

Table 1. Image date list for the Kansas Satellite Image Database.

Path/Row	Image Date		
	Spring	Summer	Fall
26/34	04/28/2002	<i>07/09/2002</i>	10/05/2002
27/32	04/22/2003	07/24/2002	<i>10/07/03</i>
27/33	04/22/2003	<i>07/03/2003</i>	<i>10/23/2003</i>
27/34	04/22/2003	<i>07/03/2003</i>	<i>10/23/2003</i>
28/32	<i>04/21/2003</i>	<i>07/10/2003</i>	<i>10/14/2003</i>
28/33	<i>04/21/2003</i>	<i>07/10/2003</i>	<i>10/14/2003</i>
28/34	<i>04/21/2003</i>	<i>07/10/2003</i>	<i>10/14/2003</i>
29/32	<i>04/12/2003</i>	<i>07/17/2003</i>	<i>10/05/2003</i>
29/33	<i>04/12/2003</i>	<i>07/17/2003</i>	<i>09/19/2003</i>
29/34	<i>04/12/2003</i>	<i>07/17/2003</i>	<i>09/19/2003</i>
30/32	04/24/2002	07/29/2002	09/15/2002
30/33	04/24/2002	07/29/2002	09/15/2002
30/34	04/24/2002	<i>07/29/2002</i>	09/15/2002
31/32	04/15/2002	07/20/2002	<i>09/30/2002</i>
31/33	04/15/2002	06/18/2002	<i>09/30/2002</i>
31/34	04/15/2002	06/18/2002	<i>09/30/2002</i>

Italicized text indicates Landsat 5 data

Table 2. Images and counties affected by cloud cover. Cloud location identifies the general location of the cloud cover within each county. Some counties are affected by haze, which could not be taken out. Counties with haze are indicated by italics. The counties in bold are those that could be fixed using an overlapping satellite image.

Path/Row	Date	County	Cloud Location	Cloud Free Date
27/33	07/03/2003	Atchison	Northeast	07/24/2003
28/32	07/10/2003	Nemaha	Southeast, popcorn clouds	
28/33	07/10/2003	Pottawatomie	Southwest, popcorn clouds	
		Riley	Central, popcorn clouds	
		Cloud	East	07/17/2003
29/32	07/17/2003	<i>Jewell</i>	Southwest	
		<i>Smith</i>	Southwest	
		<i>Ellis</i>	North	
29/33	07/17/2003	<i>Osborne</i>	Southwest	
		Mitchell	East Central, popcorn clouds	
29/34	07/17/2003	<i>Comanche</i>	Southwest	
		Clark	Central and south	07/21/2003
31/32	07/17/2003	Cheyenne	Southwest, popcorn clouds	
31/33	06/18/2002	Thomas	north	07/20/2002
		<i>Sherman</i>	northeast	

Table 3. Image dates used to generate the county-tiled satellite image database. Twenty-two counties required two dates of imagery to create the county scene.

County	Path/Row	Image Date		
		Spring	Summer	Fall
Allen	27/34	04/22/2003	07/03/2003	10/23/2003
Anderson	27/33	04/22/2003	07/03/2003	10/23/2003
	27/34	04/22/2003	07/03/2003	10/23/2003
Atchison	27/33	04/22/2003	07/03/2003	10/23/2003
Barber	29/34	04/12/2003	07/17/2003	09/19/2003
Barton	29/33	04/12/2003	07/17/2003	09/19/2003
Bourbon	26/34	04/28/2002	07/09/2002	10/05/2002
Brown	27/32	04/22/2003	07/03/2003	10/07/2003
Butler	28/34	04/21/2003	07/10/2003	10/14/2003
Chase	28/33	04/21/2003	07/10/2003	10/14/2003
Chautauqua	27/34	04/22/2003	07/03/2003	10/23/2003
Cherokee	26/34	04/28/2002	07/09/2002	10/05/2002
Cheyenne	31/32	04/15/2002	07/20/2002	09/30/2002
	31/33	04/15/2002	06/18/2002	09/30/2002
Clark	29/34	04/12/2003	07/17/2003	09/19/2003
	30/34	04/24/2002	07/29/2002	09/15/2002
Clay	28/33	04/21/2003	07/10/2003	10/14/2003
Cloud	29/32	04/12/2003	07/17/2003	10/05/2003
	29/33	04/12/2003	07/17/2003	09/19/2003
Coffey	27/33	04/22/2003	07/03/2003	10/23/2003
	27/34	04/22/2003	07/03/2003	10/23/2003
Comanche	29/34	04/12/2003	07/17/2003	09/19/2003
Cowley	28/34	04/21/2003	07/10/2003	10/14/2003
Crawford	26/34	04/28/2002	07/09/2002	10/05/2002
Decatur	30/32	04/24/2002	07/29/2002	09/15/2002
	30/33	04/24/2002	07/29/2002	09/15/2002

