발간등록번호
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전라남도 기후변화 전망보고서 2023

SSP 4종 시나리오에 따른 기후변화 전망

기상청

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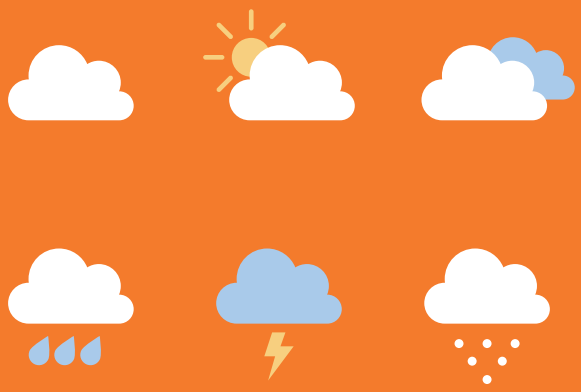
전라남도 기후변화 전망보고서 2023



CHAPTER 01

서 론

1. 발간 배경 및 목적

- IPCC(기후변화에 관한 정부 간 협의체) 제6차 평가보고서(2021)에 따르면 산업화 이전 대비 2011~2020년의 전지구 표면 온도는 1.09℃ 상승하였고, 이번 세기 중반까지 현 수준의 온실가스 배출량이 지속된다면 2021-2040년 중 1.5℃ 지구온난화를 넘을 위험이 높음.
- 우리나라도 최근 30년(1991-2020년) 평균기온이 과거(1912-1940년)에 비해 1.6℃ 상승하였으며 폭염·열대야 일수 등 더위 관련 극한기후지수는 증가하고 호우와 같은 극한강수 발생일수도 증가하였음(기상청, 2021).
- 지구온난화가 가속화될수록 막대한 피해를 초래하는 극한기후현상이 더욱 빈번하고 강하게 나타나는 추세이며, 이러한 영향은 지역 및 부문별로 다르게 나타나고 있어 기후변화 취약성 및 영향 분석·평가 등을 위해 상세 지역별 미래 기후변화 전망정보가 요구됨.
- 기상청은 SSP(Shared Socio-economic Pathways) 시나리오(SSP1-2.6/2-4.5/3-7.0/5-8.5)에 대한 전지구(135km 공간해상도), 동아시아·한반도(25km) 및 남한상세(1km) 영역별 미래 기후변화 전망정보를 생산하였고(국립기상과학원, 2019; 2020; 2021; 2022), 기후위기 정책 지원을 위해 행정구역별(광역시도, 시군구, 읍면동)로 전망정보를 산출하여 2022년부터 기후정보포털을 통해 제공 중임.
- 본 보고서는 SSP 행정구역별 전망정보 중 전라남도에 대한 상세 미래전망 분석 정보를 수록하였음.

2. 기후변화 시나리오 정의 및 개념

- 기후변화 시나리오는 온실가스, 에어로졸, 토지이용 변화 등의 인위적인 원인으로 발생한 복사강제력 변화를 지구시스템 모델에 적용하여 산출한 미래 기후변화 전망정보(기온, 강수량, 바람, 습도 등)임.
- SSP 시나리오는 2100년 기준의 복사강제력 정도(기존 RCP 개념)와 함께 기후변화 적응과 온실가스 감축 여부에 따라 인구, 경제, 토지이용, 에너지 사용 등 미래의 사회경제 지표의 정량적인 변화 내용을 포함하는 5개 그룹으로 구성됨(O'Neill et al., 2014; 2017)(그림 1-1).
- IPCC 6차 평가보고서의 표준 온실가스 경로는 SSP1-2.6, SSP2-4.5, SSP3-7.0, SSP5-8.5 4종으로 첫 번째 숫자는 기후변화 적응 및 완화를 위한 사회·경제적 노력, 두 번째 숫자는 2100년 기준의 복사강제력을 나타냄(표 1-1).

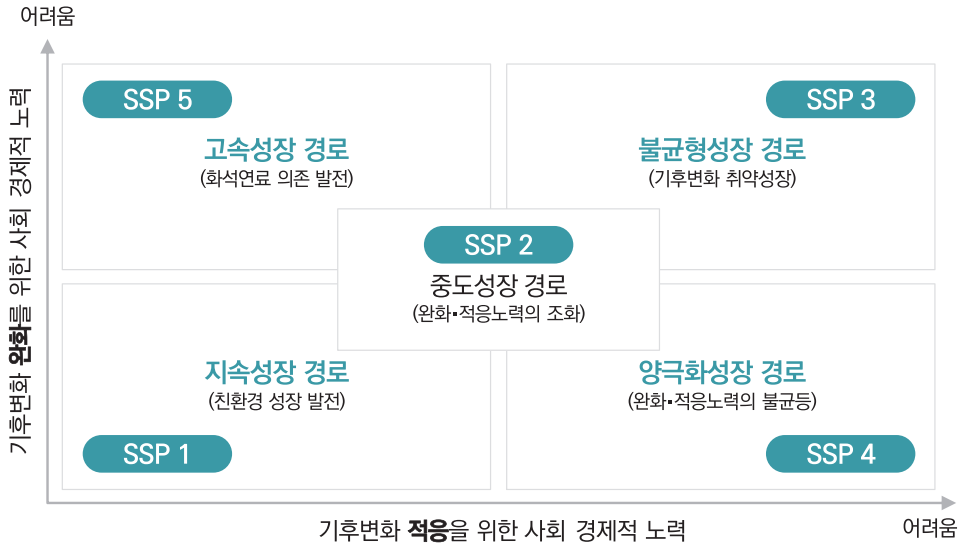


그림 1-1. 기후변화 적응 및 완화 노력에 따른 SSP 시나리오의 구분(기상청, 2020)

표 1-1. SSP 시나리오(4종)

종류	의미
SSP1-2.6	재생에너지 기술 발달로 화석연료 사용이 최소화되고 친환경적으로 지속가능한 경제성장을 가정
SSP2-4.5	기후변화 완화 및 사회경제 발전 정도가 중간단계를 가정
SSP3-7.0	기후변화 완화 정책에 소극적이며 기술개발이 늦어 기후변화에 취약한 사회구조를 가정
SSP5-8.5	산업기술의 빠른 발전에 중심을 두어 화석연료 사용이 높고 도시 위주의 무분별한 개발 확대를 가정

3. 기후변화 시나리오 산출 과정

- 국립기상과학원은 IPCC CMIP6[1)]의 국제표준 규격에 따라 135km 공간해상도의 전지구 기후변화 시나리오를 산출하고, 이를 입력자료로 사용하여 25km 해상도의 동아시아·한반도 영역에 대한 지역 시나리오를 산출함(국립기상과학원, 2019; 2020; 2021).
- 동아시아·한반도 시나리오(25km)를 기반으로 우리나라의 복잡한 지형 조건을 고려한 통계적 상세화를 통해 1km 해상도의 남한상세 시나리오를 산출함(국립기상과학원, 2021; 2022).
  - (1단계) 기상청 관측자료(ASOS, AWS 총 605개소)에 MK-PRISM 기법[2)]을 적용하여 수평해상도 1km의 격자형 관측자료(2000~2019년)를 생산함.

1) Coupled Model Intercomparison Project: 기후변화 시나리오 산출 및 IPCC 평가보고서 작성에 기여하는 결합 모델 상호비교 국제 프로젝트

2) Modified Korean Parameter-elevation Regressions and Independent Slopes Model: 관측자료에 거리, 고도, 해양도, 지향면 등을 고려하여 1km 격자자료를 추정하는 기법

- (2단계) 수평해상도가 25km인 동아시아·한반도 시나리오의 현재 기후(2000-2019년)와 미래 전망자료(2021-2100년)를 1km 해상도로 객관분석한 후, 각 격자별로 현재 기후 대비 미래 전망 편차를 추출함.
- (3단계) 수평해상도 1km의 격자형 관측자료와 미래 전망 편차를 더하여 고해상도의 남한상세 기후변화 시나리오를 생산함.

그림 1-2. SSP 기후변화 시나리오 생산체계(전지구→동아시아·한반도→남한상세)

4. SSP 미래 기후변화 전망

● 기상청은 「전지구 기후변화 전망보고서 개정판(2020)」, 「한반도 기후변화 전망보고서 2020 개정판(2021)」, 「남한상세 기후변화 전망보고서 개정판(2022)」 발간을 통해 영역 및 해상도별로 미래 기후변화를 전망하였으며, 주요 결과를 요약하여 제시함(표 1-2).

1) 전지구 기후변화 전망

● 21세기 후반기(2081-2100년) 전지구 연평균기온은 온실가스 배출 정도에 따라 현재(1995-2014년) 대비 1.9~5.2℃ 상승하고 평균 강수량은 5~10% 증가할 것으로 전망됨.

2) 한반도 기후변화 전망

● 21세기 후반기 한반도 연평균기온은 온실가스 배출 정도에 따라 현재(1995-2014년) 대비 2.6~7.0℃ 상승하고 평균 강수량은 3~15% 증가할 것으로 전망됨.

3) 남한 기후변화 전망

● 21세기 후반기 우리나라 연평균기온은 온실가스 배출 정도에 따라 현재(2000-2019년) 대비 2.3~6.3℃ 상승하고 평균 강수량은 4~16% 증가할 것으로 전망됨.

표 1-2. 미래 평균기온(℃) 및 강수량(mm) 변화

구분		전지구(135km)		한반도(25km)		남한상세(1km)	
		기온	강수량	기온	강수량	기온	강수량
현재 기후 값 (전지구/한반도: 1995-2014, 남한: 2000-2019)		14.4℃	1051.5mm	11.2℃	1195.2mm	11.9℃	1328.1mm
21세기 전반기 (2021-2040)	SSP1-2.6	+1.2	+3%	+1.6	-1%	+1.3	+5%
	SSP2-4.5	+1.3	+3%	+1.5	+1%	+1.2	+7%
	SSP3-7.0	+1.2	+2%	+1.5	+2%	+1.3	+6%
	SSP5-8.5	+1.3	+3%	+1.8	-2%	+1.5	+1%
21세기 중반기 (2041-2060)	SSP1-2.6	+1.7	+4%	+1.8	+3%	+1.6	+7%
	SSP2-4.5	+2.0	+4%	+2.5	+6%	+2.2	+7%
	SSP3-7.0	+2.2	+4%	+3.1	+2%	+2.7	+7%
	SSP5-8.5	+2.4	+5%	+3.2	+4%	+2.9	+6%
21세기 후반기 (2081-2100)	SSP1-2.6	+1.9	+5%	+2.6	+3%	+2.3	+4%
	SSP2-4.5	+3.0	+7%	+3.9	+13%	+3.5	+15%
	SSP3-7.0	+4.3	+8%	+5.9	+12%	+5.4	+13%
	SSP5-8.5	+5.2	+10%	+7.0	+15%	+6.3	+16%

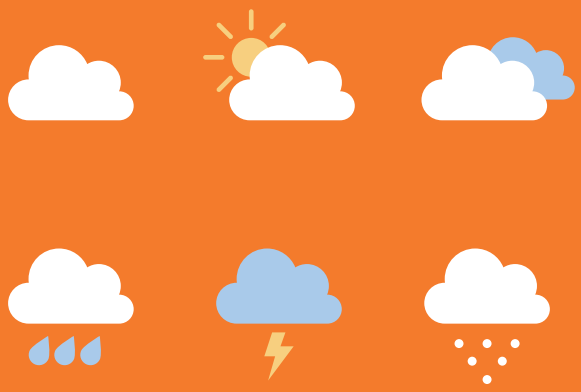
CHAPTER

02

분석 자료와 방법

1. 분석 자료
2. 분석 방법

전라남도 기후변화 전망보고서 2023



CHAPTER 02

분석 자료와 방법

1. 분석 자료

1) 분석 지역

- 전라남도 시군구(총 22개): 목포시, 여수시, 순천시, 나주시, 광양시, 담양군, 곡성군, 구례군, 고흥군, 보성군, 화순군, 장흥군, 강진군, 해남군, 영암군, 무안군, 함평군, 영광군, 장성군, 완도군, 진도군, 신안군

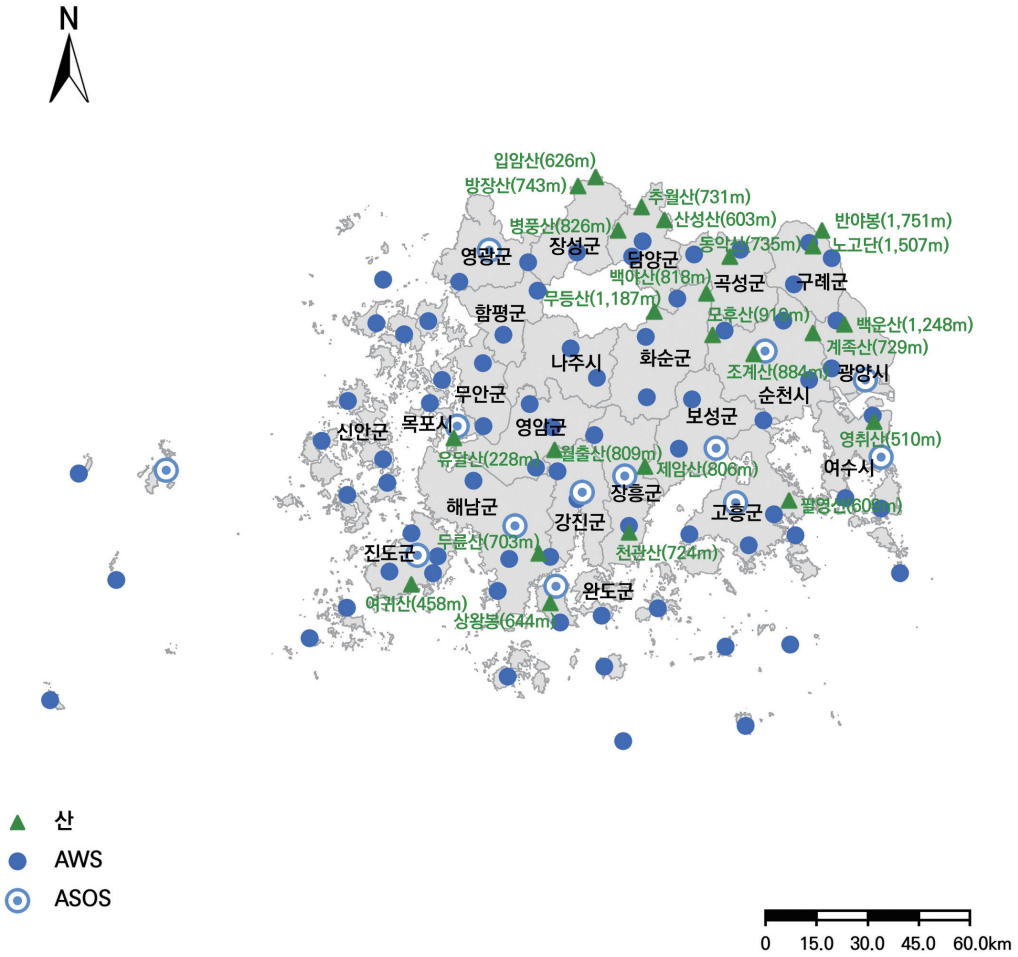


그림 2-1. 전라남도 행정구역 구분과 관측지점 위치

2) 분석 요소

- 기후요소: 평균기온, 최고기온, 최저기온, 강수량
- 극한기후지수: 총 23종(고온 관련 9종, 저온 관련 7종, 강수 관련 7종)
- 영향정보: 계절길이

표 2-1. 극한기후지수 정의

극한기후지수		정의	단위
고온 (9종)	폭염일수	일최고기온이 33℃ 이상인 날의 연중 일수	일
	열대야일수	일최저기온이 25℃ 이상인 날의 연중 일수	일
	여름일수	일최고기온이 25℃ 이상인 날의 연중 일수	일
	온난일	일최고기온이 기준기간의 90퍼센타일을 초과한 날의 연중 일수	일
	온난야	일최저기온이 기준기간의 90퍼센타일을 초과한 날의 연중 일수	일
	일최고기온 연최대	일최고기온의 연중 최대 값	℃
	일최저기온 연최대	일최저기온의 연중 최대 값	℃
	일교차	일최고기온과 일최저기온 차이값의 연평균	℃
	식물성장가능기간	일평균기온이 5℃ 초과인 날이 적어도 6일 이상 지속된 첫 날부터 일평균기온이 5℃ 미만인 날이 적어도 6일 이상 지속된 첫 날까지 사이의 연중 일수	일
저온 (7종)	한파일수	일최저기온이 -12℃ 이하인 날의 연중 일수	일
	결빙일수	일최고기온이 0℃ 미만인 날의 연중 일수	일
	서리일수	일최저기온이 0℃ 미만인 날의 연중 일수	일
	한랭일	일최고기온이 기준기간의 10퍼센타일 미만인 날의 연중 일수	일
	한랭야	일최저기온이 기준기간의 10퍼센타일 미만인 날의 연중 일수	일
	일최고기온 연최소	일최고기온의 연중 최소 값	℃
	일최저기온 연최소	일최저기온의 연중 최소 값	℃
강수 (7종)	호우일수	일강수량이 80mm 이상인 날의 연중 일수	일
	강수강도	연중 습윤일수(일강수량 1mm 이상)로 나누어진 연 총강수량	mm/일
	1일최다강수량	일강수량의 연중 최다 값	mm
	5일최다강수량	연속된 5일 동안 기록된 강수량 중 연중 최다 값	mm
	95퍼센타일강수일수	일강수량이 기준기간의 상위 95퍼센타일*보다 많은 날의 연중 일수	일
	99퍼센타일강수일수	일강수량이 기준기간의 상위 99퍼센타일*보다 많은 날의 연중 일수	일
	최대무강수지속기간**	일강수량이 1mm 미만인 날의 연중 최대 지속 일수	일

* 상위 95/99퍼센타일은 일강수량 1mm 이상인 날을 기준으로 산출함.

** 강수가 1mm 이상 내리지 않은 날의 최대지속기간을 나타내는 지수로 강수량이 많은 기간(장마철) 이후인 7.1.부터 다음해 6.30.까지 자료로 산출함(예시: 2030년 최대무강수지속기간은 2030.7.1.-2031.6.30. 자료로 산출).

표 2-2. 계절 시작일 기준(기상청, 2012)

계절	계절 시작일
봄	일평균기온이 5℃ 이상 올라간 후 다시 내려가지 않는 첫날
여름	일평균기온이 20℃ 이상 올라간 후 다시 내려가지 않는 첫날
가을	일평균기온이 20℃ 미만으로 내려간 후 다시 올라가지 않는 첫날
겨울	일평균기온이 5℃ 미만으로 내려간 후 다시 올라가지 않는 첫날

※ 일평균기온은 9일 이동평균하여 사용

3) 분석 기간

● 현재 기후: 2000-2019년

- 기상청 관측자료에 MK-PRISM 기법을 적용한 1km 격자형 관측자료(2000-2019년)를 행정구역 값으로 변환하여 현재 기후 값으로 활용함.

● 미래 기후변화 전망: 2021-2100년

- (21세기 전반기) 2021-2040년, (21세기 중반기) 2041-2060년, (21세기 후반기) 2081-2100년

※ IPCC 제6차 평가보고서(2021)에서 구분한 기준을 따름.

2. 분석 방법

1) 기후 통계 산출 방법

● 각 기후요소 및 극한기후지수 등의 기후 값 산출을 위한 통계 분석은 기상청 「기후통계지침」(2021)에 기초하였음.

● 계절값은 계절별로 3개월의 기후 값을 평균한 것으로 봄 3~5월, 여름 6~8월, 가을 9~11월, 겨울 12~익년 2월을 기준으로 함. 다만, 강수량의 경우 3개월의 기후 값을 합산하여 산출함.

● 기후요소의 변화 경향은 현재 기후 값과 21세기 전/중/후반기별로 각 기간별 중위수 연도값에 기후요소 평균값을 대입하여 선형 회귀식으로 산출하였으며, 그 기울기를 10년당 변화율로 환산하여 제시함.

● 극한기후지수는 세계기상기구의 ETCCDI* 기후변화지수와 기후변화 남한상세 전망보고서(국립기상과학원, 2022)에 기반하여 산출한 것으로 기온 극한기후지수 16종, 강수 극한기후지수 7종 총 23종을 분석함.

* CCI/CLIVAAR/JCOMM Expert Team(ET) on Climate Change Detection and Indices(WMO, 1983)

- 극한기후지수는 남한상세 시나리오(1km) 모델 5종별로 극한기후지수를 각각 산출한 후 격자별로 평균한 값을 행정구역 값으로 변환한 것임.

● 계절 시작일 및 계절길이는 기상청(2012) 기준으로 산출하였으며 일평균기온은 9일 이동평균하여 사용하였음.

2) 행정구역별 전망자료 산출 방법

● 남한상세 시나리오(1km)를 활용하여 광역시도, 시군구, 읍면동 등 행정구역 자료로 변환함

- (읍면동) 남한상세 1km 격자자료에서 해당 읍면동 기상청 동네예보 지점이 포함되는 격자값을 대푯값으로 설정함.
- (시군구) 해당 시군구 내 포함되어 있는 읍면동 값들을 산술평균하여 산출함.
- (광역시도) 해당 광역시도 내 포함되어 있는 시군구 값들을 산술평균하여 산출함.

※ 전국값(남한평균값)은 1km 격자자료 산출결과(남한상세 기후변화 전망보고서)를 이용하고, 행정구역 자료 기반의 전국값은 별도 산출하지 않음.

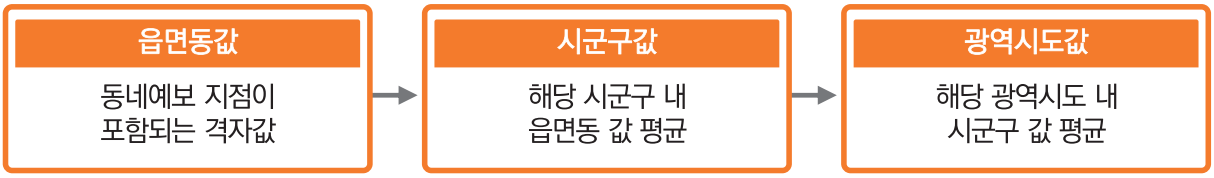


그림 2-2. 행정구역 자료 산출 방법

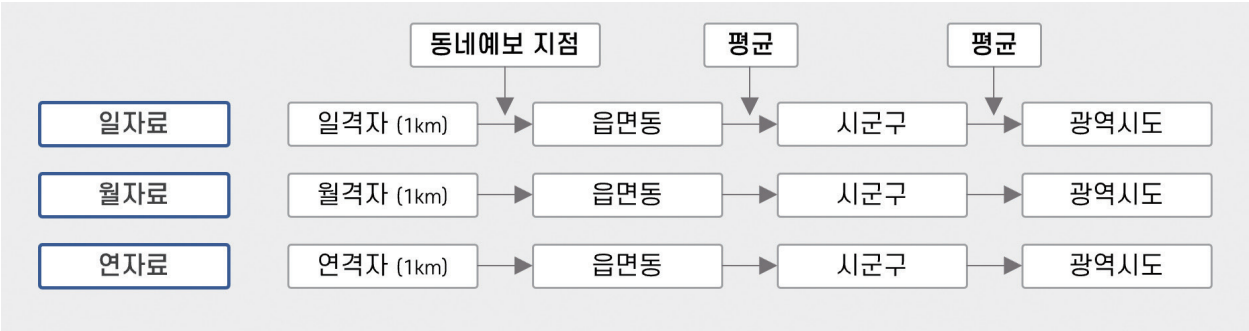


그림 2-3. 일/월/연별 행정구역 자료 산출 체계

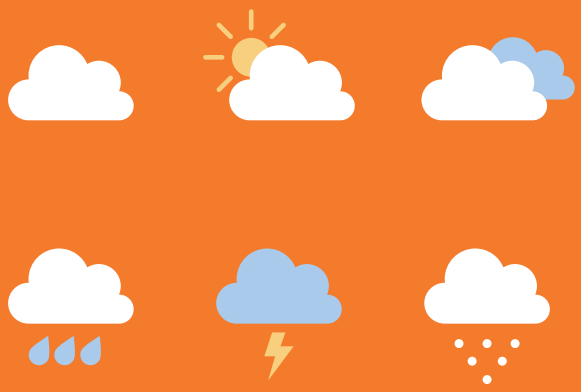
CHAPTER

03

전라남도의 현재 기후

1. 기후요소
2. 극한기후지수

전라남도 기후변화 전망보고서 2023



CHAPTER 03

전라남도의 현재 기후

1. 기후요소

1) 기온

● 우리나라 서남부에 위치한 전라남도의 현재(2000-2019년) 연평균기온은 13.7℃로 우리나라 연평균기온(12.6℃)보다 1.1℃ 높음(표 3-1).

- 전라남도에서 연평균기온이 가장 높은 지역은 여수시(14.5℃)이고, 가장 낮은 지역은 곡성군, 보성군(13.0℃)이며, 그 차이는 1.5℃로 나타남.

● 전라남도의 연평균 최고기온은 18.9℃로 우리나라 연평균 최고기온(18.2℃)보다 0.7℃ 높고, 연평균 최저기온은 9.2℃로 우리나라 연평균 최저기온(7.8℃)보다 1.4℃ 높음(표 3-2, 표 3-3).

- 전라남도에서 연평균 최고기온이 가장 높은 지역은 구례군(19.8℃)이고, 연평균 최저기온이 가장 낮은 지역은 곡성군(7.7℃)으로 나타남.

※ 제3장의 우리나라 현재 기후 값(2000-2019년)은 62개 지점 관측값을 토대로 산출되었음.

2) 강수량

● 전라남도의 현재(2000-2019년) 연강수량은 1367.3mm로 우리나라 연강수량(1325.9mm)보다 41.4mm 많음(표 3-4).

- 전라남도에서 연강수량이 가장 많은 지역은 순천시(1579.3mm)이고, 가장 적은 지역은 신안군(1151.1mm)이며, 그 차이는 428.2mm로 나타남.

- 전라남도 계절별 연강수량은 여름 > 봄 > 가을 > 겨울 순으로 나타나며, 여름철 연강수량은 561.7mm(신안군)~830.4mm(순천시), 겨울철 연강수량은 97.3mm(구례군)~115.4mm(완도군) 분포를 보임.

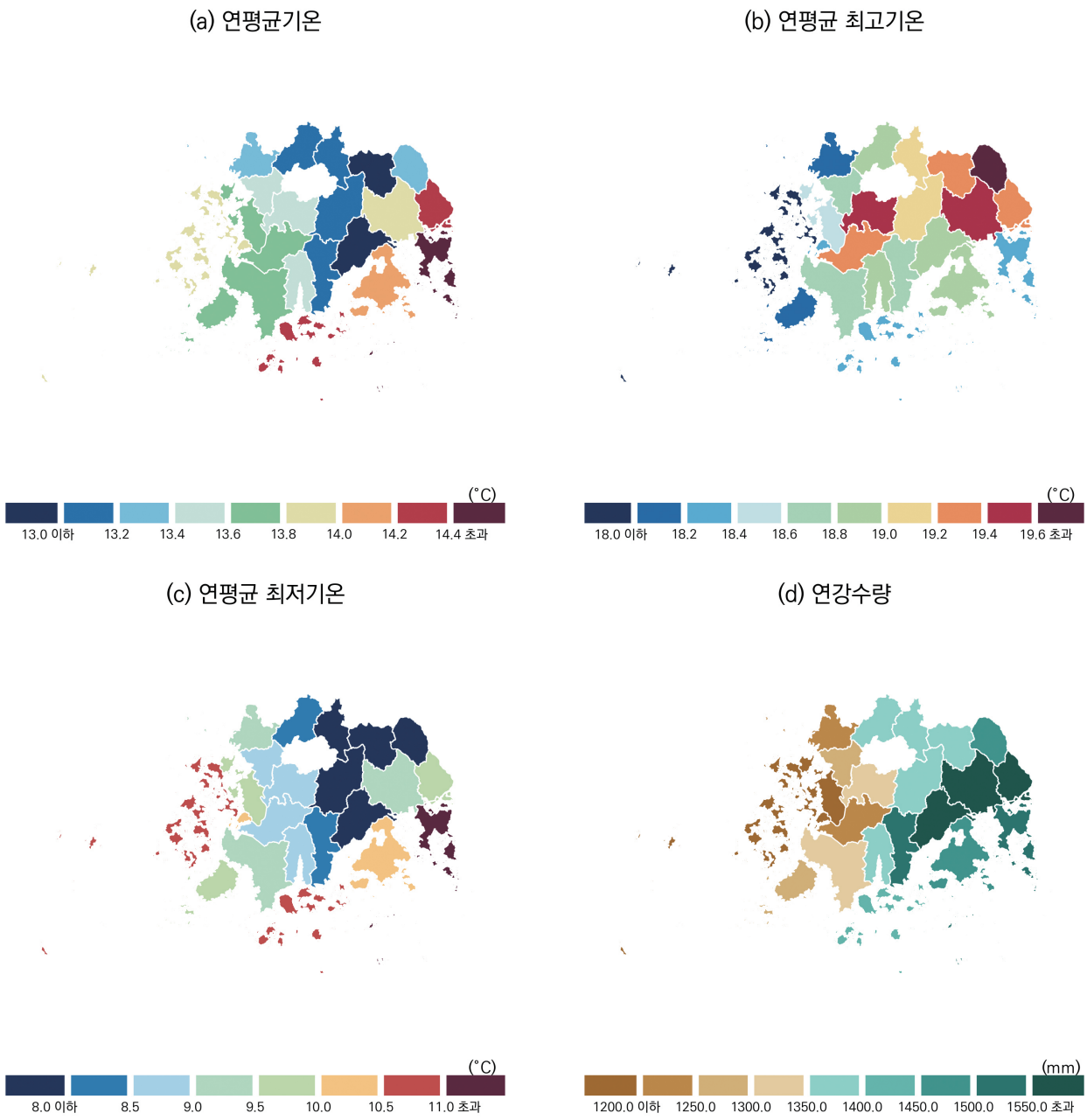


그림 3-1. 현재(2000-2019년) 전라남도 기후요소 분포

표 3-1. 현재(2000-2019년) 전라남도 연평균 및 계절별 평균기온(℃)

구분	연	봄	여름	가을	겨울
전라남도	13.7	12.4	24.4	15.6	2.2
강진군	13.6	12.3	24.3	15.6	2.4
고흥군	14.2	12.9	24.2	16.5	3.3
곡성군	13.0	12.3	24.5	14.3	0.7
광양시	14.3	13.3	24.5	16.2	3.0
구례군	13.3	12.7	24.7	14.6	1.2
나주시	13.6	12.5	25.0	15.3	1.6
담양군	13.1	12.2	24.4	14.7	1.0
목포시	14.0	12.3	24.6	16.3	2.7
무안군	13.8	12.1	24.6	16.0	2.4
보성군	13.0	12.0	23.9	14.7	1.4
순천시	14.0	13.1	24.6	15.7	2.5
신안군	14.0	11.9	24.1	16.7	3.4
여수시	14.5	13.2	24.1	17.0	3.8
영광군	13.4	11.8	24.5	15.5	1.7
영암군	13.7	12.4	24.9	15.6	2.0
완도군	14.3	12.6	23.9	16.8	3.8
장성군	13.2	12.2	24.5	14.8	1.1
장흥군	13.2	12.0	23.9	15.1	1.9
진도군	13.8	11.9	23.9	16.2	3.2
함평군	13.5	12.0	24.7	15.4	1.7
해남군	13.7	12.2	24.2	15.9	2.6
화순군	13.1	12.1	24.3	14.7	1.1

표 3-2. 현재(2000-2019년) 전라남도 연평균 및 계절별 최고기온(℃)

구분	연	봄	여름	가을	겨울
전라남도	18.9	18.4	28.9	21.2	7.1
강진군	18.9	18.3	28.6	21.3	7.3
고흥군	19.0	18.2	28.2	21.5	8.1
곡성군	19.4	19.5	29.9	21.2	6.7
광양시	19.4	19.0	29.0	21.6	8.0
구례군	19.8	20.0	30.2	21.7	7.3
나주시	19.6	19.3	30.1	21.7	7.1
담양군	19.1	19.2	29.6	21.1	6.5
목포시	18.4	17.5	28.5	20.9	6.8
무안군	18.6	17.7	29.0	20.9	6.7
보성군	19.0	18.8	28.8	21.2	7.3
순천시	19.5	19.2	29.2	21.6	7.8
신안군	17.9	16.5	28.0	20.5	6.7
여수시	18.4	17.5	27.4	20.8	7.8
영광군	18.2	17.4	28.8	20.6	6.1
영암군	19.3	18.7	29.5	21.6	7.2
완도군	18.4	17.3	27.6	21.1	7.7
장성군	19.0	19.1	29.7	21.1	6.4
장흥군	18.8	18.3	28.5	21.1	7.2
진도군	18.2	17.0	27.9	20.9	7.1
함평군	18.8	18.2	29.4	21.1	6.6
해남군	18.7	17.8	28.4	21.2	7.3
화순군	19.2	19.1	29.6	21.2	6.8

표 3-3. 현재(2000-2019년) 전라남도 연평균 및 계절별 최저기온(℃)

구분	연	봄	여름	가을	겨울
전라남도	9.2	6.9	20.9	11.0	-2.1
강진군	9.0	6.6	20.8	10.7	-2.1
고흥군	10.1	7.9	21.1	12.1	-1.0
곡성군	7.7	5.6	20.3	9.1	-4.3
광양시	9.9	8.1	21.1	11.8	-1.4
구례군	8.0	5.9	20.4	9.3	-3.9
나주시	8.6	6.3	21.1	10.1	-3.1
담양군	8.0	5.8	20.5	9.5	-3.9
목포시	10.3	7.9	21.6	12.5	-0.9
무안군	9.7	7.2	21.4	11.7	-1.5
보성군	7.9	5.6	20.1	9.4	-3.6
순천시	9.3	7.4	20.9	11.0	-2.0
신안군	10.7	7.8	21.2	13.4	0.2
여수시	11.3	9.4	21.6	13.8	0.4
영광군	9.1	6.6	21.1	11.0	-2.3
영암군	8.9	6.6	21.2	10.5	-2.6
완도군	10.6	8.2	20.9	13.1	0.2
장성군	8.2	6.0	20.6	9.8	-3.5
장흥군	8.4	6.0	20.3	10.0	-2.9
진도군	9.9	7.2	20.8	12.0	-0.6
함평군	8.9	6.5	21.1	10.6	-2.5
해남군	9.3	6.8	20.9	11.1	-1.7
화순군	8.0	5.8	20.4	9.5	-3.8

표 3-4. 현재(2000-2019년) 전라남도 연평균 및 계절별 강수량(mm)

구분	연	봄	여름	가을	겨울
전라남도	1367.3	285.5	700.4	278.4	104.9
강진군	1393.1	311.6	690.4	288.6	104.5
고흥군	1458.4	360.9	697.6	297.1	105.5
곡성군	1389.4	245.7	762.8	280.4	101.9
광양시	1564.0	354.3	804.6	306.0	101.2
구례군	1456.0	267.7	813.5	279.0	97.3
나주시	1300.8	244.2	690.0	262.3	105.9
담양군	1367.3	246.4	746.9	268.8	106.8
목포시	1165.8	236.1	578.0	250.4	103.3
무안군	1196.3	232.9	610.0	254.1	101.3
보성군	1553.5	336.9	802.3	310.5	105.8
순천시	1579.3	341.4	830.4	307.3	102.1
신안군	1151.1	236.0	561.7	257.0	98.2
여수시	1519.1	370.8	743.9	302.6	104.2
영광군	1231.5	224.8	650.7	249.8	108.2
영암군	1229.1	244.0	626.3	261.9	98.7
완도군	1433.2	360.0	664.2	295.4	115.4
장성군	1356.0	243.4	738.6	261.6	114.0
장흥군	1508.8	338.4	760.8	303.2	108.6
진도군	1256.5	299.0	579.5	270.7	109.7
함평군	1284.2	238.8	675.3	262.6	109.0
해남군	1301.3	295.9	628.9	273.2	105.7
화순군	1385.3	252.5	752.6	280.5	101.2

2. 극한기후지수

1) 고온 극한기후지수

● 여름철 최고기온 관련 지수

- 전라남도 현재(2000-2019년) 폭염일수는 12.2일로 우리나라 폭염일수(11.8일)보다 0.4일 많고 구례군(22.9일)에서 가장 많이 나타남.
- 전라남도 현재(2000-2019년) 일최고기온 연최대는 35.0℃로 우리나라 일최고기온 연최대(35.1℃)보다 0.1℃ 낮고 구례군(36.4℃)에서 가장 높게 나타남.

● 여름철 최저기온 관련 지수

- 전라남도 현재(2000-2019년) 열대야일수는 7.1일로 우리나라 열대야일수(5.5일)보다 1.6일 많고 목포시(13.7일)에서 가장 많이 나타남.
- 전라남도 현재(2000-2019년) 일최저기온 연최대는 26.0℃로 우리나라 일최저기온 연최대(25.6℃)보다 0.4℃ 높고 목포시(26.5℃)에서 가장 높게 나타남.

