091.POT.870731	11.14	40	-14.8	0.7	20	-11.1	0.5	23	-11.0	0.5	23	-20.5	1.1	23	-2.2	1.0	23	-6.0	0.9	23
FL0091.POT.870731	11.25	50	-16.0	0.8	22	-13.9	0.3	24	-15.1	0.5	24	-21.0	0.8	24	-8.6	0.5	24	-11.8	0.6	24
FL0091.POT.870731	11.37	71	-19.4	0.7	19	-15.6	0.7	23	-16.3	0.3	23	-23.8	0.5	23	-12.0	0.3	23	-13.5	0.6	23
FL0100.POT.870731	9.34	21	-9.5	0.5	17	-5.9	0.3	23	-10.0	0.4	23	-11.7	0.6	23	0.2	0.5	23	-4.8	0.9	23
FL0100.POT.870731	9.45	32	-12.6	0.4	23	-10.2	0.3	27	-13.6	0.2	27	-16.5	0.8	27	-2.3	0.5	27	999.9	999	999
FL0100.POT.870731	9.57	41	-12.2	0.8	24	-10.9	0.2	26	-12.7	0.5	26	-19.2	1.0	26	-17.0	1.0	26	999.9	999	999
FL0100.POT.870731	10.08	53	-12.2	0.4	22	-13.2	0.4	26	-13.3	0.4	26	-20.2	1.1	26	-8.2	0.5	26	-9.1	0.7	26
FL0100.POT.870731	10.27	70	-19.0	1.0	24	-17.0	0.7	27	-17.3	0.7	27	-26.2	0.6	27	-15.3	0.5	27	-12.8	1.0	27
FL0100.POT.870731	10.51	20	-11.8	0.4	22	-6.8	0.4	26	-9.8	0.3	26	-12.6	0.5	26	-0.1	0.4	26	-19.7	0.9	26
FL0100.POT.870731	11.03	31	-11.7	0.5	23	-9.8	0.4	26	-12.9	0.3	26	-18.4	0.7	26	-2.4	0.8	26	-4.1	0.6	26
FL0100.POT.870731	11.14	40	-14.9	0.5	23	-11.4	0.4	25	-11.1	0.5	25	-20.0	1.2	25	-2.3	0.7	25	-5.8	0.6	25

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0100. POT. 870731	11.25	51	-16.4	0.7	23	-14.4	0.6	26	-15.4	0.5	26	-21.2	1.0	26	-8.8	0.7	26	-12.1	0.7	26
FL0100. POT. 870731	11.37	71	-20.6	0.9	21	-18.5	0.7	24	-17.8	0.6	24	-25.4	0.6	24	-12.9	0.7	24	-13.8	1.0	24
FL0113. WHE. 870731	9.34	22	999.9	999	999	-6.2	0.2	4	-11.0	0.3	4	999.9	999	999	-6.2	0.9	4	-9.5	1.5	4
FL0113. WHE. 870731	9.45	31	-14.6	0.3	2	-10.6	0.3	5	-14.4	0.4	5	999.9	999	999	-5.6	1.0	5	-9.6	2.2	5
FL0113. WHE. 870731	9.57	41	-15.3	0.8	3	-11.1	0.3	7	-13.8	0.4	7	-24.0	0.3	7	-23.4	1.6	7	-12.3	1.1	7
FL0113. WHE. 870731	10.08	51	-16.1	1.0	4	-13.6	0.1	7	-14.2	0.8	7	-24.5	0.6	7	-10.6	0.7	7	-14.0	1.1	7
FL0113. WHE. 870731	10.27	70	-20.8	2.8	2	-16.7	0.3	6	-17.1	0.5	6	-25.7	1.0	6	-15.0	0.6	6	-12.7	0.8	6
FL0113. WHE. 870731	10.51	23	999.9	999	999	-8.9	0.6	5	-12.2	0.4	5	999.9	999	999	-7.2	1.2	5	-31.5	0.8	5
FL0113. WHE. 870731	11.03	30	-17.1	0.5	3	-10.8	0.2	5	-13.8	0.5	5	-23.7	1.5	5	-6.9	1.4	5	-9.3	1.0	5
FL0113. WHE. 870731	11.14	40	-18.3	0.9	4	-12.2	0.4	6	-12.0	1.1	6	999.9	999	999	-7.9	1.5	6	-12.0	1.3	6
FL0113. WHE. 870731	11.25	50	-20.3	0.1	5	-14.8	0.5	7	-16.0	0.3	7	999.9	999	999	-7.8	0.3	7	-15.0	1.9	7
FL0113. WHE. 870731	11.37	70	-22.9	0.4	3	-18.0	1.1	6	-16.9	0.6	6	-24.0	0.5	6	-12.9	0.4	6	-12.9	0.6	6
FL0114. WHE. 870731	9.34	22	999.9	999	999	-5.6	0.3	5	-11.3	0.5	5	999.9	999	999	-5.6	0.9	5	-9.3	0.4	5
FL0114. WHE. 870731	9.45	30	-13.4	0.1	4	-10.3	0.5	8	-14.7	0.5	8	999.9	999	999	-6.7	1.2	8	-11.1	0.7	8
FL0114. WHE. 870731	9.57	42	-13.9	1.0	4	-10.9	0.3	6	-13.4	0.5	6	-24.0	0.5	6	-23.1	0.7	6	-12.4	0.5	6
FL0114. WHE. 870731	10.08	52	-14.6	0.7	6	-13.3	0.2	8	-13.9	0.2	8	-23.5	1.1	8	-10.5	0.6	8	-12.0	0.6	8
FL0114. WHE. 870731	10.27	69	-19.4	0.8	5	-16.9	0.9	8	-17.9	0.8	8	-27.6	0.7	8	-16.5	0.8	8	-14.2	1.4	8
FL0114. WHE. 870731	10.51	20	-14.6	0.0	1	-7.8	0.2	6	-12.6	0.2	6	999.9	999	999	-7.4	0.6	6	-30.2	0.7	6
FL0114. WHE. 870731	11.03	31	-15.6	1.2	3	-11.4	0.3	6	-15.2	0.4	6	-25.2	1.2	6	-6.8	1.0	6	-9.4	0.5	6
FL0114. WHE. 870731	11.14	41	-18.2	0.6	5	-12.7	0.5	8	-14.2	0.5	8	999.9	999	999	-8.4	0.8	8	-11.0	1.1	8
FL0114. WHE. 870731	11.25	50	-19.0	0.6	7	-14.9	0.5	8	-16.6	0.7	8	999.9	999	999	-8.4	0.6	8	-14.0	0.6	8
FL0114. WHE. 870731	11.37	72	-25.4	1.4	4	-17.0	0.4	7	-16.2	0.5	7	-25.5	0.7	7	-12.7	0.8	7	-14.0	0.8	7
FL0115. WHE. 870731	9.34	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0115. WHE. 870731	9.45	26	999.9	999	999	-10.1	0.2	3	-14.8	0.6	3	999.9	999	999	-5.7	1.9	3	-10.5	0.8	3
FL0115. WHE. 870731	9.57	41	999.9	999	999	-11.0	0.4	4	-13.1	0.3	4	-25.2	0.7	4	-24.7	0.9	4	-13.7	0.7	4
FL0115. WHE. 870731	10.08	51	-16.4	1.1	2	-13.7	0.5	5	-14.6	0.4	5	-25.2	1.4	5	-10.1	0.8	5	-12.6	0.6	5
FL0115. WHE. 870731	10.27	67	999.9	999	999	-18.7	0.6	3	-19.1	0.3	3	-27.5	0.5	3	-17.0	0.3	3	-14.2	1.5	3
FL0115. WHE. 870731	10.51	20	999.9	999	999	-8.5	0.5	2	-13.4	1.1	2	999.9	999	999	-7.8	0.2	2	-30.3	1.3	2
FL0115. WHE. 870731	11.03	32	999.9	999	999	-11.9	0.5	4	-15.5	0.5	4	-27.0	0.5	4	-6.1	0.9	4	-9.7	0.8	4
FL0115. WHE. 870731	11.14	40	999.9	999	999	-12.4	0.3	4	-13.9	0.7	4	999.9	999	999	-7.8	0.6	4	-10.7	0.6	4
FL0115. WHE. 870731	11.25	50	-19.5	0.0	2	-15.4	0.5	3	-16.6	0.5	3	999.9	999	999	-7.5	0.2	3	-15.7	0.7	3
FL0115. WHE. 870731	11.37	72	999.9	999	999	-17.2	0.5	4	-16.2	0.3	4	-24.4	0.3	4	-12.4	0.2	4	-13.8	0.9	4
FL0121. SBT. 870731	9.34	20	-10.3	0.3	4	-6.6	0.5	11	-10.0	0.3	11	-13.5	1.0	11	-0.1	1.1	11	-5.6	0.8	11
FL0121. SBT. 870731	9.45	31	-13.4	0.6	2	-10.5	0.4	5	-13.5	0.2	5	-15.3	0.2	5	-1.8	0.3	5	-7.3	0.6	5
FL0121. SBT. 870731	9.57	41	-13.4	0.4	4	-11.1	0.5	8	-12.4	0.3	8	-17.8	0.8	8	-14.4	1.1	8	-9.9	1.2	8
FL0121. SBT. 870731	10.08	52	-14.0	0.7	9	-13.3	0.2	12	-13.0	0.2	12	-17.3	0.6	12	-7.4	0.3	12	-7.1	0.7	12
FL0121. SBT. 870731	10.27	69	-19.8	1.1	4	-17.0	1.1	12	-16.9	0.7	12	-21.9	0.9	12	-14.2	1.0	12	-8.3	0.9	12
FL0121. SBT. 870731	10.51	24	999.9	999	999	-7.2	0.3	4	-10.2	0.5	4	-12.8	0.6	4	-0.2	0.4	4	-20.4	1.5	4
FL0121. SBT. 870731	11.03	30	999.9	999	999	-9.9	0.2	4	-12.6	0.2	4	-16.8	0.3	4	-3.3	0.3	4	-4.0	0.5	4
FL0121. SBT. 870731	11.14	42	-16.4	0.3	4	-11.4	0.2	7	-10.7	0.4	7	-18.7	1.0	7	-2.2	0.3	7	-5.3	0.4	7
FL0121. SBT. 870731	11.25	52	-17.8	0.5	5	-14.0	0.2	7	-14.7	0.2	7	-18.6	0.5	7	-8.5	0.4	7	-11.0	0.3	7
FL0121. SBT. 870731	11.37	72	999.9	999	999	-18.2	0.7	4	-16.7	0.6	4	-20.9	0.1	4	-10.9	0.6	4	-10.5	0.5	4
FL0122. SBT. 870731	9.34	20	-10.3	0.3	11	-6.9	1.0	15	-10.0	0.5	15	-13.1	0.9	15	0.0	1.1	15	-5.3	1.1	15
FL0122. SBT. 870731	9.45	32	-13.5	0.5	23	-10.0	0.5	26	-13.4	0.3	26	-15.9	0.8	26	-3.0	0.9	26	-7.8	0.6	26
FL0122. SBT. 870731	9.57	40	-13.9	0.6	14	-11.4	0.5	21	-12.9	0.4	21	-18.0	0.7	21	-14.2	1.3	21	-9.5	1.5	21
FL0122. SBT. 870731	10.08	51	-14.4	0.6	20	-13.8	0.4	22	-13.6	0.6	22	-18.1	1.0	22	-7.6	0.3	22	-7.4	0.6	22
FL0122. SBT. 870731	10.27	71	-19.7	1.0	16	-16.6	0.8	19	-17.1	0.6	19	-22.2	0.7	19	-14.1	0.4	19	-8.5	0.6	19
FL0122. SBT. 870731	10.51	21	-13.0	0.4	18	-7.2	0.4	23	-10.3	0.4	23	-13.6	0.7	23	-0.6	0.7	23	-20.5	1.2	23
FL0122. SBT. 870731	11.03	34	-13.6	0.5	19	-9.5	0.4	25	-12.7	0.4	25	-18.4	0.9	25	-3.0	0.8	25	-4.5	0.8	25
FL0122. SBT. 870731	11.14	43	-16.9	0.6	19	-11.5	0.4	21	-11.0	0.6	21	-19.0	0.9	21	-2.0	0.6	21	-5.2	0.7	21
FL0122. SBT. 870731	11.25	52	-17.6	0.8	21	-13.7	0.5	23	-14.6	0.5	23	-18.9	0.8	23	-8.0	0.7	23	-11.4	0.8	23
FL0122. SBT. 870731	11.37	71	-22.4	0.7	17	-17.0	1.0	20	-16.6	0.9	20	-20.1	0.8	20	-11.3	0.6	20	-10.6	0.7	20
FL0130. SBT. 870731	9.34	20	-11.1	0.6	31	-7.1	0.7	36	-9.9	0.4	36	-13.6	1.1	36	0.2	0.8	36	-5.5	0.6	36
FL0130. SBT. 870731	9.45	30	-13.9	0.5	36	-10.5	0.3	40	-13.6	0.3	40	-15.9	0.7	40	-2.6	0.7	40	-7.5	0.3	40

