

## Ⅱ. 토지 및 기후

### Land and Climate

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## 1. 위치 Location

소재지  Location	단  Extremity	경도와 위도의 극점 Extreme of longitude and latitude		연장거리  Gross distance
		지명 Name of place	극점 Extreme	
음성군 음성읍 중앙로 173  173 Jungang-ro  Eumseong Eup, Eumseong Gun, Chungcheong, buk Do,  Korea	동단  The Eastern Extremity	소이면 문등리 동단  The Eastern Extremity of Mundeung Ri, Soi Myeon	동경 127°47'54" East longitude  북위 36°54'27" North latitude	동서간 31.5 km  East-West distance 31.5 km
	서단  The Western Extremity	대소면 내산리 서단  The Western Extremity of Naesan Ri, Daeso Myeon	동경 127°26'44" East longitude  북위 36°57'31" North latitude	남북간 35.7 km  South-North distance 35.7 km
	남단  The Southern extremity	원남면 문암리 남단  The Southern Extremity of Munam Ri, Wonnam Myeon	동경 127°36'52" East longitude  북위 36°50'03" North latitude	
	북단  The Northern extremity	감곡면 단평리 북단  The Northern Extermity of Danpyeong Ri, Gamgok Myeon	동경 127°37'42" East longitude  북위 37°09'19" North latitude	

자료 : 국토해양부 국토지리정보  
주 : 위치측정의 기준 : 세계측지계

Source : Ministry of Land Transport and Maritime Affairs

## 2. 행정 구역

### Area and Number of Administrative Units

연별 및 읍면별  Year & eup.myeon	면적		군  Gun	읍  Eup	면  Myeon	리 Ri	반  Ban	자연 마을
	Area  (km <sup>2</sup> )	구성비  Composition  (%)				행정		Natural village
						Administrative		
2009	520	100	1	2	7	321	1,236	650
2010	520	100	1	2	7	322	1,242	651
2011	520	100	1	2	7	322	1,242	651
2012	520	100	1	2	7	324	1,234	649
2013	520	100	1	2	7	327	1,246	651
<b>2014</b>	<b>520</b>	<b>100</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>328</b>	<b>1,258</b>	<b>651</b>
음성읍 Eumseong-eup	86	17	1	1	-	46	287	97
금왕읍 Geumwang-eup	71	14	-	1	-	51	247	105
소이면 Soi-myeon	49	9	-	-	1	26	80	49
원남면 Wonnam-myeon	65	12	-	-	1	30	85	69
맹동면 Maengdong-myeon	35	7	-	-	1	22	69	42
대소면 Daeso-myeon	38	7	-	-	1	51	189	72
삼성면 Samseong-myeon	51	10	-	-	1	36	95	52
생극면 Saenggeuk-myeon	56	11	-	-	1	28	65	60
감곡면 Gamgok-myeon	69	13	-	-	1	38	141	105

자료 : 자치행정과

Source : Administration Division

## 3. 토지지목별 현황

단위 : m<sup>2</sup>

연별 및 읍면별	계  Total	전  Dry paddy	답  Rice paddy	과수원  Orchard	목장용지  Pasture	임야  Forest field
2009	520,400,800	65,026,097	80,583,563	7,589,674	3,682,513	280,869,739
2010	520,364,529	64,760,033	80,147,232	7,585,285	3,701,034	280,388,711
2011	520,330,359	65,075,717	79,805,524	8,043,834	3,721,535	278,649,132
2012	520,316,119	64,908,568	78,765,891	8,381,163	3,693,529	276,505,473
2013	520,301,426	64,181,006	77,449,087	8,287,838	3,671,009	274,873,188
<b>2014</b>	<b>520,278,823</b>	<b>63,901,167</b>	<b>76,967,900</b>	<b>8,254,918</b>	<b>3,650,115</b>	<b>274,231,756</b>
음성읍	86,377,302.60	10,493,407	6,919,144	1,826,415	681,675	55,861,169
금왕읍	71,377,332.60	9,954,228.30	11,578,262.60	316,486	531,117	33,269,818
소이면	48,894,539.10	5,409,788.80	8,652,369.80	789,756.40	373,090	27,112,294
원남면	64,718,418.60	7,150,489	6,613,064	633,049	333,399	40,472,816
맹동면	34,683,773.30	4,832,968	5,836,711.20	142,792	155,965	16,723,886
대소면	38,172,023	6,744,783	10,823,522.50	356,237	150,266	8,490,848
삼성면	50,593,924.40	8,923,935.20	10,804,114.80	308,111	656,219	17,061,301
생극면	56,037,781.10	5,293,503.40	7,028,039.80	585,183.40	422,106	33,833,093
감곡면	69,423,728	5,098,064	8,712,670.80	3,296,888.20	346,278	41,406,531