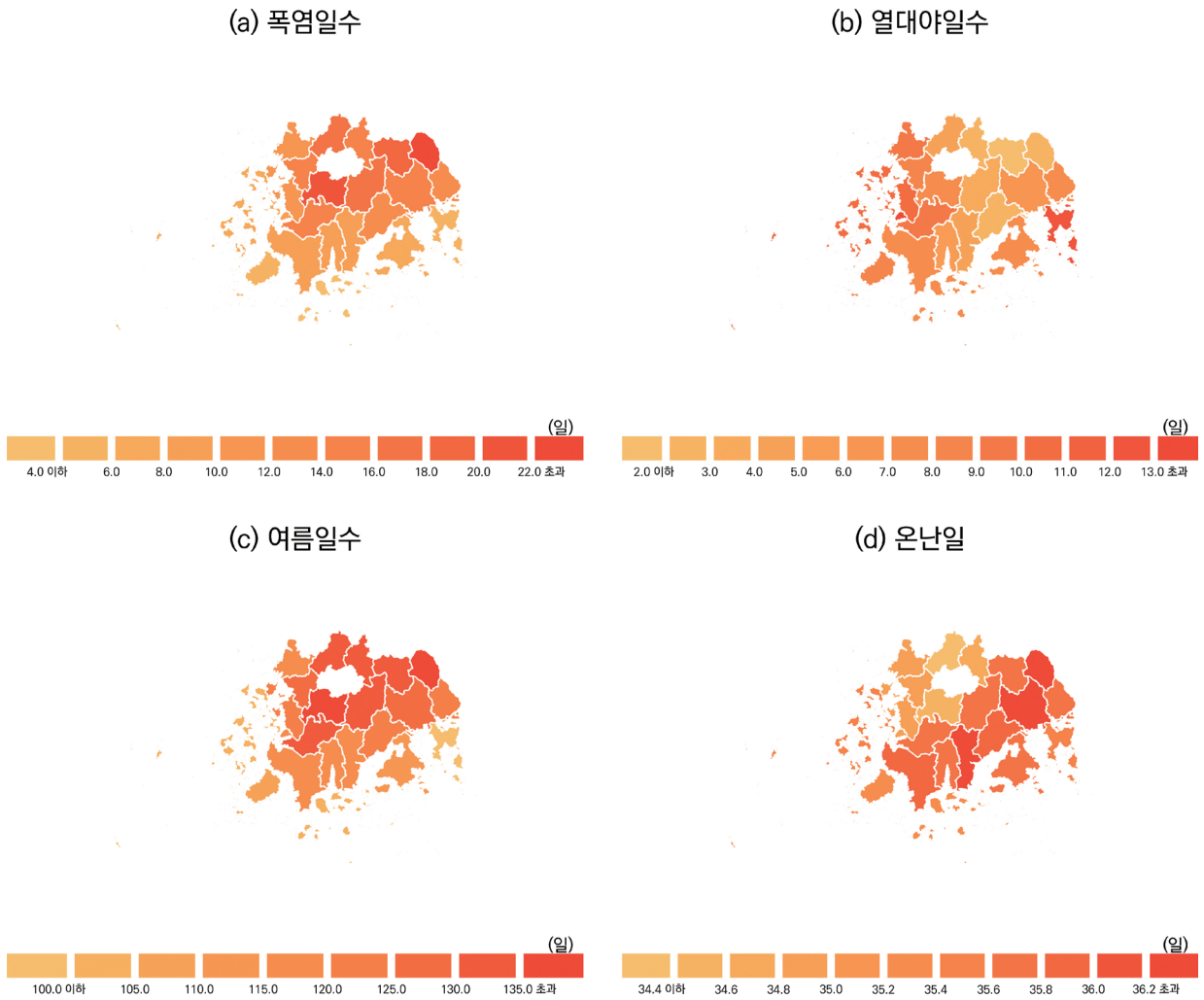
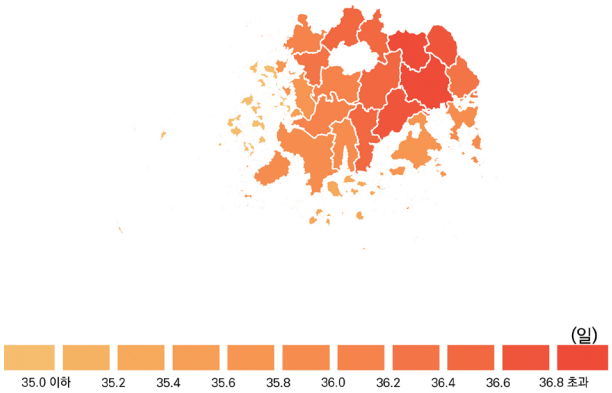
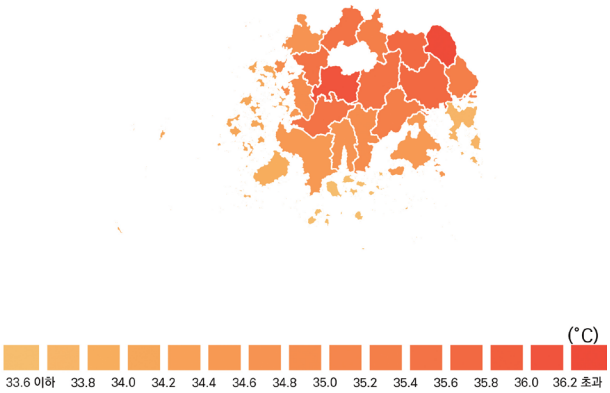


그림 3-2. 현재(2000-2019년) 전라남도 고온 관련 극한기후지수 분포

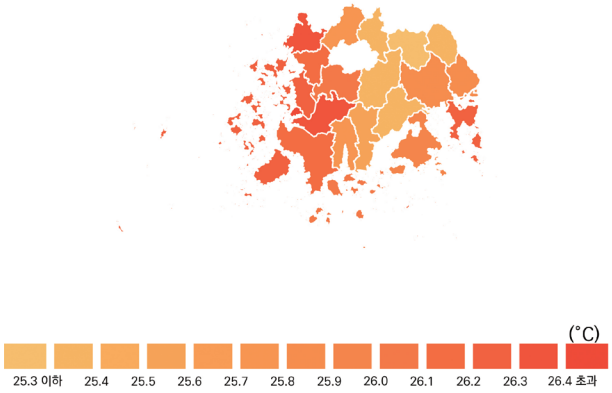
(e) 온난야



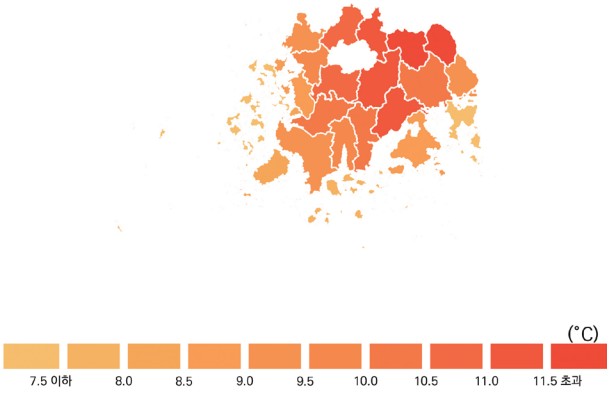
(f) 일최고기온 연최대



(g) 일최저기온 연최대



(h) 일교차



(i) 식물성장가능기간

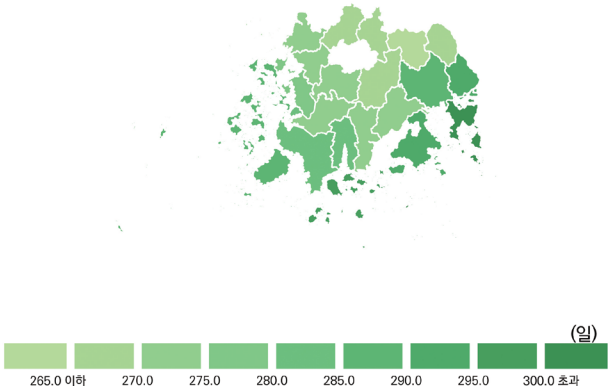


그림 3-2. 현재(2000-2019년) 전라남도 고온 관련 극한기후지수 분포(계속)

표 3-5. 현재(2000-2019년) 전라남도 고온 관련 극한기후지수

구분	폭염일수 (일)	열대야일수 (일)	여름일수 (일)	온난일 (일)	온난야 (일)	일최고기온 연최대(℃)	일최저기온 연최대(℃)	일교차(℃)	식물성장 가능기간 (일)
전라남도	12.2	7.1	121.1	35.5	36.2	35.0	26.0	9.7	279.0
강진군	8.7	5.5	119.3	35.7	36.0	34.7	25.8	9.9	280.4
고흥군	7.1	7.9	113.6	35.7	35.7	34.5	26.0	9.0	294.9
곡성군	18.3	1.9	134.6	35.7	37.0	35.8	25.3	11.7	263.8
광양시	13.7	7.7	123.6	35.8	36.4	35.4	25.9	9.5	292.0
구례군	22.9	2.6	139.8	36.4	36.8	36.4	25.4	11.9	269.4
나주시	21.1	7.8	136.7	34.6	36.2	36.1	26.1	11.0	272.5
담양군	15.1	2.7	131.2	34.8	36.6	35.3	25.4	11.1	266.3
목포시	8.4	13.7	115.7	34.9	35.5	34.5	26.5	8.2	281.5
무안군	11.7	10.7	120.2	35.0	35.8	35.0	26.3	8.9	278.1
보성군	12.1	2.8	122.2	35.9	36.8	35.4	25.4	11.2	270.3
순천시	14.5	7.0	128.5	36.4	37.0	35.7	25.9	10.1	286.2
신안군	6.8	10.4	103.0	35.6	35.0	34.2	26.3	7.3	287.8
여수시	4.4	12.6	98.6	35.6	36.0	33.7	26.3	7.1	301.2
영광군	10.5	9.8	116.8	34.9	36.1	34.8	26.4	9.1	273.7
영암군	15.8	9.9	130.1	35.8	36.1	35.5	26.4	10.3	274.2
완도군	3.9	7.3	102.4	35.3	35.4	33.6	26.1	7.8	298.3
장성군	16.7	4.8	131.8	34.3	36.6	35.5	25.8	10.8	267.5
장흥군	9.2	4.2	117.2	36.4	36.5	34.9	25.6	10.4	274.8
진도군	5.9	8.2	105.8	35.4	35.9	33.9	26.3	8.4	285.6
함평군	15.0	8.8	125.9	35.0	36.3	35.5	26.2	9.9	272.4
해남군	8.3	7.4	116.0	35.9	35.9	34.5	26.2	9.4	281.6
화순군	17.1	3.1	130.4	35.8	36.6	35.5	25.4	11.2	266.9

2) 저온 극한기후지수

● 겨울철 최고기온 관련 지수

- 전라남도 현재(2000-2019년) 결빙일수는 3.8일로 우리나라 결빙일수(10.3일)보다 6.5일 적고 장성군(6.8일)에서 가장 많이 나타남.
- 전라남도 현재(2000-2019년) 일최고기온 연최소는 -2.1℃로 우리나라 일최고기온 연최소(-4.2℃)보다 2.1℃ 높고 담양군, 장성군(-3.4℃)에서 가장 낮게 나타남.

● 겨울철 최저기온 관련 지수

- 전라남도 현재(2000-2019년) 한파일수는 0.6일로 우리나라 한파일수(7.5일)보다 6.9일 적고 곡성군(2.5일)에서 가장 많이 나타남.
- 전라남도 현재(2000-2019년) 일최저기온 연최소는 -9.8℃로 우리나라 일최저기온 연최소(-13.8℃)보다 4.0℃ 높고 곡성군(-12.9℃)에서 가장 낮게 나타남.

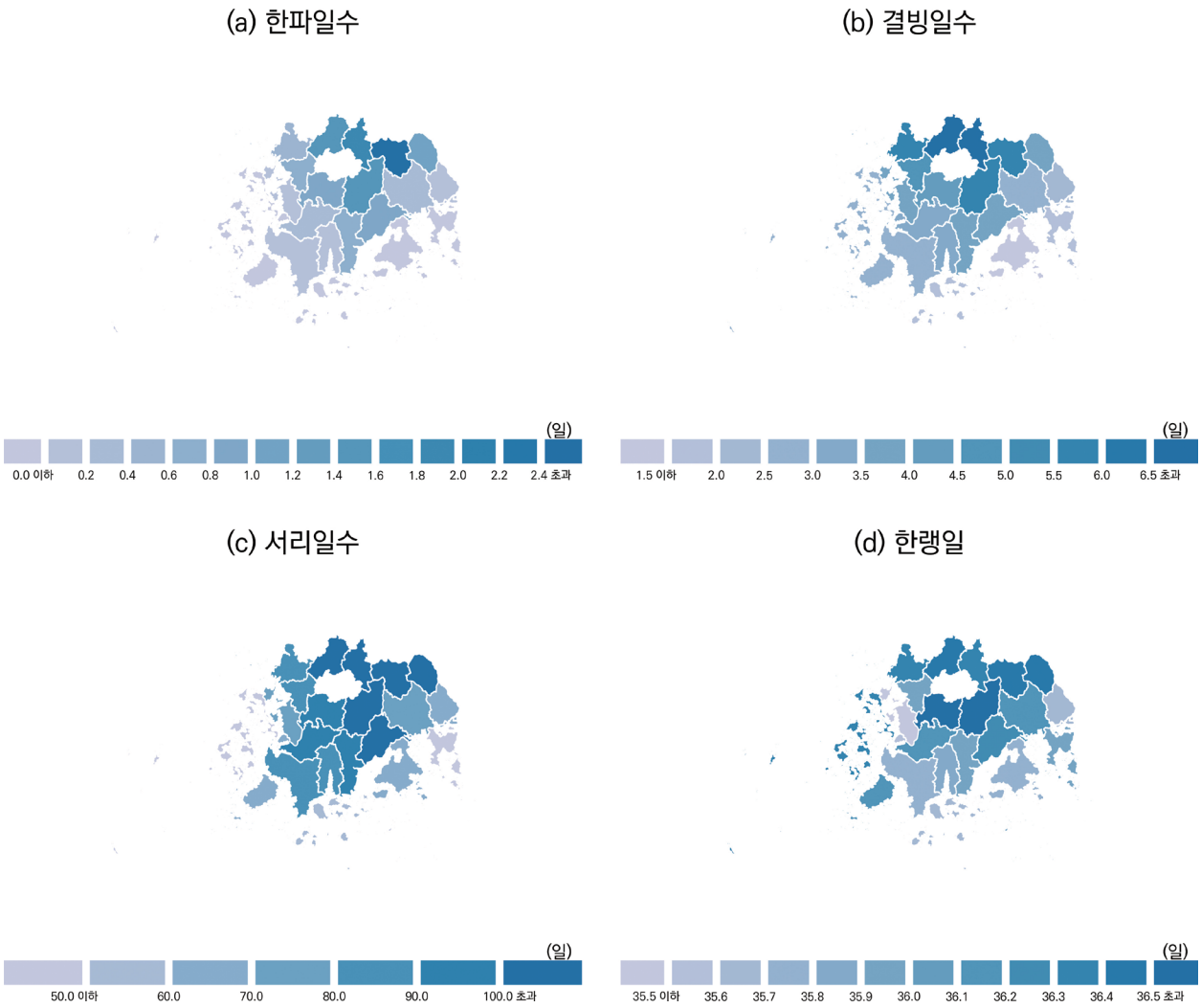
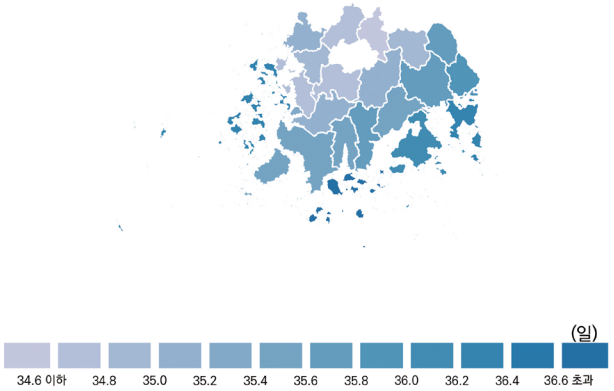
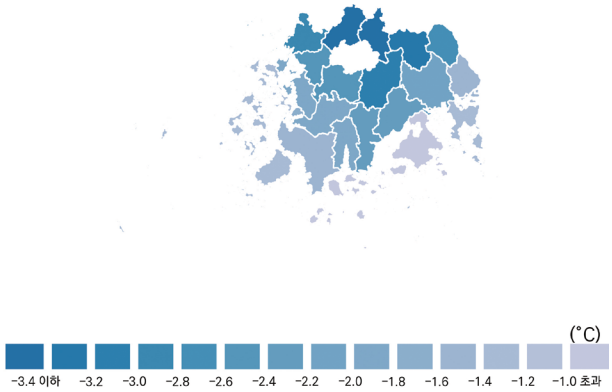


그림 3-3. 현재(2000-2019년) 전라남도 저온 관련 극한기후지수 분포

(e) 한랭야



(f) 일최고기온 연최소



(g) 일최저기온 연최소

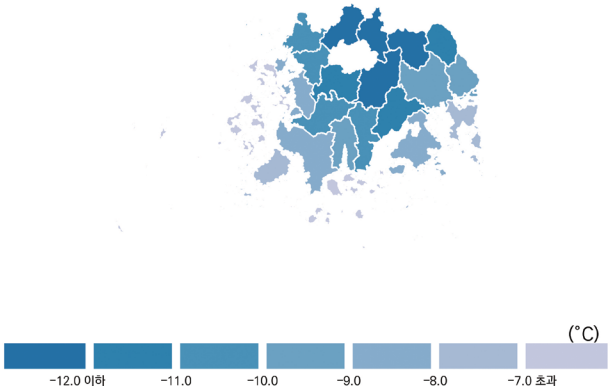


그림 3-3. 현재(2000-2019년) 전라남도 저온 관련 극한기후지수 분포(계속)

표 3-6. 현재(2000-2019년) 전라남도 저온 관련 극한기후지수

구분	한파일수 (일)	결빙일수 (일)	서리일수 (일)	한랭일 (일)	한랭야 (일)	일최고기온 연최소(℃)	일최저기온 연최소(℃)
전라남도	0.6	3.8	83.3	36.1	35.5	-2.1	-9.8
강진군	0.2	3.1	87.8	35.9	35.6	-1.8	-9.4
고흥군	0.0	1.5	68.2	35.8	36.1	-0.8	-8.2
곡성군	2.5	5.7	109.5	36.5	35.0	-3.2	-12.9
광양시	0.1	2.2	70.0	35.7	36.0	-1.5	-9.0
구례군	1.2	4.0	105.3	36.5	35.8	-2.7	-11.8
나주시	0.9	4.2	97.6	36.6	34.8	-2.4	-11.2
담양군	2.0	6.6	104.3	36.4	34.6	-3.4	-12.6
목포시	0.0	3.2	64.7	35.6	35.4	-1.7	-8.0
무안군	0.1	3.9	74.5	35.5	34.7	-1.9	-8.8
보성군	0.9	3.8	105.8	36.3	35.5	-2.3	-11.3
순천시	0.3	2.9	79.5	36.2	35.8	-2.0	-9.5
신안군	0.0	2.9	49.4	36.4	36.3	-1.3	-6.4
여수시	0.0	1.7	47.8	36.0	36.3	-1.3	-7.8
영광군	0.6	5.9	84.7	36.4	35.1	-2.8	-10.3
영암군	0.4	3.4	92.3	36.2	35.2	-1.9	-10.4
완도군	0.0	1.7	51.6	35.7	36.8	-0.8	-6.4
장성군	1.6	6.8	100.8	36.5	34.8	-3.4	-12.1
장흥군	0.7	4.0	96.4	36.0	35.8	-2.2	-10.3
진도군	0.0	2.6	64.7	36.2	35.6	-1.3	-7.2
함평군	0.7	4.9	90.0	36.0	34.9	-2.4	-10.5
해남군	0.2	2.7	82.2	35.8	35.5	-1.4	-8.9
화순군	1.6	5.9	104.5	36.6	35.2	-3.1	-12.1

3) 강수 극한기후지수

- 전라남도 현재(2000-2019년) 호우일수는 2.2일로 우리나라 호우일수(2.4일)보다 0.2일 적고 순천시(3.2일)에서 가장 많이 나타남.
- 전라남도 현재(2000-2019년) 강수강도는 16.3mm/일로 우리나라 강수강도(16.4mm/일)보다 0.1mm/일 작고 순천시, 여수시(18.9mm/일)에서 가장 크게 나타남.
- 전라남도 현재(2000-2019년) 1일/5일최다강수량은 130.7mm/214.0mm로 우리나라 1일/5일최다강수량(137.8mm/230.4mm)보다 7.1mm/16.4mm 적고 1일최다강수량은 광양시(158.1mm), 5일최다강수량은 순천시(259.8mm)에서 가장 많이 나타남.

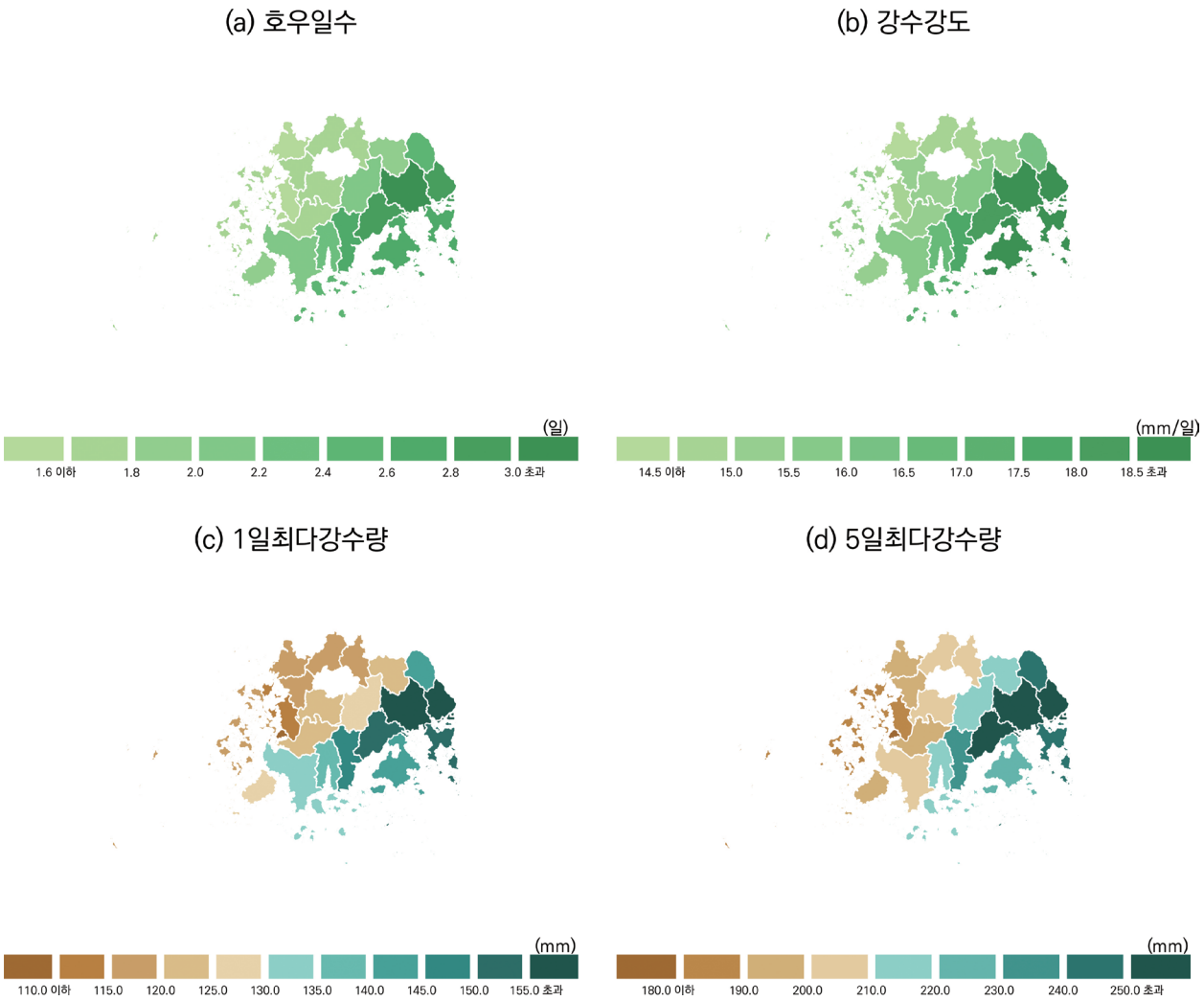
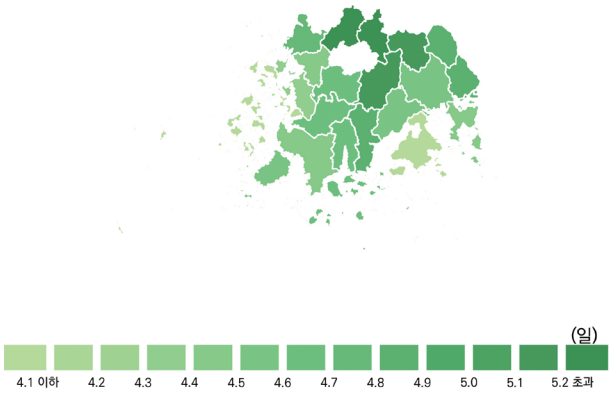
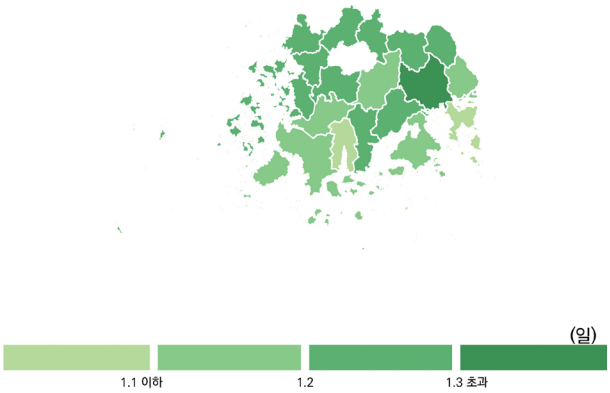


그림 3-4. 현재(2000-2019년) 전라남도 강수 관련 극한기후지수 분포

(e) 95퍼센타일강수일수



(f) 99퍼센타일강수일수



(g) 최대무강수지속기간

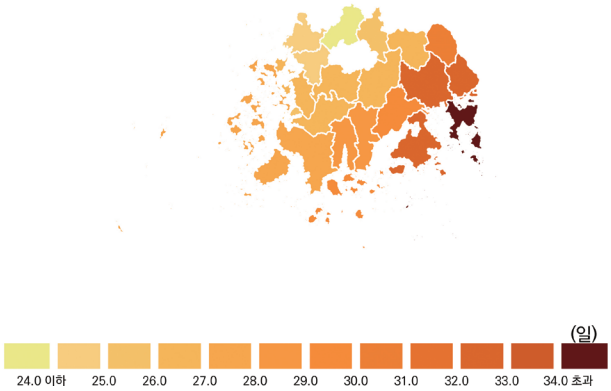


그림 3-4. 현재(2000-2019년) 전라남도 강수 관련 극한기후지수 분포(계속)

표 3-7. 현재(2000-2019년) 전라남도 강수 극한기후지수

구분	호우일수 (일)	강수강도 (mm/일)	1일최다 강수량 (mm)	5일최다 강수량 (mm)	95퍼센타일 강수일수 (일)	99퍼센타일 강수일수 (일)	최대무강수 지속기간 (일)
전라남도	2.2	16.3	130.7	214.0	4.7	1.3	28.1
강진군	2.4	16.8	136.7	215.7	4.7	1.1	28.4
고흥군	2.7	18.6	144.6	227.5	4.1	1.2	32.2
곡성군	2.0	15.2	124.4	213.9	5.2	1.3	26.3
광양시	2.9	18.6	158.1	251.5	4.9	1.2	32.5
구례군	2.6	16.5	140.6	243.3	4.9	1.3	30.2
나주시	1.8	15.2	122.8	202.2	4.7	1.3	26.7
담양군	1.7	14.8	116.4	208.5	5.3	1.3	25.2
목포시	1.5	14.7	107.9	170.1	4.1	1.3	25.8
무안군	1.6	14.8	110.8	181.2	4.4	1.3	26.4
보성군	3.0	18.2	153.1	250.3	4.6	1.3	29.6
순천시	3.2	18.9	155.9	259.8	4.6	1.4	32.4
신안군	1.7	15.1	115.6	183.0	4.1	1.3	27.9
여수시	2.7	18.9	153.4	242.5	4.5	1.1	34.2
영광군	1.6	14.3	116.3	198.0	4.8	1.3	24.2
영암군	1.8	15.2	121.6	191.6	4.7	1.2	26.4
완도군	2.6	17.3	130.6	214.4	4.7	1.2	29.9
장성군	1.7	14.6	116.0	208.6	5.3	1.3	24.0
장흥군	2.8	17.9	147.3	235.0	4.9	1.3	29.0
진도군	2.0	15.5	125.7	193.7	4.6	1.2	27.1
함평군	1.8	15.1	117.1	195.2	4.5	1.3	24.6
해남군	2.2	15.9	131.3	203.9	4.5	1.2	27.7
화순군	2.2	15.6	129.2	218.2	5.2	1.2	26.8

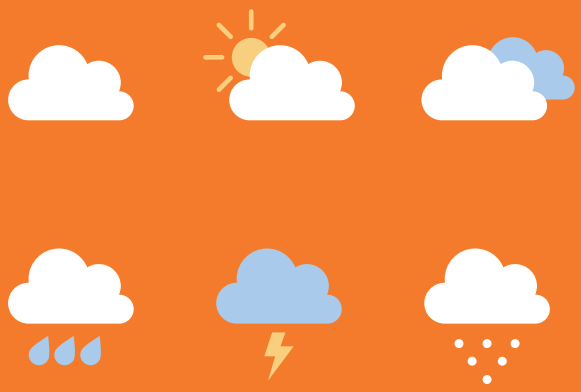
CHAPTER

04

전라남도의 미래 기후변화 전망

1. 기후요소
2. 극한기후지수
3. 계절길이

전라남도 기후변화 전망보고서 2023



CHAPTER 04

전라남도의 미래 기후변화 전망

1. 기후요소

1) 연평균기온

- SSP 시나리오에 따른 전라남도 연평균기온은 현재(2000-2019년, 13.7℃) 대비 21세기 중반기에 1.5~2.8℃, 21세기 후반기에 2.3~6.2℃ 상승할 것으로 전망됨.
  - SSP1-2.6 시나리오에서 전라남도 연평균기온은 현재 대비 21세기 중반기에 1.5℃, 후반기에 2.3℃ 상승할 것으로 전망됨.
  - SSP2-4.5 시나리오에서 전라남도 연평균기온은 현재 대비 21세기 중반기에 2.1℃, 후반기에 3.5℃ 상승할 것으로 전망됨.
  - SSP3-7.0 시나리오에서 전라남도 연평균기온은 현재 대비 21세기 중반기에 2.6℃, 후반기에 5.2℃ 상승할 것으로 전망됨.
  - SSP5-8.5 시나리오에서 전라남도 연평균기온은 현재 대비 21세기 중반기에 2.8℃, 후반기에 6.2℃ 상승할 것으로 전망됨.
- SSP5-8.5 시나리오에서 현재 대비 21세기 후반기 전라남도 연평균기온 상승폭(+6.2℃)은 SSP1-2.6 시나리오에서의 상승폭(+2.3℃)보다 3.9℃ 크게 나타남.
- 현재(2000-2019년) 전라남도 연평균기온(13.7℃)은 우리나라 평균(12.6℃)보다 1.1℃ 높으며 SSP5-8.5에서 21세기 후반기 전라남도 연평균기온 상승폭(+6.2℃)은 우리나라 평균 상승폭(+6.3℃)보다 낮게 나타남.

※ 제4장의 우리나라 평균 상승폭은 남한상세 기후변화 전망보고서(1km 격자)의 현재 대비 상승폭을 나타냄.

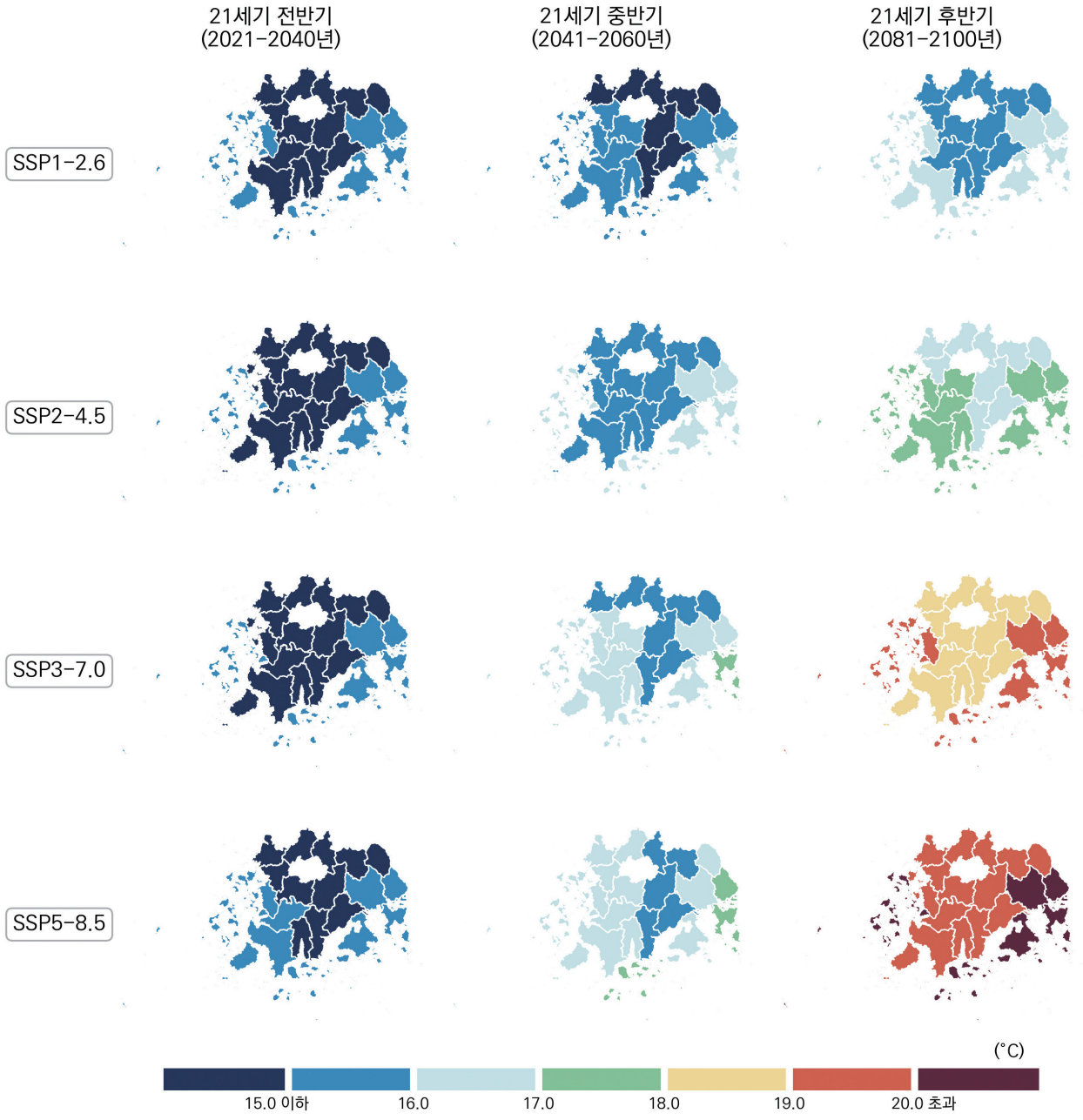


그림 4-1. 전라남도의 연평균기온(℃) 전망 분포도

표 4-1. 전라남도의 연평균기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	13.7	14.7	15.1	15.2	15.3	15.6	15.7	16.0	16.0	14.9	15.2	16.0
		+1.0	+1.4	+1.5	+1.6	+1.9	+2.0	+2.3	+2.3	+1.2	+1.5	+2.3
강진군	13.6	14.7	15.1	15.2	15.2	15.6	15.7	15.9	16.0	14.9	15.2	16.0
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.4
고흥군	14.2	15.3	15.7	15.8	15.8	16.2	16.3	16.5	16.5	15.5	15.8	16.5
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.3	+1.3	+1.6	+2.3
곡성군	13.0	14.0	14.4	14.6	14.6	14.9	15.1	15.2	15.4	14.2	14.6	15.3
		+1.0	+1.4	+1.6	+1.6	+1.9	+2.1	+2.2	+2.4	+1.2	+1.6	+2.3
광양시	14.3	15.3	15.7	15.9	15.9	16.2	16.4	16.5	16.6	15.5	15.9	16.6
		+1.0	+1.4	+1.6	+1.6	+1.9	+2.1	+2.2	+2.3	+1.2	+1.6	+2.3
구례군	13.3	14.3	14.7	14.9	14.9	15.2	15.3	15.5	15.6	14.5	14.9	15.6
		+1.0	+1.4	+1.6	+1.6	+1.9	+2.0	+2.2	+2.3	+1.2	+1.6	+2.3
나주시	13.6	14.7	15.1	15.2	15.2	15.6	15.7	15.9	16.0	14.9	15.2	15.9
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.3
담양군	13.1	14.2	14.6	14.7	14.7	15.1	15.2	15.4	15.5	14.4	14.7	15.4
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.3
목포시	14.0	15.0	15.4	15.6	15.5	16.0	16.1	16.3	16.4	15.2	15.6	16.3
		+1.0	+1.4	+1.6	+1.5	+2.0	+2.1	+2.3	+2.4	+1.2	+1.6	+2.3
무안군	13.8	14.9	15.3	15.4	15.4	15.8	15.9	16.1	16.2	15.1	15.4	16.2
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.4
보성군	13.0	14.1	14.5	14.6	14.6	14.9	15.1	15.3	15.4	14.3	14.6	15.3
		+1.1	+1.5	+1.6	+1.6	+1.9	+2.1	+2.3	+2.4	+1.3	+1.6	+2.3
순천시	14.0	15.1	15.4	15.6	15.6	15.9	16.1	16.2	16.3	15.2	15.6	16.3
		+1.1	+1.4	+1.6	+1.6	+1.9	+2.1	+2.2	+2.3	+1.2	+1.6	+2.3
신안군	14.0	15.1	15.6	15.7	15.6	16.1	16.2	16.4	16.4	15.3	15.6	16.4
		+1.1	+1.6	+1.7	+1.6	+2.1	+2.2	+2.4	+2.4	+1.3	+1.6	+2.4
여수시	14.5	15.6	16.0	16.1	16.1	16.5	16.6	16.8	16.8	15.8	16.1	16.8
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.3	+1.3	+1.6	+2.3
영광군	13.4	14.5	14.9	15.0	15.0	15.4	15.5	15.7	15.8	14.7	15.0	15.8
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.4
영암군	13.7	14.8	15.2	15.3	15.3	15.7	15.8	16.0	16.1	15.0	15.3	16.0
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.3
완도군	14.3	15.3	15.7	15.9	15.9	16.3	16.4	16.6	16.6	15.5	15.9	16.6
		+1.0	+1.4	+1.6	+1.6	+2.0	+2.1	+2.3	+2.3	+1.2	+1.6	+2.3
장성군	13.2	14.3	14.7	14.8	14.8	15.2	15.3	15.5	15.6	14.5	14.8	15.5
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.3
장흥군	13.2	14.3	14.7	14.8	14.8	15.2	15.3	15.5	15.6	14.5	14.8	15.5
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.3
진도군	13.8	14.9	15.3	15.4	15.4	15.8	15.9	16.1	16.2	15.1	15.4	16.1
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.3
함평군	13.5	14.6	15.0	15.1	15.1	15.5	15.6	15.8	15.9	14.8	15.1	15.8
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.3
해남군	13.7	14.8	15.2	15.3	15.3	15.7	15.8	16.0	16.1	15.0	15.3	16.1
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.4
화순군	13.1	14.1	14.5	14.7	14.7	15.0	15.2	15.3	15.5	14.3	14.7	15.4
		+1.0	+1.4	+1.6	+1.6	+1.9	+2.1	+2.2	+2.4	+1.2	+1.6	+2.3

표 4-2. 전라남도의 연평균기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	13.7	14.8	14.9	15.6	16.0	16.5	16.5	17.1	17.2	14.9	15.8	17.2
		+1.1	+1.2	+1.9	+2.3	+2.8	+2.8	+3.4	+3.5	+1.2	+2.1	+3.5
강진군	13.6	14.8	14.9	15.6	16.0	16.5	16.5	17.1	17.1	14.9	15.8	17.1
		+1.2	+1.3	+2.0	+2.4	+2.9	+2.9	+3.5	+3.5	+1.3	+2.2	+3.5
고흥군	14.2	15.4	15.4	16.2	16.5	17.0	17.1	17.6	17.7	15.4	16.4	17.7
		+1.2	+1.2	+2.0	+2.3	+2.8	+2.9	+3.4	+3.5	+1.2	+2.2	+3.5
곡성군	13.0	14.2	14.2	15.0	15.3	15.9	15.9	16.4	16.5	14.2	15.2	16.5
		+1.2	+1.2	+2.0	+2.3	+2.9	+2.9	+3.4	+3.5	+1.2	+2.2	+3.5
광양시	14.3	15.5	15.5	16.3	16.6	17.1	17.1	17.7	17.8	15.5	16.4	17.7
		+1.2	+1.2	+2.0	+2.3	+2.8	+2.8	+3.4	+3.5	+1.2	+2.1	+3.4
구례군	13.3	14.5	14.5	15.3	15.6	16.2	16.2	16.7	16.8	14.5	15.5	16.8
		+1.2	+1.2	+2.0	+2.3	+2.9	+2.9	+3.4	+3.5	+1.2	+2.2	+3.5
나주시	13.6	14.8	14.9	15.6	16.0	16.5	16.5	17.1	17.2	14.8	15.8	17.1
		+1.2	+1.3	+2.0	+2.4	+2.9	+2.9	+3.5	+3.6	+1.2	+2.2	+3.5
담양군	13.1	14.3	14.4	15.1	15.5	16.0	16.0	16.6	16.7	14.3	15.3	16.6
		+1.2	+1.3	+2.0	+2.4	+2.9	+2.9	+3.5	+3.6	+1.2	+2.2	+3.5
목포시	14.0	15.2	15.2	16.0	16.3	16.8	16.9	17.4	17.5	15.2	16.1	17.5
		+1.2	+1.2	+2.0	+2.3	+2.8	+2.9	+3.4	+3.5	+1.2	+2.1	+3.5
무안군	13.8	15.0	15.0	15.8	16.1	16.6	16.7	17.3	17.4	15.0	16.0	17.3
		+1.2	+1.2	+2.0	+2.3	+2.8	+2.9	+3.5	+3.6	+1.2	+2.2	+3.5
보성군	13.0	14.2	14.2	15.0	15.3	15.8	15.8	16.4	16.5	14.2	15.2	16.5
		+1.2	+1.2	+2.0	+2.3	+2.8	+2.8	+3.4	+3.5	+1.2	+2.2	+3.5
순천시	14.0	15.2	15.2	16.0	16.3	16.8	16.9	17.4	17.5	15.2	16.1	17.4
		+1.2	+1.2	+2.0	+2.3	+2.8	+2.9	+3.4	+3.5	+1.2	+2.1	+3.4
신안군	14.0	15.3	15.3	16.0	16.4	16.8	17.0	17.5	17.6	15.3	16.2	17.6
		+1.3	+1.3	+2.0	+2.4	+2.8	+3.0	+3.5	+3.6	+1.3	+2.2	+3.6
여수시	14.5	15.7	15.8	16.5	16.8	17.3	17.4	17.9	18.0	15.7	16.7	18.0
		+1.2	+1.3	+2.0	+2.3	+2.8	+2.9	+3.4	+3.5	+1.2	+2.2	+3.5
영광군	13.4	14.6	14.7	15.4	15.7	16.3	16.3	16.9	17.0	14.6	15.6	16.9
		+1.2	+1.3	+2.0	+2.3	+2.9	+2.9	+3.5	+3.6	+1.2	+2.2	+3.5
영암군	13.7	14.9	15.0	15.7	16.1	16.6	16.6	17.2	17.3	14.9	15.9	17.2
		+1.2	+1.3	+2.0	+2.4	+2.9	+2.9	+3.5	+3.6	+1.2	+2.2	+3.5
완도군	14.3	15.5	15.5	16.2	16.6	17.0	17.1	17.7	17.8	15.5	16.4	17.7
		+1.2	+1.2	+1.9	+2.3	+2.7	+2.8	+3.4	+3.5	+1.2	+2.1	+3.4
장성군	13.2	14.4	14.4	15.2	15.6	16.1	16.1	16.7	16.8	14.4	15.4	16.7
		+1.2	+1.2	+2.0	+2.4	+2.9	+2.9	+3.5	+3.6	+1.2	+2.2	+3.5
장흥군	13.2	14.4	14.5	15.2	15.6	16.1	16.1	16.7	16.8	14.4	15.4	16.7
		+1.2	+1.3	+2.0	+2.4	+2.9	+2.9	+3.5	+3.6	+1.2	+2.2	+3.5
진도군	13.8	15.0	15.1	15.8	16.1	16.6	16.7	17.3	17.3	15.0	15.9	17.3
		+1.2	+1.3	+2.0	+2.3	+2.8	+2.9	+3.5	+3.5	+1.2	+2.1	+3.5
함평군	13.5	14.7	14.8	15.5	15.8	16.3	16.4	17.0	17.1	14.7	15.7	17.0
		+1.2	+1.3	+2.0	+2.3	+2.8	+2.9	+3.5	+3.6	+1.2	+2.2	+3.5
해남군	13.7	14.9	15.0	15.7	16.0	16.5	16.6	17.2	17.3	14.9	15.9	17.2
		+1.2	+1.3	+2.0	+2.3	+2.8	+2.9	+3.5	+3.6	+1.2	+2.2	+3.5
화순군	13.1	14.3	14.3	15.1	15.4	15.9	15.9	16.5	16.6	14.3	15.2	16.6
		+1.2	+1.2	+2.0	+2.3	+2.8	+2.8	+3.4	+3.5	+1.2	+2.1	+3.5