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0130.SBT.870731	9.57	42	-14.5	0.6	35	-11.0	0.3	37	-12.4	0.5	37	-17.8	0.9	37	-14.5	1.0	37	999.9	999	999
FL0130.SBT.870731	10.08	51	-15.0	0.7	38	-14.2	0.3	40	-13.7	0.5	40	-18.4	0.6	40	-8.1	0.4	40	-7.8	0.6	40
FL0130.SBT.870731	10.27	70	-20.2	1.1	35	-16.7	0.9	38	-17.1	0.9	38	-22.3	0.7	38	-13.9	0.7	38	-8.6	0.8	38
FL0130.SBT.870731	10.51	22	-13.7	0.4	33	-7.4	0.4	39	-10.2	0.3	39	-14.2	1.0	39	-0.3	0.6	39	-20.8	0.8	39
FL0130.SBT.870731	11.03	29	-14.1	0.4	36	-10.1	0.3	39	-13.0	0.4	39	-17.9	0.8	39	-3.4	0.8	39	-4.5	0.8	39
FL0130.SBT.870731	11.14	40	-17.3	0.5	35	-12.2	0.4	39	-11.4	0.4	39	-18.9	0.9	39	-2.2	0.5	39	-5.4	0.5	39
FL0130.SBT.870731	11.25	51	-17.7	0.6	37	-13.9	0.4	40	-14.1	0.3	40	-18.9	0.7	40	-8.0	0.5	40	-10.7	0.6	40
FL0130.SBT.870731	11.37	70	-22.4	0.8	36	-17.2	0.9	38	-16.4	0.7	38	-20.1	0.5	38	-11.4	0.6	38	-10.7	0.6	38
FL0140.POT.870731	9.34	21	-9.6	0.5	29	-6.4	0.3	33	-9.8	0.3	33	-12.4	0.8	33	0.3	0.6	33	-4.7	0.5	33
FL0140.POT.870731	9.45	30	-12.5	0.5	32	-10.1	0.4	36	-13.5	0.4	36	-16.4	1.1	36	-2.6	0.7	36	-7.4	0.6	36
FL0140.POT.870731	9.57	41	-12.3	0.7	33	-10.9	0.3	36	-12.7	0.5	36	-18.9	0.9	36	-16.9	1.1	36	-10.6	0.8	36
FL0140.POT.870731	10.08	53	-12.8	0.6	35	-13.9	0.6	37	-14.1	0.6	37	-21.2	1.0	37	-8.8	0.6	37	-9.9	0.8	37
FL0140.POT.870731	10.27	70	-19.1	0.7	33	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0140.POT.870731	10.51	20	-12.0	0.4	32	-6.9	0.4	34	-9.9	0.4	36	-13.6	1.6	36	0.3	0.8	36	-15.8	5.9	36
FL0140.POT.870731	11.03	31	-12.0	0.5	34	-9.7	0.4	37	-12.8	0.4	37	-18.2	0.8	37	-2.9	0.9	37	-4.5	0.7	37
FL0140.POT.870731	11.14	39	-16.0	0.7	34	-12.4	0.4	36	-11.6	0.4	36	-19.7	1.0	36	-3.1	0.7	36	-6.5	0.6	36
FL0140.POT.870731	11.25	50	-16.2	0.5	34	-14.1	0.3	37	-14.8	0.6	37	-21.7	1.0	37	-8.4	0.5	37	-12.2	0.7	37
FL0140.POT.870731	11.37	71	-20.2	0.8	31	-16.2	0.8	35	-15.8	0.7	35	-22.7	0.7	35	-12.7	0.5	35	-14.3	1.3	35
FL0151.WHE.870731	9.34	19	-12.1	0.3	3	-7.5	0.3	8	-10.0	0.5	8	999.9	999	999	-2.1	0.9	8	-7.8	1.2	8
FL0151.WHE.870731	9.45	32	-15.5	0.6	5	-9.9	0.3	9	-13.9	0.3	9	999.9	999	999	-4.0	0.9	9	-9.9	0.7	9
FL0151.WHE.870731	9.57	39	-16.1	0.9	7	-11.4	0.4	9	-12.5	0.2	9	-20.3	0.8	9	-17.5	0.9	9	-11.2	0.4	9
FL0151.WHE.870731	10.08	51	-16.7	0.4	8	-14.3	0.2	10	-13.3	0.2	10	-20.0	0.5	10	-8.7	0.3	10	-9.0	0.3	10
FL0151.WHE.870731	10.27	71	-22.4	0.9	5	-17.0	0.8	9	-17.8	0.5	9	-25.7	0.3	9	-15.3	0.8	9	-11.9	0.7	9
FL0151.WHE.870731	10.51	20	-14.7	0.3	4	-7.0	0.3	9	-10.2	0.4	9	-17.8	1.2	9	-2.0	0.6	9	-29.7	1.1	9
FL0151.WHE.870731	11.03	33	-14.5	0.5	6	-9.8	0.4	9	-12.8	0.5	9	-20.1	0.5	9	-3.0	0.5	9	-6.2	1.1	9
FL0151.WHE.870731	11.14	36	-17.5	0.6	10	-12.8	0.4	12	-11.7	0.6	12	-20.7	1.9	12	-3.6	1.1	12	-7.6	1.0	12
FL0151.WHE.870731	11.25	48	-18.4	0.6	9	-14.7	0.3	10	-15.0	0.3	10	-22.3	0.7	10	-8.5	0.6	10	-11.2	2.2	10
FL0151.WHE.870731	11.37	72	-21.7	0.8	4	-15.8	0.9	9	-15.9	0.6	9	-22.2	0.6	9	-11.8	0.3	9	-12.7	0.3	9
FL0152.WHE.870731	9.34	21	-12.3	0.1	2	-6.9	0.3	8	-9.9	0.4	8	999.9	999	999	-1.6	0.8	8	-7.8	0.4	8
FL0152.WHE.870731	9.45	31	-15.2	0.7	6	-10.1	0.4	10	-13.7	0.1	10	999.9	999	999	-3.4	0.8	10	-9.2	1.0	10
FL0152.WHE.870731	9.57	40	-15.5	0.4	8	-11.2	0.2	11	-12.3	0.1	11	-20.8	0.9	11	-17.9	1.3	11	-11.2	0.5	11
FL0152.WHE.870731	10.08	47	-16.5	1.2	6	-14.8	0.4	8	-13.9	0.2	8	-20.6	0.7	8	-8.7	0.3	8	-9.2	1.0	8
FL0152.WHE.870731	10.27	71	-22.4	1.4	6	-17.1	0.4	10	-17.5	0.6	10	-25.8	0.9	10	-15.1	0.5	10	-11.6	1.1	10
FL0152.WHE.870731	10.51	22	-15.1	0.3	2	-7.5	0.5	7	-9.9	0.5	7	-17.8	1.7	7	-2.3	1.1	7	-26.3	1.0	7
FL0152.WHE.870731	11.03	28	-14.6	0.5	7	-10.2	0.3	10	-13.0	0.3	10	-21.4	0.5	10	-4.6	1.1	10	-7.1	0.9	10
FL0152.WHE.870731	11.14	39	-18.0	0.4	7	-12.4	0.4	9	-11.1	0.7	9	-21.3	0.9	9	-4.7	0.6	9	-8.0	0.5	9
FL0152.WHE.870731	11.25	50	-19.1	0.6	8	-14.5	0.4	11	-15.0	0.5	11	-23.3	1.0	11	-8.3	0.8	11	-13.1	0.6	11
FL0152.WHE.870731	11.37	71	-23.6	0.7	7	-16.2	0.7	10	-16.4	0.6	10	-23.1	0.8	10	-12.4	0.6	10	-12.7	1.9	10
FL0171.COR.870731	9.34	22	999.9	999	999	-6.7	0.0	1	-10.0	0.0	1	-13.6	0.0	1	0.0	0.0	1	-5.9	0.0	1
FL0171.COR.870731	9.45	31	999.9	999	999	-9.6	0.3	3	-13.7	0.1	3	-16.7	0.7	3	-2.0	0.1	3	-6.5	1.1	3
FL0171.COR.870731	9.57	42	999.9	999	999	-10.6	0.4	3	-11.9	0.1	3	-17.5	0.6	3	-15.4	1.0	3	-9.7	0.1	3
FL0171.COR.870731	10.08	52	999.9	999	999	-14.3	0.3	4	-13.5	0.2	4	-18.8	0.3	4	-8.1	0.3	4	-8.2	0.3	4
FL0171.COR.870731	10.27	70	999.9	999	999	-18.1	1.4	3	-18.8	0.6	3	-24.6	0.2	3	-15.5	0.4	3	-10.2	0.5	3
FL0171.COR.870731	10.51	20	999.9	999	999	-6.9	0.0	2	-9.9	0.1	2	-14.6	0.3	2	-1.0	0.5	2	-20.6	0.8	2
FL0171.COR.870731	11.03	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0171.COR.870731	11.14	40	999.9	999	999	-12.1	0.2	3	-11.3	0.3	3	-18.6	0.2	3	-3.0	0.4	3	-6.0	0.6	3
FL0171.COR.870731	11.25	50	-16.3	0.0	2	-14.6	0.7	3	-15.6	0.2	3	-22.0	0.1	3	-7.8	0.3	3	-11.4	0.3	3
FL0171.COR.870731	11.37	70	999.9	999	999	-17.1	1.0	4	-17.1	0.6	4	-22.2	0.6	4	-12.6	0.2	4	-11.6	0.3	4
FL0180.POT.870731	9.34	21	-9.1	0.6	21	-6.1	0.4	27	-9.8	0.3	27	-11.9	0.8	27	0.0	0.5	27	-4.8	0.5	27
FL0180.POT.870731	9.45	31	-12.5	0.6	25	-9.9	0.3	28	-13.6	0.3	28	-16.9	0.9	28	-2.2	0.5	28	-7.7	0.6	28
FL0180.POT.870731	9.57	41	-12.0	0.8	25	-10.8	0.3	27	-12.7	0.6	27	-19.0	1.1	27	-6.0	0.5	27	-10.5	1.1	27
FL0180.POT.870731	10.08	52	-12.2	0.7	26	-13.6	0.6	29	-13.7	0.5	29	-20.6	0.9	29	-8.3	0.6	29	-9.4	0.7	29
FL0180.POT.870731	10.27	71	-19.0	0.7	29	-17.4	0.9	31	-18.6	0.4	31	-26.5	1.0	31	-15.8	0.8	31	-12.8	1.5	31
FL0180.POT.870731	10.51	21	-11.4	0.3	23	-6.9	0.4	27	-9.9	0.3	27	-12.7	0.8	27	0.0	0.5	27	-20.1	0.9	27

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0180.POT.870731	11.03	29	-12.0	0.4	25	-10.1	0.4	28	-12.9	0.4	28	-17.9	0.7	28	-3.4	0.8	28	-4.5	0.7	28
FL0180.POT.870731	11.14	41	-15.4	0.6	25	-11.9	0.4	27	-11.6	0.4	27	-20.7	1.2	27	-2.7	0.8	27	-6.4	0.6	27
FL0180.POT.870731	11.25	51	-16.4	0.9	26	-14.7	0.5	29	-15.3	0.5	29	-22.0	1.1	29	-9.0	0.5	29	-12.4	1.0	29
FL0180.POT.870731	11.37	72	-19.9	0.9	24	-15.7	1.3	28	-16.4	0.8	28	-23.9	1.3	28	-12.4	0.6	28	-14.6	1.9	28
FL0191.SBT.870731	9.34	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0191.SBT.870731	9.45	31	-13.5	0.5	25	-10.2	0.3	28	-13.5	0.4	28	-15.4	1.2	28	-2.8	0.7	28	-7.6	0.5	28
FL0191.SBT.870731	9.57	42	-14.0	0.8	24	-11.0	0.4	28	-12.5	0.5	28	-17.5	1.1	28	-5.5	0.7	28	-10.0	0.8	28
FL0191.SBT.870731	10.08	51	-14.7	0.9	26	-13.7	0.5	28	-13.7	0.6	28	-18.5	0.8	28	-7.9	0.4	28	-7.8	0.6	28
FL0191.SBT.870731	10.27	70	-20.2	0.7	24	-17.3	0.9	28	-18.1	0.6	28	-23.0	0.6	28	-15.1	0.6	28	-9.3	0.7	28
FL0191.SBT.870731	10.51	21	-13.2	0.4	22	-7.2	0.4	28	-10.1	0.3	28	-13.6	0.8	28	-0.2	0.5	28	-20.8	0.6	28
FL0191.SBT.870731	11.03	30	-13.6	0.5	25	-10.1	0.3	27	-12.9	0.3	27	-17.8	0.7	27	-2.8	0.8	27	-3.9	0.7	27
FL0191.SBT.870731	11.14	43	-17.0	0.8	25	-11.7	0.5	28	-11.3	0.6	28	-19.6	1.0	28	-2.1	0.6	28	-6.0	0.9	28
FL0191.SBT.870731	11.25	51	-17.9	0.7	27	-14.5	0.4	29	-15.5	0.5	29	-19.8	1.6	29	-8.3	0.5	29	-12.0	0.8	29
FL0191.SBT.870731	11.37	70	-22.3	0.8	25	-17.2	1.1	29	-17.3	0.6	29	-20.4	0.5	29	-11.6	0.7	29	-10.7	0.6	29
FL0192.SBT.870731	9.34	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0192.SBT.870731	9.45	31	-13.5	0.5	25	-10.2	0.3	28	-13.5	0.4	28	-15.4	1.2	28	-2.8	0.7	28	-7.6	0.5	28
FL0192.SBT.870731	9.57	42	-14.0	0.8	24	-11.0	0.4	28	-12.5	0.5	28	-17.5	1.1	28	-5.5	0.7	28	-10.0	0.8	28
FL0192.SBT.870731	10.08	51	-14.7	0.9	26	-13.7	0.5	28	-13.7	0.6	28	-18.5	0.8	28	-7.9	0.4	28	-7.8	0.6	28
FL0192.SBT.870731	10.27	70	-20.2	0.7	24	-17.3	0.9	28	-18.1	0.6	28	-23.0	0.6	28	-15.1	0.6	28	-9.3	0.7	28
FL0192.SBT.870731	10.51	21	-13.2	0.4	22	-7.2	0.4	28	-10.1	0.3	28	-13.6	0.8	28	-0.2	0.5	28	-20.8	0.6	28
FL0192.SBT.870731	11.03	30	-13.6	0.5	25	-10.1	0.3	27	-12.9	0.3	27	-17.8	0.7	27	-2.8	0.8	27	-3.9	0.7	27
FL0192.SBT.870731	11.14	43	-17.0	0.8	25	-11.7	0.5	28	-11.3	0.6	28	-19.6	1.0	28	-2.1	0.6	28	-6.0	0.9	28
FL0192.SBT.870731	11.25	51	-17.9	0.7	27	-14.5	0.4	29	-15.5	0.5	29	-19.8	1.6	29	-8.3	0.5	29	-12.0	0.8	29
FL0192.SBT.870731	11.37	70	-22.3	0.8	25	-17.2	1.1	29	-17.3	0.6	29	-20.4	0.5	29	-11.6	0.7	29	-10.7	0.6	29
FL0201.WHE.870731	9.34	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0201.WHE.870731	9.45	28	-12.8	0.1	2	-9.9	0.2	6	-13.9	0.3	6	-20.3	1.2	6	-6.0	0.3	6	-9.7	0.5	6
FL0201.WHE.870731	9.57	42	-14.1	0.7	3	-10.9	0.4	5	-13.1	0.5	5	-22.7	1.2	5	-7.0	0.8	5	-11.8	0.7	5
FL0201.WHE.870731	10.08	52	-15.2	0.8	4	-14.3	0.4	6	-14.7	0.2	6	-24.8	0.7	6	-8.5	0.3	6	-10.9	0.5	6
FL0201.WHE.870731	10.27	71	999.9	999	999	-16.8	0.9	5	-17.8	0.2	5	-26.4	0.3	5	-15.0	0.5	5	-12.1	1.1	5
FL0201.WHE.870731	10.51	21	999.9	999	999	-7.5	0.5	4	-11.4	0.4	4	999.9	999	999	-3.6	0.4	4	-27.2	0.8	4
FL0201.WHE.870731	11.03	33	-13.0	0.1	2	-10.5	0.4	5	-15.3	0.5	5	-25.5	0.6	5	-6.3	0.5	5	-9.6	0.6	5
FL0201.WHE.870731	11.14	42	-16.7	0.9	3	-12.5	0.3	5	-14.3	0.8	5	999.9	999	999	-5.6	0.3	5	-10.3	1.2	5
FL0201.WHE.870731	11.25	51	-18.2	0.7	5	-14.3	0.3	7	-17.1	0.7	7	999.9	999	999	-9.1	0.5	7	-14.6	0.4	7
FL0201.WHE.870731	11.37	70	-25.2	0.0	1	-17.0	0.5	4	-16.4	0.3	4	-23.9	1.2	4	-12.1	0.5	4	-13.0	0.3	4
FL0202.WHE.870731	9.34	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0202.WHE.870731	9.45	31	999.9	999	999	-10.7	0.3	4	-13.7	0.5	4	999.9	999	999	-5.0	0.4	4	-10.5	0.9	4
FL0202.WHE.870731	9.57	42	-15.3	0.0	1	-10.9	0.1	4	-12.9	0.3	4	-23.8	0.5	4	-8.5	0.3	4	-12.9	0.6	4
FL0202.WHE.870731	10.08	52	-16.3	0.0	2	-14.3	0.2	4	-14.2	0.3	4	-24.0	1.4	4	-8.2	0.7	4	-11.8	0.9	4
FL0202.WHE.870731	10.27	71	999.9	999	999	-16.7	0.2	3	-17.6	0.3	3	-26.6	0.4	3	-14.8	0.5	3	-11.8	1.5	3
FL0202.WHE.870731	10.51	21	999.9	999	999	-7.8	0.3	4	-11.8	0.8	4	999.9	999	999	-5.0	1.7	4	-29.6	0.9	4
FL0202.WHE.870731	11.03	31	-15.1	0.6	8	-10.6	0.2	3	-14.1	0.8	3	-23.5	2.3	3	-5.9	0.9	3	-9.6	0.7	3
FL0202.WHE.870731	11.14	43	-18.2	0.4	3	-12.3	0.3	5	-13.0	0.7	5	999.9	999	999	-5.5	2.2	5	-10.8	1.7	5
FL0202.WHE.870731	11.25	52	-18.6	0.7	3	-14.1	0.2	5	-15.2	0.8	5	999.9	999	999	-9.2	0.9	5	-13.3	1.1	5
FL0202.WHE.870731	11.37	71	999.9	999	999	-15.7	0.7	5	-16.2	0.4	5	-23.9	0.2	5	-12.0	0.5	5	-12.8	1.2	5
FL0210.BEA.870731	9.34	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0210.BEA.870731	9.45	34	-16.4	0.5	11	-9.6	0.3	14	-13.4	0.3	14	-18.8	1.2	14	-4.7	0.4	14	-8.9	0.4	14
FL0210.BEA.870731	9.57	42	-16.8	1.0	12	-11.1	0.2	15	-12.7	0.4	15	-20.2	0.8	15	-6.5	0.6	15	-11.2	1.0	15
FL0210.BEA.870731	10.08	50	-17.5	0.6	13	-14.2	0.4	15	-14.3	0.6	15	-20.5	0.9	15	-8.7	0.6	15	-9.6	0.9	15
FL0210.BEA.870731	10.27	70	-21.2	0.5	9	-17.5	0.9	13	-18.5	0.5	13	-25.4	0.5	13	-15.6	0.5	13	-12.0	0.7	13
FL0210.BEA.870731	10.51	20	-14.5	0.6	10	-6.8	0.3	15	-10.5	0.4	15	-16.2	0.8	15	-1.9	0.5	15	-14.5	8.6	15
FL0210.BEA.870731	11.03	32	-14.8	0.6	11	-9.9	0.3	15	-13.1	0.3	15	-19.8	0.6	15	-3.7	0.8	15	-5.7	0.7	15
FL0210.BEA.870731	11.14	41	-17.4	0.8	12	-12.1	0.3	14	-11.5	0.3	14	-20.8	1.1	14	-3.4	0.7	14	-7.3	0.6	14
FL0210.BEA.870731	11.25	49	-17.7	0.5	13	-14.4	0.6	14	-15.2	0.5	14	-21.2	1.3	14	-8.7	0.5	14	-12.0	1.3	14
FL0210.BEA.870731	11.37	75	-19.9	0.6	10	-13.8	0.8	15	-13.7	0.8	15	-20.7	0.8	15	-10.0	0.5	15	-12.2	0.6	15

