

The river is frozen. 431.3 redtail. 433.0 redtail. 437.1 redtail,  
 redtail, 438.7 redtail, 4 crows. 439.0 redtail. 440.3 redtail.  
 441.1 redtail. 441.6 first american roughleg, and sparrow hawk,  
 443.3 redtail. 444.4 roughleg. 445.0 roughleg, crow. 446.6 red-  
 tail. 448.3 3 redtails. 449.4 White Water River, ice, <sup>but water flowing.</sup>  
<sup>on side of</sup> river.  
 Redtail, 2 meadowlark. 450.1 roughleg. Trace of snow on some parts  
 of highway. 453.7 sp. hawk 454.5 redtail. 455.4 redtail flying.  
 459.0 redtail. 459.7 redtail. 460.2 4 redtails. ~~and~~ 460.4  
 redtail. 461.2 redtail. 462.0 roughleg. 462.9 roughleg.  
 Beginning to look more like Flint Hills. 463.9 roughleg. all  
 grasslands are pastured. 464.9 2 crows. 465.7 marsh hawk.  
 466.0 redtail. 467.1 2 redtail, one flying, one in a tree. 467.0  
 redtail. 469.0 redtail. 469.6 redtail. 470.3 cottontail road-  
 kill. 471.1 marsh hawk. 472.2 redtail. 473.0 2 redtails,  
 roughleg. 474.0 roughleg. 475.3 roughleg. 475.9 redtail. Sign  
 says Flint Hills next 31 miles. 476.3 roughleg. 477.2 2 roughlegs one  
 in tree and one circling. 478.6 exit to ~~Cassady~~ Cassoday. 479.5  
 redtail. 480.4 roughleg, meadowlark. 484.2 roughleg hovering.  
 486.2 bridge over gully at the 100 mile marker. 488.5 roughleg.  
 hovering, cottontail road kill. 489.9 roughleg. 493.2 marsh  
 hawk, interesting reds and greens in rocks. 493.8 roughleg.  
 496.9 overpass to Cattle Pen. (1575 feet and middle of Flint Hills).  
 500.4 first visual trace of snow although only on parts of road where  
 wind drifts snow. 504.6 roughleg. 506.1 2 roughlegs hovering.  
 509.7 marsh hawk, redtail. 510.8 Cottonwood River, frozen but  
 flowing in parts (2:15 P.M.). Slight increase in snow. 511.8 redtail.  
 513.0 exit 35 Interstate. 514.4 Neosho River, redtail. 516.4  
 redtail on pole. 516.6 redtail. 517.2 redtail. 517.8 roughleg.  
 519.0 redtail. 520.4 2 juv. redtails 2 inches apart. 522.8 marsh  
 hawk, redtail. 523.6 sp. hawk. 524.9 roughleg, marsh hawk.  
 525.6 roughleg. 526.7 redtail. 528.0 redtail. 529.1 redtail.  
 533.3 marsh hawk at Ardmore exit. 534.0 roughleg, meadowlark.  
 536.7 marsh hawk (solid overcast all the way but now some blue  
 sky to N. 541.5 redtail 541.6 marsh hawk. 543.4 2 redtail.  
 543.6 (temp 10°F, 2:55 P.M., wind from NW). 567.9 East Topeka exit.  
 573.0 redtail. 575.0 redtail (2), crow. 577.8 redtail. 578.4  
 sp. hawk. 579.4 2 redtails one chasing the other. Approaching  
 Lawrence, ponds frozen and no evidence of snow on any exposure.  
 584.4 redtail 588.0 redtail, meadowlark. 588.5 West Gate  
 at Lawrence. Home 84589.7 at 8:00 P.M. having travelled  
 3,347 miles