

Dates Spectral Data Collected

Field Number	Number of Observations					
	9/21/78	10/26	6/1/79	6/21	7/25	8/11
56	15	14	-	-	15	10
57	19	21	-	-	22	22
58	11	15	-	-	-	-
75	12	15	-	-	-	-
77	29	27	-	-	-	-
86	10	5	7	9	11	6
87	14	13	11	8	12	2
106	17	12	11	10	-	-
109	43	41	-	-	-	-
110	14	-	8	8	-	10
116	5	4	-	-	-	-
117	9	11	8	8	8	8
118	12	10	10	9	13	10
127	27	26	23	26	-	25
135	16	13	13	13	13	11
142	36	31	37	20	-	-
147	51	56	45	65	-	-
148	57	53	48	52	-	-
153	28	25	24	23	25	20
154	26	31	-	-	25	25
163	25	28	-	-	-	-
168	23	25	24	26	35	35
172	13	17	10	9	-	-
174	19	17	18	17	-	-
176	60	52	53	47	44	59
180	29	25	24	25	27	26
181	15	11	10	11	11	12
182	15	11	12	10	12	14
185	-	-	-	-	4	3
191	28	27	20	23	24	19
194	52	51	49	49	-	-
198	27	25	24	35	-	-
199	28	25	23	12	28	23
210	29	23	-	-	-	-
211	30	24	24	22	23	25
217	13	12	10	10	13	11
218	23	26	24	24	39	-
219	11	10	11	9	4	-
231	20	23	19	18	15	18
233	9	14	12	14	11	12
247	58	53	-	-	-	-
256	38	32	32	37	-	-
264	27	23	23	17	28	23
274	18	14	11	15	-	14
275	-	-	-	40	-	-
281	58	48	51	40	-	-

Dates Spectral Data Collected (cont.)

Field Number	Number of Observations					
	9/21/78	10/26	6/1/79	6/21	7/25	8/11
284	23	22	19	24	-	-
286	11	12	-	-	-	-
288	29	28	23	23	27	22
289	16	16	16	11	-	-
290	25	29	24	27	27	27
291	29	26	24	24	29	23
292	11	15	-	-	-	-
294	54	55	52	50	57	59
295	29	29	22	25	23	19
296	27	26	-	-	-	-
299	64	48	38	53	28	57
303	59	55	52	51	-	-
306	-	-	-	-	21	25
307	27	23	24	22	24	23
308	21	21	18	23	-	19
317	8	7	-	-	-	-
332	26	26	21	28	19	-
333	39	41	34	-	-	-
342	56	56	52	48	-	-
349	-	-	-	-	16	16
355	-	-	23	24	-	-
357	-	-	11	12	-	-
361	-	-	11	13	6	-
374	-	-	4	3	-	-
375	-	-	33	40	-	-
428	-	-	23	26	-	-

Dates Spectral Dates Collected

Done ✓

✓ Gog. do not use Jan column.

Field Number	Crop	Number of Observations					
		9/21/78	10/26	6/1/79	6/21	7/25	8/11
✓ 56	Winter Wheat	15	14	-	-	15	10
✓ 57	Winter Wheat	19	21	-	-	22	22
58	Pasture	11	15	-	-	-	-
75	Spring Wheat	12	15	-	-	-	-
77	Corn	29	27	-	-	-	-
✓ 86	Corn	10	5	7	9	11	6
✓ 87	Winter Wheat	14	13	11	8	12	2
106	Pasture	17	12	11	10	-	-
109	Pasture	43	41	-	-	-	-
✓ 110	Sorghum	14	-	8	8	-	10
116	Alfalfa	5	4	-	-	-	-
✓ 117	Winter Wheat	9	11	8	8	8	8
✓ 118	Spring Wheat	12	10	10	9	13	10
✓ 127	Spring Wheat	27	26	23	26	-	25
135	Pasture	16	13	13	13	-	11
142	Pasture	36	31	37	20	-	-
147	Sorghum	51	56	45	65	-	-
✓ 148	Spring Wheat	57	53	48	52	-	-
✓ 153	Barley	28	25	24	23	25	20
✓ 154	Spring Wheat	26	31	-	-	25	25
163	Spring Wheat	25	28	-	-	-	-
✓ 168	Winter Wheat	23	25	24	26	35	35
172	Oats	13	17	10	9	-	-
174	Pasture	19	17	18	17	-	-
✓ 176	Winter Wheat	60	52	53	47	44	59
✓ 180	Idle Land	29	25	24	25	27	26
✓ 181	Spring Wheat	15	11	10	11	11	12
182	Alfalfa	15	11	12	10	12	14
185	Alfalfa	-	-	-	-	4	3
✓ 191	Oats	28	27	20	23	24	19
194	Pasture	52	51	49	49	-	-
198	Pasture	27	25	24	35	-	-
✓ 199	Spring Wheat	28	25	23	12	28	23
210	Winter Wheat	29	23	-	-	-	-
211	Alfalfa	30	24	24	22	23	25
✓ 217	Spring Wheat	13	12	10	10	13	11

Illumination Conditions for Spectral Data Collection

Flight Line	Roll Film Numbers		Time Period (GMT)		Solar Zenith Angle Range (degrees)	Solar Azimuth Angle Range (degrees)	Cloud Cover (%)
	NASA/JSC	Purdue/LARS	Start	Stop	max-min-max		

Date: 9/21/78

1	285	7ORF78-034	17:50	18:04	44 - 44	166-171	10
2	286	7ORF78-035	18:09	18:24	44 - 44	173-177	10
3	287	7ORF78-036	18:33	18:47	44 - 44	182-186	10

Date: 10/26/78

1	288	7ORF78-037	16:46	17:00	60 - 59	154-157	2
2	289	7ORF78-038	17:07	17:23	59 - 58	160-163	2
3	290	7ORF78-039	17:28	17:44	58 - 57	166-169	2

Date: 6/1/79

1	10	7ORF79-054	15:07	15:21	48 - 45	101-103	?
2	11	7ORF79-056	15:29	15:44	44 - 42	106-109	?
3	12	7ORF79-056	15:58	16:15	39 - 37	113-116	?

Date: 6/21/79

1	18	7ORF79-063	16:17	16:31	35 - 33	115-119	?
2	19	7ORF79-064	16:39	16:54	32 - 30	122-126	?
3	20	7ORF79-065	17:05	17:20	28 - 27	131-135	?

Date: 7/25/79

1	31	7ORF79-090	14:28	14:42	57 - 55	94-96	?
2	32	7ORF79-090	14:43	14:58	55 - 53	97-99	?
3	33	7ORF79-091	15:05	15:20	49 - 49	103-104	?

Date: 8/11/79

1	40	7ORF79-092	14:49	15:02	56 - 54	102-104	?
2	41	7ORF79-093	15:07	15:21	53 - 51	105-108	?
3	42	7ORF79-094	16:01	16:15	44 - 42	119-121	?