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0010. BAR. 870908	7. 58	20	-8 3	0. 4	82	-6. 1	0. 3	103	-9. 8	0. 3	103	-9. 5	0. 2	103	-0. 8	0. 5	103	-4. 6	1. 0	103
FL0010. BAR. 870908	8. 09	30	-12 4	0. 5	148	-8. 5	0. 4	151	-11. 3	0. 3	151	-9. 5	0. 4	151	-3. 6	0. 6	151	-5. 7	0. 9	151
FL0010. BAR. 870908	8. 18	41	-16 6	0. 7	145	-12. 3	0. 4	147	-10. 2	0. 4	147	-16. 4	0. 5	147	-13. 8	1. 0	147	-11. 7	1. 1	147
FL0010. BAR. 870908	8. 28	51	-18. 4	0. 7	144	-13. 6	0. 5	146	-14. 5	0. 6	146	-13. 4	0. 6	146	-5. 5	0. 7	146	-9. 8	0. 8	146
FL0010. BAR. 870908	8. 40	71	-21. 7	3. 1	142	-11. 0	1. 6	196	-30. 2	2. 2	196	-19. 1	1. 5	196	-13. 8	1. 2	196	-16. 5	1. 5	196
FL0010. BAR. 870908	8. 54	21	-11. 4	0. 4	137	-5. 9	0. 4	142	-9. 1	0. 3	142	-9. 7	0. 4	142	-1. 3	0. 6	142	-2. 1	1. 1	142
FL0010. BAR. 870908	9. 04	31	-12. 5	0. 5	129	-8. 1	0. 5	131	-10. 3	0. 4	131	-9. 1	0. 6	131	-4. 1	0. 7	131	-6. 3	0. 7	131
FL0010. BAR. 870908	9. 13	40	-18. 4	0. 5	147	-11. 4	0. 3	149	-11. 4	0. 4	149	-12. 8	0. 4	149	-4. 8	0. 6	149	-8. 5	0. 9	149
FL0010. BAR. 870908	9. 23	52	-17. 4	0. 7	143	-11. 1	0. 6	146	-13. 0	0. 7	146	-12. 7	0. 8	146	-6. 7	0. 6	146	-10. 9	0. 9	146
FL0010. BAR. 870908	9. 33	69	-21. 6	0. 7	29	-15. 8	0. 6	29	-15. 5	0. 5	29	-16. 7	0. 5	29	-11. 7	0. 5	29	-10. 9	1. 3	29
FL0022. BEA. 870908	7. 58	21	-7. 3	0. 5	95	-6. 3	0. 3	100	-10. 0	0. 3	100	-9. 6	0. 6	100	-1. 1	0. 7	100	-5. 3	1. 2	100
FL0022. BEA. 870908	8. 09	31	-11. 3	0. 5	97	-8. 4	0. 4	100	-11. 3	0. 3	100	-9. 4	0. 5	100	-3. 5	0. 8	100	-6. 1	1. 0	100
FL0022. BEA. 870908	8. 18	42	-15. 6	0. 7	96	-12. 0	0. 5	98	-10. 0	0. 5	98	-16. 0	0. 8	98	-14. 0	0. 8	98	-11. 4	0. 9	98
FL0022. BEA. 870908	8. 28	51	-16 9	0. 9	99	-13. 5	0. 5	102	-14. 0	0. 5	102	-12. 9	0. 7	102	-4. 8	0. 6	102	-9. 2	0. 6	102
FL0022. BEA. 870908	8. 40	71	-17. 8	1. 0	97	-9. 2	0. 8	100	-27. 1	0. 6	100	-19. 0	1. 1	100	-13. 1	0. 8	100	-15. 8	1. 2	100
FL0022. BEA. 870908	8. 54	21	-11. 1	0. 6	91	-6. 3	0. 4	97	-9. 3	0. 4	97	-9. 6	0. 7	97	-2. 1	0. 7	97	-3. 5	0. 9	97
FL0022. BEA. 870908	9. 04	30	-12. 7	0. 5	99	-8. 7	0. 6	102	-10. 6	0. 4	102	-9. 2	0. 7	102	-4. 2	0. 7	102	-6. 5	1. 0	102
FL0022. BEA. 870908	9. 13	41	-18. 0	0. 6	98	-11. 2	0. 4	101	-11. 2	0. 5	101	-12. 5	0. 6	101	-4. 7	0. 7	101	-8. 4	0. 9	101
FL0022. BEA. 870908	9. 23	52	-15. 8	0. 9	97	-10. 3	0. 6	100	-12. 1	0. 6	100	-12. 1	0. 7	100	-6. 1	0. 7	100	-10. 5	0. 9	100
FL0030. WHE. 870908	9. 33	69	-19. 3	1. 5	101	-14. 3	1. 0	103	-13. 8	0. 7	103	-16. 0	0. 6	103	-11. 1	0. 6	103	-9. 4	0. 9	103
FL0030. WHE. 870908	7. 58	20	-11. 6	0. 7	40	-6. 1	0. 3	45	-9. 8	0. 4	45	-9. 7	0. 7	45	-2. 8	1. 1	45	-7. 9	1. 1	45
FL0030. WHE. 870908	8. 09	29	-14. 5	0. 5	42	-8. 8	0. 3	45	-11. 6	0. 3	45	-10. 0	0. 6	45	-5. 2	0. 8	45	-8. 9	0. 8	45
FL0030. WHE. 870908	8. 18	40	-19. 5	0. 7	42	-12. 4	0. 5	44	-10. 2	0. 4	44	-16. 3	0. 7	44	-18. 0	1. 0	44	-12. 9	0. 8	44
FL0030. WHE. 870908	8. 28	50	-21. 3	0. 8	45	-14. 0	0. 5	46	-14. 8	0. 7	46	-13. 7	0. 7	46	-6. 8	0. 8	46	-11. 3	0. 8	46
FL0030. WHE. 870908	8. 40	72	-25. 0	0. 9	39	-10. 1	0. 7	44	-28. 8	0. 5	44	-19. 1	1. 1	44	-15. 3	0. 8	44	-17. 0	1. 7	44
FL0030. WHE. 870908	8. 54	21	-14. 3	0. 6	40	-6. 3	0. 5	45	-9. 4	0. 4	45	-9. 5	1. 0	45	-3. 3	0. 9	45	-5. 4	1. 1	45
FL0030. WHE. 870908	9. 04	30	-14. 8	0. 6	43	-8. 8	0. 4	45	-11. 0	0. 4	45	-9. 9	0. 6	45	-5. 9	0. 9	45	-8. 0	0. 9	45
FL0030. WHE. 870908	9. 13	40	-20. 3	0. 4	43	-11. 7	0. 4	46	-11. 7	0. 6	46	-13. 0	0. 7	46	-6. 6	0. 9	46	-9. 8	1. 0	46
FL0030. WHE. 870908	9. 23	50	-19. 9	0. 6	44	-11. 7	0. 6	46	-13. 4	0. 7	46	-13. 0	0 8	46	-8. 0	0. 8	46	-11. 9	1. 0	46
FL0030. WHE. 870908	9. 33	69	-24. 4	0. 6	43	-15. 3	1. 0	46	-14. 5	0. 6	46	-16. 5	0. 7	46	-12. 2	0. 8	46	-11. 6	1. 0	46
FL0040. WHE. 870908	7. 58	20	-15. 0	0. 6	12	-7. 2	0. 5	17	-10. 8	0. 3	17	-10. 2	0. 3	17	-2. 5	0. 5	17	-6. 3	1. 4	17
FL0040. WHE. 870908	8. 09	31	-14. 9	1. 2	19	-9. 6	0. 7	22	-12. 1	0. 5	22	-9. 9	0. 4	22	-4. 4	0. 9	22	-8. 0	0. 8	22
FL0040. WHE. 870908	8. 18	41	-19. 5	1. 2	19	-12. 9	0. 5	22	-10. 5	0. 4	22	-16. 7	0. 5	22	-16. 6	1. 2	22	-12. 4	1. 3	22
FL0040. WHE. 870908	8. 28	50	-22. 1	0. 6	20	-14. 7	0. 6	22	-15. 2	0. 6	22	-13. 6	0. 8	22	-6. 1	0. 9	22	-10. 9	1. 0	22
FL0040. WHE. 870908	8. 40	71	-27. 5	1. 4	19	-12. 6	0. 6	22	-32. 4	0. 7	22	-20. 2	0. 8	22	-15. 0	0. 9	22	-17. 8	1. 9	22
FL0040. WHE. 870908	8. 54	20	-15. 4	0. 5	17	-7. 0	0. 6	21	-10. 0	0. 4	21	-10. 3	0. 7	21	-3. 0	1. 2	21	-4. 7	1. 2	21
FL0040. WHE. 870908	9. 04	30	-14. 7	0. 6	17	-9. 6	0. 8	20	-11. 4	0. 5	20	-9. 5	0. 8	20	-4. 8	1. 1	20	-7. 7	1. 0	20
FL0040. WHE. 870908	9. 13	41	-20. 1	0. 6	21	-11. 5	0. 4	23	-11. 8	0. 9	23	-13. 3	0. 7	23	-6. 1	1. 1	23	-9. 5	1. 3	23
FL0040. WHE. 870908	9. 23	50	-21. 0	0. 7	22	-11. 7	0. 5	24	-13. 6	1. 0	24	-13. 2	0. 8	24	-7. 5	0. 9	24	-12. 0	1. 1	24
FL0040. WHE. 870908	9. 33	69	-24. 8	1. 4	20	-16. 0	1. 0	23	-15. 5	1. 4	23	-16. 9	1. 1	23	-12. 4	1. 0	23	-12. 6	1. 9	23
FL0051. SBT. 870908	7. 58	21	-11. 1	0. 5	16	-7. 0	0. 5	20	-10. 0	0. 4	20	-9. 5	0. 3	20	0. 2	0. 4	20	-3. 3	0. 9	20
FL0051. SBT. 870908	8. 09	29	-13. 9	0. 3	18	-8. 7	0. 4	22	-11. 6	0. 5	22	-9. 3	0. 5	22	-3. 2	0. 7	22	-5. 2	0. 7	22
FL0051. SBT. 870908	8. 18	40	-17. 0	0. 5	18	-12. 6	0. 4	21	-10. 0	0. 3	21	-16. 4	0. 3	21	-9. 5	0. 8	21	-10. 5	1. 0	21
FL0051. SBT. 870908	8. 28	53	-18. 7	0. 4	20	-13. 0	0. 5	22	-13. 7	0. 5	22	-12. 9	0. 5	22	-4. 0	0. 6	22	-8. 2	0. 6	22
FL0051. SBT. 870908	8. 40	73	-22. 2	0. 8	18	-9. 0	0. 5	22	-26. 8	0. 9	22	-17. 3	2. 1	22	-11. 7	1. 3	22	-14. 5	2. 8	22
FL0051. SBT. 870908	8. 54	21	-13. 6	0. 6	15	-6. 7	0. 5	19	-9. 3	0. 4	19	-9. 7	0. 3	19	-1. 0	0. 3	19	-1. 6	0. 5	19
FL0051. SBT. 870908	9. 04	30	-14. 9	0. 4	17	-8. 5	0. 4	20	-10. 4	0. 4	20	-8. 6	0. 8	20	-3. 6	0. 7	20	-5. 5	0. 5	20
FL0051. SBT. 870908	9. 13	40	-19. 3	0. 4	20	-11. 3	0. 4	22	-11. 1	0. 4	22	-12. 4	0. 3	22	-4. 1	0. 5	22	-7. 5	0. 9	22
FL0051. SBT. 870908	9. 23	54	-18. 4	0. 5	19	-10. 3	0. 5	22	-11. 9	0. 4	22	-11. 9	0. 4	22	-5. 6	0. 4	22	-9. 9	0. 7	22
FL0051. SBT. 870908	9. 33	69	-23 0	0. 9	19	-14. 9	0. 4	23	-13. 9	0. 4	23	-15. 9	0. 4	23	-10. 9	0. 3	23	-8. 9	0. 4	23
FL0052. SBT. 870908	7. 58	21	-11. 1	0. 5	16	-7. 0	0. 5	20	-10. 0	0. 4	20	-9. 5	0. 3	20	0. 2	0 4	20	-3. 3	0. 9	20
FL0052. SBT. 870908	8. 09	29	-13. 9	0. 3	18	-8. 7	0. 4	22	-11. 6	0. 5	22	-9. 3	0. 5	22	-3. 2	0. 7	22	-5. 2	0. 7	22
FL0052. SBT. 870908	8. 18	40	-17. 0	0. 5	18	-12. 6	0 4	21	-10. 0	0. 3	21	-16. 4	0. 3	21	-9. 5	0. 8	21	-10. 5	1. 0	21
FL0052. SBT. 870908	8. 28	53	-18. 7	0. 4	20	-13. 0	0. 5	22	-13. 7	0. 5	22	-12 9	0. 5	22	-4. 0	0. 6	22	-8. 2	0. 6	22