자료 : 민원과

### 3. Area of Land Category

Unit : m<sup>2</sup>

대지 Building land	공장용지 Factory site	학교용지 School site	주차장 Parking lot	주유소 용지 Service statopm site	창고용지 Warehouse site	도로 Road	Year & eup.myeon
12,264,072	14,060,528	1,056,021	22,596	149,539	514,582	17,223,409	2009
12,456,277	14,466,982	1,056,021	23,687	151,385	517,481	17,385,532	2010
12,690,035	15,007,313	1,056,022	32,212	157,896	554,818	17,385,225	2011
12,932,015	16,418,302	1,060,200	42,390	159,760	573,629	17,558,639	2012
13,167,366	16,833,517	1,057,664	44,717	168,987	612,064	20,446,068	2013
<b>13,399,194</b>	<b>17,345,451</b>	<b>1,080,060</b>	<b>56,051</b>	<b>176,754</b>	<b>656,887</b>	<b>20,671,347</b>	<b>2014</b>
2,196,254.80	577,654	235,040	4,231	21,193	84,113	2,732,424.50	Eumseong-eup
2,369,119	3,293,525.20	160,588	7,420.60	28,162	98,646	3,516,228	Geumwang-eup
1,005,212	958,826	42,771	-	3,932	37,987	1,299,690.40	Soi-myeon
1,208,154.10	1,112,026.40	46,353	6,392.80	17,292	41,971	1,975,753.30	Wonnam-myeon
801,990.50	1,049,946.80	29,906	3,545.80	4,088	29,869	1,489,104.60	Maengdong-myeon
1,684,919.90	3,775,327.40	63,272	17,078.80	47,461	91,432.80	2,470,896.70	Daeso-myeon
1,406,462.90	3,846,599.10	97,365	16,157	10,363	91,403	2,451,599.30	Samseong-myeon
1,176,039.40	1,277,670	67,040	463.8	26,605	77,177	2,054,466.90	Saenggeuk-myeon
1,551,041.80	1,453,875.60	337,725	760.9	17,658	104,288	2,681,182.80	Gamgok-myeon

Source : General Civil Affairs Office

### 3. 토지지목별 현황(계속)

단위 : m<sup>2</sup>

연별 및 읍면별	철도용지 Rail way	하천 River	제방 Bank	구거 Ditch	유지 Marsh	양어장 Fish farm	수도용지 Water reservoirs
2009	896,643	11,279,827	1,080,020	11,959,288	6,322,149	34,787	182,216
2010	896,643	11,317,123	1,070,956	11,932,129	6,378,781	50,538	182,170
2011	888,877	11,303,370	1,070,880	11,893,378	6,375,704	58,745	184,335
2012	873,968	11,292,165	1,070,880	11,870,015	6,393,494	61,735	186,103
2013	859,262	11,252,551	1,069,066	11,779,143	6,374,297	57,809	203,007
<b>2014</b>	<b>865,840</b>	<b>11,206,818</b>	<b>1,069,037</b>	<b>11,759,764</b>	<b>6,373,239</b>	<b>57,552</b>	<b>203,007</b>
음성읍	181,278	1,437,325	106,593.40	1,204,560.90	756,499	-	17,554
금왕읍	-	1,014,491	160,595	2,132,554.60	1,446,170.40	13,980	27,959.20
소이면	150,522	1,278,699.30	75,195	1,058,829.10	297,203	-	22,795.20
원남면	534,040	1,757,744.70	36,934	1,015,827.40	1,173,363.20	1,674	23,176.50
맹동면	-	491,072	44,366	1,311,016.20	1,148,810	-	23,812.90
대소면	-	807,639	175,058.10	1,683,368.50	111,376.80	21,594	6,916
삼성면	-	593,339	224,134	1,225,483.60	632,553	2,990	2,241.30
생극면	-	1,648,321.70	111,808.10	925,766.80	401,734	10,135	53,502
감곡면	-	2,178,186.30	134,353	1,202,356.50	405,530	7,179	25,049.70