표 4-3. 전라남도의 연평균기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	13.7	14.6	15.3	16.0	16.5	17.2	17.7	18.6	19.3	14.9	16.3	18.9
		+0.9	+1.6	+2.3	+2.8	+3.5	+4.0	+4.9	+5.6	+1.2	+2.6	+5.2
강진군	13.6	14.6	15.3	16.0	16.5	17.2	17.6	18.5	19.2	14.9	16.2	18.9
		+1.0	+1.7	+2.4	+2.9	+3.6	+4.0	+4.9	+5.6	+1.3	+2.6	+5.3
고흥군	14.2	15.2	15.9	16.6	17.1	17.7	18.2	19.0	19.8	15.5	16.8	19.4
		+1.0	+1.7	+2.4	+2.9	+3.5	+4.0	+4.8	+5.6	+1.3	+2.6	+5.2
곡성군	13.0	13.9	14.6	15.4	15.9	16.6	17.0	18.0	18.7	14.3	15.7	18.3
		+0.9	+1.6	+2.4	+2.9	+3.6	+4.0	+5.0	+5.7	+1.3	+2.7	+5.3
광양시	14.3	15.2	15.9	16.7	17.2	17.8	18.3	19.2	19.9	15.6	16.9	19.5
		+0.9	+1.6	+2.4	+2.9	+3.5	+4.0	+4.9	+5.6	+1.3	+2.6	+5.2
구례군	13.3	14.2	14.9	15.7	16.2	16.9	17.4	18.2	19.0	14.6	15.9	18.6
		+0.9	+1.6	+2.4	+2.9	+3.6	+4.1	+4.9	+5.7	+1.3	+2.6	+5.3
나주시	13.6	14.5	15.3	16.0	16.5	17.2	17.6	18.6	19.3	14.9	16.3	18.9
		+0.9	+1.7	+2.4	+2.9	+3.6	+4.0	+5.0	+5.7	+1.3	+2.7	+5.3
담양군	13.1	14.0	14.8	15.5	16.1	16.8	17.2	18.1	18.9	14.4	15.8	18.5
		+0.9	+1.7	+2.4	+3.0	+3.7	+4.1	+5.0	+5.8	+1.3	+2.7	+5.4
목포시	14.0	14.8	15.6	16.3	16.8	17.5	18.0	18.9	19.5	15.2	16.6	19.2
		+0.8	+1.6	+2.3	+2.8	+3.5	+4.0	+4.9	+5.5	+1.2	+2.6	+5.2
무안군	13.8	14.7	15.4	16.2	16.7	17.4	17.8	18.7	19.4	15.0	16.4	19.1
		+0.9	+1.6	+2.4	+2.9	+3.6	+4.0	+4.9	+5.6	+1.2	+2.6	+5.3
보성군	13.0	13.9	14.7	15.4	15.9	16.6	17.0	17.9	18.7	14.3	15.6	18.3
		+0.9	+1.7	+2.4	+2.9	+3.6	+4.0	+4.9	+5.7	+1.3	+2.6	+5.3
순천시	14.0	14.9	15.6	16.4	16.9	17.6	18.0	18.9	19.7	15.3	16.6	19.3
		+0.9	+1.6	+2.4	+2.9	+3.6	+4.0	+4.9	+5.7	+1.3	+2.6	+5.3
신안군	14.0	14.8	15.6	16.3	16.8	17.6	18.0	18.9	19.6	15.2	16.6	19.3
		+0.8	+1.6	+2.3	+2.8	+3.6	+4.0	+4.9	+5.6	+1.2	+2.6	+5.3
여수시	14.5	15.5	16.2	16.9	17.4	18.0	18.5	19.3	20.1	15.8	17.1	19.7
		+1.0	+1.7	+2.4	+2.9	+3.5	+4.0	+4.8	+5.6	+1.3	+2.6	+5.2
영광군	13.4	14.2	15.0	15.7	16.3	17.0	17.4	18.4	19.1	14.6	16.0	18.7
		+0.8	+1.6	+2.3	+2.9	+3.6	+4.0	+5.0	+5.7	+1.2	+2.6	+5.3
영암군	13.7	14.6	15.4	16.1	16.6	17.3	17.7	18.7	19.4	15.0	16.3	19.0
		+0.9	+1.7	+2.4	+2.9	+3.6	+4.0	+5.0	+5.7	+1.3	+2.6	+5.3
완도군	14.3	15.1	15.9	16.6	17.1	17.8	18.2	19.0	19.8	15.5	16.8	19.4
		+0.8	+1.6	+2.3	+2.8	+3.5	+3.9	+4.7	+5.5	+1.2	+2.5	+5.1
장성군	13.2	14.1	14.9	15.6	16.2	16.8	17.2	18.2	18.9	14.5	15.9	18.6
		+0.9	+1.7	+2.4	+3.0	+3.6	+4.0	+5.0	+5.7	+1.3	+2.7	+5.4
장흥군	13.2	14.2	14.9	15.6	16.1	16.8	17.2	18.1	18.8	14.5	15.8	18.5
		+1.0	+1.7	+2.4	+2.9	+3.6	+4.0	+4.9	+5.6	+1.3	+2.6	+5.3
진도군	13.8	14.7	15.4	16.1	16.6	17.3	17.7	18.7	19.3	15.0	16.4	19.0
		+0.9	+1.6	+2.3	+2.8	+3.5	+3.9	+4.9	+5.5	+1.2	+2.6	+5.2
함평군	13.5	14.4	15.1	15.9	16.4	17.1	17.5	18.5	19.2	14.8	16.1	18.8
		+0.9	+1.6	+2.4	+2.9	+3.6	+4.0	+5.0	+5.7	+1.3	+2.6	+5.3
해남군	13.7	14.6	15.4	16.1	16.6	17.3	17.7	18.6	19.3	15.0	16.3	19.0
		+0.9	+1.7	+2.4	+2.9	+3.6	+4.0	+4.9	+5.6	+1.3	+2.6	+5.3
화순군	13.1	14.0	14.7	15.5	16.0	16.7	17.1	18.0	18.8	14.4	15.7	18.4
		+0.9	+1.6	+2.4	+2.9	+3.6	+4.0	+4.9	+5.7	+1.3	+2.6	+5.3

표 4-4. 전라남도의 연평균기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	13.7	14.8	15.3	16.2	16.7	17.8	18.5	19.5	20.3	15.1	16.5	19.9
		+1.1	+1.6	+2.5	+3.0	+4.1	+4.8	+5.8	+6.6	+1.4	+2.8	+6.2
강진군	13.6	14.8	15.3	16.2	16.7	17.7	18.4	19.4	20.2	15.0	16.5	19.8
		+1.2	+1.7	+2.6	+3.1	+4.1	+4.8	+5.8	+6.6	+1.4	+2.9	+6.2
고흥군	14.2	15.4	15.8	16.7	17.3	18.3	18.9	19.9	20.7	15.6	17.0	20.3
		+1.2	+1.6	+2.5	+3.1	+4.1	+4.7	+5.7	+6.5	+1.4	+2.8	+6.1
곡성군	13.0	14.2	14.7	15.5	16.1	17.2	17.9	18.9	19.7	14.4	15.8	19.3
		+1.2	+1.7	+2.5	+3.1	+4.2	+4.9	+5.9	+6.7	+1.4	+2.8	+6.3
광양시	14.3	15.5	15.9	16.8	17.3	18.4	19.1	20.1	20.9	15.7	17.1	20.5
		+1.2	+1.6	+2.5	+3.0	+4.1	+4.8	+5.8	+6.6	+1.4	+2.8	+6.2
구례군	13.3	14.5	14.9	15.8	16.4	17.4	18.2	19.2	20.0	14.7	16.1	19.6
		+1.2	+1.6	+2.5	+3.1	+4.1	+4.9	+5.9	+6.7	+1.4	+2.8	+6.3
나주시	13.6	14.8	15.3	16.2	16.7	17.8	18.5	19.5	20.3	15.0	16.5	19.9
		+1.2	+1.7	+2.6	+3.1	+4.2	+4.9	+5.9	+6.7	+1.4	+2.9	+6.3
담양군	13.1	14.3	14.8	15.7	16.3	17.3	18.0	19.0	19.9	14.5	16.0	19.4
		+1.2	+1.7	+2.6	+3.2	+4.2	+4.9	+5.9	+6.8	+1.4	+2.9	+6.3
목포시	14.0	15.1	15.6	16.5	17.1	18.1	18.8	19.8	20.6	15.4	16.8	20.2
		+1.1	+1.6	+2.5	+3.1	+4.1	+4.8	+5.8	+6.6	+1.4	+2.8	+6.2
무안군	13.8	15.0	15.5	16.4	16.9	17.9	18.6	19.6	20.4	15.2	16.6	20.0
		+1.2	+1.7	+2.6	+3.1	+4.1	+4.8	+5.8	+6.6	+1.4	+2.8	+6.2
보성군	13.0	14.2	14.7	15.5	16.1	17.1	17.8	18.8	19.6	14.4	15.8	19.2
		+1.2	+1.7	+2.5	+3.1	+4.1	+4.8	+5.8	+6.6	+1.4	+2.8	+6.2
순천시	14.0	15.2	15.7	16.5	17.1	18.1	18.8	19.8	20.6	15.4	16.8	20.2
		+1.2	+1.7	+2.5	+3.1	+4.1	+4.8	+5.8	+6.6	+1.4	+2.8	+6.2
신안군	14.0	15.2	15.7	16.6	17.1	18.2	18.8	19.9	20.6	15.4	16.9	20.2
		+1.2	+1.7	+2.6	+3.1	+4.2	+4.8	+5.9	+6.6	+1.4	+2.9	+6.2
여수시	14.5	15.7	16.1	17.0	17.6	18.6	19.2	20.2	21.0	15.9	17.3	20.6
		+1.2	+1.6	+2.5	+3.1	+4.1	+4.7	+5.7	+6.5	+1.4	+2.8	+6.1
영광군	13.4	14.6	15.1	16.0	16.6	17.6	18.3	19.3	20.1	14.8	16.3	19.7
		+1.2	+1.7	+2.6	+3.2	+4.2	+4.9	+5.9	+6.7	+1.4	+2.9	+6.3
영암군	13.7	14.9	15.4	16.3	16.8	17.9	18.6	19.6	20.3	15.1	16.6	20.0
		+1.2	+1.7	+2.6	+3.1	+4.2	+4.9	+5.9	+6.6	+1.4	+2.9	+6.3
완도군	14.3	15.4	15.9	16.8	17.3	18.3	19.0	19.9	20.7	15.7	17.1	20.3
		+1.1	+1.6	+2.5	+3.0	+4.0	+4.7	+5.6	+6.4	+1.4	+2.8	+6.0
장성군	13.2	14.4	14.9	15.8	16.4	17.4	18.1	19.1	19.9	14.6	16.1	19.5
		+1.2	+1.7	+2.6	+3.2	+4.2	+4.9	+5.9	+6.7	+1.4	+2.9	+6.3
장흥군	13.2	14.4	14.9	15.8	16.3	17.3	18.0	19.0	19.8	14.6	16.0	19.4
		+1.2	+1.7	+2.6	+3.1	+4.1	+4.8	+5.8	+6.6	+1.4	+2.8	+6.2
진도군	13.8	15.0	15.4	16.3	16.9	17.9	18.5	19.6	20.3	15.2	16.6	19.9
		+1.2	+1.6	+2.5	+3.1	+4.1	+4.7	+5.8	+6.5	+1.4	+2.8	+6.1
함평군	13.5	14.7	15.2	16.1	16.6	17.7	18.4	19.4	20.2	14.9	16.4	19.8
		+1.2	+1.7	+2.6	+3.1	+4.2	+4.9	+5.9	+6.7	+1.4	+2.9	+6.3
해남군	13.7	14.9	15.4	16.3	16.8	17.8	18.5	19.5	20.3	15.1	16.5	19.9
		+1.2	+1.7	+2.6	+3.1	+4.1	+4.8	+5.8	+6.6	+1.4	+2.8	+6.2
화순군	13.1	14.3	14.8	15.6	16.2	17.2	18.0	19.0	19.8	14.5	15.9	19.4
		+1.2	+1.7	+2.5	+3.1	+4.1	+4.9	+5.9	+6.7	+1.4	+2.8	+6.3

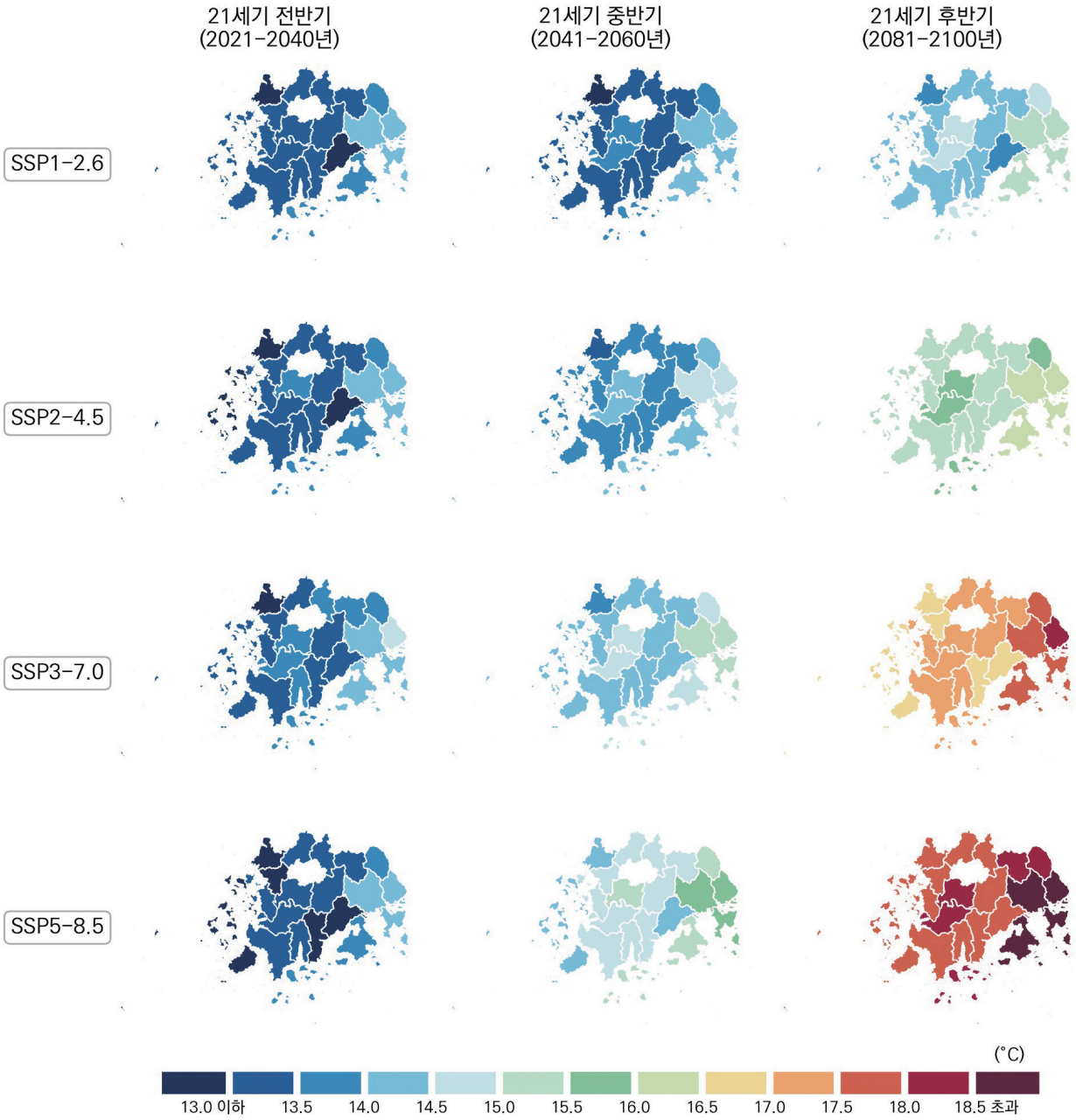


그림 4-2. 전라남도의 봄철 연평균기온(℃) 전망 분포도

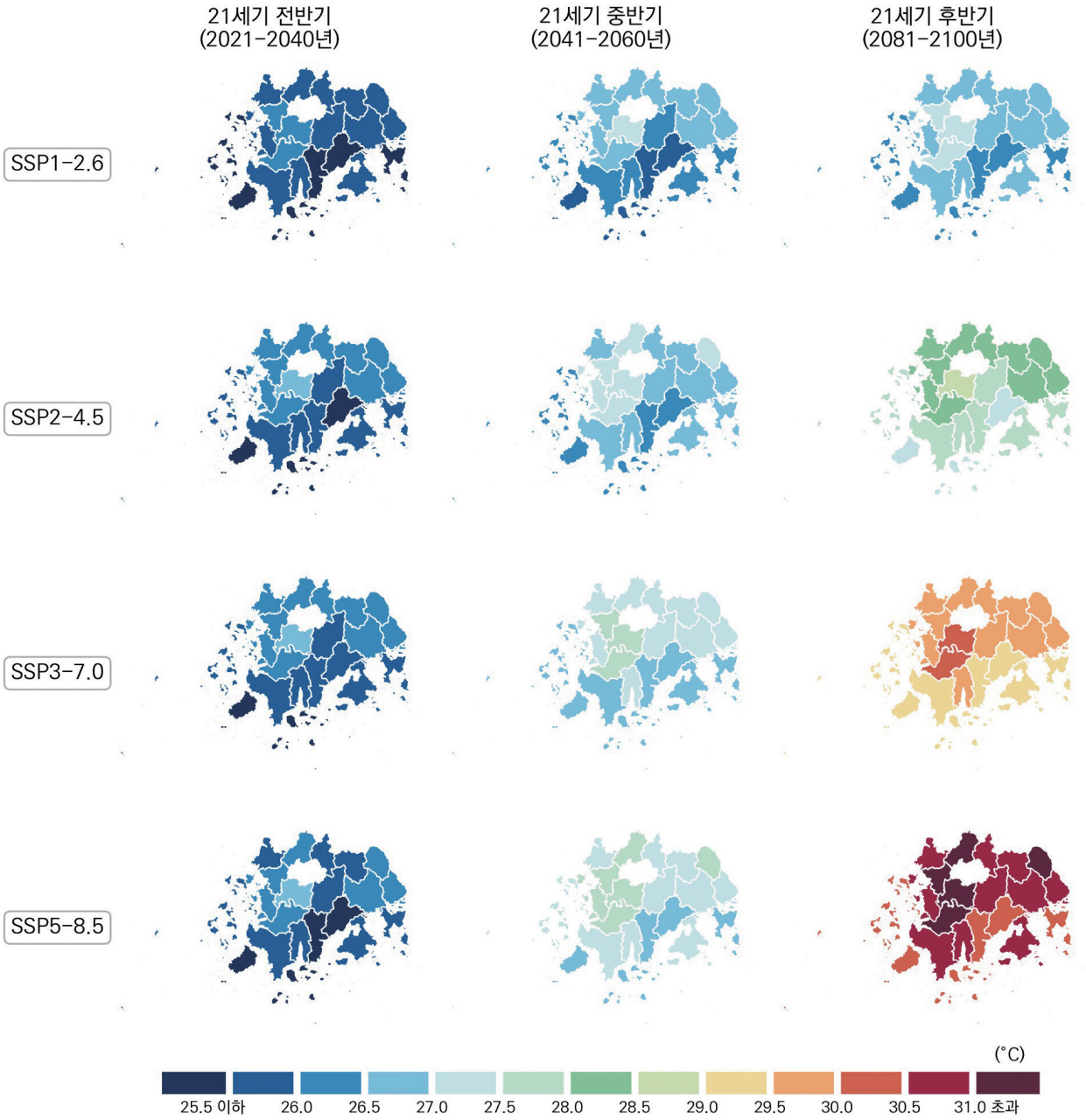


그림 4-3. 전라남도의 여름철 연평균기온(℃) 전망 분포도

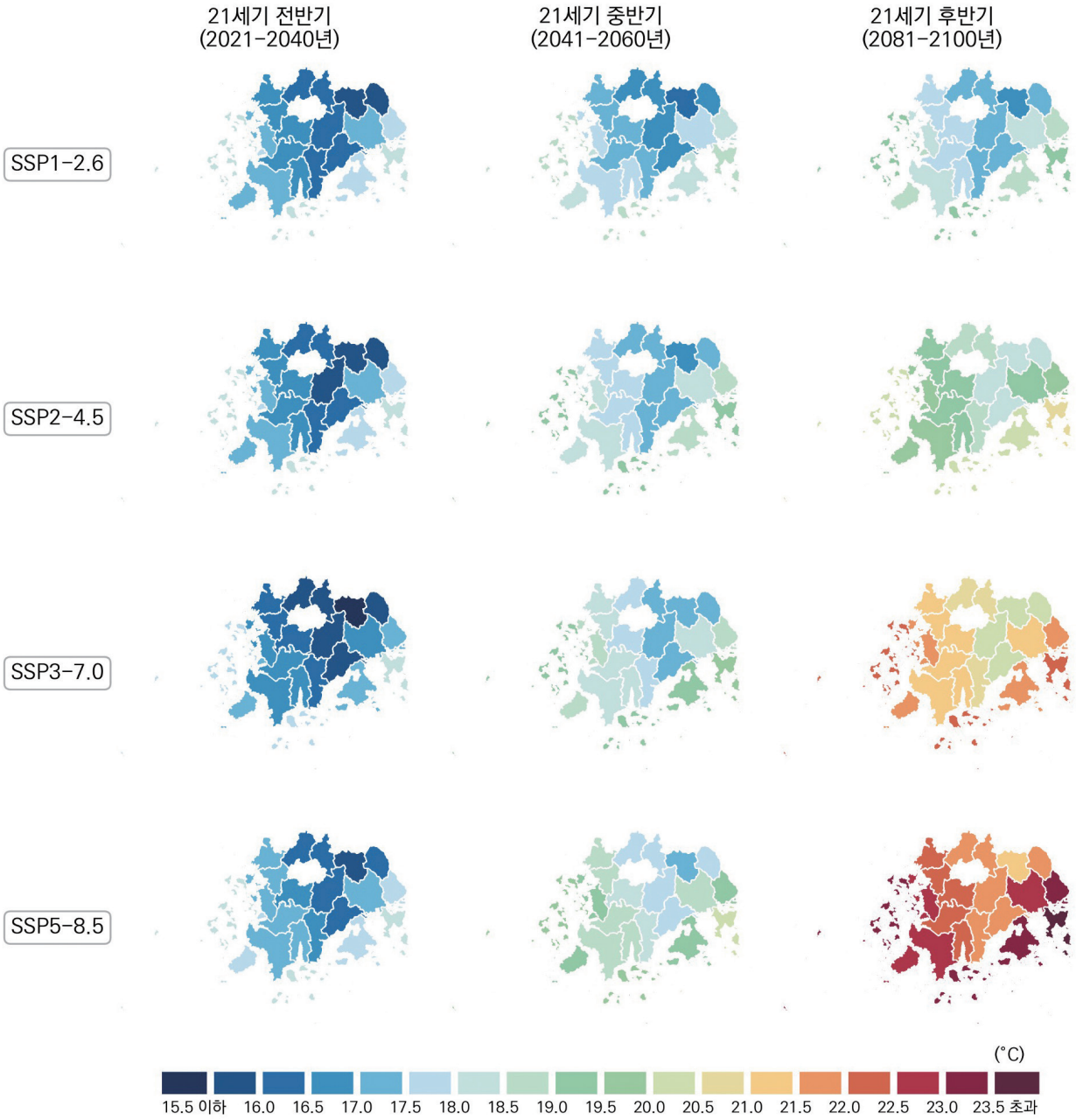


그림 4-4. 전라남도의 가을철 연평균기온(℃) 전망 분포도

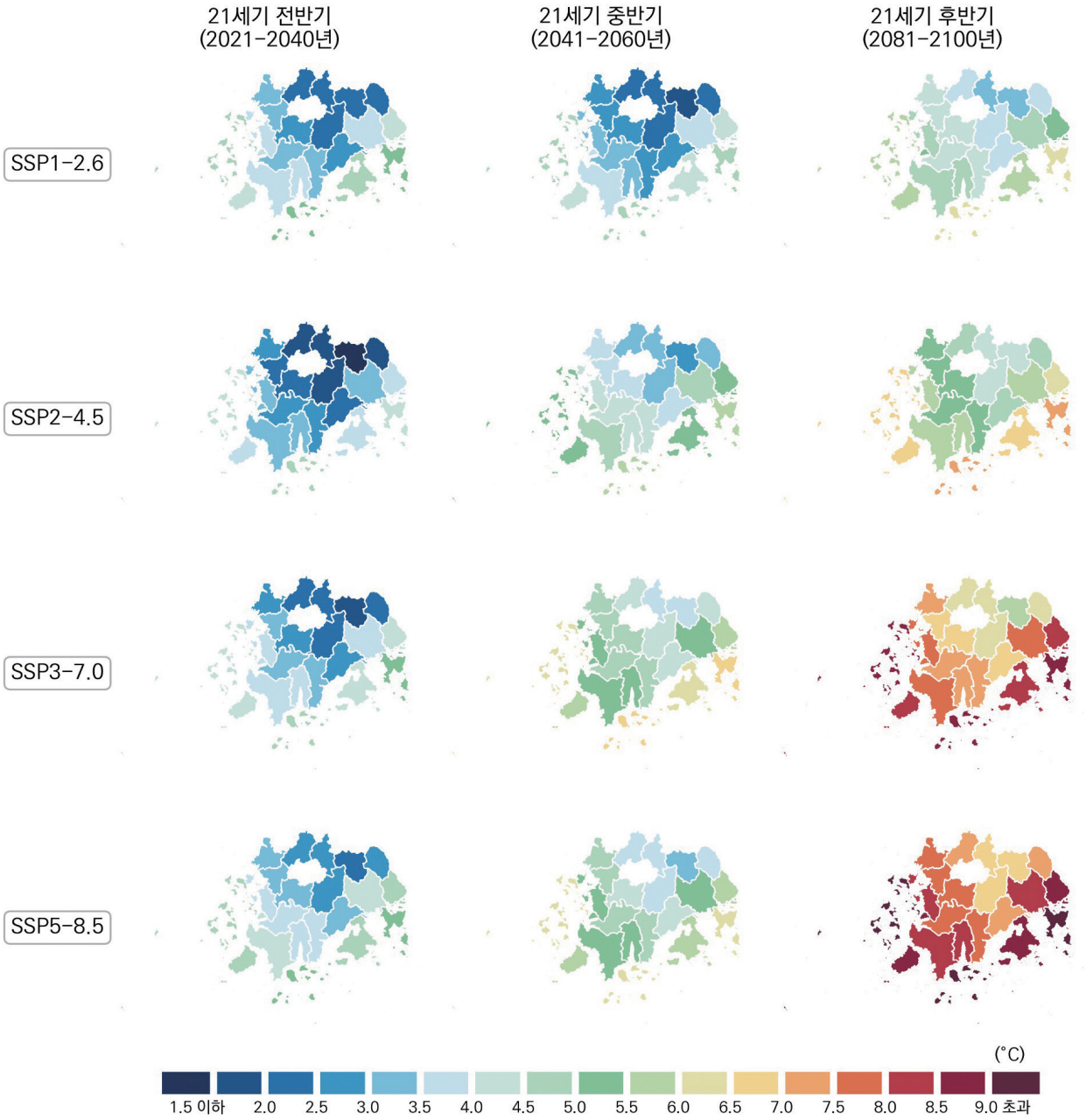


그림 4-5. 전라남도의 겨울철 연평균기온(℃) 전망 분포도

표 4-5. 전라남도의 계절별 평균기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP1-2.6)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	13.4	25.8	17.0	3.5	13.6	26.5	17.6	3.3	14.5	26.7	18.1	4.6
	+1.0	+1.4	+1.4	+1.3	+1.2	+2.1	+2.0	+1.1	+2.1	+2.3	+2.5	+2.4
강진군	13.3	25.6	16.9	3.7	13.5	26.3	17.6	3.5	14.4	26.6	18.0	4.8
	+1.0	+1.3	+1.3	+1.3	+1.2	+2.0	+2.0	+1.1	+2.1	+2.3	+2.4	+2.4
고흥군	13.9	25.6	17.8	4.6	14.2	26.3	18.4	4.4	15.1	26.6	18.8	5.7
	+1.0	+1.4	+1.3	+1.3	+1.3	+2.1	+1.9	+1.1	+2.2	+2.4	+2.3	+2.4
곡성군	13.3	25.8	15.8	2.1	13.4	26.6	16.4	1.8	14.3	26.8	16.8	3.2
	+1.0	+1.3	+1.5	+1.4	+1.1	+2.1	+2.1	+1.1	+2.0	+2.3	+2.5	+2.5
광양시	14.3	25.9	17.7	4.3	14.5	26.6	18.3	4.1	15.4	26.9	18.7	5.4
	+1.0	+1.4	+1.5	+1.3	+1.2	+2.1	+2.1	+1.1	+2.1	+2.4	+2.5	+2.4
구례군	13.6	26.0	16.0	2.5	13.8	26.8	16.6	2.3	14.7	27.0	17.1	3.6
	+0.9	+1.3	+1.4	+1.3	+1.1	+2.1	+2.0	+1.1	+2.0	+2.3	+2.5	+2.4
나주시	13.5	26.4	16.7	3.0	13.6	27.1	17.3	2.8	14.6	27.4	17.8	4.1
	+1.0	+1.4	+1.4	+1.4	+1.1	+2.1	+2.0	+1.2	+2.1	+2.4	+2.5	+2.5
담양군	13.3	25.8	16.1	2.3	13.4	26.6	16.7	2.1	14.3	26.8	17.2	3.5
	+1.1	+1.4	+1.4	+1.3	+1.2	+2.2	+2.0	+1.1	+2.1	+2.4	+2.5	+2.5
목포시	13.4	26.0	17.7	4.0	13.6	26.7	18.3	3.8	14.6	27.0	18.7	5.1
	+1.1	+1.4	+1.4	+1.3	+1.3	+2.1	+2.0	+1.1	+2.3	+2.4	+2.4	+2.4
무안군	13.2	26.0	17.4	3.7	13.4	26.7	18.0	3.5	14.4	27.0	18.4	4.8
	+1.1	+1.4	+1.4	+1.3	+1.3	+2.1	+2.0	+1.1	+2.3	+2.4	+2.4	+2.4
보성군	13.0	25.3	16.1	2.8	13.1	26.0	16.7	2.6	14.0	26.3	17.1	3.9
	+1.0	+1.4	+1.4	+1.4	+1.1	+2.1	+2.0	+1.2	+2.0	+2.4	+2.4	+2.5
순천시	14.1	25.9	17.1	3.9	14.3	26.6	17.8	3.7	15.1	26.9	18.2	5.0
	+1.0	+1.3	+1.4	+1.4	+1.2	+2.0	+2.1	+1.2	+2.0	+2.3	+2.5	+2.5
신안군	13.1	25.5	18.1	4.7	13.1	26.2	18.7	4.6	14.2	26.5	19.2	5.8
	+1.2	+1.4	+1.4	+1.3	+1.2	+2.1	+2.0	+1.2	+2.3	+2.4	+2.5	+2.4
여수시	14.2	25.5	18.4	5.1	14.4	26.2	19.0	4.9	15.4	26.4	19.4	6.2
	+1.0	+1.4	+1.4	+1.3	+1.2	+2.1	+2.0	+1.1	+2.2	+2.3	+2.4	+2.4
영광군	12.9	25.9	16.9	3.1	13.0	26.6	17.5	2.9	14.0	26.9	18.0	4.2
	+1.1	+1.4	+1.4	+1.4	+1.2	+2.1	+2.0	+1.2	+2.2	+2.4	+2.5	+2.5
영암군	13.5	26.2	16.9	3.3	13.6	27.0	17.5	3.1	14.6	27.3	18.0	4.4
	+1.1	+1.3	+1.3	+1.3	+1.2	+2.1	+1.9	+1.1	+2.2	+2.4	+2.4	+2.4
완도군	13.7	25.2	18.2	5.1	13.9	25.9	18.8	4.9	14.9	26.2	19.2	6.2
	+1.1	+1.3	+1.4	+1.3	+1.3	+2.0	+2.0	+1.1	+2.3	+2.3	+2.4	+2.4
장성군	13.2	25.9	16.3	2.5	13.4	26.7	16.9	2.2	14.3	26.9	17.3	3.6
	+1.0	+1.4	+1.5	+1.4	+1.2	+2.2	+2.1	+1.1	+2.1	+2.4	+2.5	+2.5
장흥군	13.1	25.3	16.4	3.2	13.2	26.0	17.1	3.0	14.2	26.3	17.5	4.3
	+1.1	+1.4	+1.3	+1.3	+1.2	+2.1	+2.0	+1.1	+2.2	+2.4	+2.4	+2.4
진도군	13.1	25.2	17.5	4.5	13.2	25.9	18.1	4.3	14.3	26.2	18.6	5.6
	+1.2	+1.3	+1.3	+1.3	+1.3	+2.0	+1.9	+1.1	+2.4	+2.3	+2.4	+2.4
함평군	13.1	26.1	16.8	3.1	13.2	26.8	17.4	2.9	14.2	27.1	17.9	4.2
	+1.1	+1.4	+1.4	+1.4	+1.2	+2.1	+2.0	+1.2	+2.2	+2.4	+2.5	+2.5
해남군	13.2	25.6	17.2	3.9	13.4	26.3	17.8	3.7	14.4	26.6	18.3	5.0
	+1.0	+1.4	+1.3	+1.3	+1.2	+2.1	+1.9	+1.1	+2.2	+2.4	+2.4	+2.4
화순군	13.1	25.7	16.1	2.4	13.3	26.4	16.7	2.2	14.2	26.7	17.1	3.6
	+1.0	+1.4	+1.4	+1.3	+1.2	+2.1	+2.0	+1.1	+2.1	+2.4	+2.4	+2.5

표 4-6. 전라남도의 계절별 평균기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP2-4.5)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	13.5	26.1	17.0	3.0	14.0	26.9	18.0	4.4	15.6	28.0	19.4	5.6
	+1.1	+1.7	+1.4	+0.8	+1.6	+2.5	+2.4	+2.2	+3.2	+3.6	+3.8	+3.4
강진군	13.4	25.9	17.0	3.1	13.9	26.7	18.0	4.5	15.5	27.9	19.3	5.7
	+1.1	+1.6	+1.4	+0.7	+1.6	+2.4	+2.4	+2.1	+3.2	+3.6	+3.7	+3.3
고흥군	14.0	25.9	17.8	4.0	14.5	26.7	18.8	5.4	16.1	27.9	20.1	6.6
	+1.1	+1.7	+1.3	+0.7	+1.6	+2.5	+2.3	+2.1	+3.2	+3.7	+3.6	+3.3
곡성군	13.4	26.2	15.7	1.5	13.9	26.9	16.8	2.9	15.5	28.1	18.2	4.2
	+1.1	+1.7	+1.4	+0.8	+1.6	+2.4	+2.5	+2.2	+3.2	+3.6	+3.9	+3.5
광양시	14.3	26.2	17.6	3.7	14.9	27.0	18.7	5.2	16.4	28.2	20.0	6.4
	+1.0	+1.7	+1.4	+0.7	+1.6	+2.5	+2.5	+2.2	+3.1	+3.7	+3.8	+3.4
구례군	13.7	26.3	16.0	1.9	14.3	27.1	17.1	3.4	15.8	28.3	18.4	4.6
	+1.0	+1.6	+1.4	+0.7	+1.6	+2.4	+2.5	+2.2	+3.1	+3.6	+3.8	+3.4
나주시	13.6	26.7	16.7	2.4	14.1	27.5	17.8	3.8	15.7	28.6	19.2	5.1
	+1.1	+1.7	+1.4	+0.8	+1.6	+2.5	+2.5	+2.2	+3.2	+3.6	+3.9	+3.5
담양군	13.4	26.2	16.1	1.7	13.9	26.9	17.2	3.2	15.4	28.1	18.6	4.5
	+1.2	+1.8	+1.4	+0.7	+1.7	+2.5	+2.5	+2.2	+3.2	+3.7	+3.9	+3.5
목포시	13.4	26.3	17.7	3.5	14.0	27.1	18.7	4.8	15.6	28.3	20.0	6.1
	+1.1	+1.7	+1.4	+0.8	+1.7	+2.5	+2.4	+2.1	+3.3	+3.7	+3.7	+3.4
무안군	13.3	26.3	17.4	3.2	13.8	27.1	18.4	4.5	15.4	28.3	19.7	5.8
	+1.2	+1.7	+1.4	+0.8	+1.7	+2.5	+2.4	+2.1	+3.3	+3.7	+3.7	+3.4
보성군	13.0	25.5	16.1	2.2	13.6	26.4	17.1	3.6	15.1	27.5	18.5	4.8
	+1.0	+1.6	+1.4	+0.8	+1.6	+2.5	+2.4	+2.2	+3.1	+3.6	+3.8	+3.4
순천시	14.1	26.2	17.1	3.3	14.7	27.0	18.2	4.7	16.2	28.2	19.5	5.9
	+1.0	+1.6	+1.4	+0.8	+1.6	+2.4	+2.5	+2.2	+3.1	+3.6	+3.8	+3.4
신안군	13.0	25.7	18.1	4.2	13.6	26.5	19.1	5.5	15.3	27.8	20.5	6.9
	+1.1	+1.6	+1.4	+0.8	+1.7	+2.4	+2.4	+2.1	+3.4	+3.7	+3.8	+3.5
여수시	14.3	25.8	18.4	4.5	14.8	26.6	19.4	5.9	16.4	27.8	20.7	7.1
	+1.1	+1.7	+1.4	+0.7	+1.6	+2.5	+2.4	+2.1	+3.2	+3.7	+3.7	+3.3
영광군	12.9	26.2	16.9	2.6	13.5	27.0	18.0	3.9	15.1	28.2	19.3	5.3
	+1.1	+1.7	+1.4	+0.9	+1.7	+2.5	+2.5	+2.2	+3.3	+3.7	+3.8	+3.6
영암군	13.5	26.5	16.9	2.8	14.1	27.3	18.0	4.1	15.6	28.5	19.3	5.4
	+1.1	+1.6	+1.3	+0.8	+1.7	+2.4	+2.4	+2.1	+3.2	+3.6	+3.7	+3.4
완도군	13.7	25.5	18.1	4.6	14.3	26.3	19.1	5.9	15.9	27.5	20.4	7.2
	+1.1	+1.6	+1.3	+0.8	+1.7	+2.4	+2.3	+2.1	+3.3	+3.6	+3.6	+3.4
장성군	13.3	26.3	16.3	1.9	13.8	27.1	17.3	3.3	15.4	28.2	18.7	4.6
	+1.1	+1.8	+1.5	+0.8	+1.6	+2.6	+2.5	+2.2	+3.2	+3.7	+3.9	+3.5
장흥군	13.1	25.6	16.4	2.7	13.6	26.4	17.5	4.1	15.2	27.6	18.8	5.3
	+1.1	+1.7	+1.3	+0.8	+1.6	+2.5	+2.4	+2.2	+3.2	+3.7	+3.7	+3.4
진도군	13.1	25.5	17.5	4.0	13.6	26.3	18.5	5.3	15.3	27.5	19.8	6.6
	+1.2	+1.6	+1.3	+0.8	+1.7	+2.4	+2.3	+2.1	+3.4	+3.6	+3.6	+3.4
함평군	13.1	26.4	16.9	2.5	13.7	27.2	17.9	4.0	15.2	28.3	19.3	5.2
	+1.1	+1.7	+1.5	+0.8	+1.7	+2.5	+2.5	+2.3	+3.2	+3.6	+3.9	+3.5
해남군	13.3	25.9	17.2	3.4	13.8	26.7	18.3	4.7	15.4	27.9	19.6	6.0
	+1.1	+1.7	+1.3	+0.8	+1.6	+2.5	+2.4	+2.1	+3.2	+3.7	+3.7	+3.4
화순군	13.2	26.0	16.0	1.8	13.8	26.8	17.1	3.3	15.3	27.9	18.5	4.5
	+1.1	+1.7	+1.3	+0.7	+1.7	+2.5	+2.4	+2.2	+3.2	+3.6	+3.8	+3.4