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0052.SBT.870908	8.40	73	-22.2	0.8	18	-9.0	0.5	22	-26.8	0.9	22	-17.3	2.1	22	-11.7	1.3	22	-14.5	2.8	22
FL0052.SBT.870908	8.54	21	-13.6	0.6	15	-6.7	0.5	19	-9.3	0.4	19	-9.7	0.3	19	-1.0	0.3	19	-1.6	0.5	19
FL0052.SBT.870908	9.04	30	-14.9	0.4	17	-8.5	0.4	20	-10.4	0.4	20	-8.6	0.8	20	-3.6	0.7	20	-5.5	0.5	20
FL0052.SBT.870908	9.13	40	-19.3	0.4	20	-11.3	0.4	22	-11.1	0.4	22	-12.4	0.3	22	-4.1	0.5	22	-7.5	0.9	22
FL0052.SBT.870908	9.23	54	-18.4	0.5	19	-10.3	0.5	22	-11.9	0.4	22	-11.9	0.4	22	-5.6	0.4	22	-9.9	0.7	22
FL0052.SBT.870908	9.33	69	-23.0	0.9	19	-14.9	0.4	23	-13.9	0.4	23	-15.9	0.4	23	-10.9	0.3	23	-8.9	0.4	23
FL0061.POT.870908	7.58	20	-8.4	0.4	8	-6.0	0.3	12	-9.8	0.2	12	-9.4	0.1	12	0.2	0.3	12	-3.5	0.4	12
FL0061.POT.870908	8.09	32	-11.7	0.5	10	-8.1	0.5	14	-11.3	0.3	14	-9.1	0.4	14	-2.7	0.4	14	-4.9	0.7	14
FL0061.POT.870908	8.18	43	-16.0	0.6	11	-11.6	0.2	13	-9.6	0.5	13	-15.9	0.4	13	-10.2	0.7	13	-10.7	0.6	13
FL0061.POT.870908	8.28	52	-16.9	0.2	12	-12.9	0.6	14	-14.0	0.3	14	-13.1	0.5	14	-4.5	0.7	14	-8.8	0.6	14
FL0061.POT.870908	8.40	72	-19.5	0.5	10	-9.9	0.4	13	-30.2	0.7	13	-18.6	1.2	13	-13.7	0.8	13	-16.3	0.9	13
FL0061.POT.870908	8.54	21	-11.8	0.4	8	-6.1	0.5	12	-9.2	0.2	12	-9.3	0.3	12	-0.4	0.5	12	-0.8	1.1	12
FL0061.POT.870908	9.04	28	-13.0	0.3	11	-8.6	0.6	14	-10.2	0.5	14	-8.4	0.6	14	-3.3	0.5	14	-5.0	1.1	14
FL0061.POT.870908	9.13	40	-18.4	0.4	12	-11.4	0.3	14	-11.1	0.3	14	-12.5	0.4	14	-4.5	0.5	14	-7.7	0.8	14
FL0061.POT.870908	9.23	51	-17.3	0.6	12	-10.8	0.6	15	-12.7	0.5	15	-12.6	0.3	15	-6.1	0.4	15	-10.8	0.5	15
FL0061.POT.870908	9.33	70	-21.4	1.0	9	-14.9	0.4	13	-14.5	0.3	13	-16.3	0.4	13	-11.1	0.6	13	-10.1	1.4	13
FL0062.POT.870908	7.58	21	-8.9	0.5	26	-6.2	0.4	32	-9.9	0.4	32	-9.4	0.3	32	0.2	0.4	32	-3.4	0.5	32
FL0062.POT.870908	8.09	31	-12.3	0.4	29	-8.3	0.5	32	-11.4	0.6	32	-9.0	0.7	32	-2.9	0.6	32	-5.1	0.7	32
FL0062.POT.870908	8.18	41	-15.9	0.5	30	-12.1	0.4	33	-10.3	0.4	33	-16.5	0.6	33	-11.4	0.8	33	-11.0	1.2	33
FL0062.POT.870908	8.28	51	-17.5	0.9	32	-13.8	0.5	34	-14.4	0.5	34	-13.0	0.8	34	-4.7	0.6	34	-8.8	0.6	34
FL0062.POT.870908	8.40	70	-20.2	0.7	29	-10.5	0.5	32	-29.9	0.7	32	-20.3	0.7	32	-14.6	0.7	32	-17.3	1.1	32
FL0062.POT.870908	8.54	21	-11.8	0.3	26	-6.3	0.3	30	-9.1	0.4	30	-9.3	0.7	30	-0.4	0.4	30	-0.6	0.8	30
FL0062.POT.870908	9.04	32	-12.9	0.4	28	-7.9	0.4	30	-10.1	0.4	30	-8.4	0.6	30	-3.3	0.6	30	-5.3	0.8	30
FL0062.POT.870908	9.13	43	-18.0	0.7	30	-10.6	0.3	32	-10.7	0.5	32	-12.3	0.5	32	-4.4	0.4	32	-8.1	0.5	32
FL0062.POT.870908	9.23	50	-17.8	0.6	31	-11.1	0.5	33	-12.9	0.5	33	-12.6	0.8	33	-6.4	0.5	33	-10.8	0.6	33
FL0062.POT.870908	9.33	70	-21.9	0.8	30	-14.7	0.7	33	-14.7	0.5	33	-16.5	0.7	33	-11.9	0.7	33	-11.0	1.0	33
FL0072.WHE.870908	7.58	20	-6.6	1.0	29	-6.3	0.2	34	-10.1	0.4	34	-9.7	0.3	34	-1.2	0.6	34	-5.2	0.9	34
FL0072.WHE.870908	8.09	31	-11.2	0.6	32	-8.7	0.5	35	-11.6	0.4	35	-9.6	0.5	35	-3.6	0.7	35	-6.6	0.9	35
FL0072.WHE.870908	8.18	40	-16.5	0.8	32	-12.6	0.4	34	-10.3	0.4	36	-16.7	0.4	36	-14.0	1.0	36	-11.8	0.9	36
FL0072.WHE.870908	8.28	51	-17.3	1.9	33	-13.9	0.4	34	-14.6	0.5	36	-13.3	0.6	36	-5.6	0.8	36	-9.8	0.6	36
FL0072.WHE.870908	8.40	70	-22.1	1.6	13	-10.7	0.8	15	-24.6	0.8	15	-19.9	0.8	15	-14.5	0.6	15	-17.1	1.0	15
FL0072.WHE.870908	8.54	21	-10.3	0.9	28	-6.4	0.5	32	-9.3	0.4	32	-10.0	0.4	32	-2.0	0.6	32	-3.1	1.1	32
FL0072.WHE.870908	9.04	30	-11.6	0.7	32	-8.5	0.3	35	-10.7	0.4	35	-9.4	0.7	35	-4.7	0.8	35	-7.1	1.4	35
FL0072.WHE.870908	9.13	40	-17.6	1.0	33	-11.4	0.4	36	-11.8	0.5	36	-13.1	0.6	36	-5.4	0.7	36	-9.0	0.8	36
FL0072.WHE.870908	9.23	50	-17.0	0.9	34	-11.8	0.5	35	-13.6	0.6	35	-13.0	0.4	35	-7.0	0.6	35	-11.3	0.7	35
FL0072.WHE.870908	9.33	70	-20.8	1.0	31	-15.1	1.0	34	-14.1	0.6	34	-16.1	0.7	34	-11.3	0.6	34	-10.6	1.1	34
FL0091.POT.870908	7.58	22	-8.4	0.3	16	-6.5	0.2	20	-9.9	0.3	20	-9.5	0.6	20	-0.6	0.6	20	-4.6	1.4	20
FL0091.POT.870908	8.09	28	-12.1	0.6	18	-8.5	0.3	21	-11.7	0.5	21	-9.7	0.5	21	-3.8	0.8	21	-6.1	1.0	21
FL0091.POT.870908	8.18	41	-15.6	0.5	19	-12.0	0.4	21	-10.2	0.3	21	-16.6	0.2	21	-13.3	0.8	21	-11.2	1.0	21
FL0091.POT.870908	8.28	50	-17.5	1.0	21	-13.8	0.5	23	-14.7	0.4	23	-13.5	0.6	23	-5.0	0.7	23	-9.4	0.8	23
FL0091.POT.870908	8.40	72	-14.2	5.0	18	-6.1	3.3	22	-26.3	4.0	22	-17.7	2.2	22	-13.2	0.9	22	-16.2	1.2	22
FL0091.POT.870908	8.54	21	-11.4	0.3	16	-5.8	0.3	21	-9.1	0.4	21	-9.4	0.9	21	-1.7	0.8	21	-2.8	1.1	21
FL0091.POT.870908	9.04	29	-12.7	0.5	19	-8.3	0.2	22	-10.7	0.4	22	-9.5	0.4	22	-4.6	0.6	22	-6.2	0.6	22
FL0091.POT.870908	9.13	41	-17.8	0.5	20	-11.1	0.4	23	-10.8	0.9	23	-12.7	0.4	23	-4.5	0.6	23	-14.8	7.4	23
FL0091.POT.870908	9.23	49	-17.0	0.7	21	-10.5	0.4	23	-12.7	0.7	23	-12.3	0.6	23	-6.5	0.6	23	-10.4	1.2	23
FL0091.POT.870908	9.33	69	-20.5	1.0	18	-14.2	1.2	22	-13.6	0.8	22	-15.7	1.1	22	-11.0	0.9	22	-10.3	0.6	22
FL0100.POT.870908	7.58	21	-8.7	0.4	26	-6.3	0.4	31	-10.1	0.3	31	-9.5	0.3	31	0.0	0.6	31	-3.3	0.9	31
FL0100.POT.870908	8.09	30	-12.1	0.4	28	-8.5	0.3	31	-11.3	0.3	31	-9.2	0.4	31	-2.8	0.6	31	-4.5	0.5	31
FL0100.POT.870908	8.18	40	-15.7	0.3	29	-12.3	0.3	31	-10.0	0.4	31	-16.3	0.4	31	-10.2	1.1	31	-10.3	1.0	31
FL0100.POT.870908	8.28	50	-17.0	1.0	31	-13.7	0.5	33	-14.5	0.6	33	-13.4	0.6	33	-4.6	0.6	33	-8.6	0.9	33
FL0100.POT.870908	8.40	73	-19.6	0.8	26	-10.0	0.6	30	-30.7	1.0	30	-18.5	1.7	30	-13.8	0.5	30	-16.6	1.3	30
FL0100.POT.870908	8.54	20	-11.9	0.4	27	-6.3	0.4	32	-9.3	0.4	32	-9.6	0.6	32	-0.6	0.6	32	-1.2	0.8	32
FL0100.POT.870908	9.04	31	-12.8	0.5	29	-8.2	0.3	32	-10.2	0.4	32	-9.0	0.4	32	-3.6	0.4	32	-5.1	0.7	32
FL0100.POT.870908	9.13	42	-18.1	0.5	30	-11.0	0.4	32	-11.1	0.4	32	-12.7	0.4	32	-4.3	0.8	32	-7.9	0.9	32

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0100. POT. 870908	9.23	50	-17.1	0.6	31	-10.8	0.5	33	-12.8	0.6	33	-12 3	0.6	33	-6.2	0.6	33	-10.8	0.7	33
FL0100. POT. 870908	9.33	69	-21.9	0.8	28	-15.1	1.2	31	-14.8	0.6	31	-16.4	0.8	31	-11.8	0.6	31	-10.8	0.8	31
FL0113. WHE. 870908	7.58	20	-13.0	0.7	19	-7.1	0.3	24	-11.2	0.6	24	-10.3	0.4	24	-3.4	0.5	24	-7.3	0.8	24
FL0113. WHE. 870908	8.09	32	-14.4	0.9	18	-9.2	0.5	20	-12.6	0.6	20	-10.3	0.6	20	-5.4	0.8	20	-9.0	0.7	20
FL0113. WHE. 870908	8.18	41	-20.1	0.9	23	-13.0	0.4	26	-11.0	0.7	26	-16.7	0.4	26	-17.6	1.2	26	-12.5	1.1	26
FL0113. WHE. 870908	8.28	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0113. WHE. 870908	8.40	71	-26.7	1.4	21	-14.3	0.8	25	-16.6	1.2	25	-20.5	0.8	25	-14.5	0.9	25	-18.0	1.3	25
FL0113. WHE. 870908	8.54	19	-14.7	0.6	21	-7.2	0.5	25	-10.8	0.6	25	-10.7	0.2	25	-3.6	0.8	25	-5.9	1.2	25
FL0113. WHE. 870908	9.04	31	-15.0	0.7	23	-9.2	0.6	26	-11.8	0.5	26	-10.1	0.9	26	-5.5	1.1	26	-7.8	1.1	26
FL0113. WHE. 870908	9.13	40	-20.7	0.7	24	-12.2	0.6	26	-12.8	0.7	26	-13.3	0.6	26	-5.7	0.9	26	-9.4	1.3	26
FL0113. WHE. 870908	9.23	50	-21.4	0.9	24	-12.4	0.5	26	-14.0	1.0	26	-13.6	0.8	26	-7.9	0.9	26	-11.9	1.1	26
FL0113. WHE. 870908	9.33	69	-22.9	0.4	23	-15.3	1.0	27	-14.7	0.8	27	-16.5	0.9	27	-12.1	0.8	27	-12.2	1.3	27
FL0114. WHE. 870908	7.58	20	-13.0	0.7	19	-7.1	0.3	24	-11.2	0.6	24	-10.3	0.4	24	-3.4	0.5	24	-7.3	0.8	24
FL0114. WHE. 870908	8.09	32	-14.4	0.9	18	-9.2	0.5	20	-12.6	0.6	20	-10.3	0.6	20	-5.4	0.8	20	-9.0	0.7	20
FL0114. WHE. 870908	8.18	41	-20.1	0.9	23	-13.0	0.4	26	-11.0	0.7	26	-16.7	0.4	26	-17.6	1.2	26	-12.5	1.1	26
FL0114. WHE. 870908	8.28	999	999.9	999	999	999.9	999	999	999.9	999	999	999 9	999	999	999.9	999	999	999.9	999	999
FL0114. WHE. 870908	8.40	71	-26 7	1.4	21	-14.3	0.8	25	-16.6	1.2	25	-20.5	0.8	25	-14.5	0.9	25	-18.0	1.3	25
FL0114. WHE. 870908	8.54	19	-14.7	0.6	21	-7.2	0.5	25	-10.8	0.6	25	-10.7	0.2	25	-3.6	0.8	25	-5.9	1.2	25
FL0114. WHE. 870908	9.04	31	-15.0	0.7	23	-9.2	0.6	26	-11.8	0.5	26	-10.1	0.9	26	-5.5	1.1	26	-7.8	1.1	26
FL0114. WHE. 870908	9.13	40	-20.7	0.7	24	-12.2	0.6	26	-12.8	0.7	26	-13.3	0.6	26	-5.7	0.9	26	-9.4	1.3	26
FL0114. WHE. 870908	9.23	50	-21.4	0.9	24	-12 4	0.5	26	-14.0	1.0	26	-13.6	0.8	26	-7.9	0.9	26	-11.9	1.1	26
FL0114. WHE. 870908	9.33	69	-22.9	0 4	23	-15.3	1.0	27	-14.7	0.8	27	-16.5	0.9	27	-12.1	0.8	27	-12.2	1.3	27
FL0115. WHE. 870908	7.58	20	-13.0	0.7	19	-7.1	0.3	24	-11.2	0.6	24	-10.3	0.4	24	-3.4	0.5	24	-7.3	0.8	24
FL0115. WHE. 870908	8.09	32	-14.4	0.9	18	-9.2	0.5	20	-12.6	0.6	20	-10.3	0.6	20	-5.4	0.8	20	-9.0	0.7	20
FL0115. WHE. 870908	8.18	41	-20.1	0.9	23	-13.0	0.4	26	-11.0	0.7	26	-16.7	0.4	26	-17.6	1.2	26	-12.5	1.1	26
FL0115. WHE. 870908	8.28	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0115. WHE. 870908	8.40	71	-26.7	1.4	21	-14.3	0.8	25	-16.6	1.2	25	-20.5	0.8	25	-14.5	0.9	25	-18.0	1.3	25
FL0115. WHE. 870908	8.54	19	-14.7	0.6	21	-7.2	0.5	25	-10.8	0.6	25	-10.7	0.2	25	-3.6	0.8	25	-5.9	1.2	25
FL0115. WHE. 870908	9.04	31	-15.0	0.7	23	-9.2	0.6	26	-11.8	0.5	26	-10.1	0.9	26	-5.5	1.1	26	-7.8	1.1	26
FL0115. WHE. 870908	9.13	40	-20.7	0.7	24	-12.2	0.6	26	-12.8	0.7	26	-13.3	0.6	26	-5.7	0.9	26	-9.4	1.3	26
FL0115. WHE. 870908	9.23	50	-21.4	0.9	24	-12.4	0.5	26	-14.0	1.0	26	-13.6	0.8	26	-7.9	0.9	26	-11.9	1.1	26
FL0115. WHE. 870908	9.33	69	-22.9	0.4	23	-15.3	1.0	27	-14.7	0.8	27	-16.5	0.9	27	-12.1	0.8	27	-12.2	1.3	27
FL0121. SBT. 870908	7.58	20	-10.0	0.5	27	-6.8	0.3	32	-10.2	0.4	32	-9.6	0.5	32	0.0	1.0	32	-3.5	1.1	32
FL0121. SBT. 870908	8.09	30	-13.6	0.4	29	-8.6	0.7	33	-11.3	0.5	33	-9.0	0.6	33	-2.5	0.7	33	-4.6	0.6	33
FL0121. SBT. 870908	8.18	41	-16 7	0.6	31	-12.2	0.5	33	-10.6	0.3	33	-16.3	0.5	33	-2.6	1.4	33	-10.9	0.8	33
FL0121. SBT. 870908	8.28	51	-18 4	0.9	32	-13.6	0.4	34	-14.2	0.6	34	-13.1	0.5	34	-4.1	0.5	34	-8.0	0.6	34
FL0121. SBT. 870908	8.40	71	-21.4	0.7	29	-8.8	0.5	33	-10.6	0.4	33	-17.5	1.2	33	-11.6	0.6	33	-14.8	1.1	33
FL0121. SBT. 870908	8.54	22	-13.2	0.4	28	-6.3	0.5	32	-9.4	0.3	32	-9.6	0.6	32	-1.1	0.7	32	-2.2	0.8	32
FL0121. SBT. 870908	9.04	31	-14.3	0.6	31	-8.4	0.3	33	-10.2	0.3	33	-8.8	0.3	33	-3.4	0.6	33	-5.2	0.6	33
FL0121. SBT. 870908	9.13	41	-19.0	0.5	31	-11.0	0.4	34	-10.9	0.5	34	-12 2	0.8	34	-3.9	0.7	34	-7.7	1.5	34
FL0121. SBT. 870908	9.23	52	-18.2	0.6	32	-10.7	0.5	34	-12.3	0.5	34	-12.0	0.5	34	-5.5	0.6	34	-10.2	0.6	34
FL0121. SBT. 870908	9.33	69	-22.5	1.0	31	-15.0	1.2	34	-14.0	0.9	34	-15.5	1.0	34	-10.9	0.8	34	-8.7	0.9	34
FL0122. SBT. 870908	7.58	20	-10.0	0.5	27	-6.8	0.3	32	-10.2	0.4	32	-9.6	0.5	32	0.0	1.0	32	-3.5	1.1	32
FL0122. SBT. 870908	8.09	30	-13.6	0.4	29	-8.6	0.7	33	-11.3	0.5	33	-9.0	0.6	33	-2.5	0.7	33	-4.6	0.6	33
FL0122. SBT. 870908	8.18	41	-16 7	0.6	31	-12.2	0.5	33	-10.6	0.3	33	-16.3	0.5	33	-2.6	1.4	33	-10.9	0.8	33
FL0122. SBT. 870908	8.28	51	-18.4	0.9	32	-13.6	0.4	34	-14.2	0.6	34	-13.1	0.5	34	-4.1	0.5	34	-8.0	0.6	34
FL0122. SBT. 870908	8.40	71	-21.4	0.7	29	-8.8	0.5	33	-10.6	0.4	33	-17 5	1.2	33	-11.6	0.6	33	-14.8	1.1	33
FL0122. SBT. 870908	8.54	22	-13.2	0.4	28	-6.3	0.5	32	-9.4	0.3	32	-9 6	0 6	32	-1.1	0.7	32	-2.2	0.8	32
FL0122. SBT. 870908	9.04	31	-14.3	0 6	31	-8 4	0.3	33	-10.2	0.3	33	-8.8	0.3	33	-3.4	0.6	33	-5.2	0.6	33
FL0122. SBT. 870908	9.13	41	-19.0	0.5	31	-11.0	0.4	34	-10.9	0.5	34	-12.2	0.8	34	-3.9	0.7	34	-7.7	1.5	34
FL0122. SBT. 870908	9.23	52	-18.2	0.6	32	-10.7	0.5	34	-12.3	0.5	34	-12 0	0.5	34	-5.5	0.6	34	-10.2	0.6	34
FL0122. SBT. 870908	9.33	69	-22.5	1.0	31	-15.0	1.2	34	-14.0	0.9	34	-15.5	1.0	34	-10.9	0.8	34	-8.7	0.9	34
FL0130. SBT. 870908	7.58	20	-10.8	0.6	30	-6.7	0.4	34	-10.1	0.2	36	-9 5	0.3	36	0.0	0.6	36	-3.0	1.2	36
FL0130. SBT. 870908	8.09	33	-14 0	0.5	32	-8.5	0.5	36	-11.3	0.3	36	-9.1	0.3	36	-2.8	0.5	36	-4.6	0.7	36