자료 : 종합민원과

### 3. Area of Land Category (Cont'd)

							Unit : m <sup>2</sup>
공원	체육용지	유원지	종교용지	사적지	묘지	잡종지	Year & eup.myeon
Park	Sporting facilities site	Recreation area	Religious site	Historical site	Grave yard	Miscellaneous area	
335,809	783,226	24,027	332,211	357	1,999,312	2,128,596	2009
335,809	786,660	24,027	340,538	357	2,105,642	2,303,495	2010
335,809	920,383	24,027	345,231	357	2,112,037	2,637,963	2011
484,206	1,903,865	24,027	347,791	357	2,093,738	2,714,214	2012
512,189	1,919,418	24,027	354,884	357	2,075,888	3,027,017	2013
<b>510,122</b>	<b>1,988,685</b>	<b>22,675</b>	<b>394,039</b>	<b>357</b>	<b>2,117,709</b>	<b>3,318,381</b>	<b>2014</b>
1,513	124,516	-	67,880	-	626,780	220,083	Eumseong- eup
97,472.30	107,752	-	85,073	-	99,214	1,068,470.40	Geumwang- eup
-	12,204	-	14,779	-	77,186	221,409.10	Soi-myeon
133,174.90	1,971	-	26,169	-	199,539	204,045.30	Wonnam- myeon
74,106	3,613	-	57,741	-	205,482	222,981.30	Maengdong- myeon
117,271	26,313	-	32,153	-	123,644	350,644.50	Daeso- myeon
51,314.90	1,684,908.20	-	27,661	-	35,156	440,513.10	Samseong- myeon
2,178.10	25,066	22,675	44,392	-	601,407	349,407.70	Saenggeuk- myeon
33,091.80	2,342	-	38,191	357	149,301	240,826.60	Gamgok- myeon

Source : General Civil Affairs Office

## 4. 기상 개황

연별 및 월별	기온 (°C) Air temperature					강수량 Precipitation (mm)	상대 습도 (%) Relative humidity	
	평균	평균최고	최고극값	평균최저	최저극값		평균	최소
	Mean	Mean Maximum	Highest	Mean Minimum	Lowest		Mean	Lowest
2009	11.9	18.0	34.1	6.4	-16.8	936.8	66	10
2010	11.5	17.2	35.1	6.5	-21.4	1212.3	68	9
2011	11.4	17.3	34.6	6.2	-19.3	2073.3	66	8
2012	11.5	17.3	36.9	6.4	-20.7	1290.3	65	8
2013	11.8	17.6	34.2	6.6	-21.7	1102.6	67	9
<b>2014</b>	<b>12.2</b>	<b>18.4</b>	<b>34.9</b>	<b>6.9</b>	<b>-14.2</b>	<b>899.6</b>	<b>65</b>	<b>11</b>
1 월	-2.1	3.8	9.1	-7.2	-13.0	14.0	63	13
2 월	1.3	7.2	15.3	-3.7	-10.3	18.9	59	19
3 월	6.9	13.3	25.0	0.6	-7.1	37.7	55	11
4 월	13.1	20.4	26.9	6.2	-1.1	39.6	53	11
5 월	18.5	26.0	34.7	11.2	3.6	26.3	52	13
6 월	22.7	28.5	31.1	18.1	14.7	63.3	63	25
7 월	25.5	30.7	34.9	21.1	16.6	92.6	70	25
8 월	23.8	28.3	34.6	20.5	16.6	284.3	79	35
9 월	20.4	26.8	31.0	15.3	9.5	122.7	74	16
10 월	13.1	20.7	27.2	7.1	0.9	153.8	72	12
11 월	6.8	13.2	17.5	1.6	-4.5	23.5	71	16
12 월	-3.7	1.6	9.2	-8.4	-14.2	22.9	64	23