표 4-7. 전라남도의 계절별 평균기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP3-7.0)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	13.7	26.0	16.7	3.5	14.5	27.2	18.3	5.2	17.3	29.7	21.3	7.4
	+1.3	+1.6	+1.1	+1.3	+2.1	+2.8	+2.7	+3.0	+4.9	+5.3	+5.7	+5.2
강진군	13.6	25.9	16.6	3.6	14.4	27.1	18.2	5.3	17.2	29.6	21.2	7.5
	+1.3	+1.6	+1.0	+1.2	+2.1	+2.8	+2.6	+2.9	+4.9	+5.3	+5.6	+5.1
고흥군	14.2	25.9	17.5	4.5	15.0	27.0	19.1	6.2	17.7	29.5	22.0	8.4
	+1.3	+1.7	+1.0	+1.2	+2.1	+2.8	+2.6	+2.9	+4.8	+5.3	+5.5	+5.1
곡성군	13.6	26.1	15.4	2.0	14.4	27.4	17.1	3.8	17.3	29.8	20.2	6.0
	+1.3	+1.6	+1.1	+1.3	+2.1	+2.9	+2.8	+3.1	+5.0	+5.3	+5.9	+5.3
광양시	14.6	26.2	17.3	4.3	15.4	27.4	18.9	6.0	18.1	29.9	21.9	8.2
	+1.3	+1.7	+1.1	+1.3	+2.1	+2.9	+2.7	+3.0	+4.8	+5.4	+5.7	+5.2
구례군	14.0	26.3	15.6	2.5	14.8	27.5	17.3	4.2	17.6	30.0	20.4	6.5
	+1.3	+1.6	+1.0	+1.3	+2.1	+2.8	+2.7	+3.0	+4.9	+5.3	+5.8	+5.3
나주시	13.8	26.6	16.4	2.9	14.6	27.9	18.0	4.6	17.4	30.4	21.1	6.9
	+1.3	+1.6	+1.1	+1.3	+2.1	+2.9	+2.7	+3.0	+4.9	+5.4	+5.8	+5.3
담양군	13.6	26.1	15.7	2.3	14.4	27.4	17.4	4.0	17.2	29.9	20.6	6.3
	+1.4	+1.7	+1.0	+1.3	+2.2	+3.0	+2.7	+3.0	+5.0	+5.5	+5.9	+5.3
목포시	13.6	26.2	17.3	3.9	14.5	27.4	18.9	5.5	17.3	29.9	21.9	7.9
	+1.3	+1.6	+1.0	+1.2	+2.2	+2.8	+2.6	+2.8	+5.0	+5.3	+5.6	+5.2
무안군	13.4	26.2	17.0	3.6	14.3	27.4	18.6	5.3	17.1	30.0	21.6	7.6
	+1.3	+1.6	+1.0	+1.2	+2.2	+2.8	+2.6	+2.9	+5.0	+5.4	+5.6	+5.2
보성군	13.3	25.6	15.7	2.7	14.1	26.8	17.4	4.4	16.8	29.2	20.5	6.6
	+1.3	+1.7	+1.0	+1.3	+2.1	+2.9	+2.7	+3.0	+4.8	+5.3	+5.8	+5.2
순천시	14.4	26.2	16.8	3.9	15.2	27.4	18.4	5.5	18.0	29.9	21.5	7.8
	+1.3	+1.6	+1.1	+1.4	+2.1	+2.8	+2.7	+3.0	+4.9	+5.3	+5.8	+5.3
신안군	13.1	25.6	17.7	4.5	14.1	26.8	19.3	6.2	16.9	29.4	22.2	8.6
	+1.2	+1.5	+1.0	+1.1	+2.2	+2.7	+2.6	+2.8	+5.0	+5.3	+5.5	+5.2
여수시	14.5	25.7	18.1	5.1	15.3	26.9	19.6	6.7	18.0	29.4	22.5	8.8
	+1.3	+1.6	+1.1	+1.3	+2.1	+2.8	+2.6	+2.9	+4.8	+5.3	+5.5	+5.0
영광군	13.0	26.1	16.5	3.0	13.9	27.3	18.2	4.7	16.8	29.9	21.2	7.1
	+1.2	+1.6	+1.0	+1.3	+2.1	+2.8	+2.7	+3.0	+5.0	+5.4	+5.7	+5.4
영암군	13.7	26.5	16.6	3.3	14.6	27.7	18.2	4.9	17.3	30.2	21.3	7.2
	+1.3	+1.6	+1.0	+1.3	+2.2	+2.8	+2.6	+2.9	+4.9	+5.3	+5.7	+5.2
완도군	13.9	25.5	17.8	5.0	14.7	26.6	19.3	6.7	17.5	29.1	22.2	8.9
	+1.3	+1.6	+1.0	+1.2	+2.1	+2.7	+2.5	+2.9	+4.9	+5.2	+5.4	+5.1
장성군	13.5	26.2	15.9	2.4	14.4	27.5	17.6	4.1	17.2	30.0	20.7	6.5
	+1.3	+1.7	+1.1	+1.3	+2.2	+3.0	+2.8	+3.0	+5.0	+5.5	+5.9	+5.4
장흥군	13.3	25.6	16.1	3.2	14.1	26.7	17.7	4.8	16.9	29.2	20.7	7.1
	+1.3	+1.7	+1.0	+1.3	+2.1	+2.8	+2.6	+2.9	+4.9	+5.3	+5.6	+5.2
진도군	13.2	25.4	17.2	4.4	14.1	26.6	18.7	6.0	16.9	29.1	21.6	8.3
	+1.3	+1.5	+1.0	+1.2	+2.2	+2.7	+2.5	+2.8	+5.0	+5.2	+5.4	+5.1
함평군	13.3	26.3	16.5	3.1	14.2	27.6	18.1	4.7	17.0	30.0	21.2	7.0
	+1.3	+1.6	+1.1	+1.4	+2.2	+2.9	+2.7	+3.0	+5.0	+5.3	+5.8	+5.3
해남군	13.4	25.8	16.9	3.9	14.3	27.0	18.5	5.5	17.1	29.5	21.5	7.8
	+1.2	+1.6	+1.0	+1.3	+2.1	+2.8	+2.6	+2.9	+4.9	+5.3	+5.6	+5.2
화순군	13.4	26.0	15.7	2.4	14.3	27.2	17.4	4.1	17.1	29.7	20.5	6.4
	+1.3	+1.7	+1.0	+1.3	+2.2	+2.9	+2.7	+3.0	+5.0	+5.4	+5.8	+5.3

표 4-8. 전라남도의 계절별 평균기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP5-8.5)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	13.4	25.9	17.2	3.9	14.9	27.3	18.8	5.0	18.1	30.8	22.5	8.1
	+1.0	+1.5	+1.6	+1.7	+2.5	+2.9	+3.2	+2.8	+5.7	+6.4	+6.9	+5.9
강진군	13.3	25.8	17.1	4.0	14.9	27.2	18.7	5.1	18.0	30.7	22.4	8.2
	+1.0	+1.5	+1.5	+1.6	+2.6	+2.9	+3.1	+2.7	+5.7	+6.4	+6.8	+5.8
고흥군	13.9	25.7	18.0	4.9	15.4	27.2	19.5	6.0	18.6	30.6	23.1	9.0
	+1.0	+1.5	+1.5	+1.6	+2.5	+3.0	+3.0	+2.7	+5.7	+6.4	+6.6	+5.7
곡성군	13.3	26.0	15.9	2.4	14.9	27.4	17.5	3.5	18.1	31.0	21.4	6.7
	+1.0	+1.5	+1.6	+1.7	+2.6	+2.9	+3.2	+2.8	+5.8	+6.5	+7.1	+6.0
광양시	14.3	26.1	17.8	4.7	15.8	27.5	19.4	5.8	19.0	31.0	23.1	8.7
	+1.0	+1.6	+1.6	+1.7	+2.5	+3.0	+3.2	+2.8	+5.7	+6.5	+6.9	+5.7
구례군	13.6	26.2	16.2	2.9	15.2	27.6	17.8	4.0	18.4	31.2	21.6	7.1
	+0.9	+1.5	+1.6	+1.7	+2.5	+2.9	+3.2	+2.8	+5.7	+6.5	+7.0	+5.9
나주시	13.5	26.6	16.9	3.3	15.1	28.0	18.5	4.4	18.2	31.5	22.3	7.6
	+1.0	+1.6	+1.6	+1.7	+2.6	+3.0	+3.2	+2.8	+5.7	+6.5	+7.0	+6.0
담양군	13.2	26.0	16.3	2.7	14.8	27.5	17.9	3.8	18.0	31.0	21.8	7.0
	+1.0	+1.6	+1.6	+1.7	+2.6	+3.1	+3.2	+2.8	+5.8	+6.6	+7.1	+6.0
목포시	13.4	26.1	17.8	4.3	14.9	27.6	19.4	5.4	18.1	31.0	23.0	8.6
	+1.1	+1.5	+1.5	+1.6	+2.6	+3.0	+3.1	+2.7	+5.8	+6.4	+6.7	+5.9
무안군	13.2	26.1	17.5	4.0	14.7	27.6	19.1	5.2	17.9	31.0	22.8	8.3
	+1.1	+1.5	+1.5	+1.6	+2.6	+3.0	+3.1	+2.8	+5.8	+6.4	+6.8	+5.9
보성군	12.9	25.4	16.3	3.1	14.5	26.9	17.8	4.2	17.7	30.3	21.6	7.2
	+0.9	+1.5	+1.6	+1.7	+2.5	+3.0	+3.1	+2.8	+5.7	+6.4	+6.9	+5.8
순천시	14.1	26.1	17.3	4.2	15.6	27.5	18.9	5.3	18.8	31.0	22.7	8.3
	+1.0	+1.5	+1.6	+1.7	+2.5	+2.9	+3.2	+2.8	+5.7	+6.4	+7.0	+5.8
신안군	13.0	25.6	18.3	5.0	14.5	27.1	19.8	6.2	17.8	30.4	23.4	9.3
	+1.1	+1.5	+1.6	+1.6	+2.6	+3.0	+3.1	+2.8	+5.9	+6.3	+6.7	+5.9
여수시	14.2	25.6	18.5	5.4	15.7	27.0	20.1	6.5	18.9	30.4	23.7	9.4
	+1.0	+1.5	+1.5	+1.6	+2.5	+2.9	+3.1	+2.7	+5.7	+6.3	+6.7	+5.6
영광군	12.8	26.0	17.1	3.5	14.4	27.5	18.7	4.6	17.6	30.9	22.4	7.8
	+1.0	+1.5	+1.6	+1.8	+2.6	+3.0	+3.2	+2.9	+5.8	+6.4	+6.9	+6.1
영암군	13.4	26.4	17.1	3.6	15.0	27.8	18.7	4.8	18.2	31.3	22.4	7.9
	+1.0	+1.5	+1.5	+1.6	+2.6	+2.9	+3.1	+2.8	+5.8	+6.4	+6.8	+5.9
완도군	13.7	25.3	18.3	5.4	15.1	26.8	19.8	6.5	18.4	30.1	23.3	9.5
	+1.1	+1.4	+1.5	+1.6	+2.5	+2.9	+3.0	+2.7	+5.8	+6.2	+6.5	+5.7
장성군	13.2	26.1	16.5	2.8	14.8	27.6	18.0	4.0	18.0	31.1	21.9	7.1
	+1.0	+1.6	+1.7	+1.7	+2.6	+3.1	+3.2	+2.9	+5.8	+6.6	+7.1	+6.0
장흥군	13.0	25.5	16.6	3.6	14.6	26.9	18.2	4.7	17.7	30.3	21.9	7.7
	+1.0	+1.6	+1.5	+1.7	+2.6	+3.0	+3.1	+2.8	+5.7	+6.4	+6.8	+5.8
진도군	13.0	25.4	17.7	4.8	14.5	26.8	19.2	5.9	17.8	30.1	22.8	9.0
	+1.1	+1.5	+1.5	+1.6	+2.6	+2.9	+3.0	+2.7	+5.9	+6.2	+6.6	+5.8
함평군	13.0	26.2	17.1	3.4	14.6	27.7	18.6	4.6	17.8	31.1	22.4	7.7
	+1.0	+1.5	+1.7	+1.7	+2.6	+3.0	+3.2	+2.9	+5.8	+6.4	+7.0	+6.0
해남군	13.2	25.7	17.4	4.2	14.7	27.2	19.0	5.4	17.9	30.6	22.7	8.5
	+1.0	+1.5	+1.5	+1.6	+2.5	+3.0	+3.1	+2.8	+5.7	+6.4	+6.8	+5.9
화순군	13.1	25.9	16.3	2.8	14.7	27.3	17.8	3.9	17.9	30.8	21.7	7.0
	+1.0	+1.6	+1.6	+1.7	+2.6	+3.0	+3.1	+2.8	+5.8	+6.5	+7.0	+5.9

2) 연평균 최고기온

- SSP 시나리오에 따른 전라남도 연평균 최고기온은 현재(2000-2019년, 18.9℃) 대비 21세기 중반기에 1.6~2.9℃, 21세기 후반기에 2.4~6.3℃ 상승할 것으로 전망됨.
  - SSP1-2.6 시나리오에서 전라남도 연평균 최고기온은 현재 대비 21세기 중반기에 1.6℃, 후반기에 2.4℃ 상승할 것으로 전망됨.
  - SSP2-4.5 시나리오에서 전라남도 연평균 최고기온은 현재 대비 21세기 중반기에 2.2℃, 후반기에 3.5℃ 상승할 것으로 전망됨.
  - SSP3-7.0 시나리오에서 전라남도 연평균 최고기온은 현재 대비 21세기 중반기에 2.7℃, 후반기에 5.3℃ 상승할 것으로 전망됨.
  - SSP5-8.5 시나리오에서 전라남도 연평균 최고기온은 현재 대비 21세기 중반기에 2.9℃, 후반기에 6.3℃ 상승할 것으로 전망됨.
- SSP5-8.5 시나리오에서 현재 대비 21세기 후반기 전라남도 연평균 최고기온 상승폭(+6.3℃)은 SSP1-2.6 시나리오에서의 상승폭(+2.4℃)보다 3.9℃ 크게 나타남.
- 현재(2000-2019년) 전라남도 연평균 최고기온(18.9℃)은 우리나라 평균(18.2℃)보다 0.7℃ 높으며 SSP5-8.5에서 21세기 후반기 전라남도 연평균 최고기온 상승폭(+6.3℃)은 우리나라 평균 상승폭(+6.4℃)보다 낮게 나타남.

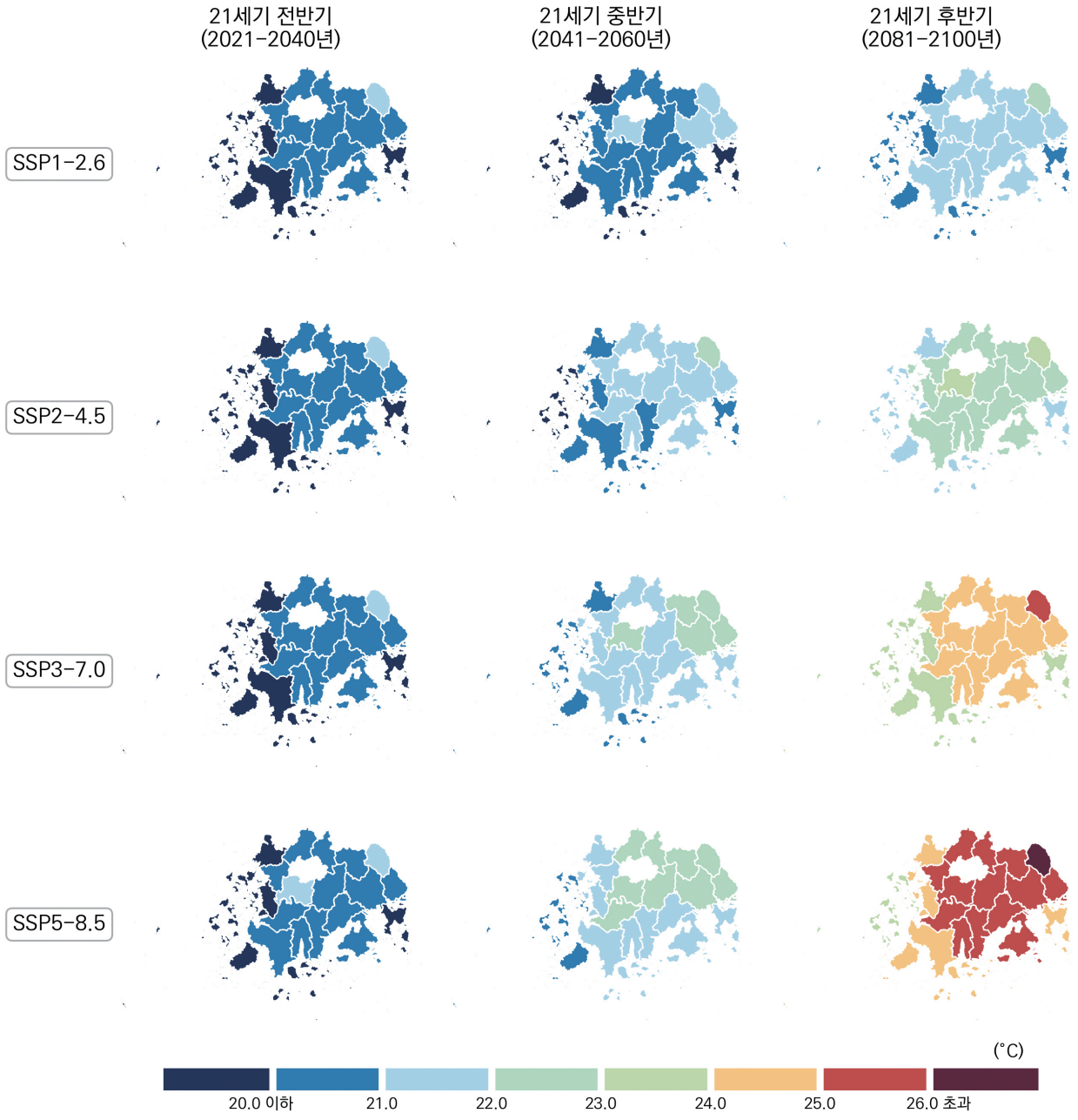


그림 4-6. 전라남도의 연평균 최고기온(℃) 전망 분포도

표 4-9. 전라남도의 연평균 최고기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	18.9	20.0	20.4	20.5	20.5	20.9	21.0	21.3	21.4	20.2	20.5	21.3
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.4	+2.5	+1.3	+1.6	+2.4
강진군	18.9	20.0	20.3	20.5	20.5	20.9	21.0	21.2	21.4	20.2	20.5	21.3
		+1.1	+1.4	+1.6	+1.6	+2.0	+2.1	+2.3	+2.5	+1.3	+1.6	+2.4
고흥군	19.0	20.1	20.5	20.6	20.6	20.9	21.1	21.3	21.4	20.3	20.6	21.4
		+1.1	+1.5	+1.6	+1.6	+1.9	+2.1	+2.3	+2.4	+1.3	+1.6	+2.4
곡성군	19.4	20.5	20.9	21.1	21.0	21.3	21.5	21.8	21.9	20.7	21.0	21.8
		+1.1	+1.5	+1.7	+1.6	+1.9	+2.1	+2.4	+2.5	+1.3	+1.6	+2.4
광양시	19.4	20.5	20.9	21.1	21.0	21.4	21.5	21.7	21.8	20.7	21.1	21.8
		+1.1	+1.5	+1.7	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.7	+2.4
구례군	19.8	20.9	21.3	21.5	21.4	21.8	22.0	22.2	22.3	21.1	21.5	22.2
		+1.1	+1.5	+1.7	+1.6	+2.0	+2.2	+2.4	+2.5	+1.3	+1.7	+2.4
나주시	19.6	20.7	21.1	21.2	21.2	21.6	21.7	22.0	22.1	20.9	21.2	22.0
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.4	+2.5	+1.3	+1.6	+2.4
담양군	19.1	20.3	20.6	20.8	20.7	21.1	21.3	21.5	21.7	20.5	20.8	21.6
		+1.2	+1.5	+1.7	+1.6	+2.0	+2.2	+2.4	+2.6	+1.4	+1.7	+2.5
목포시	18.4	19.5	20.0	20.1	20.0	20.5	20.6	20.8	20.9	19.7	20.1	20.9
		+1.1	+1.6	+1.7	+1.6	+2.1	+2.2	+2.4	+2.5	+1.3	+1.7	+2.5
무안군	18.6	19.7	20.1	20.2	20.2	20.6	20.7	20.9	21.1	19.9	20.2	21.0
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.5	+1.3	+1.6	+2.4
보성군	19.0	20.1	20.5	20.7	20.6	21.0	21.2	21.4	21.5	20.3	20.6	21.4
		+1.1	+1.5	+1.7	+1.6	+2.0	+2.2	+2.4	+2.5	+1.3	+1.6	+2.4
순천시	19.5	20.6	20.9	21.1	21.0	21.4	21.6	21.8	21.9	20.8	21.1	21.9
		+1.1	+1.4	+1.6	+1.5	+1.9	+2.1	+2.3	+2.4	+1.3	+1.6	+2.4
신안군	17.9	19.0	19.4	19.5	19.5	19.9	20.0	20.3	20.3	19.2	19.5	20.3
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.4	+2.4	+1.3	+1.6	+2.4
여수시	18.4	19.5	19.9	20.1	20.0	20.4	20.5	20.7	20.8	19.7	20.0	20.8
		+1.1	+1.5	+1.7	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.4
영광군	18.2	19.3	19.7	19.9	19.8	20.3	20.4	20.6	20.7	19.5	19.9	20.7
		+1.1	+1.5	+1.7	+1.6	+2.1	+2.2	+2.4	+2.5	+1.3	+1.7	+2.5
영암군	19.3	20.4	20.7	20.9	20.9	21.3	21.4	21.6	21.8	20.6	20.9	21.7
		+1.1	+1.4	+1.6	+1.6	+2.0	+2.1	+2.3	+2.5	+1.3	+1.6	+2.4
완도군	18.4	19.4	19.8	20.0	20.0	20.4	20.5	20.7	20.8	19.6	20.0	20.7
		+1.0	+1.4	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.2	+1.6	+2.3
장성군	19.0	20.2	20.6	20.8	20.7	21.1	21.2	21.4	21.6	20.4	20.7	21.5
		+1.2	+1.6	+1.8	+1.7	+2.1	+2.2	+2.4	+2.6	+1.4	+1.7	+2.5
장흥군	18.8	19.9	20.3	20.5	20.4	20.8	20.9	21.1	21.3	20.1	20.4	21.2
		+1.1	+1.5	+1.7	+1.6	+2.0	+2.1	+2.3	+2.5	+1.3	+1.6	+2.4
진도군	18.2	19.2	19.7	19.8	19.8	20.2	20.3	20.5	20.6	19.5	19.8	20.6
		+1.0	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.4	+1.3	+1.6	+2.4
함평군	18.8	19.9	20.3	20.5	20.4	20.9	21.0	21.2	21.4	20.1	20.5	21.3
		+1.1	+1.5	+1.7	+1.6	+2.1	+2.2	+2.4	+2.6	+1.3	+1.7	+2.5
해남군	18.7	19.8	20.2	20.3	20.3	20.7	20.8	21.0	21.2	20.0	20.3	21.1
		+1.1	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.5	+1.3	+1.6	+2.4
화순군	19.2	20.3	20.7	20.9	20.8	21.2	21.3	21.6	21.7	20.5	20.8	21.6
		+1.1	+1.5	+1.7	+1.6	+2.0	+2.1	+2.4	+2.5	+1.3	+1.6	+2.4

표 4-10. 전라남도의 연평균 최고기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	18.9	20.2	20.2	21.0	21.3	21.8	21.8	22.4	22.5	20.2	21.1	22.4
		+1.3	+1.3	+2.1	+2.4	+2.9	+2.9	+3.5	+3.6	+1.3	+2.2	+3.5
강진군	18.9	20.2	20.2	21.0	21.2	21.8	21.8	22.4	22.4	20.2	21.1	22.4
		+1.3	+1.3	+2.1	+2.3	+2.9	+2.9	+3.5	+3.5	+1.3	+2.2	+3.5
고흥군	19.0	20.2	20.3	21.0	21.3	21.8	21.9	22.5	22.5	20.2	21.2	22.5
		+1.2	+1.3	+2.0	+2.3	+2.8	+2.9	+3.5	+3.5	+1.2	+2.2	+3.5
곡성군	19.4	20.7	20.6	21.5	21.8	22.3	22.3	22.9	23.0	20.7	21.6	23.0
		+1.3	+1.2	+2.1	+2.4	+2.9	+2.9	+3.5	+3.6	+1.3	+2.2	+3.6
광양시	19.4	20.7	20.7	21.5	21.8	22.3	22.3	22.9	23.0	20.7	21.6	22.9
		+1.3	+1.3	+2.1	+2.4	+2.9	+2.9	+3.5	+3.6	+1.3	+2.2	+3.5
구례군	19.8	21.1	21.1	21.9	22.2	22.7	22.8	23.3	23.5	21.1	22.1	23.4
		+1.3	+1.3	+2.1	+2.4	+2.9	+3.0	+3.5	+3.7	+1.3	+2.3	+3.6
나주시	19.6	20.9	20.9	21.7	22.0	22.5	22.5	23.1	23.2	20.9	21.8	23.1
		+1.3	+1.3	+2.1	+2.4	+2.9	+2.9	+3.5	+3.6	+1.3	+2.2	+3.5
담양군	19.1	20.5	20.4	21.2	21.5	22.1	22.1	22.7	22.8	20.4	21.4	22.7
		+1.4	+1.3	+2.1	+2.4	+3.0	+3.0	+3.6	+3.7	+1.3	+2.3	+3.6
목포시	18.4	19.7	19.7	20.5	20.8	21.3	21.3	22.0	22.0	19.7	20.6	22.0
		+1.3	+1.3	+2.1	+2.4	+2.9	+2.9	+3.6	+3.6	+1.3	+2.2	+3.6
무안군	18.6	19.9	19.8	20.6	20.9	21.4	21.5	22.1	22.1	19.8	20.7	22.1
		+1.3	+1.2	+2.0	+2.3	+2.8	+2.9	+3.5	+3.5	+1.2	+2.1	+3.5
보성군	19.0	20.3	20.3	21.1	21.4	21.9	21.9	22.5	22.6	20.3	21.3	22.6
		+1.3	+1.3	+2.1	+2.4	+2.9	+2.9	+3.5	+3.6	+1.3	+2.3	+3.6
순천시	19.5	20.8	20.7	21.6	21.8	22.4	22.4	23.0	23.0	20.7	21.7	23.0
		+1.3	+1.2	+2.1	+2.3	+2.9	+2.9	+3.5	+3.5	+1.2	+2.2	+3.5
신안군	17.9	19.1	19.1	19.9	20.2	20.7	20.8	21.4	21.5	19.1	20.0	21.4
		+1.2	+1.2	+2.0	+2.3	+2.8	+2.9	+3.5	+3.6	+1.2	+2.1	+3.5
여수시	18.4	19.6	19.6	20.4	20.7	21.2	21.3	21.9	21.9	19.6	20.6	21.9
		+1.2	+1.2	+2.0	+2.3	+2.8	+2.9	+3.5	+3.5	+1.2	+2.2	+3.5
영광군	18.2	19.5	19.5	20.2	20.6	21.1	21.1	21.8	21.9	19.5	20.4	21.8
		+1.3	+1.3	+2.0	+2.4	+2.9	+2.9	+3.6	+3.7	+1.3	+2.2	+3.6
영암군	19.3	20.6	20.6	21.4	21.6	22.2	22.2	22.8	22.8	20.6	21.5	22.8
		+1.3	+1.3	+2.1	+2.3	+2.9	+2.9	+3.5	+3.5	+1.3	+2.2	+3.5
완도군	18.4	19.6	19.6	20.4	20.7	21.2	21.2	21.8	21.9	19.6	20.5	21.8
		+1.2	+1.2	+2.0	+2.3	+2.8	+2.8	+3.4	+3.5	+1.2	+2.1	+3.4
장성군	19.0	20.4	20.4	21.2	21.5	22.0	22.0	22.6	22.7	20.4	21.3	22.7
		+1.4	+1.4	+2.2	+2.5	+3.0	+3.0	+3.6	+3.7	+1.4	+2.3	+3.7
장흥군	18.8	20.1	20.1	20.9	21.2	21.7	21.7	22.3	22.3	20.1	21.0	22.3
		+1.3	+1.3	+2.1	+2.4	+2.9	+2.9	+3.5	+3.5	+1.3	+2.2	+3.5
진도군	18.2	19.4	19.5	20.1	20.5	21.0	21.0	21.6	21.7	19.4	20.3	21.6
		+1.2	+1.3	+1.9	+2.3	+2.8	+2.8	+3.4	+3.5	+1.2	+2.1	+3.4
함평군	18.8	20.2	20.1	20.9	21.2	21.7	21.8	22.3	22.4	20.1	21.1	22.4
		+1.4	+1.3	+2.1	+2.4	+2.9	+3.0	+3.5	+3.6	+1.3	+2.3	+3.6
해남군	18.7	20.0	20.0	20.8	21.0	21.5	21.6	22.2	22.2	20.0	20.9	22.2
		+1.3	+1.3	+2.1	+2.3	+2.8	+2.9	+3.5	+3.5	+1.3	+2.2	+3.5
화순군	19.2	20.5	20.5	21.3	21.6	22.1	22.1	22.7	22.8	20.5	21.4	22.8
		+1.3	+1.3	+2.1	+2.4	+2.9	+2.9	+3.5	+3.6	+1.3	+2.2	+3.6

표 4-11. 전라남도의 연평균 최고기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	18.9	19.9	20.5	21.4	21.8	22.4	22.9	23.9	24.6	20.2	21.6	24.2
		+1.0	+1.6	+2.5	+2.9	+3.5	+4.0	+5.0	+5.7	+1.3	+2.7	+5.3
강진군	18.9	19.9	20.5	21.4	21.9	22.4	22.9	23.8	24.6	20.2	21.6	24.2
		+1.0	+1.6	+2.5	+3.0	+3.5	+4.0	+4.9	+5.7	+1.3	+2.7	+5.3
고흥군	19.0	20.0	20.6	21.4	21.9	22.4	23.0	23.8	24.6	20.3	21.7	24.2
		+1.0	+1.6	+2.4	+2.9	+3.4	+4.0	+4.8	+5.6	+1.3	+2.7	+5.2
곡성군	19.4	20.4	21.0	22.0	22.4	23.0	23.5	24.5	25.2	20.7	22.2	24.8
		+1.0	+1.6	+2.6	+3.0	+3.6	+4.1	+5.1	+5.8	+1.3	+2.8	+5.4
광양시	19.4	20.4	21.0	21.9	22.4	22.9	23.5	24.4	25.1	20.7	22.2	24.7
		+1.0	+1.6	+2.5	+3.0	+3.5	+4.1	+5.0	+5.7	+1.3	+2.8	+5.3
구례군	19.8	20.8	21.4	22.4	22.9	23.4	23.9	24.9	25.7	21.1	22.7	25.3
		+1.0	+1.6	+2.6	+3.1	+3.6	+4.1	+5.1	+5.9	+1.3	+2.9	+5.5
나주시	19.6	20.6	21.2	22.1	22.6	23.2	23.6	24.6	25.4	20.9	22.4	25.0
		+1.0	+1.6	+2.5	+3.0	+3.6	+4.0	+5.0	+5.8	+1.3	+2.8	+5.4
담양군	19.1	20.2	20.8	21.7	22.2	22.8	23.2	24.3	25.0	20.5	22.0	24.6
		+1.1	+1.7	+2.6	+3.1	+3.7	+4.1	+5.2	+5.9	+1.4	+2.9	+5.5
목포시	18.4	19.3	20.1	20.9	21.3	22.0	22.4	23.3	24.1	19.7	21.1	23.7
		+0.9	+1.7	+2.5	+2.9	+3.6	+4.0	+4.9	+5.7	+1.3	+2.7	+5.3
무안군	18.6	19.5	20.2	21.0	21.5	22.1	22.5	23.5	24.2	19.8	21.2	23.8
		+0.9	+1.6	+2.4	+2.9	+3.5	+3.9	+4.9	+5.6	+1.2	+2.6	+5.2
보성군	19.0	20.1	20.6	21.6	22.0	22.5	23.1	24.0	24.8	20.3	21.8	24.4
		+1.1	+1.6	+2.6	+3.0	+3.5	+4.1	+5.0	+5.8	+1.3	+2.8	+5.4
순천시	19.5	20.5	21.1	22.0	22.5	23.0	23.6	24.5	25.2	20.8	22.2	24.8
		+1.0	+1.6	+2.5	+3.0	+3.5	+4.1	+5.0	+5.7	+1.3	+2.7	+5.3
신안군	17.9	18.7	19.5	20.3	20.7	21.4	21.8	22.8	23.4	19.1	20.5	23.1
		+0.8	+1.6	+2.4	+2.8	+3.5	+3.9	+4.9	+5.5	+1.2	+2.6	+5.2
여수시	18.4	19.4	20.0	20.9	21.3	21.9	22.4	23.2	24.0	19.7	21.1	23.6
		+1.0	+1.6	+2.5	+2.9	+3.5	+4.0	+4.8	+5.6	+1.3	+2.7	+5.2
영광군	18.2	19.1	19.9	20.7	21.1	21.8	22.2	23.2	23.9	19.5	20.9	23.6
		+0.9	+1.7	+2.5	+2.9	+3.6	+4.0	+5.0	+5.7	+1.3	+2.7	+5.4
영암군	19.3	20.2	20.9	21.8	22.2	22.8	23.3	24.3	25.0	20.5	22.0	24.6
		+0.9	+1.6	+2.5	+2.9	+3.5	+4.0	+5.0	+5.7	+1.2	+2.7	+5.3
완도군	18.4	19.3	20.0	20.7	21.2	21.8	22.3	23.1	23.8	19.6	21.0	23.5
		+0.9	+1.6	+2.3	+2.8	+3.4	+3.9	+4.7	+5.4	+1.2	+2.6	+5.1
장성군	19.0	20.1	20.7	21.7	22.1	22.7	23.1	24.2	24.9	20.4	21.9	24.6
		+1.1	+1.7	+2.7	+3.1	+3.7	+4.1	+5.2	+5.9	+1.4	+2.9	+5.6
장흥군	18.8	19.8	20.4	21.3	21.8	22.3	22.8	23.7	24.5	20.1	21.5	24.1
		+1.0	+1.6	+2.5	+3.0	+3.5	+4.0	+4.9	+5.7	+1.3	+2.7	+5.3
진도군	18.2	19.0	19.8	20.6	21.0	21.6	22.1	23.0	23.7	19.4	20.8	23.3
		+0.8	+1.6	+2.4	+2.8	+3.4	+3.9	+4.8	+5.5	+1.2	+2.6	+5.1
함평군	18.8	19.8	20.4	21.3	21.8	22.4	22.8	23.9	24.6	20.1	21.6	24.2
		+1.0	+1.6	+2.5	+3.0	+3.6	+4.0	+5.1	+5.8	+1.3	+2.8	+5.4
해남군	18.7	19.6	20.3	21.2	21.6	22.2	22.7	23.6	24.3	20.0	21.4	24.0
		+0.9	+1.6	+2.5	+2.9	+3.5	+4.0	+4.9	+5.6	+1.3	+2.7	+5.3
화순군	19.2	20.2	20.8	21.8	22.2	22.8	23.3	24.3	25.0	20.5	22.0	24.6
		+1.0	+1.6	+2.6	+3.0	+3.6	+4.1	+5.1	+5.8	+1.3	+2.8	+5.4

표 4-12. 전라남도의 연평균 최고기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	18.9	20.2	20.6	21.5	22.1	23.1	23.8	24.8	25.6	20.4	21.8	25.2
		+1.3	+1.7	+2.6	+3.2	+4.2	+4.9	+5.9	+6.7	+1.5	+2.9	+6.3
강진군	18.9	20.1	20.6	21.5	22.1	23.0	23.7	24.8	25.6	20.4	21.8	25.2
		+1.2	+1.7	+2.6	+3.2	+4.1	+4.8	+5.9	+6.7	+1.5	+2.9	+6.3
고흥군	19.0	20.2	20.7	21.5	22.1	23.1	23.7	24.8	25.5	20.5	21.8	25.2
		+1.2	+1.7	+2.5	+3.1	+4.1	+4.7	+5.8	+6.5	+1.5	+2.8	+6.2
곡성군	19.4	20.7	21.2	22.0	22.6	23.7	24.4	25.5	26.3	20.9	22.3	25.9
		+1.3	+1.8	+2.6	+3.2	+4.3	+5.0	+6.1	+6.9	+1.5	+2.9	+6.5
광양시	19.4	20.7	21.1	22.0	22.6	23.6	24.3	25.3	26.2	20.9	22.3	25.7
		+1.3	+1.7	+2.6	+3.2	+4.2	+4.9	+5.9	+6.8	+1.5	+2.9	+6.3
구례군	19.8	21.1	21.6	22.4	23.1	24.1	24.8	25.9	26.7	21.4	22.7	26.3
		+1.3	+1.8	+2.6	+3.3	+4.3	+5.0	+6.1	+6.9	+1.6	+2.9	+6.5
나주시	19.6	20.9	21.4	22.2	22.8	23.8	24.5	25.6	26.4	21.1	22.5	26.0
		+1.3	+1.8	+2.6	+3.2	+4.2	+4.9	+6.0	+6.8	+1.5	+2.9	+6.4
담양군	19.1	20.5	20.9	21.8	22.4	23.4	24.1	25.3	26.1	20.7	22.1	25.7
		+1.4	+1.8	+2.7	+3.3	+4.3	+5.0	+6.2	+7.0	+1.6	+3.0	+6.6
목포시	18.4	19.7	20.2	21.0	21.6	22.6	23.2	24.3	25.0	19.9	21.3	24.6
		+1.3	+1.8	+2.6	+3.2	+4.2	+4.8	+5.9	+6.6	+1.5	+2.9	+6.2
무안군	18.6	19.8	20.3	21.2	21.7	22.7	23.4	24.4	25.2	20.0	21.4	24.8
		+1.2	+1.7	+2.6	+3.1	+4.1	+4.8	+5.8	+6.6	+1.4	+2.8	+6.2
보성군	19.0	20.3	20.8	21.6	22.2	23.2	23.9	25.0	25.8	20.5	21.9	25.4
		+1.3	+1.8	+2.6	+3.2	+4.2	+4.9	+6.0	+6.8	+1.5	+2.9	+6.4
순천시	19.5	20.7	21.2	22.1	22.7	23.7	24.4	25.5	26.3	21.0	22.4	25.9
		+1.2	+1.7	+2.6	+3.2	+4.2	+4.9	+6.0	+6.8	+1.5	+2.9	+6.4
신안군	17.9	19.1	19.6	20.4	21.0	22.0	22.7	23.7	24.4	19.3	20.7	24.0
		+1.2	+1.7	+2.5	+3.1	+4.1	+4.8	+5.8	+6.5	+1.4	+2.8	+6.1
여수시	18.4	19.7	20.1	20.9	21.5	22.5	23.2	24.2	25.0	19.9	21.2	24.6
		+1.3	+1.7	+2.5	+3.1	+4.1	+4.8	+5.8	+6.6	+1.5	+2.8	+6.2
영광군	18.2	19.5	20.0	20.9	21.4	22.4	23.1	24.1	24.9	19.7	21.1	24.5
		+1.3	+1.8	+2.7	+3.2	+4.2	+4.9	+5.9	+6.7	+1.5	+2.9	+6.3
영암군	19.3	20.5	21.0	21.9	22.5	23.5	24.1	25.2	26.0	20.8	22.2	25.6
		+1.2	+1.7	+2.6	+3.2	+4.2	+4.8	+5.9	+6.7	+1.5	+2.9	+6.3
완도군	18.4	19.6	20.0	20.9	21.4	22.4	23.1	24.1	24.8	19.8	21.1	24.4
		+1.2	+1.6	+2.5	+3.0	+4.0	+4.7	+5.7	+6.4	+1.4	+2.7	+6.0
장성군	19.0	20.4	20.9	21.8	22.3	23.4	24.1	25.2	26.0	20.6	22.1	25.6
		+1.4	+1.9	+2.8	+3.3	+4.4	+5.1	+6.2	+7.0	+1.6	+3.1	+6.6
장흥군	18.8	20.0	20.5	21.4	22.0	23.0	23.6	24.7	25.5	20.3	21.7	25.1
		+1.2	+1.7	+2.6	+3.2	+4.2	+4.8	+5.9	+6.7	+1.5	+2.9	+6.3
진도군	18.2	19.4	19.9	20.7	21.3	22.2	22.9	23.9	24.6	19.6	21.0	24.3
		+1.2	+1.7	+2.5	+3.1	+4.0	+4.7	+5.7	+6.4	+1.4	+2.8	+6.1
함평군	18.8	20.1	20.6	21.5	22.0	23.0	23.7	24.8	25.6	20.3	21.8	25.2
		+1.3	+1.8	+2.7	+3.2	+4.2	+4.9	+6.0	+6.8	+1.5	+3.0	+6.4
해남군	18.7	19.9	20.4	21.3	21.8	22.8	23.5	24.6	25.3	20.2	21.6	25.0
		+1.2	+1.7	+2.6	+3.1	+4.1	+4.8	+5.9	+6.6	+1.5	+2.9	+6.3
화순군	19.2	20.5	21.0	21.8	22.4	23.5	24.1	25.3	26.0	20.7	22.1	25.7
		+1.3	+1.8	+2.6	+3.2	+4.3	+4.9	+6.1	+6.8	+1.5	+2.9	+6.5