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0130. SBT. 870908	8. 18	40	-16. 9	0. 7	33	-12. 2	0. 3	35	-10. 7	0. 4	35	-16. 3	0. 4	35	-2. 4	0. 6	35	-10. 7	0. 6	35
FL0130. SBT. 870908	8. 28	50	-18. 7	1. 1	35	-13. 9	0. 5	37	-14. 5	0. 4	37	-13. 5	0. 4	37	-4. 4	0. 7	37	-8. 6	0. 5	37
FL0130. SBT. 870908	8. 40	71	-21. 7	0. 6	33	-8. 8	0. 5	35	-10. 5	0. 3	35	-17. 7	0. 8	35	-11. 6	0. 5	35	-13. 9	1. 6	35
FL0130. SBT. 870908	8. 54	21	-13. 7	0. 6	29	-6. 7	0. 4	34	-9. 6	0. 4	34	-9. 5	0. 5	34	-0. 8	0. 6	34	-1. 7	1. 0	34
FL0130. SBT. 870908	9. 04	31	-14. 5	0. 5	33	-8. 4	0. 4	36	-10. 3	0. 4	36	-8. 7	0. 6	36	-3. 2	0. 6	36	-5. 0	1. 0	36
FL0130. SBT. 870908	9. 13	40	-19. 1	0. 6	35	-11. 4	0. 3	36	-11. 0	0. 3	36	-12. 5	0. 4	36	-4. 0	0. 6	36	-7. 4	0. 7	36
FL0130. SBT. 870908	9. 23	51	-18. 4	0. 5	36	-10. 6	0. 5	38	-12. 4	0. 6	38	-12. 2	0. 5	38	-5. 8	0. 4	38	-9. 8	0. 8	38
FL0130. SBT. 870908	9. 33	69	-22. 9	0. 8	34	-15. 1	0. 9	37	-14. 0	0. 6	37	-16. 0	0. 6	37	-10. 9	0. 6	37	-8. 9	0. 9	37
FL0140. POT. 870908	7. 58	20	-8. 6	0. 4	28	-6. 1	0. 4	33	-10. 0	0. 4	33	-9. 4	0. 6	33	-0. 1	0. 7	33	-3. 6	1. 0	33
FL0140. POT. 870908	8. 09	30	-12. 1	0. 4	30	-8. 3	0. 3	33	-11. 3	0. 3	33	-9. 3	0. 4	33	-3. 0	0. 6	33	-4. 9	0. 6	33
FL0140. POT. 870908	8. 18	40	-15. 9	0. 5	31	-12. 3	0. 3	33	-10. 8	0. 4	33	-16. 4	0. 5	33	-2. 3	0. 5	33	-10. 5	0. 7	33
FL0140. POT. 870908	8. 28	50	-17. 0	0. 9	33	-13. 3	0. 4	35	-14. 3	0. 5	35	-13. 0	0. 8	35	-4. 5	0. 7	35	-8. 6	1. 1	35
FL0140. POT. 870908	8. 40	71	-19. 8	0. 7	30	-9. 9	0. 5	34	-13. 1	0. 5	34	-19. 0	1. 0	34	-12. 9	0. 6	34	-16. 5	1. 2	34
FL0140. POT. 870908	8. 54	20	-11. 8	0. 5	28	-6. 2	0. 3	32	-9. 3	0. 3	32	-9. 4	0. 6	32	-0. 6	0. 7	32	-1. 5	1. 0	32
FL0140. POT. 870908	9. 04	29	-12. 9	0. 4	31	-8. 3	0. 4	35	-10. 3	0. 4	35	-8. 7	0. 7	35	-3. 7	0. 7	35	-5. 6	0. 8	35
FL0140. POT. 870908	9. 13	42	-17. 8	0. 6	32	-10. 6	0. 3	34	-10. 7	0. 5	34	-12. 1	0. 5	34	-4. 1	0. 5	34	-7. 5	0. 8	34
FL0140. POT. 870908	9. 23	51	-17. 5	0. 5	34	-10. 7	0. 3	35	-12. 8	0. 5	35	-12. 5	0. 5	35	-6. 3	0. 6	35	-10. 7	1. 0	35
FL0140. POT. 870908	9. 33	69	-22. 1	0. 8	32	-14. 9	1. 0	35	-15. 0	0. 5	35	-16. 6	0. 6	35	-11. 9	0. 7	35	-10. 6	1. 3	35
FL0151. WHE. 870908	7. 58	23	-13. 7	0. 8	4	-7. 0	0. 4	9	-10. 4	0. 2	9	-9. 9	0. 5	9	-1. 6	0. 8	9	-4. 9	1. 5	9
FL0151. WHE. 870908	8. 09	29	-14. 3	0. 3	7	-9. 0	0. 5	10	-11. 8	0. 3	10	-9. 8	0. 5	10	-4. 1	0. 7	10	-6. 5	0. 9	10
FL0151. WHE. 870908	8. 18	39	-17. 9	0. 4	8	-12. 9	0. 3	11	-11. 0	0. 6	11	-16. 0	0. 5	11	-3. 5	0. 5	11	-11. 1	0. 7	11
FL0151. WHE. 870908	8. 28	54	-21. 5	0. 9	7	-13. 0	0. 5	10	-14. 1	0. 9	10	-12. 9	1. 1	10	-5. 0	1. 0	10	-9. 2	1. 4	10
FL0151. WHE. 870908	8. 40	74	-28. 0	0. 8	5	-11. 2	0. 7	10	-13. 3	0. 4	10	-17. 1	0. 6	10	-12. 1	0. 4	10	-17. 4	2. 7	10
FL0151. WHE. 870908	8. 54	21	-15. 6	0. 4	4	-7. 1	0. 4	8	-10. 0	0. 5	8	-9. 8	0. 8	8	-1. 6	0. 9	8	-3. 5	1. 0	8
FL0151. WHE. 870908	9. 04	30	-14. 6	0. 4	7	-8. 5	0. 3	10	-10. 6	0. 3	10	-9. 7	0. 5	10	-4. 9	0. 4	10	-7. 1	0. 6	10
FL0151. WHE. 870908	9. 13	41	-19. 8	0. 3	8	-11. 3	0. 2	10	-11. 0	0. 7	10	-12. 3	0. 8	10	-4. 8	1. 0	10	-8. 8	0. 9	10
FL0151. WHE. 870908	9. 23	52	-21. 3	0. 5	8	-11. 3	0. 4	10	-13. 1	0. 6	10	-12. 4	0. 6	10	-5. 0	1. 2	10	-11. 0	1. 3	10
FL0151. WHE. 870908	9. 33	71	-26. 1	0. 5	6	-14. 4	0. 8	10	-14. 4	0. 5	10	-15. 9	0. 7	10	-11. 6	1. 0	10	-11. 4	2. 7	10
FL0152. WHE. 870908	7. 58	23	-14. 9	0. 0	2	-6. 6	0. 5	6	-9. 9	0. 5	6	-8. 1	0. 4	6	-1. 0	0. 8	6	-5. 9	0. 8	6
FL0152. WHE. 870908	8. 09	28	-15. 6	0. 4	5	-8. 8	0. 3	8	-11. 6	0. 3	8	-9. 4	0. 4	8	-3. 9	0. 9	8	-7. 1	0. 8	8
FL0152. WHE. 870908	8. 18	44	-18. 4	0. 5	5	-12. 3	0. 4	7	-11. 0	0. 5	7	-15. 5	1. 1	7	-3. 9	0. 6	7	-10. 7	1. 8	7
FL0152. WHE. 870908	8. 28	56	-23. 3	0. 2	6	-13. 3	0. 4	9	-14. 0	1. 1	9	-13. 3	0. 6	9	-5. 7	0. 7	9	-10. 4	0. 5	9
FL0152. WHE. 870908	8. 40	72	-28. 2	0. 8	5	-12. 4	0. 7	8	-14. 0	0. 5	8	-18. 5	0. 6	8	-12. 9	0. 6	8	-17. 2	1. 0	8
FL0152. WHE. 870908	8. 54	20	-16. 6	1. 2	3	-6. 7	0. 3	7	-10. 0	0. 3	7	-10. 2	0. 4	7	-2. 4	0. 6	7	-3. 8	0. 7	7
FL0152. WHE. 870908	9. 04	29	-15. 2	0. 9	5	-8. 7	0. 3	8	-10. 5	0. 5	8	-9. 4	0. 8	8	-4. 4	0. 8	8	-7. 0	1. 1	8
FL0152. WHE. 870908	9. 13	40	-19. 6	0. 3	7	-11. 8	0. 3	9	-12. 3	0. 2	9	-12. 9	0. 7	9	-5. 7	0. 9	9	-9. 2	0. 8	9
FL0152. WHE. 870908	9. 23	50	-21. 8	0. 6	7	-12. 0	0. 4	10	-13. 9	0. 8	10	-13. 2	0. 9	10	-5. 9	0. 6	10	-11. 9	0. 6	10
FL0152. WHE. 870908	9. 33	68	-23. 4	0. 9	5	-17. 0	0. 6	9	-16. 0	0. 8	9	-17. 7	1. 0	9	-12. 6	1. 4	9	-12. 4	0. 8	9
FL0171. COR. 870908	7. 58	19	999. 9	999	999	-5. 7	0. 1	2	-9. 1	0. 1	2	-10. 1	0. 1	2	0. 2	0. 0	2	-3. 5	0. 2	2
FL0171. COR. 870908	8. 09	29	999. 9	999	999	-8. 3	0. 2	3	-11. 1	0. 3	3	-9. 2	0. 2	3	-3. 0	0. 4	3	-5. 4	0. 4	3
FL0171. COR. 870908	8. 18	40	999. 9	999	999	-12. 3	0. 4	3	-10. 8	0. 1	3	-15. 2	0. 8	3	-2. 7	0. 2	3	-10. 1	1. 6	3
FL0171. COR. 870908	8. 28	49	-15. 9	0. 0	1	-13. 9	0. 6	4	-14. 6	0. 5	4	-12. 8	0. 7	4	-4. 9	0. 4	4	-9. 5	0. 5	4
FL0171. COR. 870908	8. 40	73	999. 9	999	999	-9. 9	0. 4	2	-12. 9	0. 1	2	-17. 7	0. 3	2	-12. 4	0. 1	2	-15. 5	1. 1	2
FL0171. COR. 870908	8. 54	20	999. 9	999	999	-6. 2	0. 0	1	-9. 0	0. 0	1	-9. 7	0. 0	1	-1. 2	0. 0	1	-1. 7	0. 0	1
FL0171. COR. 870908	9. 04	36	999. 9	999	999	-7. 8	0. 1	3	-10. 0	0. 6	3	-9. 1	0. 6	3	-3. 3	0. 3	3	-5. 8	0. 5	3
FL0171. COR. 870908	9. 13	40	999. 9	999	999	-11. 2	0. 3	3	-11. 6	0. 5	3	-12. 9	0. 3	3	-4. 5	0. 2	3	-8. 1	0. 3	3
FL0171. COR. 870908	9. 23	51	-16. 9	0. 1	2	-11. 5	0. 5	4	-13. 4	0. 5	4	-12. 5	0. 5	4	-5. 9	0. 8	4	-10. 8	0. 4	4
FL0171. COR. 870908	9. 33	69	999. 9	999	999	-16. 1	0. 6	3	-14. 8	0. 3	3	-16. 7	0. 4	3	-11. 8	0. 6	3	-10. 1	2. 4	3
FL0180. POT. 870908	7. 58	21	-8. 8	0. 4	20	-6. 2	0. 4	24	-9. 8	0. 2	24	-9. 5	0. 3	24	0. 3	0. 6	24	-3. 0	1. 2	24
FL0180. POT. 870908	8. 09	34	-11. 7	0. 5	21	-7. 9	0. 4	24	-11. 2	0. 4	24	-9. 3	0. 5	24	-2. 9	0. 5	24	-5. 3	0. 8	24
FL0180. POT. 870908	8. 18	42	-16. 0	0. 6	23	-12. 0	0. 4	26	-10. 7	0. 4	26	-16. 4	0. 7	26	-2. 4	0. 6	26	-10. 6	2. 4	26
FL0180. POT. 870908	8. 28	49	-17. 4	0. 8	26	-13. 9	0. 6	28	-14. 5	0. 5	28	-13. 2	0. 7	28	-4. 6	0. 5	28	-8. 6	0. 6	28
FL0180. POT. 870908	8. 40	70	-20. 4	0. 7	21	-10. 5	0. 6	26	-12. 8	0. 9	26	-20. 1	1. 1	26	-13. 8	0. 8	26	-16. 8	1. 8	26
FL0180. POT. 870908	8. 54	20	-11. 7	0. 5	20	-6. 3	0. 4	25	-9. 2	0. 4	25	-9. 4	0. 6	25	-0. 6	0. 4	25	-1. 2	1. 0	25