자료 : 청주기상지청

주 : 1) 2011년 1월 11일부터 충주의 관측요소가 변경되어 평균윤량 등 목측자료는 없음.

2) 매일 3, 6, 9, 12, 15, 18, 21, 24시의 8회 관측치를 산술평균한 것임



## 4. Summary of Meteorological Data

평균해면기압 Air pressure of mean sea level (hPa)	이슬점온도 Mean dewpoint temperature (°C)	평균운량 Mean cloud (10%)	일조시간 Duration of sunshine (h)	최심신적설 Maximum depth of (cm)	바람 (m/s) Wind speed			Year & Month
					평균풍속 Mean	최대풍속 Fastest	최대순간풍속 Greatest gust	
1015.9	4.8	5.1	2033.3	13.2	1.5	8.0	16.0	2009
1016.4	5.0	5.4	1867.9	15.6	1.5	8.4	15.2	2010
1017.0	4.4	...	2023.7	...	1.6	8.8	16.3	2011
1016.3	4.3	...	2420.7	...	1.6	9.6	18.0	2012
1016.3	5.1	...	2358.7	...	1.6	9.0	17.3	2013
<b>1016.9</b>	<b>4.8</b>		<b>2353.0</b>		<b>1.6</b>	<b>8.9</b>	<b>16.0</b>	<b>2014</b>
1025.6	-8.9	...	169.6	...	1.2	7.2	11.7	JANUARY
1025.5	-6.6	...	166.0	...	1.5	5.9	9.4	FEBRUARY
1019.9	-2.7	...	214.6	...	1.8	7.2	12.4	MARCH
1017.2	2.2	...	225.1	...	1.8	7.1	14.4	APRIL
1010.9	6.9	...	305.8	...	2.1	7.2	12.1	MAY
1006.5	14.6	...	199.7	...	1.7	6.3	11.0	JUNE
1007.4	19.0	...	178.8	...	1.6	8.9	16.0	JULY
1008.5	19.4	...	129.7	...	1.6	7.0	11.9	AUGUST
1013.8	14.9	...	202.1	...	1.3	5.5	12.0	SEPTEMBER
1020.3	7.3	...	226.3	...	1.4	7.1	14.2	OCTOBER
1022.1	1.1	...	161.4	...	1.4	8.0	13.4	NOVEMBER
1024.8	-10.1	...	173.9	...	1.7	7.5	13.8	DECEMBER