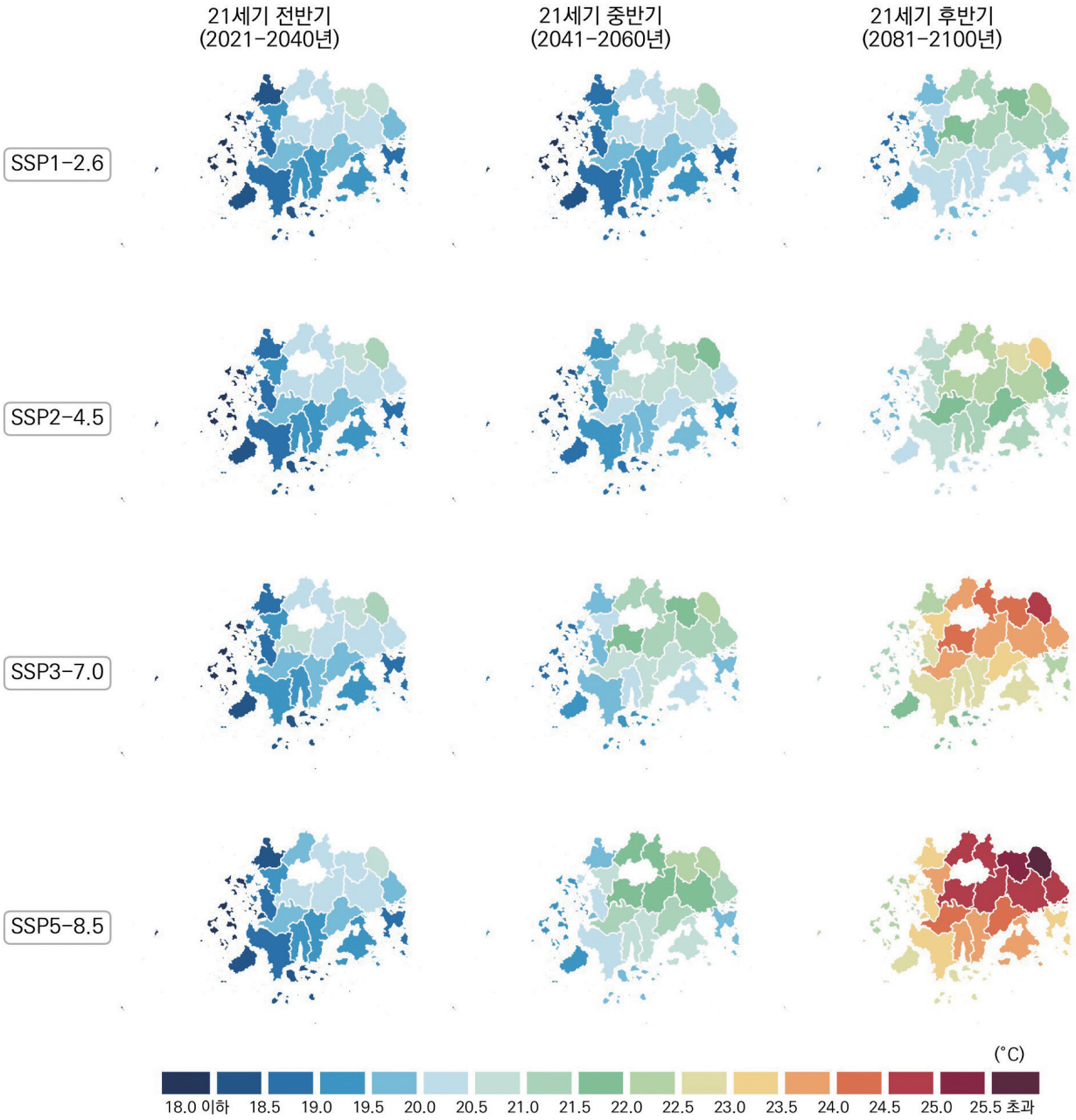


그림 4-7. 전라남도의 봄철 연평균 최고기온(℃) 전망 분포도

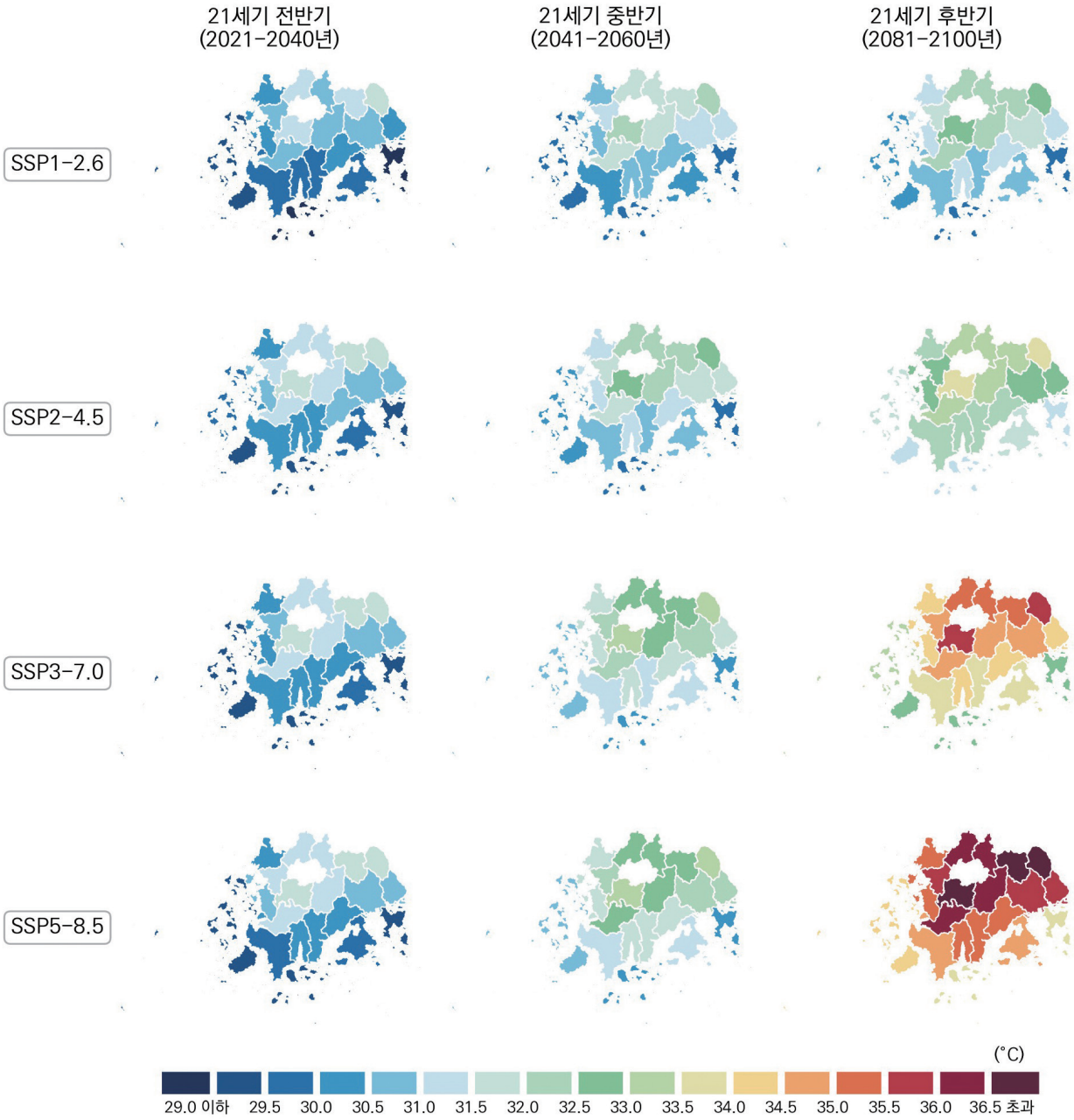


그림 4-8. 전라남도의 여름철 연평균 최고기온(℃) 전망 분포도

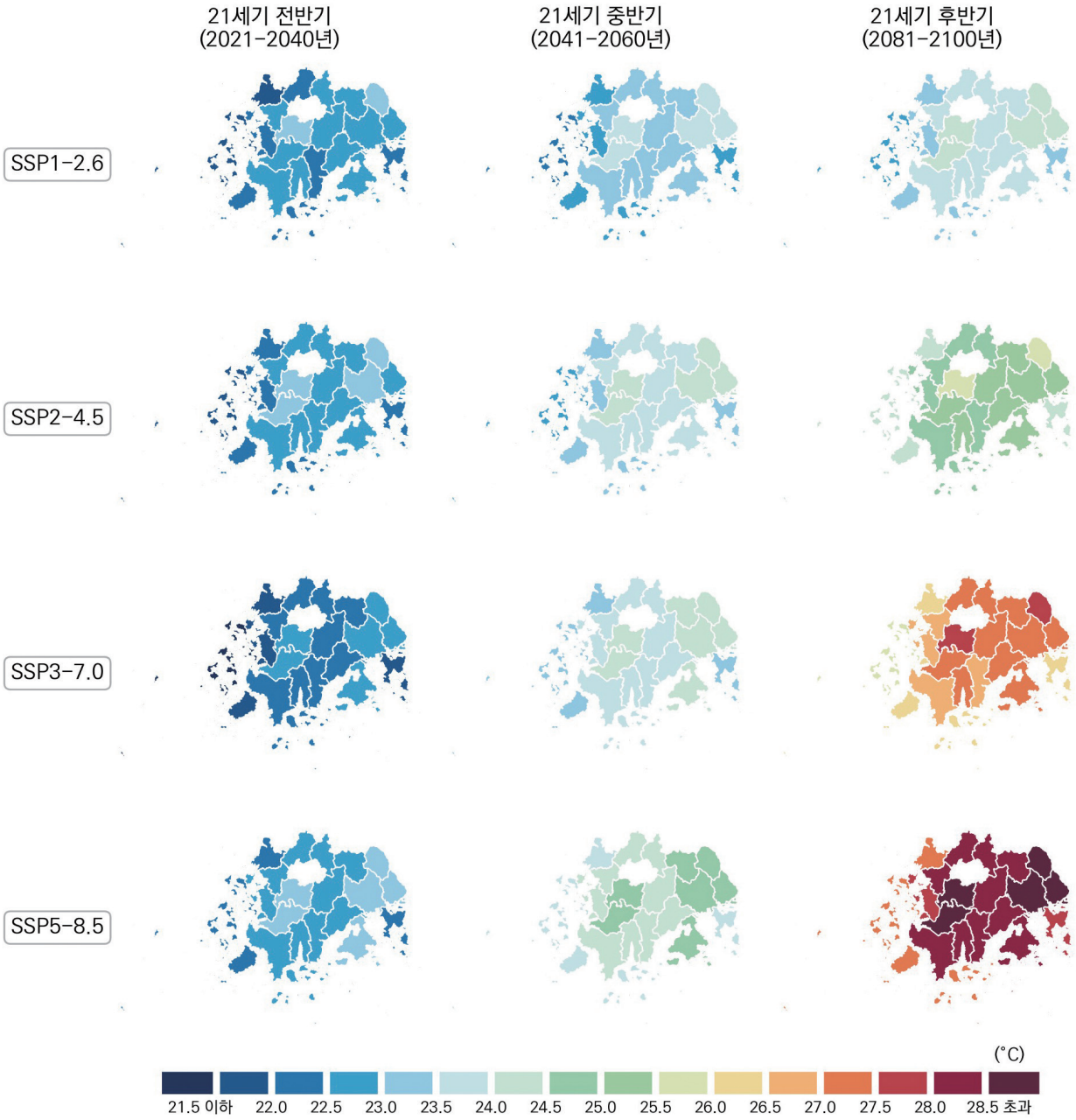


그림 4-9. 전라남도의 가을철 연평균 최고기온(℃) 전망 분포도

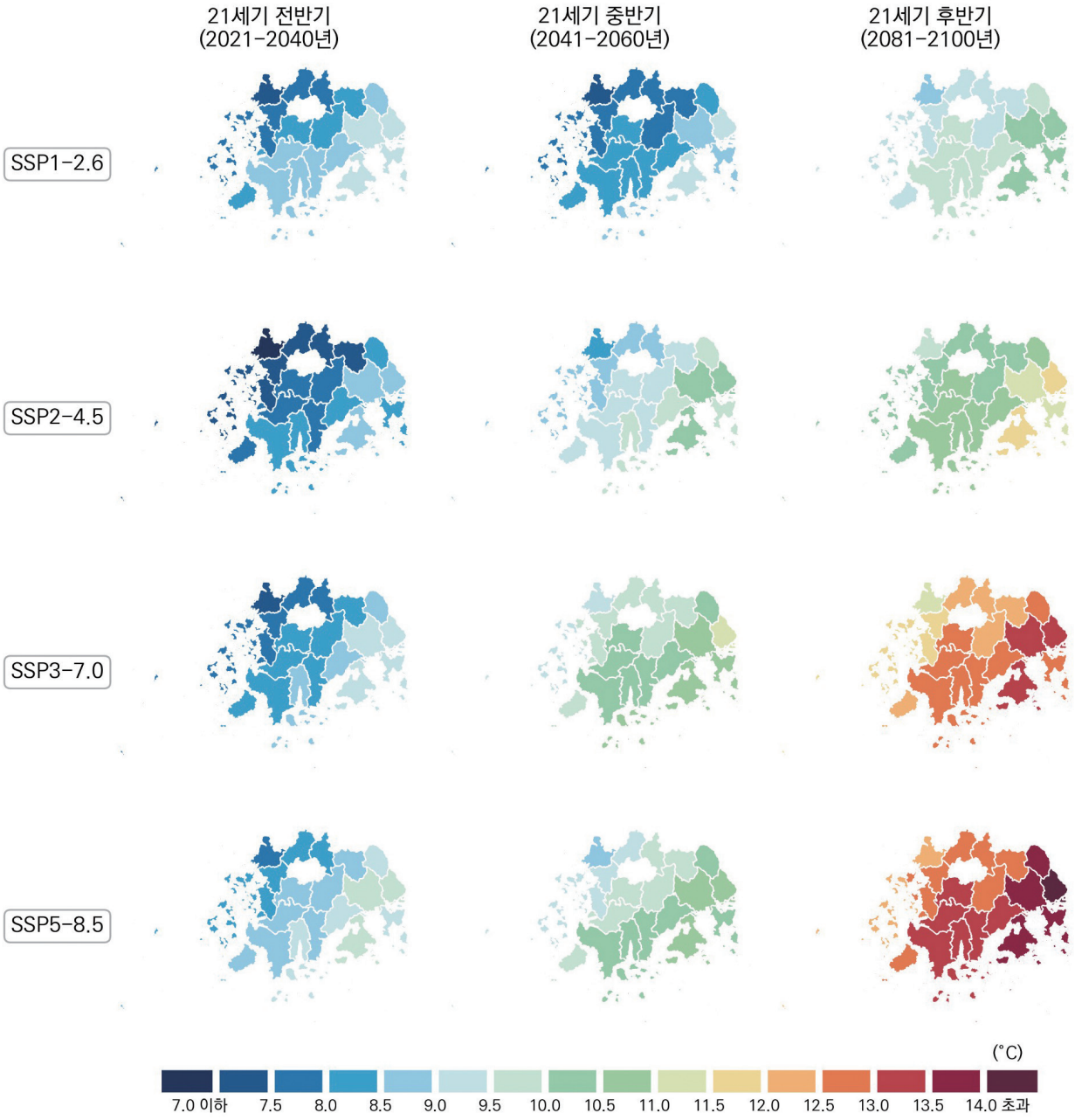


그림 4-10. 전라남도의 겨울철 연평균 최고기온(℃) 전망 분포도

표 4-13. 전라남도의 계절별 최고기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP1-2.6)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	19.4	30.3	22.6	8.5	19.6	31.0	23.2	8.3	20.6	31.4	23.7	9.6
	+1.0	+1.4	+1.4	+1.4	+1.2	+2.1	+2.0	+1.2	+2.2	+2.5	+2.5	+2.5
강진군	19.3	30.0	22.7	8.7	19.4	30.7	23.3	8.5	20.5	31.1	23.9	9.8
	+1.0	+1.4	+1.4	+1.4	+1.1	+2.1	+2.0	+1.2	+2.2	+2.5	+2.6	+2.5
고흥군	19.2	29.6	22.9	9.4	19.4	30.3	23.5	9.2	20.4	30.6	23.9	10.5
	+1.0	+1.4	+1.4	+1.3	+1.2	+2.1	+2.0	+1.1	+2.2	+2.4	+2.4	+2.4
곡성군	20.6	31.3	22.7	8.2	20.7	32.0	23.3	7.9	21.7	32.4	23.9	9.4
	+1.1	+1.4	+1.5	+1.5	+1.2	+2.1	+2.1	+1.2	+2.2	+2.5	+2.7	+2.7
광양시	20.0	30.4	23.0	9.4	20.2	31.2	23.6	9.3	21.1	31.5	24.1	10.5
	+1.0	+1.4	+1.4	+1.4	+1.2	+2.2	+2.0	+1.3	+2.1	+2.5	+2.5	+2.5
구례군	21.0	31.6	23.2	8.7	21.2	32.3	23.8	8.5	22.2	32.7	24.3	9.9
	+1.0	+1.4	+1.5	+1.4	+1.2	+2.1	+2.1	+1.2	+2.2	+2.5	+2.6	+2.6
나주시	20.4	31.5	23.2	8.5	20.5	32.2	23.7	8.3	21.6	32.6	24.3	9.7
	+1.1	+1.4	+1.5	+1.4	+1.2	+2.1	+2.0	+1.2	+2.3	+2.5	+2.6	+2.6
담양군	20.3	31.0	22.6	8.0	20.4	31.7	23.2	7.8	21.4	32.1	23.7	9.2
	+1.1	+1.4	+1.5	+1.5	+1.2	+2.1	+2.1	+1.3	+2.2	+2.5	+2.6	+2.7
목포시	18.6	29.9	22.3	8.1	18.7	30.6	22.9	7.9	19.8	31.0	23.5	9.2
	+1.1	+1.4	+1.4	+1.3	+1.2	+2.1	+2.0	+1.1	+2.3	+2.5	+2.6	+2.4
무안군	18.8	30.4	22.3	8.0	18.9	31.0	22.9	7.8	20.0	31.4	23.5	9.1
	+1.1	+1.4	+1.4	+1.3	+1.2	+2.0	+2.0	+1.1	+2.3	+2.4	+2.6	+2.4
보성군	19.7	30.2	22.7	8.6	19.9	30.9	23.3	8.5	20.9	31.3	23.8	9.8
	+0.9	+1.4	+1.5	+1.3	+1.1	+2.1	+2.1	+1.2	+2.1	+2.5	+2.6	+2.5
순천시	20.2	30.6	23.0	9.2	20.4	31.3	23.7	9.0	21.4	31.7	24.2	10.3
	+1.0	+1.4	+1.4	+1.4	+1.2	+2.1	+2.1	+1.2	+2.2	+2.5	+2.6	+2.5
신안군	17.6	29.3	21.9	8.0	17.8	30.0	22.5	7.8	18.8	30.3	23.0	9.1
	+1.1	+1.3	+1.4	+1.3	+1.3	+2.0	+2.0	+1.1	+2.3	+2.3	+2.5	+2.4
여수시	18.6	28.9	22.2	9.1	18.8	29.6	22.9	9.0	19.7	29.9	23.3	10.2
	+1.1	+1.5	+1.4	+1.3	+1.3	+2.2	+2.1	+1.2	+2.2	+2.5	+2.5	+2.4
영광군	18.5	30.2	22.0	7.5	18.6	30.9	22.6	7.3	19.7	31.2	23.2	8.6
	+1.1	+1.4	+1.4	+1.4	+1.2	+2.1	+2.0	+1.2	+2.3	+2.4	+2.6	+2.5
영암군	19.8	30.9	23.0	8.6	20.0	31.6	23.6	8.3	21.0	32.1	24.2	9.7
	+1.1	+1.4	+1.4	+1.4	+1.3	+2.1	+2.0	+1.1	+2.3	+2.6	+2.6	+2.5
완도군	18.4	28.9	22.4	9.0	18.6	29.6	23.0	8.8	19.6	29.9	23.4	10.0
	+1.1	+1.3	+1.3	+1.3	+1.3	+2.0	+1.9	+1.1	+2.3	+2.3	+2.3	+2.3
장성군	20.1	31.1	22.5	7.9	20.2	31.8	23.1	7.6	21.3	32.2	23.6	9.1
	+1.0	+1.4	+1.4	+1.5	+1.1	+2.1	+2.0	+1.2	+2.2	+2.5	+2.5	+2.7
장흥군	19.4	29.9	22.5	8.6	19.5	30.6	23.2	8.4	20.5	31.0	23.7	9.7
	+1.1	+1.4	+1.4	+1.4	+1.2	+2.1	+2.1	+1.2	+2.2	+2.5	+2.6	+2.5
진도군	18.1	29.2	22.2	8.4	18.3	29.9	22.8	8.2	19.3	30.2	23.3	9.5
	+1.1	+1.3	+1.3	+1.3	+1.3	+2.0	+1.9	+1.1	+2.3	+2.3	+2.4	+2.4
함평군	19.2	30.8	22.6	8.0	19.4	31.5	23.1	7.7	20.4	31.9	23.7	9.1
	+1.0	+1.4	+1.5	+1.4	+1.2	+2.1	+2.0	+1.1	+2.2	+2.5	+2.6	+2.5
해남군	18.9	29.8	22.6	8.6	19.0	30.5	23.2	8.4	20.1	30.9	23.8	9.7
	+1.1	+1.4	+1.4	+1.3	+1.2	+2.1	+2.0	+1.1	+2.3	+2.5	+2.6	+2.4
화순군	20.2	31.0	22.7	8.2	20.3	31.7	23.3	8.0	21.3	32.1	23.8	9.4
	+1.1	+1.4	+1.5	+1.4	+1.2	+2.1	+2.1	+1.2	+2.2	+2.5	+2.6	+2.6

표 4-14. 전라남도의 계절별 최고기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP2-4.5)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	19.5	30.7	22.6	7.9	20.0	31.4	23.7	9.4	21.5	32.6	25.0	10.7
	+1.1	+1.8	+1.4	+0.8	+1.6	+2.5	+2.5	+2.3	+3.1	+3.7	+3.8	+3.6
강진군	19.4	30.4	22.8	8.2	19.8	31.1	23.8	9.6	21.3	32.3	25.1	10.9
	+1.1	+1.8	+1.5	+0.9	+1.5	+2.5	+2.5	+2.3	+3.0	+3.7	+3.8	+3.6
고흥군	19.3	29.9	22.9	8.9	19.8	30.7	24.0	10.3	21.3	31.9	25.2	11.6
	+1.1	+1.7	+1.4	+0.8	+1.6	+2.5	+2.5	+2.2	+3.1	+3.7	+3.7	+3.5
곡성군	20.7	31.7	22.8	7.5	21.2	32.4	23.9	9.1	22.7	33.5	25.2	10.5
	+1.2	+1.8	+1.6	+0.8	+1.7	+2.5	+2.7	+2.4	+3.2	+3.6	+4.0	+3.8
광양시	20.1	30.8	23.0	8.8	20.5	31.6	24.1	10.3	22.0	32.7	25.4	11.6
	+1.1	+1.8	+1.4	+0.8	+1.5	+2.6	+2.5	+2.3	+3.0	+3.7	+3.8	+3.6
구례군	21.2	32.0	23.2	8.1	21.6	32.7	24.3	9.7	23.1	33.8	25.6	11.0
	+1.2	+1.8	+1.5	+0.8	+1.6	+2.5	+2.6	+2.4	+3.1	+3.6	+3.9	+3.7
나주시	20.5	31.9	23.2	7.9	20.9	32.6	24.3	9.4	22.4	33.7	25.6	10.8
	+1.2	+1.8	+1.5	+0.8	+1.6	+2.5	+2.6	+2.3	+3.1	+3.6	+3.9	+3.7
담양군	20.4	31.4	22.6	7.4	20.8	32.1	23.7	8.9	22.3	33.2	25.0	10.4
	+1.2	+1.8	+1.5	+0.9	+1.6	+2.5	+2.6	+2.4	+3.1	+3.6	+3.9	+3.9
목포시	18.6	30.3	22.3	7.6	19.1	31.0	23.4	8.9	20.7	32.2	24.7	10.3
	+1.1	+1.8	+1.4	+0.8	+1.6	+2.5	+2.5	+2.1	+3.2	+3.7	+3.8	+3.5
무안군	18.9	30.7	22.4	7.5	19.4	31.5	23.4	8.8	20.9	32.6	24.7	10.2
	+1.2	+1.7	+1.5	+0.8	+1.7	+2.5	+2.5	+2.1	+3.2	+3.6	+3.8	+3.5
보성군	19.9	30.6	22.7	8.1	20.3	31.3	23.8	9.6	21.8	32.5	25.1	10.9
	+1.1	+1.8	+1.5	+0.8	+1.5	+2.5	+2.6	+2.3	+3.0	+3.7	+3.9	+3.6
순천시	20.3	31.0	23.1	8.6	20.8	31.7	24.2	10.1	22.3	32.9	25.5	11.5
	+1.1	+1.8	+1.5	+0.8	+1.6	+2.5	+2.6	+2.3	+3.1	+3.7	+3.9	+3.7
신안군	17.6	29.6	21.9	7.5	18.2	30.4	22.9	8.7	19.8	31.6	24.1	10.1
	+1.1	+1.6	+1.4	+0.8	+1.7	+2.4	+2.4	+2.0	+3.3	+3.6	+3.6	+3.4
여수시	18.6	29.2	22.2	8.5	19.1	30.0	23.3	10.0	20.7	31.1	24.5	11.3
	+1.1	+1.8	+1.4	+0.7	+1.6	+2.6	+2.5	+2.2	+3.2	+3.7	+3.7	+3.5
영광군	18.6	30.5	22.1	6.9	19.1	31.3	23.1	8.3	20.7	32.5	24.4	9.7
	+1.2	+1.7	+1.5	+0.8	+1.7	+2.5	+2.5	+2.2	+3.3	+3.7	+3.8	+3.6
영암군	19.9	31.3	23.1	8.0	20.3	32.0	24.1	9.5	21.9	33.2	25.5	10.8
	+1.2	+1.8	+1.5	+0.8	+1.6	+2.5	+2.5	+2.3	+3.2	+3.7	+3.9	+3.6
완도군	18.4	29.3	22.4	8.4	18.9	30.0	23.4	9.8	20.5	31.2	24.6	11.0
	+1.1	+1.7	+1.3	+0.7	+1.6	+2.4	+2.3	+2.1	+3.2	+3.6	+3.5	+3.3
장성군	20.3	31.5	22.6	7.2	20.7	32.2	23.7	8.8	22.2	33.3	25.0	10.2
	+1.2	+1.8	+1.5	+0.8	+1.6	+2.5	+2.6	+2.4	+3.1	+3.6	+3.9	+3.8
장흥군	19.4	30.2	22.6	8.0	19.9	31.0	23.6	9.5	21.4	32.1	24.9	10.8
	+1.1	+1.7	+1.5	+0.8	+1.6	+2.5	+2.5	+2.3	+3.1	+3.6	+3.8	+3.6
진도군	18.2	29.5	22.2	7.9	18.7	30.3	23.2	9.2	20.3	31.5	24.4	10.5
	+1.2	+1.6	+1.3	+0.8	+1.7	+2.4	+2.3	+2.1	+3.3	+3.6	+3.5	+3.4
함평군	19.4	31.2	22.6	7.4	19.8	31.9	23.6	8.9	21.3	33.0	25.0	10.2
	+1.2	+1.8	+1.5	+0.8	+1.6	+2.5	+2.5	+2.3	+3.1	+3.6	+3.9	+3.6
해남군	18.9	30.2	22.7	8.1	19.4	31.0	23.7	9.5	21.0	32.1	25.0	10.8
	+1.1	+1.8	+1.5	+0.8	+1.6	+2.6	+2.5	+2.2	+3.2	+3.7	+3.8	+3.5
화순군	20.3	31.4	22.7	7.6	20.7	32.1	23.8	9.1	22.2	33.2	25.1	10.5
	+1.2	+1.8	+1.5	+0.8	+1.6	+2.5	+2.6	+2.3	+3.1	+3.6	+3.9	+3.7

표 4-15. 전라남도의 계절별 최고기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP3-7.0)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	19.6	30.5	22.3	8.4	20.6	31.8	23.9	10.2	23.2	34.3	26.9	12.5
	+1.2	+1.6	+1.1	+1.3	+2.2	+2.9	+2.7	+3.1	+4.8	+5.4	+5.7	+5.4
강진군	19.5	30.2	22.4	8.6	20.5	31.6	24.0	10.4	23.0	34.1	27.1	12.7
	+1.2	+1.6	+1.1	+1.3	+2.2	+3.0	+2.7	+3.1	+4.7	+5.5	+5.8	+5.4
고흥군	19.5	29.9	22.6	9.3	20.4	31.1	24.1	11.0	22.8	33.6	27.1	13.3
	+1.3	+1.7	+1.1	+1.2	+2.2	+2.9	+2.6	+2.9	+4.6	+5.4	+5.6	+5.2
곡성군	20.9	31.6	22.4	8.1	21.9	32.9	24.1	10.0	24.4	35.4	27.3	12.4
	+1.4	+1.7	+1.2	+1.4	+2.4	+3.0	+2.9	+3.3	+4.9	+5.5	+6.1	+5.7
광양시	20.3	30.7	22.7	9.4	21.2	32.0	24.3	11.1	23.7	34.5	27.4	13.4
	+1.3	+1.7	+1.1	+1.4	+2.2	+3.0	+2.7	+3.1	+4.7	+5.5	+5.8	+5.4
구례군	21.4	31.9	22.8	8.7	22.3	33.2	24.5	10.5	24.9	35.7	27.7	12.9
	+1.4	+1.7	+1.1	+1.4	+2.3	+3.0	+2.8	+3.2	+4.9	+5.5	+6.0	+5.6
나주시	20.6	31.8	22.8	8.4	21.6	33.1	24.5	10.2	24.2	35.6	27.6	12.6
	+1.3	+1.7	+1.1	+1.3	+2.3	+3.0	+2.8	+3.1	+4.9	+5.5	+5.9	+5.5
담양군	20.5	31.3	22.2	7.9	21.5	32.6	23.9	9.8	24.1	35.1	27.1	12.2
	+1.3	+1.7	+1.1	+1.4	+2.3	+3.0	+2.8	+3.3	+4.9	+5.5	+6.0	+5.7
목포시	18.7	30.1	22.0	8.0	19.7	31.4	23.6	9.7	22.4	33.9	26.5	12.0
	+1.2	+1.6	+1.1	+1.2	+2.2	+2.9	+2.7	+2.9	+4.9	+5.4	+5.6	+5.2
무안군	19.0	30.5	22.0	7.8	19.9	31.9	23.6	9.6	22.6	34.3	26.6	11.9
	+1.3	+1.5	+1.1	+1.1	+2.2	+2.9	+2.7	+2.9	+4.9	+5.3	+5.7	+5.2
보성군	20.0	30.5	22.4	8.6	21.0	31.8	24.0	10.4	23.5	34.3	27.1	12.7
	+1.2	+1.7	+1.2	+1.3	+2.2	+3.0	+2.8	+3.1	+4.7	+5.5	+5.9	+5.4
순천시	20.5	30.9	22.7	9.1	21.5	32.2	24.4	10.9	24.0	34.7	27.4	13.3
	+1.3	+1.7	+1.1	+1.3	+2.3	+3.0	+2.8	+3.1	+4.8	+5.5	+5.8	+5.5
신안군	17.7	29.5	21.5	7.8	18.7	30.7	23.1	9.5	21.4	33.2	25.9	11.7
	+1.2	+1.5	+1.0	+1.1	+2.2	+2.7	+2.6	+2.8	+4.9	+5.2	+5.4	+5.0
여수시	18.9	29.2	21.9	9.1	19.8	30.3	23.5	10.8	22.2	32.8	26.4	13.0
	+1.4	+1.8	+1.1	+1.3	+2.3	+2.9	+2.7	+3.0	+4.7	+5.4	+5.6	+5.2
영광군	18.7	30.3	21.7	7.3	19.6	31.7	23.3	9.1	22.4	34.2	26.3	11.4
	+1.3	+1.5	+1.1	+1.2	+2.2	+2.9	+2.7	+3.0	+5.0	+5.4	+5.7	+5.3
영암군	20.0	31.2	22.7	8.4	21.0	32.5	24.3	10.2	23.6	35.0	27.4	12.6
	+1.3	+1.7	+1.1	+1.2	+2.3	+3.0	+2.7	+3.0	+4.9	+5.5	+5.8	+5.4
완도군	18.5	29.2	22.1	8.8	19.4	30.3	23.6	10.6	22.0	32.8	26.4	12.7
	+1.2	+1.6	+1.0	+1.1	+2.1	+2.7	+2.5	+2.9	+4.7	+5.2	+5.3	+5.0
장성군	20.4	31.4	22.2	7.8	21.3	32.8	23.9	9.6	24.0	35.2	27.1	12.1
	+1.3	+1.7	+1.1	+1.4	+2.2	+3.1	+2.8	+3.2	+4.9	+5.5	+6.0	+5.7
장흥군	19.6	30.2	22.2	8.5	20.6	31.4	23.9	10.3	23.0	33.9	26.9	12.6
	+1.3	+1.7	+1.1	+1.3	+2.3	+2.9	+2.8	+3.1	+4.7	+5.4	+5.8	+5.4
진도군	18.3	29.4	21.9	8.2	19.2	30.6	23.4	9.9	21.9	33.0	26.2	12.2
	+1.3	+1.5	+1.0	+1.1	+2.2	+2.7	+2.5	+2.8	+4.9	+5.1	+5.3	+5.1
함평군	19.5	31.0	22.2	7.9	20.4	32.4	23.9	9.6	23.1	34.8	27.0	12.0
	+1.3	+1.6	+1.1	+1.3	+2.2	+3.0	+2.8	+3.0	+4.9	+5.4	+5.9	+5.4
해남군	19.1	30.1	22.3	8.5	20.0	31.4	23.9	10.2	22.6	33.8	26.9	12.6
	+1.3	+1.7	+1.1	+1.2	+2.2	+3.0	+2.7	+2.9	+4.8	+5.4	+5.7	+5.3
화순군	20.4	31.3	22.4	8.1	21.4	32.6	24.0	10.0	24.0	35.0	27.2	12.4
	+1.3	+1.7	+1.2	+1.3	+2.3	+3.0	+2.8	+3.2	+4.9	+5.4	+6.0	+5.6

표 4-16. 전라남도의 계절별 최고기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP5-8.5)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	19.4	30.5	22.9	8.9	20.9	32.0	24.4	10.0	24.0	35.5	28.2	13.2
	+1.0	+1.6	+1.7	+1.8	+2.5	+3.1	+3.2	+2.9	+5.6	+6.6	+7.0	+6.1
강진군	19.2	30.2	23.0	9.1	20.7	31.7	24.5	10.2	23.9	35.2	28.3	13.4
	+0.9	+1.6	+1.7	+1.8	+2.4	+3.1	+3.2	+2.9	+5.6	+6.6	+7.0	+6.1
고흥군	19.2	29.8	23.1	9.8	20.6	31.2	24.6	10.8	23.8	34.7	28.2	13.9
	+1.0	+1.6	+1.6	+1.7	+2.4	+3.0	+3.1	+2.7	+5.6	+6.5	+6.7	+5.8
곡성군	20.5	31.6	23.0	8.6	22.1	33.0	24.6	9.7	25.3	36.6	28.5	13.0
	+1.0	+1.7	+1.8	+1.9	+2.6	+3.1	+3.4	+3.0	+5.8	+6.7	+7.3	+6.3
광양시	20.0	30.7	23.3	9.8	21.4	32.1	24.8	10.9	24.6	35.8	28.6	14.1
	+1.0	+1.7	+1.7	+1.8	+2.4	+3.1	+3.2	+2.9	+5.6	+6.8	+7.0	+6.1
구례군	21.0	31.9	23.5	9.2	22.5	33.3	25.0	10.3	25.8	37.0	29.0	13.6
	+1.0	+1.7	+1.8	+1.9	+2.5	+3.1	+3.3	+3.0	+5.8	+6.8	+7.3	+6.3
나주시	20.3	31.8	23.5	9.0	21.9	33.2	25.0	10.0	25.0	36.8	28.9	13.3
	+1.0	+1.7	+1.8	+1.9	+2.6	+3.1	+3.3	+2.9	+5.7	+6.7	+7.2	+6.2
담양군	20.2	31.3	22.9	8.5	21.8	32.7	24.4	9.6	25.0	36.4	28.4	12.9
	+1.0	+1.7	+1.8	+2.0	+2.6	+3.1	+3.3	+3.1	+5.8	+6.8	+7.3	+6.4
목포시	18.5	30.1	22.6	8.4	20.0	31.6	24.1	9.6	23.2	34.9	27.7	12.7
	+1.0	+1.6	+1.7	+1.6	+2.5	+3.1	+3.2	+2.8	+5.7	+6.4	+6.8	+5.9
무안군	18.8	30.6	22.6	8.3	20.3	32.0	24.1	9.5	23.4	35.4	27.8	12.6
	+1.1	+1.6	+1.7	+1.6	+2.6	+3.0	+3.2	+2.8	+5.7	+6.4	+6.9	+5.9
보성군	19.7	30.5	23.0	9.1	21.2	31.9	24.5	10.2	24.4	35.5	28.4	13.4
	+0.9	+1.7	+1.8	+1.8	+2.4	+3.1	+3.3	+2.9	+5.6	+6.7	+7.2	+6.1
순천시	20.2	30.9	23.3	9.6	21.7	32.3	24.8	10.7	24.9	35.9	28.7	13.9
	+1.0	+1.7	+1.7	+1.8	+2.5	+3.1	+3.2	+2.9	+5.7	+6.7	+7.1	+6.1
신안군	17.6	29.5	22.1	8.2	19.1	31.0	23.6	9.4	22.3	34.2	27.1	12.5
	+1.1	+1.5	+1.6	+1.5	+2.6	+3.0	+3.1	+2.7	+5.8	+6.2	+6.6	+5.8
여수시	18.6	29.1	22.4	9.5	19.9	30.5	23.9	10.5	23.1	34.0	27.6	13.6
	+1.1	+1.7	+1.6	+1.7	+2.4	+3.1	+3.1	+2.7	+5.6	+6.6	+6.8	+5.8
영광군	18.5	30.4	22.3	7.8	20.0	31.9	23.8	9.0	23.2	35.3	27.5	12.1
	+1.1	+1.6	+1.7	+1.7	+2.6	+3.1	+3.2	+2.9	+5.8	+6.5	+6.9	+6.0
영암군	19.7	31.2	23.3	9.0	21.3	32.6	24.8	10.0	24.4	36.2	28.7	13.3
	+1.0	+1.7	+1.7	+1.8	+2.6	+3.1	+3.2	+2.8	+5.7	+6.7	+7.1	+6.1
완도군	18.3	29.1	22.6	9.3	19.8	30.5	24.0	10.4	23.0	33.8	27.5	13.4
	+1.0	+1.5	+1.5	+1.6	+2.5	+2.9	+2.9	+2.7	+5.7	+6.2	+6.4	+5.7
장성군	20.0	31.4	22.8	8.3	21.6	32.8	24.4	9.4	24.8	36.4	28.3	12.8
	+0.9	+1.7	+1.7	+1.9	+2.5	+3.1	+3.3	+3.0	+5.7	+6.7	+7.2	+6.4
장흥군	19.3	30.1	22.8	9.0	20.8	31.6	24.4	10.1	23.9	35.1	28.1	13.3
	+1.0	+1.6	+1.7	+1.8	+2.5	+3.1	+3.3	+2.9	+5.6	+6.6	+7.0	+6.1
진도군	18.1	29.4	22.4	8.6	19.5	30.8	23.9	9.8	22.8	34.1	27.4	12.9
	+1.1	+1.5	+1.5	+1.5	+2.5	+2.9	+3.0	+2.7	+5.8	+6.2	+6.5	+5.8
함평군	19.2	31.1	22.8	8.4	20.8	32.5	24.4	9.5	23.9	36.0	28.2	12.7
	+1.0	+1.7	+1.7	+1.8	+2.6	+3.1	+3.3	+2.9	+5.7	+6.6	+7.1	+6.1
해남군	18.8	30.0	22.9	8.9	20.3	31.5	24.4	10.1	23.5	34.9	28.1	13.2
	+1.0	+1.6	+1.7	+1.6	+2.5	+3.1	+3.2	+2.8	+5.7	+6.5	+6.9	+5.9
화순군	20.1	31.2	23.0	8.6	21.6	32.7	24.5	9.7	24.8	36.3	28.4	13.0
	+1.0	+1.6	+1.8	+1.8	+2.5	+3.1	+3.3	+2.9	+5.7	+6.7	+7.2	+6.2

3) 연평균 최저기온

- SSP 시나리오에 따른 전라남도 연평균 최저기온은 현재(2000-2019년, 9.2℃) 대비 21세기 중반기에 1.6~2.8℃, 21세기 후반기에 2.2~6.2℃ 상승할 것으로 전망됨.
  - SSP1-2.6 시나리오에서 전라남도 연평균 최저기온은 현재 대비 21세기 중반기에 1.6℃, 후반기에 2.2℃ 상승할 것으로 전망됨.
  - SSP2-4.5 시나리오에서 전라남도 연평균 최저기온은 현재 대비 21세기 중반기에 2.1℃, 후반기에 3.5℃ 상승할 것으로 전망됨.
  - SSP3-7.0 시나리오에서 전라남도 연평균 최저기온은 현재 대비 21세기 중반기에 2.6℃, 후반기에 5.3℃ 상승할 것으로 전망됨.
  - SSP5-8.5 시나리오에서 전라남도 연평균 최저기온은 현재 대비 21세기 중반기에 2.8℃, 후반기에 6.2℃ 상승할 것으로 전망됨.
- SSP5-8.5 시나리오에서 현재 대비 21세기 후반기 전라남도 연평균 최저기온 상승폭(+6.2℃)은 SSP1-2.6 시나리오에서의 상승폭(+2.2℃)보다 4.0℃ 크게 나타남.
- 현재(2000-2019년) 전라남도 연평균 최저기온(9.2℃)은 우리나라 평균(7.8℃)보다 1.4℃ 높으며 SSP5-8.5에서 21세기 후반기 전라남도 연평균 최저기온 상승폭(+6.2℃)은 우리나라 평균 상승폭(+6.4℃)보다 낮게 나타남.