FIELDREF	TIMEOVER	INCIANGLE	F1RCSMEAN	F1RCSSTDEV	NR1SAMPLES	F2RCSMEAN	F2RCSSTDEV	NR2SAMPLES	F3RCSMEAN	F3RCSSTDEV	NR3SAMPLES	F4RCSMEAN	F4RCSSTDEV	NR4SAMPLES	F5RCSMEAN	F5RCSSTDEV	NR5SAMPLES	F6RCSMEAN	F6RCSSTDEV	NR6SAMPLES
FL0180.POT.870908	9.04	31	-12.9	0.5	23	-8.0	0.3	26	-10.1	0.3	26	-8.8	0.4	26	-3.3	0.6	26	-4.8	0.8	26
FL0180.POT.870908	9.13	44	-17.7	0.6	23	-10.3	0.6	26	-10.7	0.5	26	-12.1	0.6	26	-4.2	0.5	26	-7.4	0.9	26
FL0180.POT.870908	9.23	50	-17.5	0.5	26	-11.0	0.4	28	-12.9	0.5	28	-12.6	0.6	28	-5.5	0.7	28	-10.6	0.9	28
FL0180.POT.870908	9.33	69	-21.8	0.7	23	-14.9	1.5	26	-14.6	0.6	26	-16.6	0.8	26	-12.0	0.8	26	-11.3	0.8	26
FL0191.SBT.870908	7.58	20	-10.0	0.5	21	-6.4	0.4	26	-10.0	0.2	26	-9.5	0.3	26	0.0	0.4	26	-3.7	0.6	26
FL0191.SBT.870908	8.09	29	-13.6	0.5	22	-8.6	0.4	25	-11.4	0.5	25	-9.1	0.4	25	-2.8	0.6	25	-4.7	0.8	25
FL0191.SBT.870908	8.18	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0191.SBT.870908	8.28	54	-18.3	0.5	24	-12.8	0.4	26	-13.7	0.4	26	-13.0	0.6	26	-4.1	0.4	26	-8.2	0.6	26
FL0191.SBT.870908	8.40	71	-21.4	0.9	22	-8.7	0.6	24	-10.4	0.4	24	-17.5	0.7	24	-11.5	0.5	24	-14.1	1.5	24
FL0191.SBT.870908	8.54	20	-13.4	0.4	21	-6.6	0.5	26	-9.2	0.8	26	-9.3	1.0	26	-0.7	0.8	26	-1.2	1.0	26
FL0191.SBT.870908	9.04	30	-14.4	0.5	23	-8.3	0.3	26	-10.2	0.3	26	-9.0	0.5	26	-3.7	0.4	26	-5.4	0.7	26
FL0191.SBT.870908	9.13	41	-18.8	0.5	25	-11.0	0.5	27	-10.7	0.5	27	-12.1	0.9	27	-4.0	0.4	27	-7.5	0.8	27
FL0191.SBT.870908	9.23	53	-18.4	0.7	26	-10.6	0.5	28	-12.1	0.5	28	-12.1	0.5	28	-5.3	0.7	28	-10.1	1.0	28
FL0191.SBT.870908	9.33	69	-22.1	1.1	25	-15.7	1.4	28	-14.3	0.9	28	-16.2	0.6	28	-11.1	0.8	28	-9.1	0.8	28
FL0192.SBT.870908	7.58	20	-10.0	0.5	21	-6.4	0.4	26	-10.0	0.2	26	-9.5	0.3	26	0.0	0.4	26	-3.7	0.6	26
FL0192.SBT.870908	8.09	29	-13.6	0.5	22	-8.6	0.4	25	-11.4	0.5	25	-9.1	0.4	25	-2.8	0.6	25	-4.7	0.8	25
FL0192.SBT.870908	8.18	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0192.SBT.870908	8.28	54	-18.3	0.5	24	-12.8	0.4	26	-13.7	0.4	26	-13.0	0.6	26	-4.1	0.4	26	-8.2	0.6	26
FL0192.SBT.870908	8.40	71	-21.4	0.9	22	-8.7	0.6	24	-10.4	0.4	24	-17.5	0.7	24	-11.5	0.5	24	-14.1	1.5	24
FL0192.SBT.870908	8.54	20	-13.4	0.4	21	-6.6	0.5	26	-9.2	0.8	26	-9.3	1.0	26	-0.7	0.8	26	-1.2	1.0	26
FL0192.SBT.870908	9.04	30	-14.4	0.5	23	-8.3	0.3	26	-10.2	0.3	26	-9.0	0.5	26	-3.7	0.4	26	-5.4	0.7	26
FL0192.SBT.870908	9.13	41	-18.8	0.5	25	-11.0	0.5	27	-10.7	0.5	27	-12.1	0.9	27	-4.0	0.4	27	-7.5	0.8	27
FL0192.SBT.870908	9.23	53	-18.4	0.7	26	-10.6	0.5	28	-12.1	0.5	28	-12.1	0.5	28	-5.3	0.7	28	-10.1	1.0	28
FL0192.SBT.870908	9.33	69	-22.1	1.1	25	-15.7	1.4	28	-14.3	0.9	28	-16.2	0.6	28	-11.1	0.8	28	-9.1	0.8	28
FL0201.WHE.870908	7.58	21	999.9	999	999	-6.4	0.5	4	-10.3	0.2	4	-10.0	0.1	4	-1.8	1.1	4	-5.1	1.5	4
FL0201.WHE.870908	8.09	27	-14.4	0.0	1	-8.9	0.7	5	-11.7	0.4	5	-9.0	0.8	5	-4.0	0.4	5	-7.1	0.5	5
FL0201.WHE.870908	8.18	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0201.WHE.870908	8.28	52	-21.0	0.3	4	-13.7	0.2	6	-14.6	0.5	6	-13.6	0.3	6	-5.8	0.4	6	-10.1	0.6	6
FL0201.WHE.870908	8.40	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0201.WHE.870908	8.54	24	999.9	999	999	-6.0	0.4	4	-9.1	0.3	4	-10.1	0.3	4	-2.6	0.5	4	-5.6	0.6	4
FL0201.WHE.870908	9.04	29	-13.8	0.9	3	-8.8	0.4	5	-11.0	0.5	5	-9.9	0.7	5	-5.6	0.5	5	-7.3	0.8	5
FL0201.WHE.870908	9.13	40	-20.5	0.3	3	-12.1	0.4	6	-11.7	0.4	6	-12.7	0.6	6	-4.4	0.7	6	-8.5	1.0	6
FL0201.WHE.870908	9.23	55	-19.1	1.2	3	-10.6	0.8	6	-12.7	0.7	6	-13.1	0.9	6	-5.7	0.4	6	-12.0	0.7	6
FL0201.WHE.870908	9.33	71	-24.3	0.0	1	-14.3	1.1	6	-14.0	1.6	6	-16.1	2.2	6	-11.2	1.8	6	-12.0	2.0	6
FL0202.WHE.870908	7.58	21	999.9	999	999	-6.6	0.0	2	-10.1	0.3	2	-9.8	0.3	2	-0.5	0.1	2	-4.4	0.4	2
FL0202.WHE.870908	8.09	31	999.9	999	999	-8.9	0.3	3	-11.6	0.1	3	-9.7	0.4	3	-2.6	0.4	3	-6.2	1.2	3
FL0202.WHE.870908	8.18	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0202.WHE.870908	8.28	52	-19.8	0.0	1	-13.2	0.1	4	-14.1	0.4	4	-13.1	0.5	4	-4.5	0.3	4	-9.1	0.2	4
FL0202.WHE.870908	8.40	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0202.WHE.870908	8.54	22	999.9	999	999	-5.8	0.1	3	-9.2	0.6	3	-10.2	0.5	3	-2.8	1.2	3	-4.6	1.0	3
FL0202.WHE.870908	9.04	30	999.9	999	999	-8.2	0.5	4	-10.4	0.1	4	-10.2	0.5	4	-5.0	0.1	4	-6.5	1.1	4
FL0202.WHE.870908	9.13	41	-17.2	0.0	1	-11.1	0.6	4	-12.2	0.6	4	-12.9	0.2	4	-4.2	0.4	4	-8.8	0.3	4
FL0202.WHE.870908	9.23	52	-18.2	0.3	2	-10.9	0.5	4	-12.4	0.2	4	-12.3	0.4	4	-5.5	0.4	4	-11.1	0.1	4
FL0202.WHE.870908	9.33	73	999.9	999	999	-15.2	0.6	2	-15.9	0.3	2	-15.5	0.1	2	-11.3	0.0	2	-11.9	0.1	2
FL0210.BEA.870908	7.58	24	-11.1	0.6	8	-6.1	0.5	13	-9.9	0.4	13	-9.4	0.6	13	-1.0	1.0	13	-5.4	0.7	13
FL0210.BEA.870908	8.09	30	-14.2	0.3	8	-8.5	0.3	10	-11.5	0.3	10	-9.5	0.4	10	-3.7	0.5	10	-6.4	0.4	10
FL0210.BEA.870908	8.18	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0210.BEA.870908	8.28	52	-19.0	0.3	9	-13.4	0.2	10	-14.1	0.6	10	-12.8	0.8	10	-5.8	0.6	10	-10.5	0.8	10
FL0210.BEA.870908	8.40	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999
FL0210.BEA.870908	8.54	22	-13.1	0.5	6	-5.8	0.4	11	-9.4	0.6	11	-9.5	0.8	11	-1.8	1.4	11	-3.1	1.2	11
FL0210.BEA.870908	9.04	31	-14.1	0.3	9	-8.4	0.2	11	-10.5	0.2	11	-9.5	0.3	11	-4.4	0.4	11	-6.4	0.4	11
FL0210.BEA.870908	9.13	39	-18.7	0.6	9	-11.5	0.3	12	-11.2	0.5	12	-12.7	0.6	12	-4.8	0.6	12	-8.3	0.9	12
FL0210.BEA.870908	9.23	51	-17.9	0.6	9	-10.8	0.3	12	-12.5	0.3	12	-12.8	0.4	12	-5.4	0.8	12	-10.8	0.9	12
FL0210.BEA.870908	9.33	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999	999.9	999	999

1 Input general information

Field name in dataset	Explanation
STUDYNAME	study name
EXPDYYMMDD	experiment date yymmdd
SITEDESCRI	site description
FILEDESCRI	file description
EXPERNAME	name of experimenter
EXPERINST	experimenters institute
SYSNAME	system name
SYSOWNER	system owner
SYSTYPE	system type
PLATFORM	platform
ANTTYPE	antenna type
LOC_TOP	location top latitude top left [DEG] [MIN] [N or S] longitude top left [DEG] [MIN] [E or W] latitude top right [DEG] [MIN] [N or S] longitude top right [DEG] [MIN] [E or W]
LOC_BOT	location bottom latitude bottom left [DEG] [MIN] [N or S] longitude bottom left [DEG] [MIN] [E or W] latitude bottom right [DEG] [MIN] [N or S] longitude bottom right [DEG] [MIN] [E or W]

2 Input field description

Field name in dataset	Explanation
FIELDREF	field or property unit reference number NNXXXX.SRT.YYMMDD
SO_SERIES	soil series
SOIL_TYPE	soil type
LOC_FIELD	latitude of field centre [DEG] [MIN] [N or S] longitude of field centre [DEG] [MIN] [E or W]
FIELDSIZE	field size [m**2]
SLOPE_ANG	slope angle [deg]
SLOPE_DIR	slope direction [deg] (N=0)
ALTITUDE	at field centre [m]

3.1 Input wheat or barley crop description

Field name in dataset	Explanation
FIELDREF	field or property unit number [NNXXXX.SRT.YYMMDD]
DATOVRFL	date of overflight [YYMMDD]
SPECIES	species
VARIETY	variety
PHENOLOGY	phenology
PHENOCOMME	phenology comments
SOWDATE	sowing date [YYMMDD]
ABNORMALTI	abnormalties
CROPCONDIT	crop condition
GROUNDCOND	ground condition
WEEDCOVER	weed cover mean [%]
WCOVSTDEV	weed cover standard deviation
WEEDCOVCOM	weed cover comment
ROWSPAC	row spacing mean [m]
PLANTSPAC	plant spacing mean [m]
PLSPSTDEV	plant spacing standard deviation
TILLDENS	tiller density mean [/m**2]
TLDENSTDEV	tiller density standard deviation
ROWDIR	row direction [deg] (N=0)
CROPCOVER	crop cover mean [%]
CRCOVSTDEV	crop cover standard deviation
CROPHEIGHT	crop height mean [m]
CRHEISTDEV	crop height standard deviation
PFWEARS	plant fresh weight ears mean [kg/m**2]
FEARSSTDEV	plant fresh weight ears standard deviation
PFWLEAVES	plant fresh weight leaves mean [kg/m**2]
FLEAVSTDEV	plant fresh weight leaves standard deviation
PFWSTEMS	plant fresh weight stems mean [kg/m**2]
FSTEMSTDEV	plant fresh weight stems standard deviation
PFWTOTAL	plant fresh weight total mean [kg/m**2]
FTOTASTDEV	plant fresh weight total standard deviation
PDWEARS	plant dry weight ears mean [kg/m**2]
DEARSSTDEV	plant dry weight ears standard deviation
PDWLEAVES	plant dry weight leaves mean [kg/m**2]
DLEAVSTDEV	plant dry weight leaves standard deviation
PDWSTEMS	plant dry weight stems mean [kg/m**2]
DSTEMSTDEV	plant dry weight stems standard deviation
PDWTOTAL	plant dry weight total mean [kg/m**2]
DTOTASTDEV	plant dry weight total standard deviation
PMCEARS	plant moisture content ears mean [%]
MEARSSTDEV	plant moisture content ears standard deviation
PMCLEAVES	plant moisture content leaves mean [%]
MLEAVSTDEV	plant moisture content leaves standard deviation
PMCSTEMS	plant moisture content stems mean [%]
MSTEMSTDEV	plant moisture content stems standard deviation
PMCTOTAL	plant moisture content total mean [%]
MTOTASTDEV	plant moisture content total standard deviation
LAI	leaf area index mean [m**2/m**2]
LAISTDEV	leaf area index standard deviation

Field name in dataset	Explanation
FLL	flag leaf length mean [m]
FLLSTDEV	flag leaf length standard deviation
FLW	flag leaf width mean [m]
FLWSTDEV	flag leaf width standard deviation
EL	ear length mean [m]
ELSTDEV	ear length standard deviation
DIEARFLEAF	distance between ear and flag leaf [m]
DIEFLSTDEV	distance between ear and flag leaf standard deviation
FLO	flag leaf orientation mean [deg]
FLOSTDEV	flag leaf orientation standard deviation
FLOCOMMENT	flag leaf orientation comment
NLPT	number of leaves per tiller mean
NLPTSTDEV	number of leaves per tiller standard deviation
NTPP	number of tillers per plant mean
NTPPSTDEV	number of tillers per plant standard deviation
UCLI1	upper canopy leaf inclination [deg] measurement 1
UCL1STDEV	upper canopy leaf inclination standard deviation measurement 1
UCLI2	upper canopy leaf inclination [deg] measurement 2
UCL2STDEV	upper canopy leaf inclination standard deviation measurement 2
MCLI1	middle canopy leaf inclination [deg] measurement 1
MCL1STDEV	middle canopy leaf inclination standard deviation measurement 1
MCLI2	middle canopy leaf inclination [deg] measurement 2
MCL2STDEV	middle canopy leaf inclination standard deviation measurement 2
LCLI1	lower canopy leaf inclination [deg] measurement 1
LCL1STDEV	lower canopy leaf inclination standard deviation measurement 1
LCLI2	lower canopy leaf inclination [deg] measurement 2
LCL2STDEV	lower canopy leaf inclination standard deviation measurement 2
SRPTC	soil surface roughness RMS mean perpendicular to cultivation [cm]
SRPTCSTDEV	soil surface roughness RMS standard deviation perpendicular to cultivation
SRPLT	soil surface roughness RMS mean parallel to cultivation [cm]
SRPLTSTDEV	soil surface roughness RMS standard deviation parallel to cultivation
VM1	vol. soil moisture content 0-1cm mean [%]
VM1STDEV	v.s.m.c. 0-1 cm standard deviation
VM2	vol. soil moisture content 1-2.5cm mean [%]

Field name in dataset	Explanation
VM2STDEV	v.s.m.c. 1-2.5 cm standard deviation
VM3	vol. soil moisture content 2.5-5cm mean [%]
VM3STDEV	v.s.m.c. 2.5-5 cm standard deviation
VM4	vol. soil moisture content 0-5cm mean [%]
VM4STDEV	v.s.m.c. 0-5 cm standard deviation
VMCOMMENT	vol. soil moisture content comment
GMS	grav.surface soil moisture content mean [%]
GMSSTDEV	grav.surface s. m. c. standard deviation
SSTH	surface soil thickness mean [m]
SSTHSTDEV	surface soil thickness standard deviation
GM1	grav. soil moisture content 0-1cm mean [%]
GM1STDEV	g.s.m.c. 0-1 cm standard deviation
GM2	grav. soil moisture content 1-2.5cm mean [%]
GM2STDEV	g.s.m.c. 1-2.5 cm standard deviation
GM3	grav. soil moisture content 2.5-5cm mean [%]
GM3STDEV	g.s.m.c. 2.5-5 cm standard deviation
GM4	grav. soil moisture content 0-5cm mean [%]
GM4STDEV	g.s.m.c. 0-5 cm standard deviation
GMCOMMENT	grav. soil moisture content comment

3.2 Input sugar beet crop description

Field name in dataset	Explanation
FIELDREF	field or property unit number [NNXXXX.SRT.YYMMDD]
DATOVRFL	date of overflight [YYMMDD]
SPECIES	species
VARIETY	variety
PHENOLOGY	phenology
PHENOCOMME	phenology comments
SOWDATE	sowing date [YYMMDD]
ABNORMALTI	abnormalties
CROPCONDIT	crop condition
GROUNDCOND	ground condition
WEEDCOVER	weed cover mean [%]
WCOVSTDEV	weed cover standard deviation
WEEDCOVCOM	weed cover comment
ROWSPAC	row spacing mean [m]
PLANTSPAC	plant spacing mean [m]
PLSPSTDEV	plant spacing standard deviation
PLANTDENS	plant density mean [/m**2]
PLDENSTDEV	plant density standard deviation
ROWDIR	row direction [deg] (N=0)
CROPCOVER	crop cover mean [%]
CRCOVSTDEV	crop cover standard deviation
CROPHEIGHT	crop height mean [m]
CRHEISTDEV	crop height standard deviation
PLDI	plant diameter mean [m]
PLDISTDEV	plant diameter standard deviation
PFWLEAVES	plant fresh weight leaves mean [kg/m**2]
FLEAVSTDEV	plant fresh weight leaves standard deviation
PFWSTEMS	plant fresh weight stems mean [kg/m**2]
FSTEMSTDEV	plant fresh weight stems standard deviation
PFWTOTAL	plant fresh weight total mean [kg/m**2]
FTOTASTDEV	plant fresh weight total standard deviation
PDWLEAVES	plant dry weight leaves mean [kg/m**2]
DLEAVSTDEV	plant dry weight leaves standard deviation
PDWSTEMS	plant dry weight stems mean [kg/m**2]
DSTEMSTDEV	plant dry weight stems standard deviation
PDWTOTAL	plant dry weight total mean [kg/m**2]
DTOTASTDEV	plant dry weight total standard deviation
PMCLEAVES	plant moisture content leaves mean [%]
MLEAVSTDEV	plant moisture content leaves standard deviation
PMCSTEMS	plant moisture content stems mean [%]
MSTEMSTDEV	plant moisture content stems standard deviation
PMCTOTAL	plant moisture content total mean [%]
MTOTASTDEV	plant moisture content total standard deviation
LAI	leaf area index mean [m**2/m**2]
LAISTDEV	leaf area index standard deviation
LL	leaf length mean [m]
LLSTDEV	leaf length standard deviation
LW	leaf width mean [m]
LWSTDEV	leaf width standard deviation