Source : Cheongju Branch Office of Meteorology

### 5. 일기 일수 Weather Days

단위 : 일

Unit : Day

연월 및 월별 Year & Month	맑음 Clear	구름조금 Partly cloudy	구름많음 Mostly cloudy	흐림 Cloud	강수 Rain	서리 Frost	안개 Fog	눈 Snow	뇌전 Thunder storm	폭풍 Gale	황사 Yellow sand
2009	90	102	79	94	106	86	39	21	19	-	7
2010	81	93	63	128	138	85	45	34	25	-	15
2011	...	...	...	...	111	...	...	...	...	...	...
2012	...	...	...	...	120	...	...	...	...	...	...
2013	...	...	...	...	113	...	...	...	...	...	...
<b>2014</b>	...	...	...	...	<b>102</b>	...	...	...	...	...	...
1 월 JANUARY	...	...	...	...	5	...	...	...	...	...	...
2 월 FEBRUARY	...	...	...	...	4	...	...	...	...	...	...
3 월 MARCH	...	...	...	...	9	...	...	...	...	...	...
4 월 APRIL	...	...	...	...	8	...	...	...	...	...	...
5 월 MAY	...	...	...	...	5	...	...	...	...	...	...
6 월 JUNE	...	...	...	...	9	...	...	...	...	...	...
7 월 JULY	...	...	...	...	14	...	...	...	...	...	...
8 월 AUGUST	...	...	...	...	17	...	...	...	...	...	...
9 월 SEPTEMBER	...	...	...	...	6	...	...	...	...	...	...
10 월 OCTOBER	...	...	...	...	7	...	...	...	...	...	...
11 월 NOVEMBER	...	...	...	...	8	...	...	...	...	...	...
12 월 DECEMBER	...	...	...	...	10	...	...	...	...	...	...

자료 : 청주기상지청

Source : Cheongju Branch Office of Meteorology

주 : 2011년 1월 11일부터 층주의 관측요소가 변경되어 강수일수와 목측관측요소가 없음.

## 6. 강수량 Precipitation

단위 : mm

Unit : mm

연별 및 읍면별	계 Total	1 월 Jan.	2 월 Feb.	3 월 Mar.	4 월 Apr.	5 월 May	6 월 Jun.	7 월 Jul.	8 월 Aug.	9 월 Sep.	10 월 Oct.	11 월 Nov.	12 월 Dec.
2009	1,083.8	13.8	20.0	58.0	28.9	103.2	92.4	412.3	194.4	42.7	47.2	39.8	31.1
2010	1,296.0	46.5	67.0	99.0	79.0	91.0	50.0	169.5	378.0	262.5	17.0	19.0	17.5
2011	1,888.2	0.5	45.5	39.6	146.3	152.9	395.9	572.2	263.9	136.4	45.5	76.9	12.4
2012	1,276.1	1.1	4.1	71.2	112.8	31.3	65.7	326.8	355.4	174.2	59.1	44.6	29.8
2013	1,085.7	30.6	29.5	41.8	55.6	95.6	151.8	262.6	203.3	124.5	18.7	45.9	25.9
<b>2014</b>	<b>7,552.0</b>	<b>67.0</b>	<b>159.0</b>	<b>279.0</b>	<b>339.0</b>	<b>254.0</b>	<b>651.0</b>	<b>1,765.0</b>	<b>1,847.0</b>	<b>844.0</b>	<b>1,072.0</b>	<b>149.0</b>	<b>126.0</b>
음성읍	872.0	7.0	17.0	26.0	47.0	34.0	42.0	213.0	209.0	103.0	141.0	20.0	13.0
금왕읍	916.0	8.0	16.0	33.0	37.0	29.0	68.0	220.0	224.0	105.0	139.0	17.0	20.0
소이면	925.0	6.0	13.0	43.0	45.0	21.0	68.0	171.0	237.0	132.0	163.0	18.0	8.0
원남면	771.0	7.0	16.0	32.0	24.0	26.0	70.0	172.0	190.0	93.0	118.0	17.0	6.0
맹동면	916.0	9.0	18.0	36.0	35.0	29.0	90.0	249.0	177.0	102.0	137.0	12.0	22.0
대소면	767.0	7.0	16.0	23.0	33.0	23.0	33.0	204.0	174.0	97.0	126.0	14.0	17.0
삼성면	960.0	8.0	24.0	30.0	47.0	31.0	74.0	205.0	240.0	115.0	156.0	18.0	12.0
생곡면	740.0	8.0	19.0	27.0	36.0	30.0	70.0	169.0	229.0	52.0	71.0	16.0	13.0
감곡면	685.0	7.0	20.0	29.0	35.0	31.0	136.0	162.0	167.0	45.0	21.0	17.0	15.0

자료 : 안전총괄과