Dickinson	28/33	04/21/2003	07/10/2003	10/14/2003
Doniphan	27/32	04/22/2003	07/24/2002	10/07/2003
Douglas	27/33	04/22/2003	07/03/2003	10/23/2003
Edwards	29/34	04/12/2003	07/17/2003	09/19/2003
Elk	27/34	04/22/2003	07/03/2003	10/23/2003
Ellis	29/33	04/12/2003	07/17/2003	09/19/2003
	30/33	04/24/2002	07/29/2002	09/15/2002
Ellsworth	29/33	04/12/2003	07/17/2003	09/19/2003
Finney	30/34	04/24/2002	07/21/2002	09/15/2002
	30/33	04/24/2002	07/29/2002	09/15/2002
Ford	30/34	04/24/2002	07/29/2002	09/15/2002
Franklin	27/33	04/22/2003	07/03/2003	10/23/2003
Geary	28/33	04/21/2003	07/10/2003	10/14/2003
Gove	30/33	04/24/2002	07/29/2002	09/15/2002
Graham	30/33	04/24/2002	07/29/2002	09/15/2002
Grant	31/34	04/15/2002	06/18/2002	09/30/2002
Gray	30/34	04/24/2002	07/29/2002	09/15/2002
Greeley	31/33	04/15/2002	06/18/2002	09/30/2002
Greenwood	27/34	04/22/2003	07/03/2003	10/23/2003
Hamilton	31/33	04/15/2002	06/18/2002	09/30/2002
	31/34	04/15/2002	06/18/2002	09/30/2002
Harper	28/34	04/21/2003	07/10/2003	10/14/2003
Harvey	28/34	04/21/2003	07/10/2003	10/14/2003
Haskell	30/34	04/24/2002	07/29/2002	09/15/2002
Hodgeman	30/33	04/24/2002	07/29/2002	09/15/2002
	30/34	04/24/2002	07/29/2002	09/15/2002
Jackson	27/33	04/22/2003	07/03/2003	10/23/2003
Jefferson	27/33	04/22/2003	07/03/2003	10/23/2003
Jewell	29/32	04/12/2003	07/17/2003	10/05/2003
Johnson	27/33	04/22/2003	07/03/2003	10/23/2003

Kearny	31/33	04/15/2002	06/18/2002	09/30/2002
	31/34	04/15/2002	06/18/2002	09/30/2002
Kingman	28/34	04/21/2003	07/10/2003	10/14/2003
	29/34	04/12/2003	07/17/2003	09/19/2003
Kiowa	29/34	04/12/2003	07/17/2003	09/19/2003
Labette	27/34	04/22/2003	07/03/2003	10/23/2003
Lane	30/33	04/24/2002	07/29/2002	09/15/2002
Leavenworth	27/33	04/22/2003	07/03/2003	10/23/2003
Lincoln	29/33	04/12/2003	07/17/2003	09/19/2003
Linn	26/34	04/28/2002	07/09/2002	10/05/2002
	27/33	04/22/2003	07/03/2003	10/23/2003
Logan	31/33	04/15/2002	06/18/2002	09/30/2002
Lyon	27/33	04/22/2003	07/03/2003	10/23/2003
	27/34	04/22/2003	07/03/2003	10/23/2003
Marion	28/33	04/21/2003	07/10/2003	10/14/2003
	28/34	04/21/2003	07/10/2003	10/14/2003
Marshall	28/32	04/21/2003	07/10/2003	10/14/2003
Mc Pherson	28/33	04/21/2003	07/10/2003	10/14/2003
Meade	30/34	04/24/2002	07/29/2002	09/15/2002
Miami	27/33	04/22/2003	07/03/2003	10/23/2003
Mitchell	29/33	04/12/2003	07/17/2003	09/19/2003
Montgomery	27/34	04/22/2003	07/03/2003	10/23/2003
Morris	28/33	04/21/2003	07/10/2003	10/14/2003
Morton	31/34	04/15/2002	06/18/2002	09/30/2002
Nemaha	28/32	04/21/2003	07/10/2003	10/14/2003
Neosho	27/34	04/22/2003	07/03/2003	10/23/2003
Ness	30/33	04/24/2002	07/29/2002	09/15/2002
Norton	30/32	04/24/2002	07/29/2002	09/15/2002
	30/33	04/24/2002	07/29/2002	09/15/2002
Osage	27/33	04/22/2003	07/03/2003	10/23/2003