Field name in dataset	Explanation
NLPP	number of leaves per plant mean
NLPPSTDEV	number of leaves per plant standard deviation
UCLI1	upper canopy leaf inclination [deg] measurement 1
UCL1STDEV	upper canopy leaf inclination standard deviation measurement 1
UCLI2	upper canopy leaf inclination [deg] measurement 2
UCL2STDEV	upper canopy leaf inclination standard deviation measurement 2
MCLI1	middle canopy leaf inclination [deg] measurement 1
MCL1STDEV	middle canopy leaf inclination standard deviation measurement 1
MCLI2	middle canopy leaf inclination [deg] measurement 2
MCL2STDEV	middle canopy leaf inclination standard deviation measurement 2
LCLI1	lower canopy leaf inclination [deg] measurement 1
LCL1STDEV	lower canopy leaf inclination standard deviation measurement 1
LCLI2	lower canopy leaf inclination [deg] measurement 2
LCL2STDEV	lower canopy leaf inclination standard deviation measurement 2
SRPTC	soil surface roughness RMS mean perpendicular to cultivation [cm]
SRPTCSTDEV	soil surface roughness RMS standard deviation perpendicular to cultivation
SRPLT	soil surface roughness RMS mean parallel to cultivation [cm]
SRPLTSTDEV	soil surface roughness RMS standard deviation parallel to cultivation
VM1	vol. soil moisture content 0-1cm mean [%]
VM1STDEV	v.s.m.c. 0-1 cm standard deviation
VM2	vol. soil moisture content 1-2.5cm mean [%]
VM2STDEV	v.s.m.c. 1-2.5 cm standard deviation
VM3	vol. soil moisture content 2.5-5cm mean [%]
VM3STDEV	v.s.m.c. 2.5-5 cm standard deviation
VM4	vol. soil moisture content 0-5cm mean [%]
VM4STDEV	v.s.m.c. 0-5 cm standard deviation
VMCOMMENT	vol. soil moisture content comment
GMS	grav.surface soil moisture content mean [%]
GMSSTDEV	grav.surface s. m. c. standard deviation
SSTH	surface soil thickness mean [m]
SSTHSTDEV	surface soil thickness standard deviation
GM1	grav. soil moisture content 0-1cm mean [%]
GM1STDEV	g.s.m.c. 0-1 cm standard deviation
GM2	grav. soil moisture content 1-2.5cm mean [%]
GM2STDEV	g.s.m.c. 1-2.5 cm standard deviation

Field name in dataset	Explanation
GM3	grav. soil moisture content 2.5-5cm mean [%]
GM3STDEV	g.s.m.c. 2.5-5 cm standard deviation
GM4	grav. soil moisture content 0-5cm mean [%]
GM4STDEV	g.s.m.c. 0-5 cm standard deviation
GMCOMMENT	grav. soil moisture content comment

3.3 Input potatoes crop description

Field name in dataset	Explanation
FIELDREF	field or property unit number [NNXXXX.SRT.YYMMDD]
DATOVRFL	date of overflight [YYMMDD]
SPECIES	species
VARIETY	variety
PHENOLOGY	phenology
PHENOCOMME	phenology comments
MANPRAC	management practice
SOWDATE	sowing date [YYMMDD]
ABNORMALTI	abnormalties
CROPCONDIT	crop condition
GROUNDCOND	ground condition
WEEDCOVER	weed cover mean [%]
WCOVSTDEV	weed cover standard deviation
WEEDCOVCOM	weed cover comment
ROWSPAC	row spacing mean [m]
PLANTSPAC	plant spacing mean [m]
PLSPSTDEV	plant spacing standard deviation
PLANTDENS	plant density mean [/m**2]
PLDENSTDEV	plant density standard deviation
ROWDIR	row direction [deg] (N=0)
CROPCOVER	crop cover mean [%]
CRCOVSTDEV	crop cover standard deviation
CROPHEIGHT	crop height mean [m]
CRHEISTDEV	crop height standard deviation
PLDI	plant diameter mean [m]
PLDISTDEV	plant diameter standard deviation
PFWLEAVES	plant fresh weight leaves mean [kg/m**2]
FLEAVSTDEV	plant fresh weight leaves standard deviation
PFWSTEMS	plant fresh weight stems mean [kg/m**2]
FSTEMSTDEV	plant fresh weight stems standard deviation
PFWTOTAL	plant fresh weight total mean [kg/m**2]
FTOTASTDEV	plant fresh weight total standard deviation
PDWLEAVES	plant dry weight leaves mean [kg/m**2]
DLEAVSTDEV	plant dry weight leaves standard deviation
PDWSTEMS	plant dry weight stems mean [kg/m**2]
DSTEMSTDEV	plant dry weight stems standard deviation
PDWTOTAL	plant dry weight total mean [kg/m**2]
DTOTASTDEV	plant dry weight total standard deviation
PMCLEAVES	plant moisture content leaves mean [%]
MLEAVSTDEV	plant moisture content leaves standard deviation
PMCSTEMS	plant moisture content stems mean [%]
MSTEMSTDEV	plant moisture content stems standard deviation
PMCTOTAL	plant moisture content total mean [%]
MTOTASTDEV	plant moisture content total standard deviation
LAI	leaf area index mean [m**2/m**2]
LAISTDEV	leaf area index standard deviation
LL	leaf length mean [m]
LLSTDEV	leaf length standard deviation
LW	leaf width mean [m]

Field name in dataset	Explanation
LWSTDEV	leaf width standard deviation
NLPP	number of leaves per plant mean
NLPPSTDEV	number of leaves per plant standard deviation
NSPP	number of stems per plant mean
NSPPSTDEV	number of stems per plant standard deviation
UCLI1	upper canopy leaf inclination [deg] measurement 1
UCL1STDEV	upper canopy leaf inclination standard deviation measurement 1
UCLI2	upper canopy leaf inclination [deg] measurement 2
UCL2STDEV	upper canopy leaf inclination standard deviation measurement 2
MCLI1	middle canopy leaf inclination [deg] measurement 1
MCL1STDEV	middle canopy leaf inclination standard deviation measurement 1
MCLI2	middle canopy leaf inclination [deg] measurement 2
MCL2STDEV	middle canopy leaf inclination standard deviation measurement 2
LCLI1	lower canopy leaf inclination [deg] measurement 1
LCL1STDEV	lower canopy leaf inclination standard deviation measurement 1
LCLI2	lower canopy leaf inclination [deg] measurement 2
LCL2STDEV	lower canopy leaf inclination standard deviation measurement 2
RIHEI	ridge height mean [m]
RIHESTDEV	ridge height standard deviation
SRPTC	soil surface roughness RMS mean perpendicular to cultivation [cm]
SRPTCSTDEV	soil surface roughness RMS standard deviation perpendicular to cultivation
SRPLT	soil surface roughness RMS mean parallel to cultivation [cm]
SRPLTSTDEV	soil surface roughness RMS standard deviation parallel to cultivation
VM1	vol. soil moisture content 0-1cm mean [%]
VM1STDEV	v.s.m.c. 0-1 cm standard deviation
VM2	vol. soil moisture content 1-2.5cm mean [%]
VM2STDEV	v.s.m.c. 1-2.5 cm standard deviation
VM3	vol. soil moisture content 2.5-5cm mean [%]
VM3STDEV	v.s.m.c. 2.5-5 cm standard deviation
VM4	vol. soil moisture content 0-5cm mean [%]
VM4STDEV	v.s.m.c. 0-5 cm standard deviation
VMCOMMENT	vol. soil moisture content comment
GMS	grav.surface soil moisture content mean [%]
GMSSTDEV	grav.surface s. m. c. standard deviation
SSTH	surface soil thickness mean [m]

Field name in dataset	Explanation
SSTHSTDEV	surface soil thickness standard deviation
GM1	grav. soil moisture content 0-1cm mean [%]
GM1STDEV	g.s.m.c. 0-1 cm standard deviation
GM2	grav. soil moisture content 1-2.5cm mean [%]
GM2STDEV	g.s.m.c. 1-2.5 cm standard deviation
GM3	grav. soil moisture content 2.5-5cm mean [%]
GM3STDEV	g.s.m.c. 2.5-5 cm standard deviation
GM4	grav. soil moisture content 0-5cm mean [%]
GM4STDEV	g.s.m.c. 0-5 cm standard deviation
GMCOMMENT	grav. soil moisture content comment

3.4 Input beans crop description

Field name in dataset	Explanation
FIELDREF	field or property unit number [NNXXXX.SRT.YYMMDD]
DATOVRFL	date of overflight [YYMMDD]
SPECIES	species
VARIETY	variety
PHENOLOGY	phenology
PHENOCOMME	phenology comments
SOWDATE	sowing date [YYMMDD]
ABNORMALTI	abnormalties
CROPCONDIT	crop condition
GROUNDCOND	ground condition
WEEDCOVER	weed cover mean [%]
WCOVSTDEV	weed cover standard deviation
WEEDCOVCOM	weed cover comment
ROWSPAC	row spacing mean [m]
PLANTSPAC	plant spacing mean [m]
PLSPSTDEV	plant spacing standard deviation
PLANTDENS	plant density mean [/m**2]
PLDENSTDEV	plant density standard deviation
ROWDIR	row direction [deg] (N=0)
CROPCOVER	crop cover mean [%]
CRCOVSTDEV	crop cover standard deviation
CROPHEIGHT	crop height mean [m]
CRHEISTDEV	crop height standard deviation
PFWLEAVES	plant fresh weight leaves mean [kg/m**2]
FLEAVSTDEV	plant fresh weight leaves standard deviation
PFWSTEMS	plant fresh weight stems mean [kg/m**2]
FSTEMSTDEV	plant fresh weight stems standard deviation
PFWPODS	plant fresh weight pods mean [kg/m**2]
FPODSSTDEV	plant fresh weight pods standard deviation
PFWTOTAL	plant fresh weight total mean [kg/m**2]
FTOTASTDEV	plant fresh weight total standard deviation
PDWLEAVES	plant dry weight leaves mean [kg/m**2]
DLEAVSTDEV	plant dry weight leaves standard deviation
PDWSTEMS	plant dry weight stems mean [kg/m**2]
DSTEMSTDEV	plant dry weight stems standard deviation
PDWPODS	plant dry weight pods mean [kg/m**2]
DPODSSTDEV	plant dry weight pods standard deviation
PDWTOTAL	plant dry weight total mean [kg/m**2]
DTOTASTDEV	plant dry weight total standard deviation
PMCLEAVES	plant moisture content leaves mean [%]
MLEAVSTDEV	plant moisture content leaves standard deviation
PMCSTEMS	plant moisture content stems mean [%]
MSTEMSTDEV	plant moisture content stems standard deviation
PMCPODS	plant moisture content pods mean [%]
MPODSSTDEV	plant moisture content pods standard deviation
PMCTOTAL	plant moisture content total mean [%]
MTOTASTDEV	plant moisture content total standard deviation
LAI	leaf area index mean [m**2/m**2]
LAISTDEV	leaf area index standard deviation

Field name in dataset	Explanation
LL	leaf length mean [m]
LLSTDEV	leaf length standard deviation
LW	leaf width mean [m]
LWSTDEV	leaf width standard deviation
NLPP	number of leaves per plant mean
NLPPSTDEV	number of leaves per plant standard deviation
UCLI1	upper canopy leaf inclination [deg] measurement 1
UCL1STDEV	upper canopy leaf inclination standard deviation measurement 1
UCLI2	upper canopy leaf inclination [deg] measurement 2
UCL2STDEV	upper canopy leaf inclination standard deviation measurement 2
MCLI1	middle canopy leaf inclination [deg] measurement 1
MCL1STDEV	middle canopy leaf inclination standard deviation measurement 1
MCLI2	middle canopy leaf inclination [deg] measurement 2
MCL2STDEV	middle canopy leaf inclination standard deviation measurement 2
LCLI1	lower canopy leaf inclination [deg] measurement 1
LCL1STDEV	lower canopy leaf inclination standard deviation measurement 1
LCLI2	lower canopy leaf inclination [deg] measurement 2
LCL2STDEV	lower canopy leaf inclination standard deviation measurement 2
SRPTC	soil surface roughness RMS mean perpendicular to cultivation [cm]
SRPTCSTDEV	soil surface roughness RMS standard deviation perpendicular to cultivation
SRPLT	soil surface roughness RMS mean parallel to cultivation [cm]
SRPLTSTDEV	soil surface roughness RMS standard deviation parallel to cultivation
VM1	vol. soil moisture content 0-1cm mean [%]
VM1STDEV	v.s.m.c. 0-1 cm standard deviation
VM2	vol. soil moisture content 1-2.5cm mean [%]
VM2STDEV	v.s.m.c. 1-2.5 cm standard deviation
VM3	vol. soil moisture content 2.5-5cm mean [%]
VM3STDEV	v.s.m.c. 2.5-5 cm standard deviation
VM4	vol. soil moisture content 0-5cm mean [%]
VM4STDEV	v.s.m.c. 0-5 cm standard deviation
VMCOMMENT	vol. soil moisture content comment
GMS	grav.surface soil moisture content mean [%]
GMSSTDEV	grav.surface s. m. c. standard deviation
SSTH	surface soil thickness mean [m]
SSTHSTDEV	surface soil thickness standard deviation

Field name in dataset	Explanation
GM1	grav. soil moisture content 0-1cm mean [%]
GM1STDEV	g.s.m.c. 0-1 cm standard deviation
GM2	grav. soil moisture content 1-2.5cm mean [%]
GM2STDEV	g.s.m.c. 1-2.5 cm standard deviation
GM3	grav. soil moisture content 2.5-5cm mean [%]
GM3STDEV	g.s.m.c. 2.5-5 cm standard deviation
GM4	grav. soil moisture content 0-5cm mean [%]
GM4STDEV	g.s.m.c. 0-5 cm standard deviation
GMCOMMENT	grav. soil moisture content comment

3.5 Input corn crop description

Field name in dataset	Explanation
FIELDREF	field or property unit number [NNXXXX.SRT.YYMMDD]
DATOVRFL	date of overflight [YYMMDD]
SPECIES	species
VARIETY	variety
PHENOLOGY	phenology
PHENOCOMME	phenology comments
SOWDATE	sowing date [YYMMDD]
ABNORMALTI	abnormalties
CROPCONDIT	crop condition
GROUNDCOND	ground condition
WEEDCOVER	weed cover mean [%]
WCOVSTDEV	weed cover standard deviation
WEEDCOVCOM	weed cover comment
ROWSPAC	row spacing mean [m]
PLANTSPAC	plant spacing mean [m]
PLSPSTDEV	plant spacing standard deviation
PLANTDENS	plant density mean [/m**2]
PLDENSTDEV	plant density standard deviation
ROWDIR	row direction [deg] (N=0)
CROPCOVER	crop cover mean [%]
CRCOVSTDEV	crop cover standard deviation
CROPHEIGHT	crop height mean [m]
CRHEISTDEV	crop height standard deviation
PFWCOBS	plant fresh weight cobs mean [kg/m**2]
FCOBSSTDEV	plant fresh weight cobs standard deviation
PFWLEAVES	plant fresh weight leaves mean [kg/m**2]
FLEAVSTDEV	plant fresh weight leaves standard deviation
PFWSTEMS	plant fresh weight stems mean [kg/m**2]
FSTEMSTDEV	plant fresh weight stems standard deviation
PFWTOTAL	plant fresh weight total mean [kg/m**2]
FTOTASTDEV	plant fresh weight total standard deviation
PDWCOBS	plant dry weight cobs mean [kg/m**2]
DCOBSSTDEV	plant dry weight cobs standard deviation
PDWLEAVES	plant dry weight leaves mean [kg/m**2]
DLEAVSTDEV	plant dry weight leaves standard deviation
PDWSTEMS	plant dry weight stems mean [kg/m**2]
DSTEMSTDEV	plant dry weight stems standard deviation
PDWTOTAL	plant dry weight total mean [kg/m**2]
DTOTASTDEV	plant dry weight total standard deviation
PMCCOBS	plant moisture content cobs mean [%]
MCOBSSTDEV	plant moisture content cobs standard deviation
PMCLEAVES	plant moisture content leaves mean [%]
MLEAVSTDEV	plant moisture content leaves standard deviation
PMCSTEMS	plant moisture content stems mean [%]
MSTEMSTDEV	plant moisture content stems standard deviation
PMCTOTAL	plant moisture content total mean [%]
MTOTASTDEV	plant moisture content total standard deviation
LAI	leaf area index mean [m**2/m**2]
LAISTDEV	leaf area index standard deviation