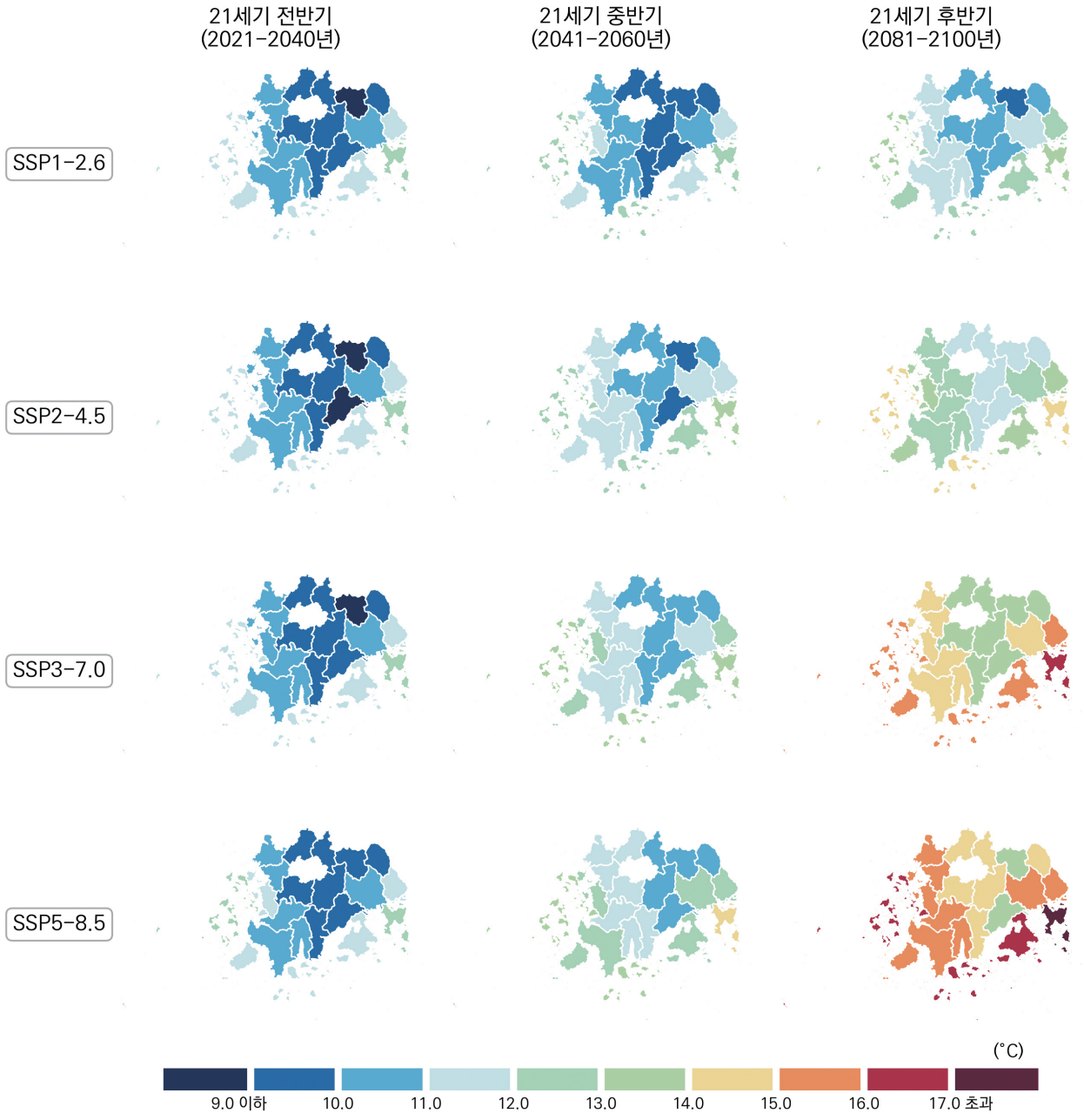


그림 4-11. 전라남도의 연평균 최저기온(℃) 전망 분포도

표 4-17. 전라남도의 연평균 최저기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	9.2	10.2	10.6	10.8	10.8	11.2	11.2	11.4	11.5	10.4	10.8	11.4
		+1.0	+1.4	+1.6	+1.6	+2.0	+2.0	+2.2	+2.3	+1.2	+1.6	+2.2
강진군	9.0	10.1	10.4	10.5	10.6	11.0	11.0	11.2	11.3	10.2	10.6	11.2
		+1.1	+1.4	+1.5	+1.6	+2.0	+2.0	+2.2	+2.3	+1.2	+1.6	+2.2
고흥군	10.1	11.1	11.5	11.6	11.7	12.0	12.1	12.3	12.3	11.3	11.6	12.3
		+1.0	+1.4	+1.5	+1.6	+1.9	+2.0	+2.2	+2.2	+1.2	+1.5	+2.2
곡성군	7.7	8.8	9.2	9.2	9.3	9.7	9.7	9.9	10.0	9.0	9.3	10.0
		+1.1	+1.5	+1.5	+1.6	+2.0	+2.0	+2.2	+2.3	+1.3	+1.6	+2.3
광양시	9.9	11.0	11.4	11.5	11.5	11.8	11.9	12.1	12.2	11.2	11.5	12.2
		+1.1	+1.5	+1.6	+1.6	+1.9	+2.0	+2.2	+2.3	+1.3	+1.6	+2.3
구례군	8.0	9.0	9.4	9.5	9.6	9.9	10.0	10.2	10.2	9.2	9.6	10.2
		+1.0	+1.4	+1.5	+1.6	+1.9	+2.0	+2.2	+2.2	+1.2	+1.6	+2.2
나주시	8.6	9.7	10.0	10.1	10.2	10.6	10.6	10.8	10.9	9.9	10.2	10.8
		+1.1	+1.4	+1.5	+1.6	+2.0	+2.0	+2.2	+2.3	+1.3	+1.6	+2.2
담양군	8.0	9.1	9.4	9.5	9.6	10.0	10.0	10.2	10.3	9.3	9.6	10.3
		+1.1	+1.4	+1.5	+1.6	+2.0	+2.0	+2.2	+2.3	+1.3	+1.6	+2.3
목포시	10.3	11.3	11.8	11.9	11.9	12.3	12.4	12.6	12.6	11.6	11.9	12.6
		+1.0	+1.5	+1.6	+1.6	+2.0	+2.1	+2.3	+2.3	+1.3	+1.6	+2.3
무안군	9.7	10.8	11.2	11.3	11.4	11.8	11.8	12.0	12.0	11.0	11.3	12.0
		+1.1	+1.5	+1.6	+1.7	+2.1	+2.1	+2.3	+2.3	+1.3	+1.6	+2.3
보성군	7.9	8.9	9.3	9.4	9.5	9.8	9.9	10.1	10.2	9.1	9.5	10.1
		+1.0	+1.4	+1.5	+1.6	+1.9	+2.0	+2.2	+2.3	+1.2	+1.6	+2.2
순천시	9.3	10.4	10.8	10.9	11.0	11.3	11.4	11.5	11.6	10.6	10.9	11.6
		+1.1	+1.5	+1.6	+1.7	+2.0	+2.1	+2.2	+2.3	+1.3	+1.6	+2.3
신안군	10.7	11.8	12.2	12.3	12.3	12.8	12.8	13.1	13.1	12.0	12.3	13.1
		+1.1	+1.5	+1.6	+1.6	+2.1	+2.1	+2.4	+2.4	+1.3	+1.6	+2.4
여수시	11.3	12.3	12.7	12.9	12.9	13.2	13.3	13.5	13.6	12.5	12.9	13.5
		+1.0	+1.4	+1.6	+1.6	+1.9	+2.0	+2.2	+2.3	+1.2	+1.6	+2.2
영광군	9.1	10.2	10.6	10.8	10.8	11.2	11.3	11.5	11.5	10.4	10.8	11.5
		+1.1	+1.5	+1.7	+1.7	+2.1	+2.2	+2.4	+2.4	+1.3	+1.7	+2.4
영암군	8.9	10.0	10.4	10.5	10.6	10.9	11.0	11.2	11.2	10.2	10.5	11.2
		+1.1	+1.5	+1.6	+1.7	+2.0	+2.1	+2.3	+2.3	+1.3	+1.6	+2.3
완도군	10.6	11.7	12.1	12.2	12.2	12.7	12.7	12.9	13.0	11.9	12.2	12.9
		+1.1	+1.5	+1.6	+1.6	+2.1	+2.1	+2.3	+2.4	+1.3	+1.6	+2.3
장성군	8.2	9.3	9.7	9.8	9.9	10.2	10.3	10.5	10.5	9.5	9.8	10.5
		+1.1	+1.5	+1.6	+1.7	+2.0	+2.1	+2.3	+2.3	+1.3	+1.6	+2.3
장흥군	8.4	9.4	9.8	9.9	10.0	10.4	10.4	10.6	10.7	9.6	10.0	10.6
		+1.0	+1.4	+1.5	+1.6	+2.0	+2.0	+2.2	+2.3	+1.2	+1.6	+2.2
진도군	9.9	10.9	11.3	11.5	11.5	11.9	12.0	12.2	12.2	11.1	11.5	12.2
		+1.0	+1.4	+1.6	+1.6	+2.0	+2.1	+2.3	+2.3	+1.2	+1.6	+2.3
함평군	8.9	10.0	10.4	10.5	10.6	11.0	11.0	11.2	11.2	10.2	10.6	11.2
		+1.1	+1.5	+1.6	+1.7	+2.1	+2.1	+2.3	+2.3	+1.3	+1.7	+2.3
해남군	9.3	10.3	10.7	10.9	10.9	11.3	11.3	11.5	11.6	10.5	10.9	11.6
		+1.0	+1.4	+1.6	+1.6	+2.0	+2.0	+2.2	+2.3	+1.2	+1.6	+2.3
화순군	8.0	9.0	9.4	9.5	9.6	9.9	10.0	10.2	10.2	9.2	9.6	10.2
		+1.0	+1.4	+1.5	+1.6	+1.9	+2.0	+2.2	+2.2	+1.2	+1.6	+2.2

표 4-18. 전라남도의 연평균 최저기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	9.2	10.3	10.4	11.1	11.5	12.0	12.1	12.6	12.7	10.4	11.3	12.7
		+1.1	+1.2	+1.9	+2.3	+2.8	+2.9	+3.4	+3.5	+1.2	+2.1	+3.5
강진군	9.0	10.1	10.2	10.9	11.3	11.8	11.9	12.4	12.5	10.2	11.1	12.4
		+1.1	+1.2	+1.9	+2.3	+2.8	+2.9	+3.4	+3.5	+1.2	+2.1	+3.4
고흥군	10.1	11.2	11.3	12.0	12.3	12.9	12.9	13.4	13.5	11.2	12.2	13.5
		+1.1	+1.2	+1.9	+2.2	+2.8	+2.8	+3.3	+3.4	+1.1	+2.1	+3.4
곡성군	7.7	8.8	8.9	9.7	10.0	10.6	10.6	11.1	11.3	8.9	9.9	11.2
		+1.1	+1.2	+2.0	+2.3	+2.9	+2.9	+3.4	+3.6	+1.2	+2.2	+3.5
광양시	9.9	11.0	11.1	11.9	12.2	12.8	12.8	13.3	13.4	11.1	12.0	13.4
		+1.1	+1.2	+2.0	+2.3	+2.9	+2.9	+3.4	+3.5	+1.2	+2.1	+3.5
구례군	8.0	9.1	9.1	10.0	10.3	10.8	10.9	11.4	11.5	9.1	10.1	11.5
		+1.1	+1.1	+2.0	+2.3	+2.8	+2.9	+3.4	+3.5	+1.1	+2.1	+3.5
나주시	8.6	9.7	9.8	10.6	10.9	11.5	11.5	12.0	12.1	9.8	10.7	12.1
		+1.1	+1.2	+2.0	+2.3	+2.9	+2.9	+3.4	+3.5	+1.2	+2.1	+3.5
담양군	8.0	9.1	9.2	10.0	10.3	10.9	10.9	11.4	11.6	9.2	10.1	11.5
		+1.1	+1.2	+2.0	+2.3	+2.9	+2.9	+3.4	+3.6	+1.2	+2.1	+3.5
목포시	10.3	11.5	11.6	12.3	12.6	13.2	13.2	13.8	13.9	11.5	12.4	13.8
		+1.2	+1.3	+2.0	+2.3	+2.9	+2.9	+3.5	+3.6	+1.2	+2.1	+3.5
무안군	9.7	10.9	11.0	11.7	12.0	12.6	12.7	13.2	13.3	10.9	11.9	13.3
		+1.2	+1.3	+2.0	+2.3	+2.9	+3.0	+3.5	+3.6	+1.2	+2.2	+3.6
보성군	7.9	9.0	9.1	9.8	10.2	10.7	10.7	11.3	11.4	9.0	10.0	11.3
		+1.1	+1.2	+1.9	+2.3	+2.8	+2.8	+3.4	+3.5	+1.1	+2.1	+3.4
순천시	9.3	10.5	10.5	11.3	11.7	12.2	12.2	12.8	12.9	10.5	11.5	12.8
		+1.2	+1.2	+2.0	+2.4	+2.9	+2.9	+3.5	+3.6	+1.2	+2.2	+3.5
신안군	10.7	11.9	12.0	12.7	13.0	13.6	13.7	14.2	14.4	11.9	12.9	14.3
		+1.2	+1.3	+2.0	+2.3	+2.9	+3.0	+3.5	+3.7	+1.2	+2.2	+3.6
여수시	11.3	12.4	12.5	13.2	13.6	14.1	14.1	14.7	14.8	12.5	13.4	14.7
		+1.1	+1.2	+1.9	+2.3	+2.8	+2.8	+3.4	+3.5	+1.2	+2.1	+3.4
영광군	9.1	10.3	10.4	11.2	11.5	12.0	12.1	12.7	12.8	10.4	11.3	12.7
		+1.2	+1.3	+2.1	+2.4	+2.9	+3.0	+3.6	+3.7	+1.3	+2.2	+3.6
영암군	8.9	10.1	10.2	10.9	11.3	11.8	11.8	12.4	12.5	10.1	11.1	12.4
		+1.2	+1.3	+2.0	+2.4	+2.9	+2.9	+3.5	+3.6	+1.2	+2.2	+3.5
완도군	10.6	11.8	11.9	12.6	12.9	13.5	13.5	14.1	14.2	11.9	12.7	14.1
		+1.2	+1.3	+2.0	+2.3	+2.9	+2.9	+3.5	+3.6	+1.3	+2.1	+3.5
장성군	8.2	9.4	9.5	10.2	10.6	11.1	11.1	11.7	11.8	9.4	10.4	11.7
		+1.2	+1.3	+2.0	+2.4	+2.9	+2.9	+3.5	+3.6	+1.2	+2.2	+3.5
장흥군	8.4	9.5	9.6	10.3	10.7	11.2	11.2	11.8	11.9	9.5	10.5	11.8
		+1.1	+1.2	+1.9	+2.3	+2.8	+2.8	+3.4	+3.5	+1.1	+2.1	+3.4
진도군	9.9	11.1	11.1	11.8	12.2	12.7	12.8	13.3	13.5	11.1	12.0	13.4
		+1.2	+1.2	+1.9	+2.3	+2.8	+2.9	+3.4	+3.6	+1.2	+2.1	+3.5
함평군	8.9	10.1	10.2	10.9	11.3	11.8	11.8	12.4	12.5	10.1	11.1	12.5
		+1.2	+1.3	+2.0	+2.4	+2.9	+2.9	+3.5	+3.6	+1.2	+2.2	+3.6
해남군	9.3	10.4	10.5	11.2	11.6	12.1	12.2	12.7	12.8	10.5	11.4	12.8
		+1.1	+1.2	+1.9	+2.3	+2.8	+2.9	+3.4	+3.5	+1.2	+2.1	+3.5
화순군	8.0	9.1	9.2	9.9	10.3	10.8	10.8	11.4	11.5	9.1	10.1	11.5
		+1.1	+1.2	+1.9	+2.3	+2.8	+2.8	+3.4	+3.5	+1.1	+2.1	+3.5

표 4-19. 전라남도의 연평균 최저기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	9.2	10.1	10.9	11.4	12.1	12.8	13.2	14.1	14.8	10.5	11.8	14.5
		+0.9	+1.7	+2.2	+2.9	+3.6	+4.0	+4.9	+5.6	+1.3	+2.6	+5.3
강진군	9.0	9.9	10.6	11.2	11.9	12.6	13.0	13.9	14.6	10.3	11.5	14.2
		+0.9	+1.6	+2.2	+2.9	+3.6	+4.0	+4.9	+5.6	+1.3	+2.5	+5.2
고흥군	10.1	10.9	11.7	12.3	12.9	13.6	14.0	14.9	15.6	11.3	12.6	15.2
		+0.8	+1.6	+2.2	+2.8	+3.5	+3.9	+4.8	+5.5	+1.2	+2.5	+5.1
곡성군	7.7	8.6	9.4	10.0	10.7	11.4	11.8	12.7	13.4	9.0	10.3	13.1
		+0.9	+1.7	+2.3	+3.0	+3.7	+4.1	+5.0	+5.7	+1.3	+2.6	+5.4
광양시	9.9	10.8	11.6	12.2	12.8	13.5	14.0	14.8	15.5	11.2	12.5	15.2
		+0.9	+1.7	+2.3	+2.9	+3.6	+4.1	+4.9	+5.6	+1.3	+2.6	+5.3
구례군	8.0	8.9	9.7	10.2	10.9	11.7	12.1	12.9	13.7	9.3	10.6	13.3
		+0.9	+1.7	+2.2	+2.9	+3.7	+4.1	+4.9	+5.7	+1.3	+2.6	+5.3
나주시	8.6	9.5	10.3	10.9	11.5	12.3	12.7	13.6	14.3	9.9	11.2	13.9
		+0.9	+1.7	+2.3	+2.9	+3.7	+4.1	+5.0	+5.7	+1.3	+2.6	+5.3
담양군	8.0	8.9	9.7	10.3	10.9	11.7	12.1	13.0	13.7	9.3	10.6	13.4
		+0.9	+1.7	+2.3	+2.9	+3.7	+4.1	+5.0	+5.7	+1.3	+2.6	+5.4
목포시	10.3	11.1	11.9	12.6	13.2	13.9	14.3	15.2	15.9	11.5	12.9	15.6
		+0.8	+1.6	+2.3	+2.9	+3.6	+4.0	+4.9	+5.6	+1.2	+2.6	+5.3
무안군	9.7	10.6	11.4	12.0	12.6	13.4	13.8	14.7	15.4	11.0	12.3	15.0
		+0.9	+1.7	+2.3	+2.9	+3.7	+4.1	+5.0	+5.7	+1.3	+2.6	+5.3
보성군	7.9	8.8	9.6	10.1	10.8	11.6	12.0	12.8	13.5	9.2	10.4	13.2
		+0.9	+1.7	+2.2	+2.9	+3.7	+4.1	+4.9	+5.6	+1.3	+2.5	+5.3
순천시	9.3	10.3	11.0	11.6	12.2	13.0	13.4	14.3	15.0	10.6	11.9	14.6
		+1.0	+1.7	+2.3	+2.9	+3.7	+4.1	+5.0	+5.7	+1.3	+2.6	+5.3
신안군	10.7	11.5	12.3	13.0	13.6	14.3	14.7	15.7	16.3	11.9	13.3	16.0
		+0.8	+1.6	+2.3	+2.9	+3.6	+4.0	+5.0	+5.6	+1.2	+2.6	+5.3
여수시	11.3	12.2	13.0	13.6	14.1	14.9	15.3	16.1	16.9	12.6	13.9	16.5
		+0.9	+1.7	+2.3	+2.8	+3.6	+4.0	+4.8	+5.6	+1.3	+2.6	+5.2
영광군	9.1	10.0	10.8	11.4	12.1	12.8	13.2	14.2	14.9	10.4	11.7	14.5
		+0.9	+1.7	+2.3	+3.0	+3.7	+4.1	+5.1	+5.8	+1.3	+2.6	+5.4
영암군	8.9	9.8	10.6	11.2	11.8	12.6	13.0	13.9	14.5	10.2	11.5	14.2
		+0.9	+1.7	+2.3	+2.9	+3.7	+4.1	+5.0	+5.6	+1.3	+2.6	+5.3
완도군	10.6	11.5	12.3	12.9	13.5	14.2	14.6	15.5	16.2	11.9	13.2	15.8
		+0.9	+1.7	+2.3	+2.9	+3.6	+4.0	+4.9	+5.6	+1.3	+2.6	+5.2
장성군	8.2	9.1	9.9	10.5	11.2	11.9	12.3	13.3	13.9	9.5	10.8	13.6
		+0.9	+1.7	+2.3	+3.0	+3.7	+4.1	+5.1	+5.7	+1.3	+2.6	+5.4
장흥군	8.4	9.2	10.1	10.6	11.2	12.0	12.4	13.3	14.0	9.6	10.9	13.6
		+0.8	+1.7	+2.2	+2.8	+3.6	+4.0	+4.9	+5.6	+1.2	+2.5	+5.2
진도군	9.9	10.7	11.5	12.1	12.7	13.4	13.8	14.7	15.4	11.1	12.4	15.1
		+0.8	+1.6	+2.2	+2.8	+3.5	+3.9	+4.8	+5.5	+1.2	+2.5	+5.2
함평군	8.9	9.8	10.6	11.2	11.8	12.6	13.0	13.9	14.6	10.2	11.5	14.3
		+0.9	+1.7	+2.3	+2.9	+3.7	+4.1	+5.0	+5.7	+1.3	+2.6	+5.4
해남군	9.3	10.1	10.9	11.5	12.2	12.9	13.3	14.2	14.9	10.5	11.8	14.5
		+0.8	+1.6	+2.2	+2.9	+3.6	+4.0	+4.9	+5.6	+1.2	+2.5	+5.2
화순군	8.0	8.9	9.7	10.2	10.9	11.7	12.1	13.0	13.7	9.3	10.6	13.3
		+0.9	+1.7	+2.2	+2.9	+3.7	+4.1	+5.0	+5.7	+1.3	+2.6	+5.3

표 4-20. 전라남도의 연평균 최저기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	9.2	10.3	10.8	11.7	12.2	13.3	14.0	15.0	15.8	10.5	12.0	15.4
		+1.1	+1.6	+2.5	+3.0	+4.1	+4.8	+5.8	+6.6	+1.3	+2.8	+6.2
강진군	9.0	10.1	10.6	11.5	12.0	13.0	13.8	14.7	15.5	10.3	11.8	15.1
		+1.1	+1.6	+2.5	+3.0	+4.0	+4.8	+5.7	+6.5	+1.3	+2.8	+6.1
고흥군	10.1	11.2	11.7	12.6	13.1	14.1	14.8	15.7	16.5	11.4	12.8	16.1
		+1.1	+1.6	+2.5	+3.0	+4.0	+4.7	+5.6	+6.4	+1.3	+2.7	+6.0
곡성군	7.7	8.8	9.3	10.3	10.8	11.8	12.6	13.5	14.4	9.1	10.5	14.0
		+1.1	+1.6	+2.6	+3.1	+4.1	+4.9	+5.8	+6.7	+1.4	+2.8	+6.3
광양시	9.9	11.1	11.5	12.5	12.9	14.0	14.7	15.6	16.4	11.3	12.7	16.0
		+1.2	+1.6	+2.6	+3.0	+4.1	+4.8	+5.7	+6.5	+1.4	+2.8	+6.1
구례군	8.0	9.1	9.6	10.5	11.0	12.1	12.9	13.8	14.6	9.3	10.8	14.2
		+1.1	+1.6	+2.5	+3.0	+4.1	+4.9	+5.8	+6.6	+1.3	+2.8	+6.2
나주시	8.6	9.7	10.2	11.2	11.7	12.7	13.5	14.4	15.2	9.9	11.4	14.8
		+1.1	+1.6	+2.6	+3.1	+4.1	+4.9	+5.8	+6.6	+1.3	+2.8	+6.2
담양군	8.0	9.1	9.6	10.6	11.1	12.1	12.9	13.9	14.7	9.4	10.8	14.3
		+1.1	+1.6	+2.6	+3.1	+4.1	+4.9	+5.9	+6.7	+1.4	+2.8	+6.3
목포시	10.3	11.4	11.9	12.8	13.4	14.4	15.1	16.1	16.9	11.7	13.1	16.5
		+1.1	+1.6	+2.5	+3.1	+4.1	+4.8	+5.8	+6.6	+1.4	+2.8	+6.2
무안군	9.7	10.9	11.4	12.3	12.8	13.8	14.6	15.6	16.4	11.1	12.6	16.0
		+1.2	+1.7	+2.6	+3.1	+4.1	+4.9	+5.9	+6.7	+1.4	+2.9	+6.3
보성군	7.9	9.0	9.5	10.4	10.9	12.0	12.7	13.6	14.4	9.2	10.7	14.0
		+1.1	+1.6	+2.5	+3.0	+4.1	+4.8	+5.7	+6.5	+1.3	+2.8	+6.1
순천시	9.3	10.5	11.0	11.9	12.4	13.4	14.2	15.1	15.9	10.7	12.2	15.5
		+1.2	+1.7	+2.6	+3.1	+4.1	+4.9	+5.8	+6.6	+1.4	+2.9	+6.2
신안군	10.7	11.9	12.3	13.3	13.8	14.8	15.6	16.6	17.4	12.1	13.5	17.0
		+1.2	+1.6	+2.6	+3.1	+4.1	+4.9	+5.9	+6.7	+1.4	+2.8	+6.3
여수시	11.3	12.5	12.9	13.8	14.3	15.4	16.0	17.0	17.7	12.7	14.1	17.3
		+1.2	+1.6	+2.5	+3.0	+4.1	+4.7	+5.7	+6.4	+1.4	+2.8	+6.0
영광군	9.1	10.3	10.8	11.7	12.3	13.3	14.1	15.1	15.9	10.5	12.0	15.5
		+1.2	+1.7	+2.6	+3.2	+4.2	+5.0	+6.0	+6.8	+1.4	+2.9	+6.4
영암군	8.9	10.0	10.5	11.5	12.0	13.0	13.8	14.7	15.5	10.3	11.7	15.1
		+1.1	+1.6	+2.6	+3.1	+4.1	+4.9	+5.8	+6.6	+1.4	+2.8	+6.2
완도군	10.6	11.8	12.3	13.2	13.7	14.7	15.4	16.4	17.1	12.0	13.4	16.8
		+1.2	+1.7	+2.6	+3.1	+4.1	+4.8	+5.8	+6.5	+1.4	+2.8	+6.2
장성군	8.2	9.4	9.8	10.8	11.4	12.4	13.1	14.1	14.9	9.6	11.1	14.5
		+1.2	+1.6	+2.6	+3.2	+4.2	+4.9	+5.9	+6.7	+1.4	+2.9	+6.3
장흥군	8.4	9.5	10.0	10.9	11.4	12.5	13.2	14.1	14.9	9.7	11.2	14.5
		+1.1	+1.6	+2.5	+3.0	+4.1	+4.8	+5.7	+6.5	+1.3	+2.8	+6.1
진도군	9.9	11.0	11.5	12.4	12.9	13.9	14.6	15.6	16.4	11.2	12.7	16.0
		+1.1	+1.6	+2.5	+3.0	+4.0	+4.7	+5.7	+6.5	+1.3	+2.8	+6.1
함평군	8.9	10.1	10.6	11.5	12.0	13.0	13.8	14.8	15.6	10.3	11.8	15.2
		+1.2	+1.7	+2.6	+3.1	+4.1	+4.9	+5.9	+6.7	+1.4	+2.9	+6.3
해남군	9.3	10.4	10.9	11.8	12.3	13.4	14.1	15.1	15.8	10.6	12.1	15.5
		+1.1	+1.6	+2.5	+3.0	+4.1	+4.8	+5.8	+6.5	+1.3	+2.8	+6.2
화순군	8.0	9.1	9.6	10.5	11.0	12.1	12.8	13.8	14.6	9.3	10.8	14.2
		+1.1	+1.6	+2.5	+3.0	+4.1	+4.8	+5.8	+6.6	+1.3	+2.8	+6.2