Osborne	29/33	04/12/2003	07/17/2003	09/19/2003
Ottawa	28/33	04/21/2003	07/10/2003	10/14/2003
Pawnee	29/33	04/12/2003	07/17/2003	09/19/2003
	29/34	04/12/2003	07/17/2003	09/19/2003
Phillips	30/32	04/24/2002	07/29/2002	09/15/2002
Pottawatomie	28/33	04/21/2003	07/10/2003	10/14/2003
Pratt	29/34	04/12/2003	07/17/2003	09/19/2003
Rawlins	31/32	04/15/2002	07/20/2002	09/30/2002
Reno	28/34	04/21/2003	07/10/2003	10/14/2003
	29/34	04/12/2003	07/17/2003	09/19/2003
Republic	29/32	04/12/2003	07/17/2003	10/05/2003
Rice	29/33	04/12/2003	07/17/2003	09/19/2003
Riley	28/33	04/21/2003	07/10/2003	10/14/2003
Rooks	30/33	04/24/2002	07/29/2002	09/15/2002
Rush	29/33	04/12/2003	07/17/2003	09/19/2003
Russell	29/33	04/12/2003	07/17/2003	09/19/2003
Saline	28/33	04/21/2003	07/10/2003	10/14/2003
Scott	30/33	04/24/2002	07/29/2002	09/15/2002
Sedgwick	28/34	04/21/2003	07/10/2003	10/14/2003
Seward	30/34	04/24/2002	07/29/2002	09/15/2002
Shawnee	27/33	04/22/2003	07/03/2003	10/23/2003
Sheridan	30/33	04/24/2002	07/29/2002	09/15/2002
Sherman	31/33	04/15/2002	06/18/2002	09/30/2002
Smith	29/32	04/12/2003	07/17/2003	10/05/2003
	29/33	04/12/2003	07/17/2003	09/19/2003
Stafford	29/33	04/12/2003	07/17/2003	09/19/2003
	29/34	04/12/2003	07/17/2003	09/19/2003
Stanton	31/34	04/15/2002	06/18/2002	09/30/2002
Stevens	30/34	04/24/2002	07/29/2002	09/15/2002
Sumner	28/34	04/21/2003	07/10/2003	10/14/2003

Thomas	31/33	04/15/2002	06/18/2002	09/30/2002
Trego	30/33	04/24/2002	07/29/2002	09/15/2002
Wabaunsee	27/33	04/22/2003	07/03/2003	10/23/2003
	28/33	04/21/2003	07/10/2003	10/14/2003
Wallace	31/33	04/15/2002	06/18/2002	09/30/2002
Washington	28/32	04/21/2003	07/10/2003	10/14/2003
	28/33	04/21/2003	07/10/2003	10/14/2003
Wichita	31/33	04/15/2002	06/18/2002	09/30/2002
Wilson	27/34	04/22/2003	07/03/2003	10/23/2003
Woodson	27/34	04/22/2003	07/03/2003	10/23/2003
Wyandotte	27/33	04/22/2003	07/03/2003	10/23/2003

Table 4. Multispectral and panchromatic dates used to create the fused image products. All fused image products falling within an ETM+ scene were created using both the multispectral and panchromatic bands from the same date. When the fused product was created using TM multispectral data, the panchromatic band from ETM+ scene with the closest date was used to create the fused product. Because all imagery from paths 28 and 29 were TM data, panchromatic bands from ETM+ images from the previous archive (containing images dating from 2000 and 2001) were used to create the fused products.

Path/Row	Image Date	
	Multispectral	Panchromatic
26/34	04/28/2002	04/28/2002
	07/09/2002	04/28/2002
	10/05/2002	10/05/2002
27/32	04/22/2003	04/22/2003
	07/24/2002	07/24/2002
	10/07/2003	07/24/2002
27/33	04/22/2003	04/22/2003
	07/03/2003	04/22/2003
	10/23/2003	04/22/2003
27/34	04/22/2003	04/22/2003
	07/03/2003	04/22/2003
	10/23/2003	04/22/2003
28/32	04/21/2003	05/09/2001
	07/10/2003	08/13/2001
	10/14/2003	10/16/2001
28/33	04/21/2003	05/09/2001
	07/10/2003	07/09/2000
	10/14/2003	10/16/2001
28/34	04/21/2003	05/09/2001
	07/10/2003	07/09/2000
	10/14/2003	10/16/2001
29/32	04/12/2003	05/13/2001
	07/17/2003	07/01/2001
	10/05/2003	09/21/2001
29/33	04/12/2003	05/16/2001
	07/17/2003	08/04/2001

	09/19/2003	09/21/2001
29/34	04/12/2003	05/16/2001
	07/17/2003	08/04/2001
	09/19/2003	10/23/2001
30/32	04/24/2002	04/24/2002
	07/29/2002	07/29/2002
	09/15/2002	09/15/2002
30/33	04/24/2002	04/24/2002
	07/29/2002	07/29/2002
	09/15/2002	09/15/2002
30/34	04/24/2002	04/24/2002
	07/21/2002	09/15/2002
	09/15/2002	09/15/2002
31/32	04/15/2002	04/15/2002
	07/20/2002	07/20/2002
	09/30/2002	07/20/2002
31/33	04/15/2002	04/15/2002
	06/18/2002	06/18/2002
	09/30/2002	06/18/2002
31/34	04/15/2002	04/15/2002
	06/18/2002	06/18/2002
	09/30/2002	06/18/2002