Field name in dataset	Explanation
LL	leaf length mean [m]
LLSTDEV	leaf length standard deviation
LW	leaf width mean [m]
LWSTDEV	leaf width standard deviation
NLPP	number of leaves per plant mean
NLPPSTDEV	number of leaves per plant standard deviation
UCLI1	upper canopy leaf inclination [deg] measurement 1
UCL1STDEV	upper canopy leaf inclination standard deviation measurement 1
UCLI2	upper canopy leaf inclination [deg] measurement 2
UCL2STDEV	upper canopy leaf inclination standard deviation measurement 2
MCLI1	middle canopy leaf inclination [deg] measurement 1
MCL1STDEV	middle canopy leaf inclination standard deviation measurement 1
MCLI2	middle canopy leaf inclination [deg] measurement 2
MCL2STDEV	middle canopy leaf inclination standard deviation measurement 2
LCLI1	lower canopy leaf inclination [deg] measurement 1
LCL1STDEV	lower canopy leaf inclination standard deviation measurement 1
LCLI2	lower canopy leaf inclination [deg] measurement 2
LCL2STDEV	lower canopy leaf inclination standard deviation measurement 2
SRPTC	soil surface roughness RMS mean perpendicular to cultivation [cm]
SRPTCSTDEV	soil surface roughness RMS standard deviation perpendicular to cultivation
SRPLT	soil surface roughness RMS mean parallel to cultivation [cm]
SRPLTSTDEV	soil surface roughness RMS standard deviation parallel to cultivation
VM1	vol. soil moisture content 0-1cm mean [%]
VM1STDEV	v.s.m.c. 0-1 cm standard deviation
VM2	vol. soil moisture content 1-2.5cm mean [%]
VM2STDEV	v.s.m.c. 1-2.5 cm standard deviation
VM3	vol. soil moisture content 2.5-5cm mean [%]
VM3STDEV	v.s.m.c. 2.5-5 cm standard deviation
VM4	vol. soil moisture content 0-5cm mean [%]
VM4STDEV	v.s.m.c. 0-5 cm standard deviation
VMCOMMENT	vol. soil moisture content comment
GMS	grav.surface soil moisture content mean [%]
GMSSTDEV	grav.surface s. m. c. standard deviation
SSTH	surface soil thickness mean [m]
SSTHSTDEV	surface soil thickness standard deviation

Field name in dataset	Explanation
GM1	grav. soil moisture content 0-1cm mean [%]
GM1STDEV	g.s.m.c. 0-1 cm standard deviation
GM2	grav. soil moisture content 1-2.5cm mean [%]
GM2STDEV	g.s.m.c. 1-2.5 cm standard deviation
GM3	grav. soil moisture content 2.5-5cm mean [%]
GM3STDEV	g.s.m.c. 2.5-5 cm standard deviation
GM4	grav. soil moisture content 0-5cm mean [%]
GM4STDEV	g.s.m.c. 0-5 cm standard deviation
GMCOMMENT	grav. soil moisture content comment

3.6 Input bare soil crop description

Field name in dataset	Explanation
FIELDREF	field or property unit number [NNXXXX.SRT.YYMMDD]
DATOVRFL	date of overflight [YYMMDD]
SRPTC	soil surface roughness RMS mean perpendicular to cultivation [cm]
SRPTCSTDEV	soil surface roughness RMS standard deviation perpendicular to cultivation
SRPLT	soil surface roughness RMS mean parallel to cultivation [cm]
SRPLTSTDEV	soil surface roughness RMS standard deviation parallel to cultivation
VM1	vol. soil moisture content 0-1cm mean [%]
VM1STDEV	v.s.m.c. 0-1 cm standard deviation
VM2	vol. soil moisture content 1-2.5cm mean [%]
VM2STDEV	v.s.m.c. 1-2.5 cm standard deviation
VM3	vol. soil moisture content 2.5-5cm mean [%]
VM3STDEV	v.s.m.c. 2.5-5 cm standard deviation
VM4	vol. soil moisture content 0-5cm mean [%]
VM4STDEV	v.s.m.c. 0-5 cm standard deviation
VM5	vol. soil moisture content 5-10 cm mean [%]
VM5STDEV	v.s.m.c. 5-10 cm standard deviation
VM10	vol. soil moisture content 10-15 cm mean [%]
VM10STDEV	v.s.m.c. 10-15 cm standard deviation
VM15	vol. soil moisture content 15-20 cm mean [%]
VM15STDEV	v.s.m.c. 15-20 cm standard deviation
VMCOMMENT	vol. soil moisture content comment
GM1	grav. soil moisture content 0-1cm mean [%]
GM1STDEV	g.s.m.c. 0-1 cm standard deviation
GM2	grav. soil moisture content 1-2.5cm mean [%]
GM2STDEV	g.s.m.c. 1-2.5 cm standard deviation
GM3	grav. soil moisture content 2.5-5cm mean [%]
GM3STDEV	g.s.m.c. 2.5-5 cm standard deviation
GM4	grav. soil moisture content 0-5cm mean [%]
GM4STDEV	g.s.m.c. 0-5 cm standard deviation
GMCOMMENT	grav. soil moisture content comment
SOILTEXT	soil texture
ORICULT	orientation of cultivation [deg]

4 Input individual overpass parameters

Field name in dataset	Explanation
DATEOVER	date of overpass [YYMMDD]
TIMEOVER	time of overpass [HH.MM]
POLARISAT	polarisation
INCIANGLE	incidence angle [deg]
WINDSPEED	wind speed [m/s]
WISPCOMMEN	wind speed comment
WINDDIR	wind direction [deg]
WIDICOMMEN	wind direction comment
PRECIPAT1	precipation 1 hour prior overpass
PRECIPAT4	precipation 4 hours prior overpass
PRECIPAT12	precipation 12 hours prior overpass
PRECIPAT24	precipation 24 hours prior overpass
PRECCOMMEN	precipation comment
AIRTEMP	air temperature [deg C]
ATEMPCOMME	air temperature comment
HUMIDITY	humidity [%]
HUMCOMMENT	humidity comment
DIRSUNLIGH	direct sunlight [hours]
DIRSUNCOMM	direct sunlight comment
CLOUDCOVER	cloud cover [%]
CLCOVCOMME	cloud cover comment
SENSHEIGHT	sensor height [m]
LOOKDIR	look direction [deg]
FREQUENCY1	[GHz]
CALIBR1	calibration frequency 1 [dB]
PRF1	PRF frequency 1 [KHz]
PLSLENGTH1	pulse length frequency 1 [NS]
RESOLSL1	resolution slant range frequency 1 [m]
RESOLGR1	resolution ground range frequency 1 [m]
TRANSPW1	transmitted power frequency 1 [mW]
DYNRAN1	dynamic range frequency 1 [dB]
BMWI3DB1	3dB beamwidth frequency 1 [deg]
FREQUENCY2	[GHz]
CALIBR2	calibration frequency 2 [dB]
PRF2	PRF frequency 2 [KHz]
PLSLENGTH2	pulse length frequency 2 [NS]
RESOLSL2	resolution slant range frequency 2 [m]
RESOLGR2	resolution ground range frequency 2 [m]
TRANSPW2	transmitted power frequency 2 [mW]
DYNRAN2	dynamic range frequency 2 [dB]
BMWI3DB2	3dB beamwidth frequency 2 [deg]
FREQUENCY3	[GHz]
CALIBR3	calibration frequency 3 [dB]
PRF3	PRF frequency 3 [KHz]
PLSLENGTH3	pulse length frequency 3 [NS]
RESOLSL3	resolution slant range frequency 3 [m]
RESOLGR3	resolution ground range frequency 3 [m]
TRANSPW3	transmitted power frequency 3 [mW]
DYNRAN3	dynamic range frequency 3 [dB]

Field name in dataset	Explanation
BMWI3DB3	3dB beamwidth frequency 3 [deg]
FREQUENCY4	[GHz]
CALIBR4	calibration frequency 4 [dB]
PRF4	PRF frequency 4 [KHz]
PLSLENGTH4	pulse length frequency 4 [NS]
RESOLSL4	resolution slant range frequency 4 [m]
RESOLGR4	resolution ground range frequency 4 [m]
TRANSPW4	transmitted power frequency 4 [mW]
DYNRAN4	dynamic range frequency 4 [dB]
BMWI3DB4	3dB beamwidth frequency 4 [deg]
FREQUENCY5	[GHz]
CALIBR5	calibration frequency 5 [dB]
PRF5	PRF frequency 5 [KHz]
PLSLENGTH5	pulse length frequency 5 [NS]
RESOLSL5	resolution slant range frequency 5 [m]
RESOLGR5	resolution ground range frequency 5 [m]
TRANSPW5	transmitted power frequency 5 [mW]
DYNRAN5	dynamic range frequency 5 [dB]
BMWI3DB5	3dB beamwidth frequency 5 [deg]
FREQUENCY6	[GHz]
CALIBR6	calibration frequency 6 [dB]
PRF6	PRF frequency 6 [KHz]
PLSLENGTH6	pulse length frequency 6 [NS]
RESOLSL6	resolution slant range frequency 6 [m]
RESOLGR6	resolution ground range frequency 6 [m]
TRANSPW6	transmitted power frequency 6 [mW]
DYNRAN6	dynamic range frequency 6 [dB]
BMWI3DB6	3dB beamwidth frequency 6 [deg]

5.1 Input RCS - Measurement data without confidence levels

Field name in dataset	Explanation
FIELDREF	field or property unit reference number NNXXXX.SRT.YYMMDD
TIMEOVER	time of overpass [HH.MM]
INCIANGLE	incidence angle [deg]
F1RCSMEAN	frequency 1 RCS - measurement mean
F1RCSSTDEV	frequency 1 RCS - measurement standard deviation
NR1SAMPLES	frequency 1 number of samples
F2RCSMEAN	frequency 2 RCS - measurement mean
F2RCSSTDEV	frequency 2 RCS - measurement standard deviation
NR2SAMPLES	frequency 2 number of samples
F3RCSMEAN	frequency 3 RCS - measurement mean
F3RCSSTDEV	frequency 3 RCS - measurement standard deviation
NR3SAMPLES	frequency 3 number of samples
F4RCSMEAN	frequency 4 RCS - measurement mean
F4RCSSTDEV	frequency 4 RCS - measurement standard deviation
NR4SAMPLES	frequency 4 number of samples
F5RCSMEAN	frequency 5 RCS - measurement mean
F5RCSSTDEV	frequency 5 RCS - measurement standard deviation
NR5SAMPLES	frequency 5 number of samples
F6RCSMEAN	frequency 6 RCS - measurement mean
F6RCSSTDEV	frequency 6 RCS - measurement standard deviation
NR6SAMPLES	frequency 6 number of samples

5.2 Input RCS - Measurement data with confidence levels frequency 1, frequency 2, frequency 3

Field name in dataset	Explanation
FIELDREF	field or property unit reference number NNXXXX.SRT.YYMMDD
TIMEOVER	time of overpass [HH.MM]
INCIANGLE	incidence angle [deg]
F1RCSMEAN	frequency 1 RCS - measurement mean
F1RCSSTDEV	frequency 1 RCS - measurement standard deviation
NR1SAMPLES	frequency 1 number of samples
CONLV105	confidence level frequency 1 5%
CONLV110	confidence level frequency 1 10%
CONLV115	confidence level frequency 1 15%
CONLV120	confidence level frequency 1 20%
CONLV125	confidence level frequency 1 25%
CONLV130	confidence level frequency 1 30%
CONLV135	confidence level frequency 1 35%
CONLV140	confidence level frequency 1 40%
CONLV145	confidence level frequency 1 45%
CONLV150	confidence level frequency 1 50%
CONLV155	confidence level frequency 1 55%
CONLV160	confidence level frequency 1 60%
CONLV165	confidence level frequency 1 65%
CONLV170	confidence level frequency 1 70%
CONLV175	confidence level frequency 1 75%
CONLV180	confidence level frequency 1 80%
CONLV185	confidence level frequency 1 85%
CONLV190	confidence level frequency 1 90%
CONLV195	confidence level frequency 1 95%
F2RCSMEAN	frequency 2 RCS - measurement mean
F2RCSSTDEV	frequency 2 RCS - measurement standard deviation
NR2SAMPLES	frequency 2 number of samples
CONLV205	confidence level frequency 2 5%
CONLV210	confidence level frequency 2 10%
CONLV215	confidence level frequency 2 15%
CONLV220	confidence level frequency 2 20%
CONLV225	confidence level frequency 2 25%
CONLV230	confidence level frequency 2 30%
CONLV235	confidence level frequency 2 35%
CONLV240	confidence level frequency 2 40%
CONLV245	confidence level frequency 2 45%
CONLV250	confidence level frequency 2 50%
CONLV255	confidence level frequency 2 55%
CONLV260	confidence level frequency 2 60%
CONLV265	confidence level frequency 2 65%
CONLV270	confidence level frequency 2 70%
CONLV275	confidence level frequency 2 75%
CONLV280	confidence level frequency 2 80%
CONLV285	confidence level frequency 2 85%
CONLV290	confidence level frequency 2 90%
CONLV295	confidence level frequency 2 95%

Field name in dataset	Explanation
F3RCSMEAN	frequency 3 RCS - measurement mean
F3RCSSTDEV	frequency 3 RCS - measurement standard deviation
NR3SAMPLES	frequency 3 number of samples
CONLV305	confidence level frequency 3 5%
CONLV310	confidence level frequency 3 10%
CONLV315	confidence level frequency 3 15%
CONLV320	confidence level frequency 3 20%
CONLV325	confidence level frequency 3 25%
CONLV330	confidence level frequency 3 30%
CONLV335	confidence level frequency 3 35%
CONLV340	confidence level frequency 3 40%
CONLV345	confidence level frequency 3 45%
CONLV350	confidence level frequency 3 50%
CONLV355	confidence level frequency 3 55%
CONLV360	confidence level frequency 3 60%
CONLV365	confidence level frequency 3 65%
CONLV370	confidence level frequency 3 70%
CONLV375	confidence level frequency 3 75%
CONLV380	confidence level frequency 3 80%
CONLV385	confidence level frequency 3 85%
CONLV390	confidence level frequency 3 90%
CONLV395	confidence level frequency 3 95%

5.3 Input RCS - Measurement data with confidence levels (1) frequency 4, frequency 5 ,frequency 6

Field name in dataset	Explanation
FIELDREF	field or property unit reference number NNXXXX.SRT.YYMMDD
TIMEOVER	time of overpass [HH.MM]
INCIANGLE	incidence angle [deg]
F4RCSMEAN	frequency 4 RCS - measurement mean
F4RCSSTDEV	frequency 4 RCS - measurement standard deviation
NR4SAMPLES	frequency 4 number of samples
CONLV405	confidence level frequency 4 5%
CONLV410	confidence level frequency 4 10%
CONLV415	confidence level frequency 4 15%
CONLV420	confidence level frequency 4 20%
CONLV425	confidence level frequency 4 25%
CONLV430	confidence level frequency 4 30%
CONLV435	confidence level frequency 4 35%
CONLV440	confidence level frequency 4 40%
CONLV445	confidence level frequency 4 45%
CONLV450	confidence level frequency 4 50%
CONLV455	confidence level frequency 4 55%
CONLV460	confidence level frequency 4 60%
CONLV465	confidence level frequency 4 65%
CONLV470	confidence level frequency 4 70%
CONLV475	confidence level frequency 4 75%
CONLV480	confidence level frequency 4 80%
CONLV485	confidence level frequency 4 85%
CONLV490	confidence level frequency 4 90%
CONLV495	confidence level frequency 4 95%
F5RCSMEAN	frequency 5 RCS - measurement mean
F5RCSSTDEV	frequency 5 RCS - measurement standard deviation
NR5SAMPLES	frequency 5 number of samples
CONLV505	confidence level frequency 5 5%
CONLV510	confidence level frequency 5 10%
CONLV515	confidence level frequency 5 15%
CONLV520	confidence level frequency 5 20%
CONLV525	confidence level frequency 5 25%
CONLV530	confidence level frequency 5 30%
CONLV535	confidence level frequency 5 35%
CONLV540	confidence level frequency 5 40%
CONLV545	confidence level frequency 5 45%
CONLV550	confidence level frequency 5 50%
CONLV555	confidence level frequency 5 55%
CONLV560	confidence level frequency 5 60%
CONLV565	confidence level frequency 5 65%
CONLV570	confidence level frequency 5 70%
CONLV575	confidence level frequency 5 75%
CONLV580	confidence level frequency 5 80%
CONLV585	confidence level frequency 5 85%
CONLV590	confidence level frequency 5 90%
CONLV595	confidence level frequency 5 95%

Field name in dataset	Explanation
F6RCSMEAN	frequency 6 RCS - measurement mean
F6RCSSTDEV	frequency 6 RCS - measurement standard deviation
NR6SAMPLES	frequency 6 number of samples
CONLV605	confidence level frequency 6 5%
CONLV610	confidence level frequency 6 10%
CONLV615	confidence level frequency 6 15%
CONLV620	confidence level frequency 6 20%
CONLV625	confidence level frequency 6 25%
CONLV630	confidence level frequency 6 30%
CONLV635	confidence level frequency 6 35%
CONLV640	confidence level frequency 6 40%
CONLV645	confidence level frequency 6 45%
CONLV650	confidence level frequency 6 50%
CONLV655	confidence level frequency 6 55%
CONLV660	confidence level frequency 6 60%
CONLV665	confidence level frequency 6 65%
CONLV670	confidence level frequency 6 70%
CONLV675	confidence level frequency 6 75%
CONLV680	confidence level frequency 6 80%
CONLV685	confidence level frequency 6 85%
CONLV690	confidence level frequency 6 90%
CONLV695	confidence level frequency 6 95%