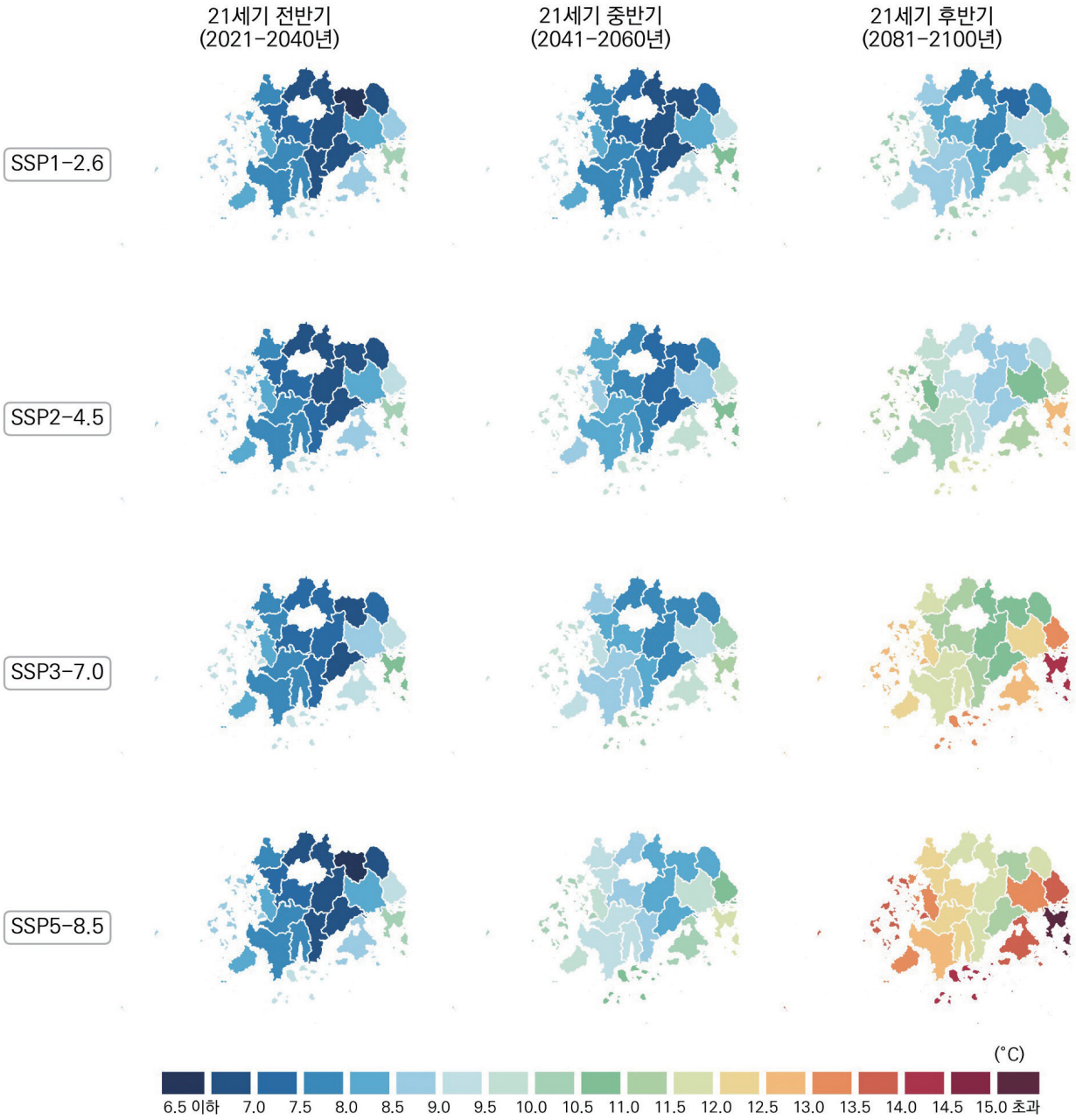


그림 4-12. 전라남도의 봄철 연평균 최저기온(℃) 전망 분포도

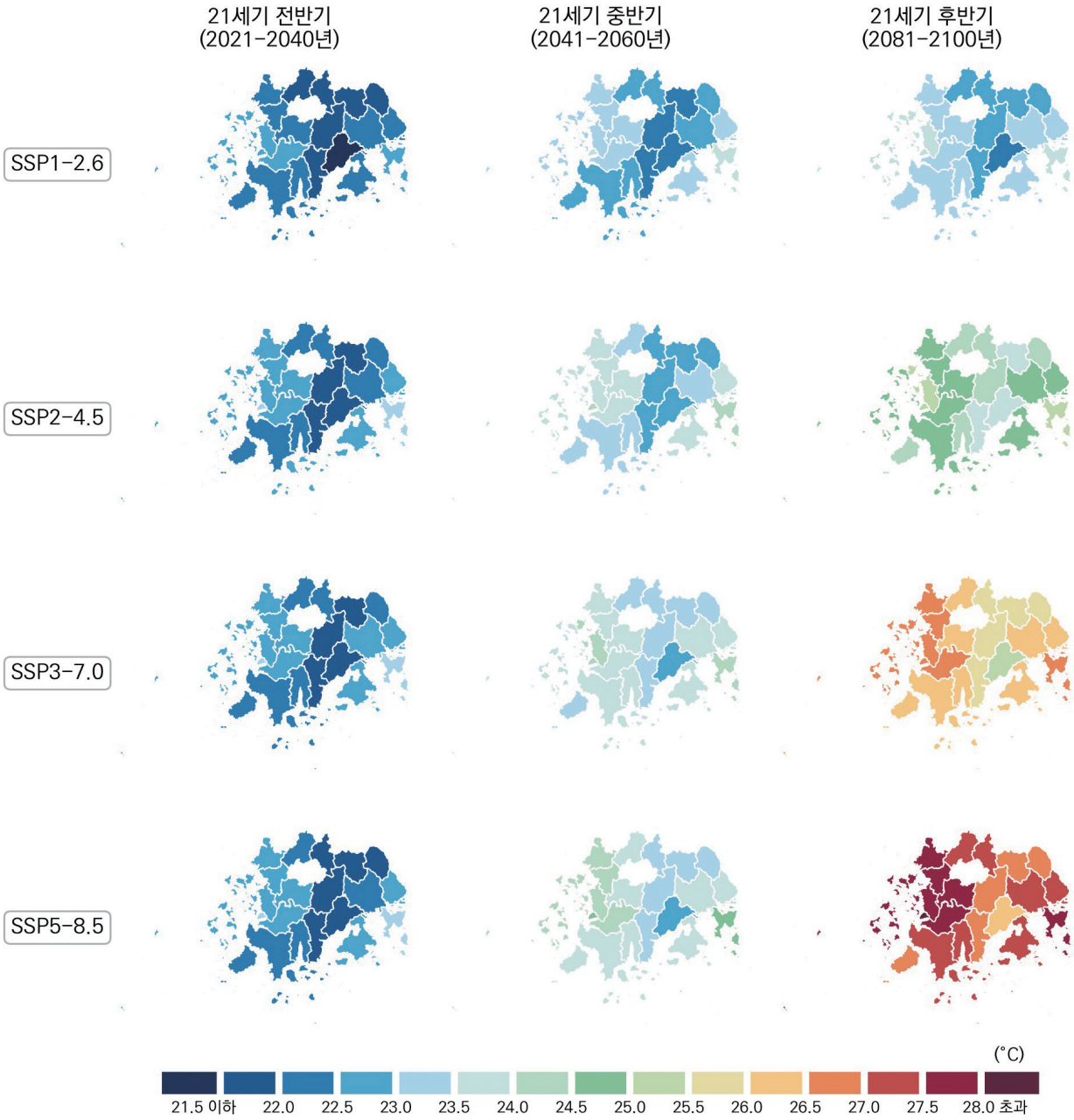


그림 4-13. 전라남도의 여름철 연평균 최저기온(℃) 전망 분포도

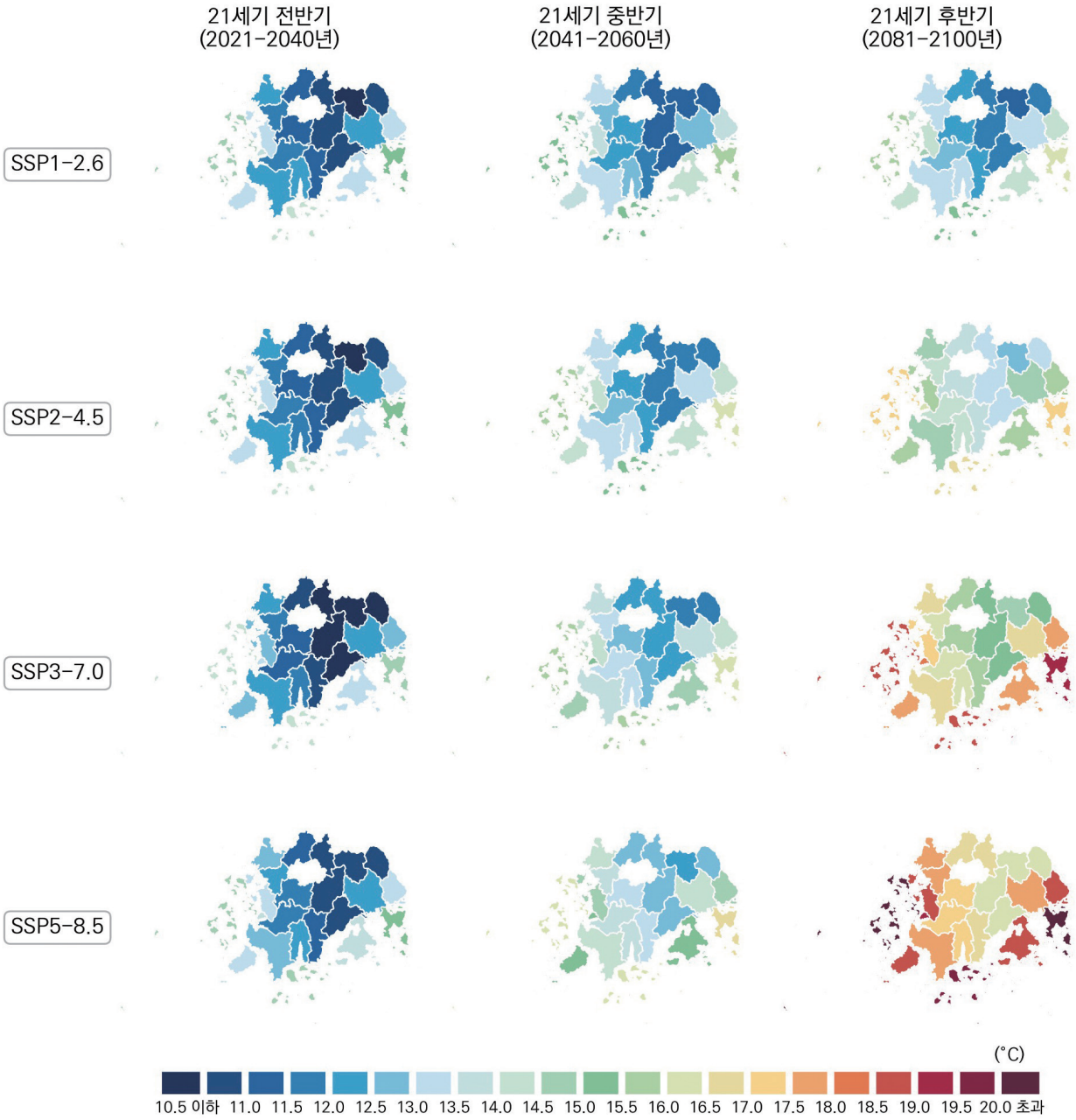


그림 4-14. 전라남도의 가을철 연평균 최저기온(℃) 전망 분포도

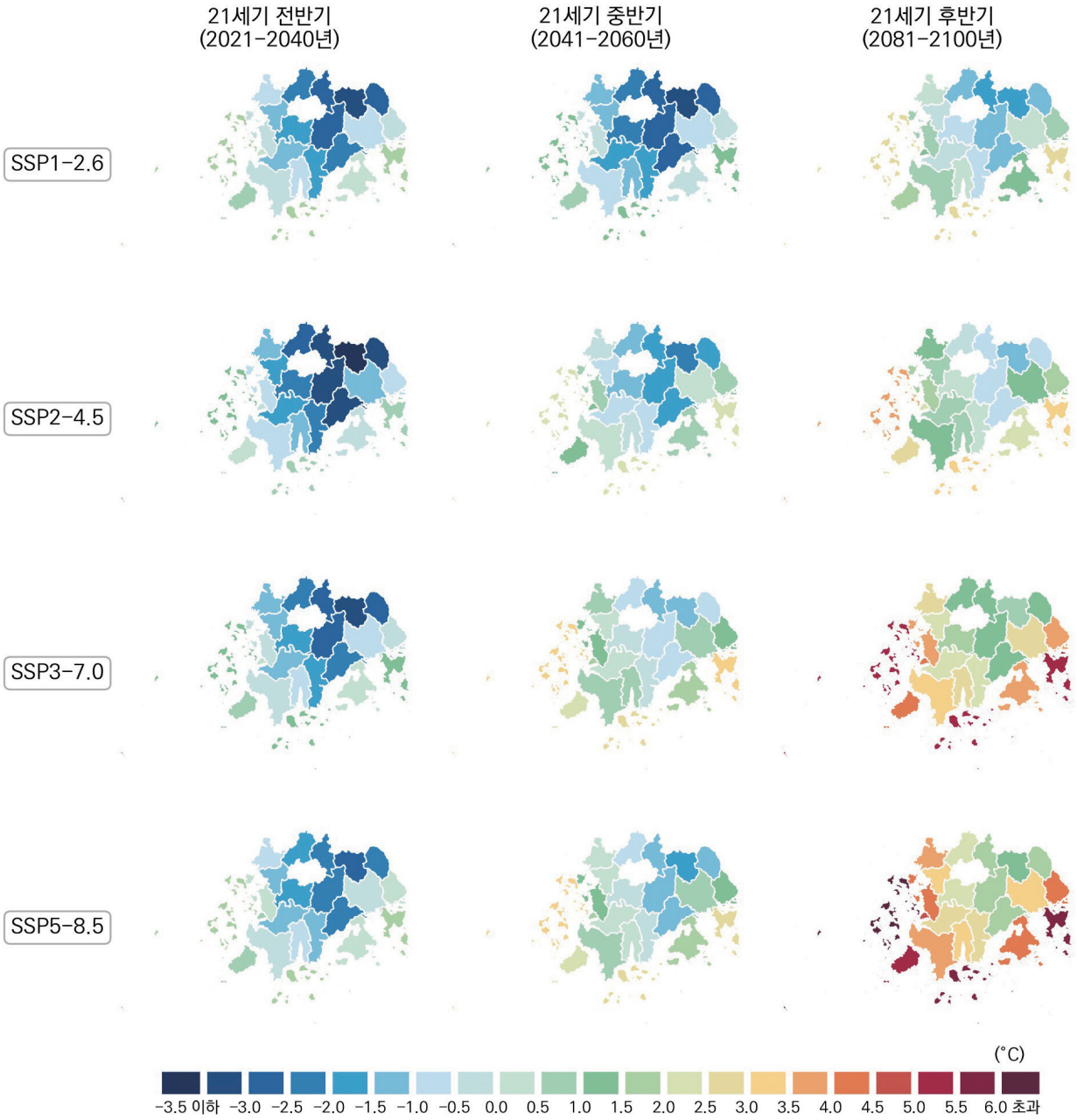


그림 4-15. 전라남도의 겨울철 연평균 최저기온(℃) 전망 분포도

표 4-21. 전라남도의 계절별 최저기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP1-2.6)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	7.9	22.3	12.4	-0.8	8.0	23.0	13.0	-1.0	8.9	23.2	13.4	0.3
	+1.0	+1.4	+1.4	+1.3	+1.1	+2.1	+2.0	+1.1	+2.0	+2.3	+2.4	+2.4
강진군	7.6	22.2	12.1	-0.9	7.8	22.9	12.6	-1.1	8.7	23.1	13.1	0.2
	+1.0	+1.4	+1.4	+1.2	+1.2	+2.1	+1.9	+1.0	+2.1	+2.3	+2.4	+2.3
고흥군	9.0	22.5	13.5	0.2	9.1	23.2	14.1	0.0	10.0	23.4	14.5	1.3
	+1.1	+1.4	+1.4	+1.2	+1.2	+2.1	+2.0	+1.0	+2.1	+2.3	+2.4	+2.3
곡성군	6.5	21.7	10.5	-3.0	6.7	22.5	11.1	-3.2	7.5	22.6	11.5	-1.8
	+0.9	+1.4	+1.4	+1.3	+1.1	+2.2	+2.0	+1.1	+1.9	+2.3	+2.4	+2.5
광양시	9.0	22.5	13.3	-0.1	9.2	23.2	13.9	-0.3	10.1	23.4	14.2	1.0
	+0.9	+1.4	+1.5	+1.3	+1.1	+2.1	+2.1	+1.1	+2.0	+2.3	+2.4	+2.4
구례군	6.9	21.8	10.8	-2.6	7.1	22.6	11.4	-2.8	7.9	22.7	11.8	-1.4
	+1.0	+1.4	+1.5	+1.3	+1.2	+2.2	+2.1	+1.1	+2.0	+2.3	+2.5	+2.5
나주시	7.3	22.5	11.5	-1.8	7.4	23.2	12.1	-2.0	8.3	23.4	12.5	-0.7
	+1.0	+1.4	+1.4	+1.3	+1.1	+2.1	+2.0	+1.1	+2.0	+2.3	+2.4	+2.4
담양군	6.8	21.9	10.9	-2.5	6.9	22.6	11.5	-2.8	7.7	22.8	11.9	-1.5
	+1.0	+1.4	+1.4	+1.4	+1.1	+2.1	+2.0	+1.1	+1.9	+2.3	+2.4	+2.4
목포시	9.0	23.0	13.9	0.4	9.1	23.8	14.5	0.3	10.1	24.0	14.9	1.5
	+1.1	+1.4	+1.4	+1.3	+1.2	+2.2	+2.0	+1.2	+2.2	+2.4	+2.4	+2.4
무안군	8.3	22.8	13.1	-0.2	8.4	23.5	13.8	-0.3	9.4	23.7	14.2	0.9
	+1.1	+1.4	+1.4	+1.3	+1.2	+2.1	+2.1	+1.2	+2.2	+2.3	+2.5	+2.4
보성군	6.6	21.5	10.8	-2.4	6.7	22.2	11.4	-2.6	7.6	22.4	11.8	-1.3
	+1.0	+1.4	+1.4	+1.2	+1.1	+2.1	+2.0	+1.0	+2.0	+2.3	+2.4	+2.3
순천시	8.4	22.3	12.4	-0.7	8.5	23.0	13.0	-0.9	9.4	23.2	13.5	0.4
	+1.0	+1.4	+1.4	+1.3	+1.1	+2.1	+2.0	+1.1	+2.0	+2.3	+2.5	+2.4
신안군	9.0	22.6	14.8	1.6	9.1	23.3	15.4	1.4	10.1	23.6	15.9	2.7
	+1.2	+1.4	+1.4	+1.4	+1.3	+2.1	+2.0	+1.2	+2.3	+2.4	+2.5	+2.5
여수시	10.4	23.0	15.2	1.6	10.6	23.7	15.8	1.4	11.5	23.9	16.2	2.6
	+1.0	+1.4	+1.4	+1.2	+1.2	+2.1	+2.0	+1.0	+2.1	+2.3	+2.4	+2.2
영광군	7.7	22.5	12.5	-0.9	7.8	23.3	13.1	-1.1	8.8	23.5	13.5	0.1
	+1.1	+1.4	+1.5	+1.4	+1.2	+2.2	+2.1	+1.2	+2.2	+2.4	+2.5	+2.4
영암군	7.6	22.6	11.9	-1.3	7.7	23.4	12.5	-1.5	8.6	23.5	12.9	-0.2
	+1.0	+1.4	+1.4	+1.3	+1.1	+2.2	+2.0	+1.1	+2.0	+2.3	+2.4	+2.4
완도군	9.4	22.3	14.5	1.6	9.5	23.0	15.1	1.3	10.5	23.2	15.5	2.6
	+1.2	+1.4	+1.4	+1.4	+1.3	+2.1	+2.0	+1.1	+2.3	+2.3	+2.4	+2.4
장성군	7.0	22.0	11.2	-2.2	7.1	22.8	11.8	-2.4	7.9	22.9	12.2	-1.1
	+1.0	+1.4	+1.4	+1.3	+1.1	+2.2	+2.0	+1.1	+1.9	+2.3	+2.4	+2.4
장흥군	7.0	21.7	11.4	-1.6	7.2	22.4	12.0	-1.8	8.1	22.6	12.4	-0.5
	+1.0	+1.4	+1.4	+1.3	+1.2	+2.1	+2.0	+1.1	+2.1	+2.3	+2.4	+2.4
진도군	8.3	22.1	13.4	0.7	8.4	22.8	14.0	0.6	9.4	23.1	14.5	1.8
	+1.1	+1.3	+1.4	+1.3	+1.2	+2.0	+2.0	+1.2	+2.2	+2.3	+2.5	+2.4
함평군	7.5	22.5	12.0	-1.2	7.6	23.3	12.7	-1.4	8.5	23.5	13.1	-0.2
	+1.0	+1.4	+1.4	+1.3	+1.1	+2.2	+2.1	+1.1	+2.0	+2.4	+2.5	+2.3
해남군	7.8	22.3	12.5	-0.4	8.0	23.0	13.1	-0.6	8.9	23.2	13.5	0.6
	+1.0	+1.4	+1.4	+1.3	+1.2	+2.1	+2.0	+1.1	+2.1	+2.3	+2.4	+2.3
화순군	6.7	21.7	10.9	-2.5	6.9	22.5	11.5	-2.7	7.7	22.6	11.9	-1.4
	+0.9	+1.3	+1.4	+1.3	+1.1	+2.1	+2.0	+1.1	+1.9	+2.2	+2.4	+2.4

표 4-22. 전라남도의 계절별 최저기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP2-4.5)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	7.9	22.5	12.4	-1.4	8.5	23.4	13.4	-0.1	10.1	24.6	14.8	1.1
	+1.0	+1.6	+1.4	+0.7	+1.6	+2.5	+2.4	+2.0	+3.2	+3.7	+3.8	+3.2
강진군	7.7	22.4	12.0	-1.4	8.3	23.3	13.1	-0.1	9.9	24.5	14.4	1.0
	+1.1	+1.6	+1.3	+0.7	+1.7	+2.5	+2.4	+2.0	+3.3	+3.7	+3.7	+3.1
고흥군	9.0	22.7	13.5	-0.3	9.6	23.6	14.5	1.0	11.2	24.8	15.9	2.1
	+1.1	+1.6	+1.4	+0.7	+1.7	+2.5	+2.4	+2.0	+3.3	+3.7	+3.8	+3.1
곡성군	6.6	21.9	10.4	-3.6	7.2	22.9	11.6	-2.2	8.8	24.0	13.0	-1.0
	+1.0	+1.6	+1.3	+0.7	+1.6	+2.6	+2.5	+2.1	+3.2	+3.7	+3.9	+3.3
광양시	9.1	22.7	13.2	-0.7	9.7	23.6	14.3	0.7	11.3	24.8	15.6	1.7
	+1.0	+1.6	+1.4	+0.7	+1.6	+2.5	+2.5	+2.1	+3.2	+3.7	+3.8	+3.1
구례군	7.0	22.1	10.7	-3.2	7.6	23.0	11.8	-1.8	9.2	24.1	13.2	-0.6
	+1.1	+1.7	+1.4	+0.7	+1.7	+2.6	+2.5	+2.1	+3.3	+3.7	+3.9	+3.3
나주시	7.3	22.7	11.4	-2.4	7.9	23.6	12.5	-1.0	9.5	24.8	14.0	0.1
	+1.0	+1.6	+1.3	+0.7	+1.6	+2.5	+2.4	+2.1	+3.2	+3.7	+3.9	+3.2
담양군	6.8	22.1	10.8	-3.1	7.4	23.0	12.0	-1.8	9.0	24.2	13.4	-0.6
	+1.0	+1.6	+1.3	+0.8	+1.6	+2.5	+2.5	+2.1	+3.2	+3.7	+3.9	+3.3
목포시	8.9	23.3	13.9	0.0	9.6	24.1	14.9	1.2	11.2	25.4	16.3	2.4
	+1.0	+1.7	+1.4	+0.9	+1.7	+2.5	+2.4	+2.1	+3.3	+3.8	+3.8	+3.3
무안군	8.3	23.0	13.1	-0.7	8.9	23.9	14.1	0.6	10.6	25.1	15.6	1.8
	+1.1	+1.6	+1.4	+0.8	+1.7	+2.5	+2.4	+2.1	+3.4	+3.7	+3.9	+3.3
보성군	6.6	21.7	10.7	-3.0	7.2	22.6	11.9	-1.6	8.8	23.8	13.2	-0.5
	+1.0	+1.6	+1.3	+0.6	+1.6	+2.5	+2.5	+2.0	+3.2	+3.7	+3.8	+3.1
순천시	8.4	22.5	12.4	-1.3	9.0	23.4	13.5	0.1	10.6	24.6	14.8	1.2
	+1.0	+1.6	+1.4	+0.7	+1.6	+2.5	+2.5	+2.1	+3.2	+3.7	+3.8	+3.2
신안군	8.9	22.8	14.8	1.1	9.6	23.7	15.8	2.3	11.3	24.9	17.2	3.7
	+1.1	+1.6	+1.4	+0.9	+1.8	+2.5	+2.4	+2.1	+3.5	+3.7	+3.8	+3.5
여수시	10.4	23.3	15.2	1.0	11.0	24.1	16.3	2.3	12.6	25.3	17.5	3.4
	+1.0	+1.7	+1.4	+0.6	+1.6	+2.5	+2.5	+1.9	+3.2	+3.7	+3.7	+3.0
영광군	7.7	22.8	12.5	-1.4	8.3	23.7	13.5	-0.2	10.0	24.9	14.9	1.1
	+1.1	+1.7	+1.5	+0.9	+1.7	+2.6	+2.5	+2.1	+3.4	+3.8	+3.9	+3.4
영암군	7.6	22.9	11.8	-1.8	8.2	23.8	12.9	-0.6	9.8	24.9	14.3	0.6
	+1.0	+1.7	+1.3	+0.8	+1.6	+2.6	+2.4	+2.0	+3.2	+3.7	+3.8	+3.2
완도군	9.3	22.6	14.5	1.0	10.0	23.4	15.5	2.2	11.6	24.6	16.8	3.5
	+1.1	+1.7	+1.4	+0.8	+1.8	+2.5	+2.4	+2.0	+3.4	+3.7	+3.7	+3.3
장성군	7.0	22.3	11.2	-2.8	7.6	23.2	12.2	-1.4	9.2	24.4	13.7	-0.3
	+1.0	+1.7	+1.4	+0.7	+1.6	+2.6	+2.4	+2.1	+3.2	+3.8	+3.9	+3.2
장흥군	7.1	21.9	11.4	-2.1	7.7	22.8	12.4	-0.8	9.3	24.0	13.8	0.3
	+1.1	+1.6	+1.4	+0.8	+1.7	+2.5	+2.4	+2.1	+3.3	+3.7	+3.8	+3.2
진도군	8.3	22.4	13.4	0.3	8.9	23.2	14.4	1.5	10.5	24.4	15.8	2.8
	+1.1	+1.6	+1.4	+0.9	+1.7	+2.4	+2.4	+2.1	+3.3	+3.6	+3.8	+3.4
함평군	7.5	22.8	12.0	-1.8	8.1	23.7	13.1	-0.5	9.7	24.9	14.5	0.7
	+1.0	+1.7	+1.4	+0.7	+1.6	+2.6	+2.5	+2.0	+3.2	+3.8	+3.9	+3.2
해남군	7.9	22.5	12.5	-0.9	8.5	23.4	13.5	0.3	10.1	24.6	14.9	1.5
	+1.1	+1.6	+1.4	+0.8	+1.7	+2.5	+2.4	+2.0	+3.3	+3.7	+3.8	+3.2
화순군	6.8	22.0	10.8	-3.1	7.4	22.9	11.9	-1.7	9.0	24.1	13.4	-0.6
	+1.0	+1.6	+1.3	+0.7	+1.6	+2.5	+2.4	+2.1	+3.2	+3.7	+3.9	+3.2

표 4-23. 전라남도의 계절별 최저기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP3-7.0)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	8.1	22.5	12.0	-0.8	8.9	23.7	13.7	0.7	11.9	26.3	16.8	2.9
	+1.2	+1.6	+1.0	+1.3	+2.0	+2.8	+2.7	+2.8	+5.0	+5.4	+5.8	+5.0
강진군	7.9	22.4	11.7	-0.9	8.7	23.6	13.3	0.6	11.7	26.1	16.4	2.8
	+1.3	+1.6	+1.0	+1.2	+2.1	+2.8	+2.6	+2.7	+5.1	+5.3	+5.7	+4.9
고흥군	9.2	22.7	13.1	0.2	10.0	23.9	14.8	1.7	12.9	26.4	17.8	3.9
	+1.3	+1.6	+1.0	+1.2	+2.1	+2.8	+2.7	+2.7	+5.0	+5.3	+5.7	+4.9
곡성군	6.9	22.0	10.1	-3.0	7.6	23.2	11.8	-1.3	10.7	25.7	15.0	0.8
	+1.3	+1.7	+1.0	+1.3	+2.0	+2.9	+2.7	+3.0	+5.1	+5.4	+5.9	+5.1
광양시	9.4	22.8	12.9	-0.1	10.1	23.9	14.5	1.5	13.1	26.4	17.6	3.6
	+1.3	+1.7	+1.1	+1.3	+2.0	+2.8	+2.7	+2.9	+5.0	+5.3	+5.8	+5.0
구례군	7.3	22.1	10.3	-2.5	8.0	23.3	12.0	-0.9	11.0	25.8	15.3	1.2
	+1.4	+1.7	+1.0	+1.4	+2.1	+2.9	+2.7	+3.0	+5.1	+5.4	+6.0	+5.1
나주시	7.5	22.7	11.2	-1.8	8.3	23.9	12.8	-0.3	11.3	26.5	16.0	1.9
	+1.2	+1.6	+1.1	+1.3	+2.0	+2.8	+2.7	+2.8	+5.0	+5.4	+5.9	+5.0
담양군	7.1	22.2	10.5	-2.5	7.8	23.4	12.2	-1.0	10.9	26.0	15.4	1.2
	+1.3	+1.7	+1.0	+1.4	+2.0	+2.9	+2.7	+2.9	+5.1	+5.5	+5.9	+5.1
목포시	9.1	23.2	13.5	0.4	10.0	24.4	15.1	1.9	13.0	27.0	18.1	4.2
	+1.2	+1.6	+1.0	+1.3	+2.1	+2.8	+2.6	+2.8	+5.1	+5.4	+5.6	+5.1
무안군	8.4	23.0	12.8	-0.2	9.3	24.1	14.4	1.3	12.3	26.8	17.4	3.6
	+1.2	+1.6	+1.1	+1.3	+2.1	+2.7	+2.7	+2.8	+5.1	+5.4	+5.7	+5.1
보성군	6.9	21.8	10.5	-2.4	7.6	22.9	12.1	-0.8	10.6	25.5	15.3	1.3
	+1.3	+1.7	+1.1	+1.2	+2.0	+2.8	+2.7	+2.8	+5.0	+5.4	+5.9	+4.9
순천시	8.7	22.6	12.1	-0.6	9.4	23.7	13.7	0.9	12.4	26.3	16.9	3.0
	+1.3	+1.7	+1.1	+1.4	+2.0	+2.8	+2.7	+2.9	+5.0	+5.4	+5.9	+5.0
신안군	9.1	22.8	14.4	1.4	10.0	24.0	16.0	3.1	12.9	26.6	19.0	5.5
	+1.3	+1.6	+1.0	+1.2	+2.2	+2.8	+2.6	+2.9	+5.1	+5.4	+5.6	+5.3
여수시	10.7	23.3	14.8	1.5	11.4	24.4	16.4	3.1	14.3	26.9	19.5	5.2
	+1.3	+1.7	+1.0	+1.1	+2.0	+2.8	+2.6	+2.7	+4.9	+5.3	+5.7	+4.8
영광군	7.8	22.7	12.1	-1.0	8.7	23.9	13.8	0.6	11.7	26.6	16.8	2.9
	+1.2	+1.6	+1.1	+1.3	+2.1	+2.8	+2.8	+2.9	+5.1	+5.5	+5.8	+5.2
영암군	7.8	22.9	11.5	-1.3	8.6	24.0	13.2	0.2	11.6	26.6	16.3	2.4
	+1.2	+1.7	+1.0	+1.3	+2.0	+2.8	+2.7	+2.8	+5.0	+5.4	+5.8	+5.0
완도군	9.5	22.5	14.1	1.4	10.4	23.6	15.7	3.0	13.3	26.2	18.6	5.3
	+1.3	+1.6	+1.0	+1.2	+2.2	+2.7	+2.6	+2.8	+5.1	+5.3	+5.5	+5.1
장성군	7.3	22.3	10.8	-2.2	8.0	23.5	12.5	-0.7	11.1	26.1	15.7	1.5
	+1.3	+1.7	+1.0	+1.3	+2.0	+2.9	+2.7	+2.8	+5.1	+5.5	+5.9	+5.0
장흥군	7.3	22.0	11.0	-1.6	8.1	23.1	12.7	-0.1	11.1	25.7	15.8	2.1
	+1.3	+1.7	+1.0	+1.3	+2.1	+2.8	+2.7	+2.8	+5.1	+5.4	+5.8	+5.0
진도군	8.4	22.3	13.0	0.6	9.3	23.5	14.6	2.2	12.3	26.1	17.6	4.5
	+1.2	+1.5	+1.0	+1.2	+2.1	+2.7	+2.6	+2.8	+5.1	+5.3	+5.6	+5.1
함평군	7.7	22.8	11.7	-1.2	8.5	24.0	13.3	0.2	11.5	26.6	16.5	2.5
	+1.2	+1.7	+1.1	+1.3	+2.0	+2.9	+2.7	+2.7	+5.0	+5.5	+5.9	+5.0
해남군	8.0	22.5	12.1	-0.4	8.9	23.6	13.8	1.0	11.8	26.2	16.8	3.2
	+1.2	+1.6	+1.0	+1.3	+2.1	+2.7	+2.7	+2.7	+5.0	+5.3	+5.7	+4.9
화순군	7.1	22.0	10.5	-2.5	7.8	23.2	12.2	-0.9	10.9	25.8	15.4	1.2
	+1.3	+1.6	+1.0	+1.3	+2.0	+2.8	+2.7	+2.9	+5.1	+5.4	+5.9	+5.0

표 4-24. 전라남도의 계절별 최저기온 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP5-8.5)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	7.9	22.4	12.5	-0.5	9.5	23.8	14.1	0.6	12.7	27.3	17.9	3.5
	+1.0	+1.5	+1.5	+1.6	+2.6	+2.9	+3.1	+2.7	+5.8	+6.4	+6.9	+5.6
강진군	7.6	22.3	12.1	-0.6	9.2	23.7	13.8	0.5	12.4	27.2	17.5	3.3
	+1.0	+1.5	+1.4	+1.5	+2.6	+2.9	+3.1	+2.6	+5.8	+6.4	+6.8	+5.4
고흥군	9.0	22.6	13.6	0.5	10.5	24.0	15.2	1.6	13.7	27.4	18.9	4.4
	+1.1	+1.5	+1.5	+1.5	+2.6	+2.9	+3.1	+2.6	+5.8	+6.3	+6.8	+5.4
곡성군	6.5	21.8	10.6	-2.6	8.2	23.3	12.3	-1.5	11.4	26.8	16.1	1.4
	+0.9	+1.5	+1.5	+1.7	+2.6	+3.0	+3.2	+2.8	+5.8	+6.5	+7.0	+5.7
광양시	9.1	22.6	13.3	0.3	10.6	24.0	15.0	1.3	13.9	27.5	18.7	4.1
	+1.0	+1.5	+1.5	+1.7	+2.5	+2.9	+3.2	+2.7	+5.8	+6.4	+6.9	+5.5
구례군	6.9	21.9	10.8	-2.2	8.5	23.4	12.6	-1.2	11.8	26.9	16.3	1.8
	+1.0	+1.5	+1.5	+1.7	+2.6	+3.0	+3.3	+2.7	+5.9	+6.5	+7.0	+5.7
나주시	7.3	22.6	11.6	-1.6	8.9	24.0	13.3	-0.4	12.1	27.6	17.1	2.5
	+1.0	+1.5	+1.5	+1.5	+2.6	+2.9	+3.2	+2.7	+5.8	+6.5	+7.0	+5.6
담양군	6.7	22.0	11.0	-2.2	8.4	23.5	12.7	-1.2	11.6	27.1	16.6	1.8
	+0.9	+1.5	+1.5	+1.7	+2.6	+3.0	+3.2	+2.7	+5.8	+6.6	+7.1	+5.7
목포시	8.9	23.1	14.0	0.7	10.5	24.6	15.5	1.9	13.8	28.1	19.3	4.9
	+1.0	+1.5	+1.5	+1.6	+2.6	+3.0	+3.0	+2.8	+5.9	+6.5	+6.8	+5.8
무안군	8.3	22.9	13.3	0.1	9.8	24.3	14.9	1.2	13.1	27.8	18.6	4.3
	+1.1	+1.5	+1.6	+1.6	+2.6	+2.9	+3.2	+2.7	+5.9	+6.4	+6.9	+5.8
보성군	6.6	21.6	10.9	-2.1	8.2	23.0	12.6	-1.0	11.4	26.5	16.4	1.8
	+1.0	+1.5	+1.5	+1.5	+2.6	+2.9	+3.2	+2.6	+5.8	+6.4	+7.0	+5.4
순천시	8.4	22.4	12.5	-0.3	10.0	23.8	14.2	0.7	13.2	27.3	17.9	3.5
	+1.0	+1.5	+1.5	+1.7	+2.6	+2.9	+3.2	+2.7	+5.8	+6.4	+6.9	+5.5
신안군	9.0	22.7	14.9	1.9	10.5	24.2	16.5	3.1	13.8	27.6	20.2	6.3
	+1.2	+1.5	+1.5	+1.7	+2.7	+3.0	+3.1	+2.9	+6.0	+6.4	+6.8	+6.1
여수시	10.4	23.1	15.3	1.9	11.9	24.6	16.9	2.9	15.1	28.0	20.5	5.7
	+1.0	+1.5	+1.5	+1.5	+2.5	+3.0	+3.1	+2.5	+5.7	+6.4	+6.7	+5.3
영광군	7.7	22.6	12.6	-0.6	9.2	24.1	14.2	0.5	12.5	27.6	18.0	3.7
	+1.1	+1.5	+1.6	+1.7	+2.6	+3.0	+3.2	+2.8	+5.9	+6.5	+7.0	+6.0
영암군	7.6	22.7	12.0	-1.1	9.2	24.2	13.6	0.1	12.4	27.7	17.4	3.0
	+1.0	+1.5	+1.5	+1.5	+2.6	+3.0	+3.1	+2.7	+5.8	+6.5	+6.9	+5.6
완도군	9.3	22.4	14.6	1.8	10.8	23.8	16.2	2.9	14.1	27.2	19.7	6.0
	+1.1	+1.5	+1.5	+1.6	+2.6	+2.9	+3.1	+2.7	+5.9	+6.3	+6.6	+5.8
장성군	7.0	22.1	11.3	-1.9	8.6	23.6	13.0	-0.8	11.8	27.2	16.8	2.1
	+1.0	+1.5	+1.5	+1.6	+2.6	+3.0	+3.2	+2.7	+5.8	+6.6	+7.0	+5.6
장흥군	7.0	21.8	11.5	-1.3	8.6	23.2	13.2	-0.2	11.8	26.7	16.9	2.6
	+1.0	+1.5	+1.5	+1.6	+2.6	+2.9	+3.2	+2.7	+5.8	+6.4	+6.9	+5.5
진도군	8.3	22.2	13.5	1.0	9.8	23.7	15.1	2.1	13.1	27.0	18.8	5.2
	+1.1	+1.4	+1.5	+1.6	+2.6	+2.9	+3.1	+2.7	+5.9	+6.2	+6.8	+5.8
함평군	7.5	22.7	12.2	-1.0	9.1	24.1	13.8	0.1	12.3	27.6	17.6	3.2
	+1.0	+1.6	+1.6	+1.5	+2.6	+3.0	+3.2	+2.6	+5.8	+6.5	+7.0	+5.7
해남군	7.8	22.4	12.6	-0.2	9.4	23.8	14.2	1.0	12.6	27.3	17.9	3.9
	+1.0	+1.5	+1.5	+1.5	+2.6	+2.9	+3.1	+2.7	+5.8	+6.4	+6.8	+5.6
화순군	6.7	21.9	11.0	-2.2	8.4	23.3	12.7	-1.1	11.6	26.9	16.5	1.8
	+0.9	+1.5	+1.5	+1.6	+2.6	+2.9	+3.2	+2.7	+5.8	+6.5	+7.0	+5.6

4) 연강수량

- SSP 시나리오에 따른 전라남도 연강수량은 현재(2000-2019년, 1367.3mm) 대비 21세기 중반기에 4.7~9.0%, 21세기 후반기에 5.4~17.6% 증가할 것으로 전망됨.
  - SSP1-2.6 시나리오에서 전라남도 연강수량은 현재 대비 21세기 중반기에 8.6%, 후반기에 5.4% 증가할 것으로 전망됨.
  - SSP2-4.5 시나리오에서 전라남도 연강수량은 현재 대비 21세기 중반기에 4.7%, 후반기에 16.7% 증가할 것으로 전망됨.
  - SSP3-7.0 시나리오에서 전라남도 연강수량은 현재 대비 21세기 중반기에 7.6%, 후반기에 14.6% 증가할 것으로 전망됨.
  - SSP5-8.5 시나리오에서 전라남도 연강수량은 현재 대비 21세기 중반기에 9.0%, 후반기에 17.6% 증가할 것으로 전망됨.
- SSP5-8.5 시나리오에서 21세기 후반기 전라남도 연강수량 증가율(+17.6%)은 SSP1-2.6 시나리오에서의 증가율(+5.4%)보다 높게 나타남.
- 현재 전라남도 연강수량(1367.3m)은 우리나라 평균(1325.9mm)보다 41.4mm 많으며 SSP5-8.5에서 21세기 후반기 전라남도 연강수량 증가율(+17.6%)은 우리나라 평균 증가율(+16.0%)보다 크게 나타남.
  - 지역별로 살펴보면, 완도군에서 강수량 증가율(+23.5%)이 가장 높고 곡성군에서 강수량 증가율(+13.3%)이 가장 낮게 나타남.

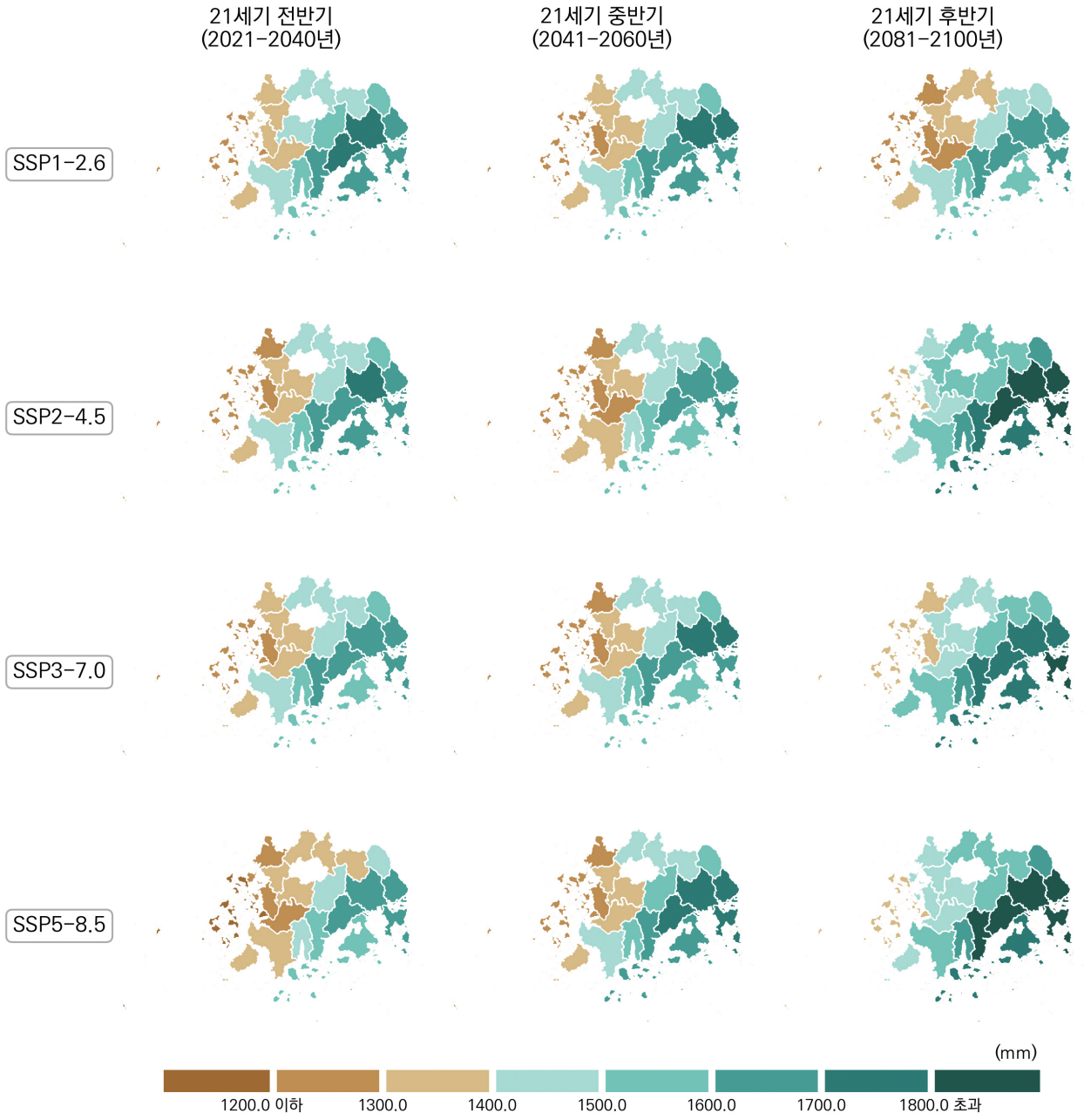


그림 4-16. 전라남도의 연강수량(mm) 전망 분포도

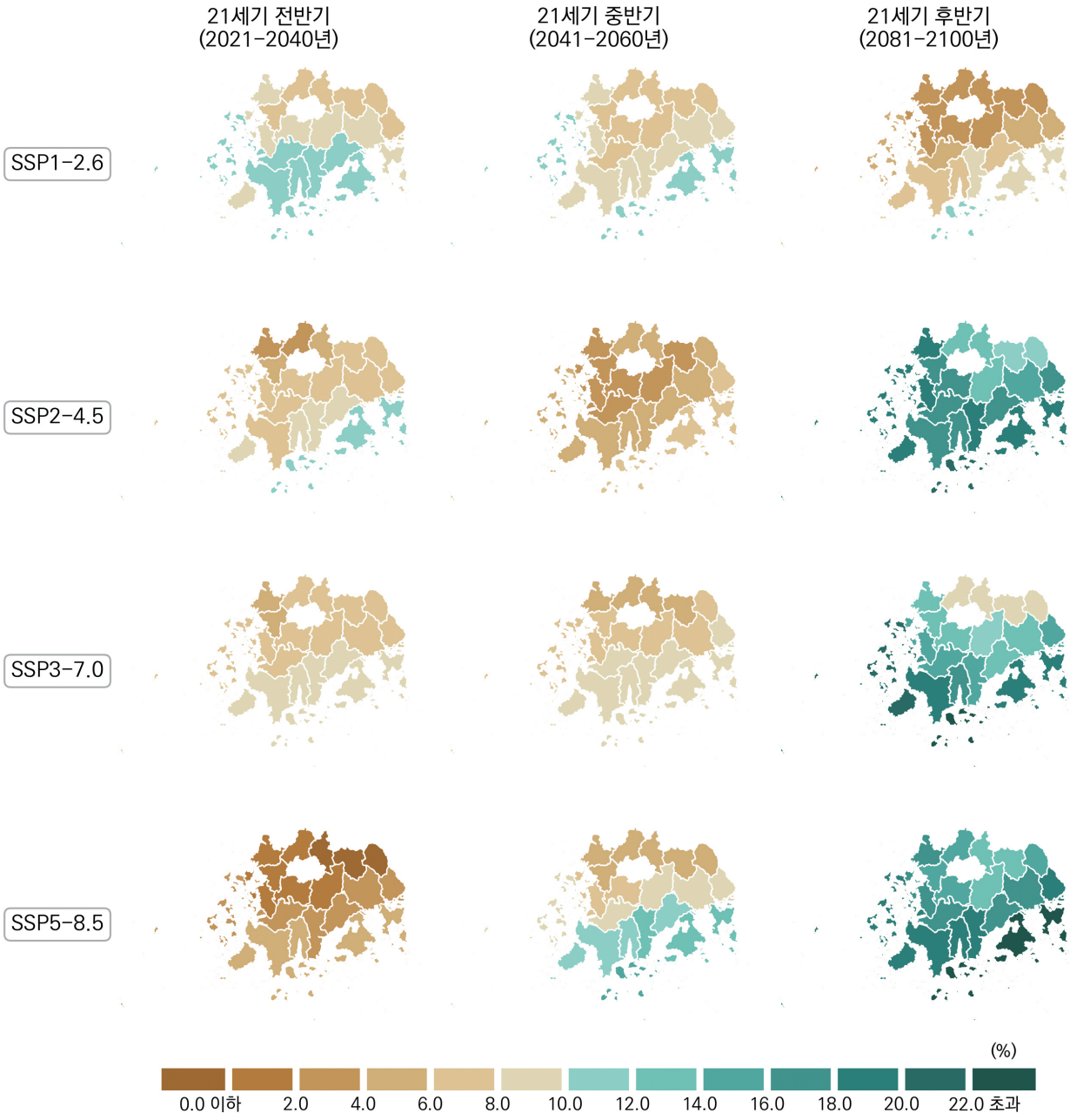


그림 4-17. 전라남도의 연강수량 변화율(%)(2000-2019년 대비) 전망 분포도

표 4-25. 전라남도의 연강수량(mm) 21세기 전망과 현재 기후 값 대비 변화율(%)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	1367.3	1478.7	1508.6	1434.2	1536.7	1523.0	1528.6	1468.3	1412.8	1493.6	1485.5	1440.6
		+8.1%	+10.3%	+4.9%	+12.4%	+11.4%	+11.8%	+7.4%	+3.3%	+9.2%	+8.6%	+5.4%
강진군	1393.1	1525.4	1569.4	1460.1	1567.0	1554.3	1622.2	1521.6	1487.5	1547.4	1513.6	1504.5
		+9.5%	+12.7%	+4.8%	+12.5%	+11.6%	+16.4%	+9.2%	+6.8%	+11.1%	+8.6%	+8.0%
고흥군	1458.4	1595.4	1624.1	1560.5	1672.6	1628.1	1660.7	1592.6	1596.8	1609.8	1616.6	1594.7
		+9.4%	+11.4%	+7.0%	+14.7%	+11.6%	+13.9%	+9.2%	+9.5%	+10.4%	+10.8%	+9.3%
곡성군	1389.4	1484.4	1512.5	1456.0	1520.8	1490.4	1499.7	1440.4	1406.2	1498.5	1488.4	1423.3
		+6.8%	+8.9%	+4.8%	+9.5%	+7.3%	+7.9%	+3.7%	+1.2%	+7.9%	+7.1%	+2.4%
광양시	1564.0	1687.0	1691.6	1659.4	1762.1	1743.8	1713.2	1688.3	1601.2	1689.3	1710.7	1644.7
		+7.9%	+8.2%	+6.1%	+12.7%	+11.5%	+9.5%	+7.9%	+2.4%	+8.0%	+9.4%	+5.2%
구례군	1456.0	1559.2	1572.8	1506.0	1603.1	1551.5	1544.2	1509.1	1473.2	1566.0	1554.6	1491.1
		+7.1%	+8.0%	+3.4%	+10.1%	+6.6%	+6.1%	+3.6%	+1.2%	+7.6%	+6.8%	+2.4%
나주시	1300.8	1420.0	1415.5	1342.2	1449.1	1438.2	1431.9	1366.0	1294.6	1417.7	1395.6	1330.3
		+9.2%	+8.8%	+3.2%	+11.4%	+10.6%	+10.1%	+5.0%	-0.5%	+9.0%	+7.3%	+2.3%
담양군	1367.3	1458.4	1492.8	1431.3	1502.6	1495.2	1468.6	1427.1	1366.5	1475.6	1466.9	1396.8
		+6.7%	+9.2%	+4.7%	+9.9%	+9.4%	+7.4%	+4.4%	+0.0%	+7.9%	+7.3%	+2.2%
목포시	1165.8	1264.4	1302.4	1210.4	1321.9	1317.8	1300.4	1263.5	1171.0	1283.4	1266.2	1217.2
		+8.5%	+11.7%	+3.8%	+13.4%	+13.0%	+11.5%	+8.4%	+0.4%	+10.1%	+8.6%	+4.4%
무안군	1196.3	1300.6	1304.9	1230.3	1363.9	1357.5	1327.6	1289.5	1188.3	1302.8	1297.1	1238.9
		+8.7%	+9.1%	+2.8%	+14.0%	+13.5%	+11.0%	+7.8%	-0.7%	+8.9%	+8.4%	+3.6%
보성군	1553.5	1701.4	1730.5	1632.9	1742.4	1717.9	1771.3	1672.9	1636.6	1715.9	1687.7	1654.7
		+9.5%	+11.4%	+5.1%	+12.2%	+10.6%	+14.0%	+7.7%	+5.3%	+10.5%	+8.6%	+6.5%
순천시	1579.3	1707.1	1722.2	1669.6	1752.0	1736.9	1747.6	1679.6	1631.0	1714.7	1710.8	1655.3
		+8.1%	+9.0%	+5.7%	+10.9%	+10.0%	+10.7%	+6.4%	+3.3%	+8.6%	+8.3%	+4.8%
신안군	1151.1	1260.4	1283.6	1206.6	1331.6	1330.5	1320.9	1259.9	1171.2	1272.0	1269.1	1215.6
		+9.5%	+11.5%	+4.8%	+15.7%	+15.6%	+14.8%	+9.5%	+1.7%	+10.5%	+10.3%	+5.6%
여수시	1519.1	1636.3	1689.9	1637.5	1726.6	1733.2	1691.4	1666.1	1654.6	1663.1	1682.0	1660.4
		+7.7%	+11.2%	+7.8%	+13.7%	+14.1%	+11.3%	+9.7%	+8.9%	+9.5%	+10.7%	+9.3%
영광군	1231.5	1319.9	1342.5	1271.7	1410.3	1400.6	1347.7	1310.6	1224.2	1331.2	1341.0	1267.4
		+7.2%	+9.0%	+3.3%	+14.5%	+13.7%	+9.4%	+6.4%	-0.6%	+8.1%	+8.9%	+2.9%
영암군	1229.1	1345.6	1364.2	1277.8	1373.7	1369.8	1384.6	1325.1	1257.0	1354.9	1325.8	1291.0
		+9.5%	+11.0%	+4.0%	+11.8%	+11.4%	+12.7%	+7.8%	+2.3%	+10.2%	+7.9%	+5.0%
완도군	1433.2	1543.3	1621.9	1547.5	1643.9	1623.9	1698.7	1585.1	1597.3	1582.6	1595.7	1591.2
		+7.7%	+13.2%	+8.0%	+14.7%	+13.3%	+18.5%	+10.6%	+11.4%	+10.4%	+11.3%	+11.0%
장성군	1356.0	1438.6	1473.6	1393.5	1516.7	1492.7	1464.0	1433.8	1339.1	1456.1	1455.1	1386.5
		+6.1%	+8.7%	+2.8%	+11.9%	+10.1%	+8.0%	+5.7%	-1.2%	+7.4%	+7.3%	+2.2%
장흥군	1508.8	1661.2	1696.5	1587.2	1704.7	1685.2	1746.5	1653.4	1619.3	1678.8	1645.9	1636.4
		+10.1%	+12.4%	+5.2%	+13.0%	+11.7%	+15.8%	+9.6%	+7.3%	+11.3%	+9.1%	+8.5%
진도군	1256.5	1334.8	1425.9	1342.2	1421.1	1434.1	1456.8	1392.8	1318.3	1380.3	1381.6	1355.6
		+6.2%	+13.5%	+6.8%	+13.1%	+14.1%	+15.9%	+10.8%	+4.9%	+9.9%	+10.0%	+7.9%
함평군	1284.2	1388.3	1372.7	1311.9	1451.6	1438.2	1404.3	1367.1	1259.2	1380.5	1381.7	1313.2
		+8.1%	+6.9%	+2.2%	+13.0%	+12.0%	+9.4%	+6.5%	-1.9%	+7.5%	+7.6%	+2.3%
해남군	1301.3	1400.3	1467.1	1366.2	1449.5	1452.1	1501.6	1425.2	1381.4	1433.7	1407.8	1403.3
		+7.6%	+12.7%	+5.0%	+11.4%	+11.6%	+15.4%	+9.5%	+6.2%	+10.2%	+8.2%	+7.8%
화순군	1385.3	1498.4	1512.8	1452.5	1521.1	1514.0	1525.7	1433.5	1407.9	1505.6	1486.8	1420.7
		+8.2%	+9.2%	+4.9%	+9.8%	+9.3%	+10.1%	+3.5%	+1.6%	+8.7%	+7.3%	+2.6%

표 4-26. 전라남도의 연강수량(mm) 21세기 전망과 현재 기후 값 대비 변화율(%)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	1367.3	1441.6	1500.0	1414.9	1448.4	1526.1	1667.1	1579.7	1612.9	1470.8	1431.6	1596.3
		+5.4%	+9.7%	+3.5%	+5.9%	+11.6%	+21.9%	+15.5%	+18.0%	+7.6%	+4.7%	+16.7%
강진군	1393.1	1487.7	1549.6	1445.7	1478.0	1597.0	1721.3	1597.4	1672.8	1518.6	1461.8	1635.1
		+6.8%	+11.2%	+3.8%	+6.1%	+14.6%	+23.6%	+14.7%	+20.1%	+9.0%	+4.9%	+17.4%
고흥군	1458.4	1563.6	1657.4	1547.1	1554.9	1685.0	1821.4	1706.2	1783.0	1610.5	1551.0	1744.6
		+7.2%	+13.6%	+6.1%	+6.6%	+15.5%	+24.9%	+17.0%	+22.3%	+10.4%	+6.3%	+19.6%
곡성군	1389.4	1438.4	1522.4	1419.3	1466.7	1475.4	1656.1	1554.2	1557.3	1480.4	1443.0	1555.8
		+3.5%	+9.6%	+2.2%	+5.6%	+6.2%	+19.2%	+11.9%	+12.1%	+6.5%	+3.9%	+12.0%
광양시	1564.0	1640.9	1701.0	1658.0	1659.5	1759.3	1928.6	1813.6	1825.9	1671.0	1658.7	1819.8
		+4.9%	+8.8%	+6.0%	+6.1%	+12.5%	+23.3%	+16.0%	+16.7%	+6.8%	+6.1%	+16.4%
구례군	1456.0	1502.6	1593.5	1487.5	1547.5	1543.3	1737.9	1633.9	1625.2	1548.0	1517.5	1629.5
		+3.2%	+9.4%	+2.2%	+6.3%	+6.0%	+19.4%	+12.2%	+11.6%	+6.3%	+4.2%	+11.9%
나주시	1300.8	1366.4	1405.3	1310.2	1375.3	1442.5	1566.3	1499.1	1520.8	1385.8	1342.8	1509.9
		+5.0%	+8.0%	+0.7%	+5.7%	+10.9%	+20.4%	+15.2%	+16.9%	+6.5%	+3.2%	+16.1%
담양군	1367.3	1413.5	1458.8	1387.9	1461.9	1462.8	1629.9	1543.3	1541.1	1436.1	1424.9	1542.2
		+3.4%	+6.7%	+1.5%	+6.9%	+7.0%	+19.2%	+12.9%	+12.7%	+5.0%	+4.2%	+12.8%
목포시	1165.8	1246.0	1268.1	1186.2	1226.8	1296.0	1426.0	1348.5	1404.4	1257.0	1206.5	1376.4
		+6.9%	+8.8%	+1.7%	+5.2%	+11.2%	+22.3%	+15.7%	+20.5%	+7.8%	+3.5%	+18.1%
무안군	1196.3	1258.2	1292.4	1216.1	1263.0	1328.7	1447.2	1418.6	1435.2	1275.3	1239.5	1426.9
		+5.2%	+8.0%	+1.7%	+5.6%	+11.1%	+21.0%	+18.6%	+20.0%	+6.6%	+3.6%	+19.3%
보성군	1553.5	1649.3	1743.0	1624.7	1650.5	1752.4	1909.7	1792.3	1836.6	1696.1	1637.6	1814.4
		+6.2%	+12.2%	+4.6%	+6.2%	+12.8%	+22.9%	+15.4%	+18.2%	+9.2%	+5.4%	+16.8%
순천시	1579.3	1664.9	1738.0	1653.8	1684.1	1758.2	1910.6	1823.6	1821.8	1701.4	1668.9	1822.7
		+5.4%	+10.0%	+4.7%	+6.6%	+11.3%	+21.0%	+15.5%	+15.4%	+7.7%	+5.7%	+15.4%
신안군	1151.1	1237.3	1238.7	1219.3	1215.0	1280.7	1399.8	1357.7	1393.2	1238.0	1217.1	1375.5
		+7.5%	+7.6%	+5.9%	+5.6%	+11.3%	+21.6%	+17.9%	+21.0%	+7.5%	+5.7%	+19.5%
여수시	1519.1	1633.8	1726.1	1622.7	1610.0	1767.0	1913.6	1770.6	1845.3	1680.0	1616.3	1808.0
		+7.6%	+13.6%	+6.8%	+6.0%	+16.3%	+26.0%	+16.6%	+21.5%	+10.6%	+6.4%	+19.0%
영광군	1231.5	1275.4	1285.5	1266.3	1287.8	1367.3	1493.7	1475.8	1446.6	1280.4	1277.1	1461.2
		+3.6%	+4.4%	+2.8%	+4.6%	+11.0%	+21.3%	+19.8%	+17.5%	+4.0%	+3.7%	+18.7%
영암군	1229.1	1298.4	1352.4	1241.6	1308.5	1379.4	1502.7	1401.9	1463.9	1325.4	1275.0	1432.9
		+5.6%	+10.0%	+1.0%	+6.5%	+12.2%	+22.3%	+14.1%	+19.1%	+7.8%	+3.7%	+16.6%
완도군	1433.2	1536.7	1619.5	1532.2	1543.8	1666.6	1790.7	1678.8	1766.4	1578.1	1538.0	1722.6
		+7.2%	+13.0%	+6.9%	+7.7%	+16.3%	+24.9%	+17.1%	+23.2%	+10.1%	+7.3%	+20.2%
장성군	1356.0	1390.2	1424.8	1390.2	1432.4	1463.5	1622.7	1557.4	1533.1	1407.5	1411.3	1545.2
		+2.5%	+5.1%	+2.5%	+5.6%	+7.9%	+19.7%	+14.9%	+13.1%	+3.8%	+4.1%	+14.0%
장흥군	1508.8	1613.0	1692.3	1563.6	1602.3	1730.4	1873.7	1748.8	1819.7	1652.7	1583.0	1784.2
		+6.9%	+12.2%	+3.6%	+6.2%	+14.7%	+24.2%	+15.9%	+20.6%	+9.5%	+4.9%	+18.3%
진도군	1256.5	1331.7	1388.3	1308.7	1312.7	1409.7	1529.5	1458.5	1532.6	1360.0	1310.7	1495.6
		+6.0%	+10.5%	+4.2%	+4.5%	+12.2%	+21.7%	+16.1%	+22.0%	+8.2%	+4.3%	+19.0%
함평군	1284.2	1334.1	1375.2	1300.9	1339.4	1419.9	1540.0	1518.9	1499.2	1354.6	1320.2	1509.1
		+3.9%	+7.1%	+1.3%	+4.3%	+10.6%	+19.9%	+18.3%	+16.7%	+5.5%	+2.8%	+17.5%
해남군	1301.3	1380.1	1430.7	1346.7	1377.3	1479.1	1591.5	1483.6	1571.1	1405.4	1362.0	1527.4
		+6.1%	+9.9%	+3.5%	+5.8%	+13.7%	+22.3%	+14.0%	+20.7%	+8.0%	+4.7%	+17.4%
화순군	1385.3	1453.0	1537.8	1399.2	1466.5	1509.6	1663.6	1571.2	1587.9	1495.4	1432.9	1579.5
		+4.9%	+11.0%	+1.0%	+5.9%	+9.0%	+20.1%	+13.4%	+14.6%	+7.9%	+3.4%	+14.0%

표 4-27. 전라남도의 연강수량(mm) 21세기 전망과 현재 기후 값 대비 변화율(%)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	1367.3	1324.8	1618.1	1430.7	1511.2	1614.2	1630.9	1543.2	1590.4	1471.5	1471.0	1566.8
		-3.1%	+18.3%	+4.6%	+10.5%	+18.1%	+19.3%	+12.9%	+16.3%	+7.6%	+7.6%	+14.6%
강진군	1393.1	1384.5	1655.8	1474.2	1567.1	1703.1	1699.5	1603.0	1654.3	1520.2	1520.6	1628.7
		-0.6%	+18.9%	+5.8%	+12.5%	+22.3%	+22.0%	+15.1%	+18.7%	+9.1%	+9.2%	+16.9%
고흥군	1458.4	1431.9	1766.9	1535.6	1635.0	1763.6	1824.6	1687.0	1756.5	1599.4	1585.3	1721.7
		-1.8%	+21.2%	+5.3%	+12.1%	+20.9%	+25.1%	+15.7%	+20.4%	+9.7%	+8.7%	+18.1%
곡성군	1389.4	1353.7	1628.3	1427.0	1510.8	1561.1	1612.0	1490.7	1520.3	1491.0	1468.9	1505.5
		-2.6%	+17.2%	+2.7%	+8.7%	+12.4%	+16.0%	+7.3%	+9.4%	+7.3%	+5.7%	+8.4%
광양시	1564.0	1538.7	1806.9	1666.3	1751.1	1863.3	1894.5	1754.6	1818.6	1672.8	1708.7	1786.6
		-1.6%	+15.5%	+6.5%	+12.0%	+19.1%	+21.1%	+12.2%	+16.3%	+7.0%	+9.3%	+14.2%
구례군	1456.0	1437.0	1670.8	1505.9	1599.1	1631.0	1696.2	1575.1	1610.8	1553.9	1552.5	1592.9
		-1.3%	+14.8%	+3.4%	+9.8%	+12.0%	+16.5%	+8.2%	+10.6%	+6.7%	+6.6%	+9.4%
나주시	1300.8	1240.8	1524.5	1359.2	1424.3	1496.4	1510.2	1437.3	1485.7	1382.6	1391.7	1461.5
		-4.6%	+17.2%	+4.5%	+9.5%	+15.0%	+16.1%	+10.5%	+14.2%	+6.3%	+7.0%	+12.4%
담양군	1367.3	1307.9	1617.4	1410.8	1467.7	1531.0	1560.6	1476.8	1486.2	1462.6	1439.2	1481.5
		-4.3%	+18.3%	+3.2%	+7.3%	+12.0%	+14.1%	+8.0%	+8.7%	+7.0%	+5.3%	+8.4%
목포시	1165.8	1110.5	1378.9	1226.7	1274.9	1383.7	1373.7	1344.2	1376.7	1244.7	1250.8	1360.5
		-4.7%	+18.3%	+5.2%	+9.4%	+18.7%	+17.8%	+15.3%	+18.1%	+6.8%	+7.3%	+16.7%
무안군	1196.3	1129.1	1416.2	1247.8	1306.9	1406.6	1406.1	1363.5	1396.2	1272.6	1277.4	1379.9
		-5.6%	+18.4%	+4.3%	+9.2%	+17.6%	+17.5%	+14.0%	+16.7%	+6.4%	+6.8%	+15.3%
보성군	1553.5	1523.4	1857.8	1640.1	1724.8	1876.0	1901.0	1726.6	1793.4	1690.6	1682.5	1760.0
		-1.9%	+19.6%	+5.6%	+11.0%	+20.8%	+22.4%	+11.1%	+15.4%	+8.8%	+8.3%	+13.3%
순천시	1579.3	1553.7	1844.9	1655.6	1755.2	1876.4	1917.8	1747.8	1816.0	1699.3	1705.4	1781.9
		-1.6%	+16.8%	+4.8%	+11.1%	+18.8%	+21.4%	+10.7%	+15.0%	+7.6%	+8.0%	+12.8%
신안군	1151.1	1085.2	1384.0	1190.5	1260.2	1383.1	1371.0	1370.7	1403.5	1234.6	1225.3	1387.1
		-5.7%	+20.2%	+3.4%	+9.5%	+20.2%	+19.1%	+19.1%	+21.9%	+7.3%	+6.4%	+20.5%
여수시	1519.1	1515.1	1822.2	1616.3	1712.5	1828.0	1881.6	1773.9	1830.4	1668.6	1664.4	1802.2
		-0.3%	+20.0%	+6.4%	+12.7%	+20.3%	+23.9%	+16.8%	+20.5%	+9.8%	+9.6%	+18.6%
영광군	1231.5	1133.1	1472.2	1264.4	1330.2	1418.6	1414.7	1365.8	1412.7	1302.6	1297.3	1389.3
		-8.0%	+19.5%	+2.7%	+8.0%	+15.2%	+14.9%	+10.9%	+14.7%	+5.8%	+5.3%	+12.8%
영암군	1229.1	1189.3	1450.5	1306.5	1371.7	1448.4	1461.4	1386.0	1432.5	1319.9	1339.1	1409.2
		-3.2%	+18.0%	+6.3%	+11.6%	+17.8%	+18.9%	+12.8%	+16.5%	+7.4%	+8.9%	+14.7%
완도군	1433.2	1396.3	1705.9	1506.1	1625.0	1773.0	1783.3	1722.6	1787.8	1551.1	1565.5	1755.2
		-2.6%	+19.0%	+5.1%	+13.4%	+23.7%	+24.4%	+20.2%	+24.7%	+8.2%	+9.2%	+22.5%
장성군	1356.0	1280.2	1599.7	1405.4	1458.5	1524.8	1541.1	1464.4	1483.9	1439.9	1432.0	1474.2
		-5.6%	+18.0%	+3.6%	+7.6%	+12.4%	+13.7%	+8.0%	+9.4%	+6.2%	+5.6%	+8.7%
장흥군	1508.8	1487.4	1805.4	1591.6	1687.5	1830.1	1861.9	1723.5	1775.4	1646.4	1639.5	1749.5
		-1.4%	+19.7%	+5.5%	+11.8%	+21.3%	+23.4%	+14.2%	+17.7%	+9.1%	+8.7%	+16.0%
진도군	1256.5	1221.0	1505.0	1309.9	1405.5	1546.6	1505.6	1490.1	1565.9	1363.0	1357.7	1528.0
		-2.8%	+19.8%	+4.2%	+11.9%	+23.1%	+19.8%	+18.6%	+24.6%	+8.5%	+8.1%	+21.6%
함평군	1284.2	1201.6	1516.1	1335.0	1400.3	1483.4	1488.3	1419.2	1463.2	1358.8	1367.6	1441.2
		-6.4%	+18.1%	+4.0%	+9.0%	+15.5%	+15.9%	+10.5%	+13.9%	+5.8%	+6.5%	+12.2%
해남군	1301.3	1280.0	1536.6	1366.8	1465.0	1588.9	1558.5	1510.0	1576.2	1408.3	1415.9	1543.1
		-1.6%	+18.1%	+5.0%	+12.6%	+22.1%	+19.8%	+16.0%	+21.1%	+8.2%	+8.8%	+18.6%
화순군	1385.3	1344.6	1632.9	1434.7	1512.9	1594.4	1616.9	1517.4	1543.2	1488.8	1473.8	1530.3
		-2.9%	+17.9%	+3.6%	+9.2%	+15.1%	+16.7%	+9.5%	+11.4%	+7.5%	+6.4%	+10.5%

표 4-28. 전라남도의 연강수량(mm) 21세기 전망과 현재 기후 값 대비 변화율(%)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	1367.3	1441.4	1368.9	1505.0	1474.7	1546.6	1674.6	1532.4	1684.1	1405.1	1489.8	1608.3
		+5.4%	+0.1%	+10.1%	+7.9%	+13.1%	+22.5%	+12.1%	+23.2%	+2.8%	+9.0%	+17.6%
강진군	1393.1	1487.0	1417.5	1579.5	1526.1	1611.2	1731.3	1570.2	1753.3	1452.3	1552.8	1661.8
		+6.7%	+1.8%	+13.4%	+9.5%	+15.7%	+24.3%	+12.7%	+25.9%	+4.2%	+11.5%	+19.3%
고흥군	1458.4	1592.3	1470.8	1687.3	1624.2	1692.3	1842.3	1663.9	1904.9	1531.5	1655.7	1784.4
		+9.2%	+0.9%	+15.7%	+11.4%	+16.0%	+26.3%	+14.1%	+30.6%	+5.0%	+13.5%	+22.4%
곡성군	1389.4	1401.5	1377.4	1488.0	1454.4	1511.5	1640.4	1515.1	1632.4	1389.5	1471.2	1573.7
		+0.9%	-0.9%	+7.1%	+4.7%	+8.8%	+18.1%	+9.0%	+17.5%	+0.0%	+5.9%	+13.3%
광양시	1564.0	1675.5	1558.1	1726.1	1695.1	1747.2	1916.3	1755.5	1954.3	1616.8	1710.6	1854.9
		+7.1%	-0.4%	+10.4%	+8.4%	+11.7%	+22.5%	+12.2%	+25.0%	+3.4%	+9.4%	+18.6%
구례군	1456.0	1475.6	1433.4	1553.2	1527.2	1602.3	1735.1	1600.5	1740.7	1454.5	1540.2	1670.6
		+1.3%	-1.5%	+6.7%	+4.9%	+10.0%	+19.2%	+9.9%	+19.6%	-0.1%	+5.8%	+14.7%
나주시	1300.8	1353.9	1287.2	1377.8	1397.1	1422.6	1567.1	1432.6	1556.2	1320.6	1387.4	1494.4
		+4.1%	-1.0%	+5.9%	+7.4%	+9.4%	+20.5%	+10.1%	+19.6%	+1.5%	+6.7%	+14.9%
담양군	1367.3	1376.5	1359.2	1435.1	1433.0	1489.6	1610.6	1477.7	1624.0	1367.8	1434.0	1550.9
		+0.7%	-0.6%	+5.0%	+4.8%	+8.9%	+17.8%	+8.1%	+18.8%	+0.0%	+4.9%	+13.4%
목포시	1165.8	1224.8	1166.9	1267.8	1238.1	1346.4	1416.1	1319.6	1438.8	1195.9	1253.0	1379.2
		+5.1%	+0.1%	+8.7%	+6.2%	+15.5%	+21.5%	+13.2%	+23.4%	+2.6%	+7.5%	+18.3%
무안군	1196.3	1250.7	1183.9	1264.2	1283.5	1362.4	1458.1	1352.6	1461.5	1217.3	1273.8	1407.1
		+4.5%	-1.0%	+5.7%	+7.3%	+13.9%	+21.9%	+13.1%	+22.2%	+1.8%	+6.5%	+17.6%
보성군	1553.5	1653.6	1553.6	1751.5	1699.6	1738.5	1911.2	1740.6	1899.5	1603.6	1725.5	1820.0
		+6.4%	+0.0%	+12.7%	+9.4%	+11.9%	+23.0%	+12.0%	+22.3%	+3.2%	+11.1%	+17.2%
순천시	1579.3	1679.1	1560.0	1732.4	1720.9	1742.1	1939.8	1763.3	1950.0	1619.6	1726.7	1856.7
		+6.3%	-1.2%	+9.7%	+9.0%	+10.3%	+22.8%	+11.7%	+23.5%	+2.6%	+9.3%	+17.6%
신안군	1151.1	1225.0	1143.6	1278.6	1230.5	1357.1	1406.3	1339.6	1419.9	1184.3	1254.5	1379.8
		+6.4%	-0.6%	+11.1%	+6.9%	+17.9%	+22.2%	+16.4%	+23.4%	+2.9%	+9.0%	+19.9%
여수시	1519.1	1656.1	1558.1	1757.0	1700.2	1753.1	1925.4	1743.4	1975.8	1607.1	1728.6	1859.6
		+9.0%	+2.6%	+15.7%	+11.9%	+15.4%	+26.7%	+14.8%	+30.1%	+5.8%	+13.8%	+22.4%
영광군	1231.5	1264.2	1225.7	1261.4	1328.0	1380.9	1484.3	1390.6	1472.3	1245.0	1294.7	1431.4
		+2.7%	-0.5%	+2.4%	+7.8%	+12.1%	+20.5%	+12.9%	+19.6%	+1.1%	+5.1%	+16.2%
영암군	1229.1	1300.5	1236.3	1356.0	1324.3	1373.0	1489.8	1367.2	1499.1	1268.4	1340.2	1433.2
		+5.8%	+0.6%	+10.3%	+7.7%	+11.7%	+21.2%	+11.2%	+22.0%	+3.2%	+9.0%	+16.6%
완도군	1433.2	1559.9	1479.3	1709.0	1567.0	1729.7	1873.1	1673.1	1866.3	1519.6	1638.0	1769.7
		+8.8%	+3.2%	+19.2%	+9.3%	+20.7%	+30.7%	+16.7%	+30.2%	+6.0%	+14.3%	+23.5%
장성군	1356.0	1375.7	1345.7	1391.0	1432.2	1479.3	1601.7	1482.5	1616.7	1360.7	1411.6	1549.6
		+1.5%	-0.7%	+2.6%	+5.6%	+9.1%	+18.1%	+9.3%	+19.2%	+0.3%	+4.1%	+14.3%
장흥군	1508.8	1609.5	1529.4	1725.2	1658.5	1738.5	1881.7	1706.3	1896.7	1569.5	1691.8	1801.5
		+6.7%	+1.4%	+14.3%	+9.9%	+15.2%	+24.7%	+13.1%	+25.7%	+4.0%	+12.1%	+19.4%
진도군	1256.5	1391.5	1265.1	1450.0	1324.6	1493.3	1566.9	1407.9	1580.3	1328.3	1387.3	1494.1
		+10.7%	+0.7%	+15.4%	+5.4%	+18.8%	+24.7%	+12.0%	+25.8%	+5.7%	+10.4%	+18.9%
함평군	1284.2	1333.6	1268.5	1325.9	1383.4	1424.9	1561.1	1422.1	1553.3	1301.0	1354.7	1487.7
		+3.8%	-1.2%	+3.2%	+7.7%	+11.0%	+21.6%	+10.7%	+21.0%	+1.3%	+5.5%	+15.8%
해남군	1301.3	1391.9	1316.4	1481.1	1402.0	1521.5	1625.0	1466.5	1622.0	1354.1	1441.5	1544.2
		+7.0%	+1.2%	+13.8%	+7.7%	+16.9%	+24.9%	+12.7%	+24.6%	+4.1%	+10.8%	+18.7%
화순군	1385.3	1431.7	1379.4	1511.5	1492.0	1506.5	1658.3	1522.3	1632.5	1405.5	1501.7	1577.4
		+3.3%	-0.4%	+9.1%	+7.7%	+8.7%	+19.7%	+9.9%	+17.8%	+1.5%	+8.4%	+13.9%

표 4-29. 전라남도의 계절별 강수량(mm) 21세기 전망과 현재 기후 값 대비 변화율(%)(SSP1-2.6)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	315.5	757.5	305.6	116.0	302.6	794.6	277.9	106.2	293.3	735.3	290.9	122.5
	+10.5%	+8.2%	+9.8%	+10.6%	+6.0%	+13.4%	-0.2%	+1.2%	+2.7%	+5.0%	+4.5%	+16.8%
강진군	356.6	757.2	317.6	117.4	327.8	785.6	288.6	107.2	319.5	750.6	311.4	124.4
	+14.4%	+9.7%	+10.0%	+12.3%	+5.2%	+13.8%	+0.0%	+2.6%	+2.5%	+8.7%	+7.9%	+19.0%
고흥군	410.8	761.7	321.7	116.7	378.3	830.7	295.6	107.4	368.6	772.0	330.2	125.6
	+13.8%	+9.2%	+8.3%	+10.6%	+4.8%	+19.1%	-0.5%	+1.8%	+2.1%	+10.7%	+11.1%	+19.1%
곡성군	263.7	813.4	307.2	115.2	260.3	854.9	267.8	101.2	257.2	777.5	271.4	118.4
	+7.3%	+6.6%	+9.6%	+13.1%	+5.9%	+12.1%	-4.5%	-0.7%	+4.7%	+1.9%	-3.2%	+16.2%
광양시	389.8	859.5	326.3	113.7	371.7	938.6	293.4	102.6	357.8	848.2	322.1	118.3
	+10.0%	+6.8%	+6.6%	+12.4%	+4.9%	+16.7%	-4.1%	+1.4%	+1.0%	+5.4%	+5.3%	+16.9%
구례군	293.7	853.8	308.0	110.6	282.0	906.3	264.2	98.0	279.7	825.1	273.4	114.2
	+9.7%	+5.0%	+10.4%	+13.7%	+5.3%	+11.4%	-5.3%	+0.7%	+4.5%	+1.4%	-2.0%	+17.4%
나주시	263.0	758.2	279.4	118.3	261.6	764.0	260.4	105.2	253.2	697.8	256.9	123.6
	+7.7%	+9.9%	+6.5%	+11.7%	+7.1%	+10.7%	-0.7%	-0.7%	+3.7%	+1.1%	-2.0%	+16.7%
담양군	260.1	805.2	292.8	118.3	262.5	833.5	261.2	105.4	257.9	761.7	257.2	121.5
	+5.6%	+7.8%	+8.9%	+10.8%	+6.5%	+11.6%	-2.8%	-1.3%	+4.7%	+2.0%	-4.3%	+13.8%
목포시	258.8	635.0	278.8	111.8	251.5	645.8	261.6	103.6	240.6	598.6	259.5	119.8
	+9.6%	+9.9%	+11.3%	+8.2%	+6.5%	+11.7%	+4.5%	+0.3%	+1.9%	+3.6%	+3.6%	+16.0%
무안군	250.3	664.0	280.2	108.8	250.5	679.2	262.9	101.0	236.9	622.6	263.9	116.7
	+7.5%	+8.9%	+10.3%	+7.4%	+7.6%	+11.3%	+3.5%	-0.3%	+1.7%	+2.1%	+3.9%	+15.2%
보성군	385.1	876.0	333.1	122.7	354.6	920.4	298.9	108.8	340.9	858.5	328.5	128.5
	+14.3%	+9.2%	+7.3%	+16.0%	+5.3%	+14.7%	-3.7%	+2.8%	+1.2%	+7.0%	+5.8%	+21.5%
순천시	380.5	886.5	330.3	117.6	361.4	948.1	291.7	104.6	345.8	865.2	323.3	122.5
	+11.5%	+6.8%	+7.5%	+15.2%	+5.9%	+14.2%	-5.1%	+2.4%	+1.3%	+4.2%	+5.2%	+20.0%
신안군	259.5	609.0	300.9	103.9	256.0	632.9	277.0	99.9	241.0	587.1	276.3	112.7
	+10.0%	+8.4%	+17.1%	+5.8%	+8.5%	+12.7%	+7.8%	+1.7%	+2.1%	+4.5%	+7.5%	+14.8%
여수시	408.4	813.0	328.7	113.5	381.6	891.8	300.7	103.4	377.5	821.5	340.5	122.7
	+10.1%	+9.3%	+8.6%	+8.9%	+2.9%	+19.9%	-0.6%	-0.8%	+1.8%	+10.4%	+12.5%	+17.8%
영광군	234.6	695.5	285.7	115.6	242.2	719.5	265.6	110.7	230.6	656.4	259.6	121.7
	+4.4%	+6.9%	+14.4%	+6.8%	+7.7%	+10.6%	+6.3%	+2.3%	+2.6%	+0.9%	+3.9%	+12.5%
영암군	270.3	693.8	281.8	110.0	258.8	702.9	260.9	99.5	249.2	655.8	270.6	116.7
	+10.8%	+10.8%	+7.6%	+11.4%	+6.1%	+12.2%	-0.4%	+0.8%	+2.1%	+4.7%	+3.3%	+18.2%
완도군	417.3	704.9	337.1	125.0	387.6	779.3	304.1	120.4	376.6	744.4	336.1	135.6
	+15.9%	+6.1%	+14.1%	+8.3%	+7.7%	+17.3%	+2.9%	+4.3%	+4.6%	+12.1%	+13.8%	+17.5%
장성군	253.1	790.0	290.1	123.0	260.3	818.5	259.0	113.2	254.3	750.2	256.1	127.2
	+4.0%	+7.0%	+10.9%	+7.9%	+6.9%	+10.8%	-1.0%	-0.7%	+4.5%	+1.6%	-2.1%	+11.6%
장흥군	390.7	833.3	333.5	122.7	356.7	873.5	299.6	111.4	346.7	835.2	326.3	129.8
	+15.5%	+9.5%	+10.0%	+13.0%	+5.4%	+14.8%	-1.2%	+2.6%	+2.5%	+9.8%	+7.6%	+19.5%
진도군	332.8	628.2	303.9	117.7	316.5	661.1	286.0	113.6	307.1	621.6	300.9	126.8
	+11.3%	+8.4%	+12.3%	+7.3%	+5.9%	+14.1%	+5.7%	+3.6%	+2.7%	+7.3%	+11.2%	+15.6%
함평군	250.9	727.1	285.2	117.9	257.1	748.2	263.9	108.8	246.9	678.9	263.5	124.9
	+5.1%	+7.7%	+8.6%	+8.2%	+7.7%	+10.8%	+0.5%	-0.2%	+3.4%	+0.5%	+0.3%	+14.6%
해남군	331.9	683.8	303.3	116.2	310.6	704.4	280.2	108.5	304.2	679.2	297.5	123.6
	+12.2%	+8.7%	+11.0%	+9.9%	+5.0%	+12.0%	+2.6%	+2.6%	+2.8%	+8.0%	+8.9%	+16.9%
화순군	278.1	815.6	296.7	116.4	268.4	841.2	271.3	101.4	260.3	767.7	274.0	119.8
	+10.1%	+8.4%	+5.8%	+15.0%	+6.3%	+11.8%	-3.3%	+0.2%	+3.1%	+2.0%	-2.3%	+18.4%

표 4-30. 전라남도의 계절별 강수량(mm) 21세기 전망과 현재 기후 값 대비 변화율(%)(SSP2-4.5)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	317.6	778.1	269.9	103.9	311.4	748.4	253.0	122.0	392.5	779.4	309.9	106.1
	+11.2%	+11.1%	-3.0%	-0.9%	+9.1%	+6.9%	-9.1%	+16.3%	+37.5%	+11.3%	+11.3%	+1.1%
강진군	346.2	792.0	274.7	104.5	338.0	739.5	263.5	124.2	428.4	770.1	318.3	109.5
	+11.1%	+14.7%	-4.8%	+0.0%	+8.5%	+7.1%	-8.7%	+18.9%	+37.5%	+11.5%	+10.3%	+4.8%
고흥군	400.6	808.8	296.6	103.4	381.8	780.3	267.4	125.4	500.7	787.1	336.8	110.1
	+11.0%	+15.9%	-0.2%	-2.0%	+5.8%	+11.9%	-10.0%	+18.9%	+38.7%	+12.8%	+13.4%	+4.4%
곡성군	272.9	832.6	273.1	101.2	272.8	807.8	243.6	121.1	334.9	818.6	292.1	102.7
	+11.1%	+9.2%	-2.6%	-0.7%	+11.0%	+5.9%	-13.1%	+18.8%	+36.3%	+7.3%	+4.2%	+0.8%
광양시	384.3	892.6	294.2	99.4	374.5	884.6	280.1	122.9	482.6	893.3	328.7	105.9
	+8.5%	+10.9%	-3.8%	-1.8%	+5.7%	+9.9%	-8.5%	+21.4%	+36.2%	+11.0%	+7.4%	+4.6%
구례군	294.2	879.7	276.2	97.5	295.6	857.6	249.1	117.9	367.0	860.0	293.4	101.2
	+9.9%	+8.1%	-1.0%	+0.2%	+10.4%	+5.4%	-10.7%	+21.2%	+37.1%	+5.7%	+5.2%	+4.0%
나주시	272.1	758.1	250.3	104.1	270.7	719.8	232.6	122.4	334.6	775.4	286.9	105.5
	+11.4%	+9.9%	-4.6%	-1.7%	+10.9%	+4.3%	-11.3%	+15.6%	+37.0%	+12.4%	+9.4%	-0.4%
담양군	275.0	796.9	257.2	105.8	274.7	789.5	240.1	123.1	333.1	805.9	292.1	103.6
	+11.6%	+6.7%	-4.3%	-0.9%	+11.5%	+5.7%	-10.7%	+15.3%	+35.2%	+7.9%	+8.7%	-3.0%
목포시	266.5	642.8	245.4	100.7	264.3	602.5	226.9	115.6	326.2	658.2	283.4	100.8
	+12.9%	+11.2%	-2.0%	-2.5%	+11.9%	+4.2%	-9.4%	+11.9%	+38.2%	+13.9%	+13.2%	-2.4%
무안군	262.5	668.1	244.1	98.9	259.7	638.5	231.0	113.1	324.2	701.0	296.5	98.3
	+12.7%	+9.5%	-3.9%	-2.4%	+11.5%	+4.7%	-9.1%	+11.6%	+39.2%	+14.9%	+16.7%	-3.0%
보성군	374.1	918.5	297.5	105.2	365.0	869.4	279.1	127.7	467.3	889.1	335.3	112.4
	+11.0%	+14.5%	-4.2%	-0.6%	+8.3%	+8.4%	-10.1%	+20.7%	+38.7%	+10.8%	+8.0%	+6.2%
순천시	374.3	926.3	297.3	103.2	368.5	902.5	276.3	125.0	470.1	905.8	328.6	108.3
	+9.6%	+11.5%	-3.2%	+1.1%	+7.9%	+8.7%	-10.1%	+22.4%	+37.7%	+9.1%	+6.9%	+6.1%
신안군	270.7	621.8	247.5	96.3	266.2	599.0	246.6	107.7	332.0	639.0	302.1	95.5
	+14.7%	+10.7%	-3.7%	-1.9%	+12.8%	+6.6%	-4.0%	+9.7%	+40.7%	+13.8%	+17.5%	-2.7%
여수시	405.5	869.8	301.9	101.5	383.3	831.8	283.0	122.0	503.8	842.2	342.0	108.1
	+9.4%	+16.9%	-0.2%	-2.6%	+3.4%	+11.8%	-6.5%	+17.1%	+35.9%	+13.2%	+13.0%	+3.7%
영광군	253.7	672.3	242.2	109.8	250.4	676.5	231.8	120.9	312.5	728.4	312.8	101.0
	+12.9%	+3.3%	-3.0%	+1.5%	+11.4%	+4.0%	-7.2%	+11.7%	+39.0%	+11.9%	+25.2%	-6.6%
영암군	270.4	704.6	251.8	97.4	269.4	659.2	234.3	114.9	335.9	703.6	285.4	100.4
	+10.8%	+12.5%	-3.8%	-1.3%	+10.4%	+5.3%	-10.5%	+16.4%	+37.7%	+12.3%	+9.0%	+1.7%
완도군	403.3	761.2	298.4	113.4	390.3	733.7	283.5	134.1	489.9	747.0	354.9	121.8
	+12.0%	+14.6%	+1.0%	-1.7%	+8.4%	+10.5%	-4.0%	+16.2%	+36.1%	+12.5%	+20.1%	+5.5%
장성군	271.1	769.5	251.9	113.1	270.3	774.9	240.5	128.3	329.4	803.6	298.5	106.3
	+11.4%	+4.2%	-3.7%	-0.8%	+11.1%	+4.9%	-8.1%	+12.5%	+35.3%	+8.8%	+14.1%	-6.7%
장흥군	376.3	876.7	290.5	108.1	366.4	815.8	274.8	129.7	468.7	857.5	334.3	114.0
	+11.2%	+15.2%	-4.2%	-0.5%	+8.3%	+7.2%	-9.4%	+19.4%	+38.5%	+12.7%	+10.3%	+5.0%
진도군	336.4	650.3	263.2	108.4	323.5	616.7	251.5	122.1	409.5	669.3	295.8	111.6
	+12.5%	+12.2%	-2.8%	-1.2%	+8.2%	+6.4%	-7.1%	+11.3%	+37.0%	+15.5%	+9.3%	+1.7%
함평군	268.0	724.0	252.9	107.7	264.6	699.7	236.9	121.5	330.1	761.3	307.1	103.7
	+12.2%	+7.2%	-3.7%	-1.2%	+10.8%	+3.6%	-9.8%	+11.5%	+38.2%	+12.7%	+16.9%	-4.9%
해남군	329.5	708.1	261.7	104.7	321.1	674.8	247.8	121.6	407.2	704.2	299.3	108.2
	+11.4%	+12.6%	-4.2%	-0.9%	+8.5%	+7.3%	-9.3%	+15.0%	+37.6%	+12.0%	+9.6%	+2.4%
화순군	280.3	844.1	269.4	100.7	279.3	789.5	245.1	121.6	347.7	825.3	293.9	104.5
	+11.0%	+12.2%	-3.9%	-0.5%	+10.6%	+4.9%	-12.6%	+20.2%	+37.7%	+9.7%	+4.8%	+3.3%

표 4-31. 전라남도의 계절별 강수량(mm) 21세기 전망과 현재 기후 값 대비 변화율(%)(SSP3-7.0)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	313.4	780.8	269.4	108.1	291.0	749.9	305.0	128.3	377.4	758.1	304.2	126.6
	+9.8%	+11.5%	-3.2%	+3.1%	+1.9%	+7.1%	+9.6%	+22.3%	+32.2%	+8.2%	+9.3%	+20.7%
강진군	339.4	794.5	274.7	111.6	319.6	757.5	316.7	130.2	406.3	765.5	328.6	127.3
	+8.9%	+15.1%	-4.8%	+6.8%	+2.6%	+9.7%	+9.7%	+24.6%	+30.4%	+10.9%	+13.9%	+21.8%
고흥군	389.0	812.3	288.1	110.1	368.9	773.0	313.9	133.1	464.6	785.3	343.2	127.3
	+7.8%	+16.4%	-3.0%	+4.4%	+2.2%	+10.8%	+5.7%	+26.2%	+28.7%	+12.6%	+15.5%	+20.7%
곡성군	272.4	847.8	265.8	105.1	246.2	801.0	296.6	127.8	330.3	777.6	273.3	123.9
	+10.9%	+11.1%	-5.2%	+3.1%	+0.2%	+5.0%	+5.8%	+25.4%	+34.4%	+1.9%	-2.5%	+21.6%
광양시	380.9	899.5	289.9	103.1	349.4	908.3	324.9	129.5	451.2	881.1	326.3	126.9
	+7.5%	+11.8%	-5.3%	+1.9%	-1.4%	+12.9%	+6.2%	+28.0%	+27.3%	+9.5%	+6.6%	+25.4%
구례군	295.5	897.7	262.1	99.0	265.9	870.1	294.9	124.6	356.4	837.9	275.8	122.4
	+10.4%	+10.4%	-6.0%	+1.7%	-0.7%	+7.0%	+5.7%	+28.1%	+33.1%	+3.0%	-1.1%	+25.8%
나주시	274.6	751.4	247.4	109.1	252.1	726.3	288.6	127.7	327.8	737.3	268.0	128.5
	+12.4%	+8.9%	-5.7%	+3.0%	+3.2%	+5.3%	+10.0%	+20.6%	+34.2%	+6.9%	+2.2%	+21.3%
담양군	275.7	818.8	260.6	107.8	248.5	771.3	292.9	129.2	334.6	754.4	265.6	126.1
	+11.9%	+9.6%	-3.0%	+0.9%	+0.9%	+3.3%	+9.0%	+21.0%	+35.8%	+1.0%	-1.2%	+18.1%
목포시	265.6	626.3	246.5	106.0	244.9	603.8	284.8	120.5	319.7	634.4	285.3	121.5
	+12.5%	+8.4%	-1.5%	+2.6%	+3.7%	+4.5%	+13.7%	+16.7%	+35.4%	+9.8%	+13.9%	+17.6%
무안군	261.4	654.2	254.7	101.9	239.1	634.5	288.4	118.3	316.4	658.2	285.6	120.0
	+12.2%	+7.2%	+0.2%	+0.6%	+2.7%	+4.0%	+13.5%	+16.8%	+35.9%	+7.9%	+12.4%	+18.5%
보성군	367.6	914.6	297.6	111.0	343.6	884.2	322.4	135.8	432.6	856.9	336.9	132.7
	+9.1%	+14.0%	-4.1%	+4.9%	+2.0%	+10.2%	+3.8%	+28.4%	+28.4%	+6.8%	+8.5%	+25.4%
순천시	371.4	934.6	289.1	104.7	341.8	916.3	320.0	131.0	440.7	889.1	321.0	130.0
	+8.8%	+12.5%	-5.9%	+2.5%	+0.1%	+10.3%	+4.1%	+28.3%	+29.1%	+7.1%	+4.5%	+27.3%
신안군	265.0	609.2	261.5	98.9	246.4	565.4	302.0	114.6	323.5	625.8	321.3	116.9
	+12.3%	+8.5%	+1.8%	+0.7%	+4.4%	+0.7%	+17.5%	+16.7%	+37.1%	+11.4%	+25.0%	+19.0%
여수시	392.1	868.7	300.5	107.5	370.5	842.7	325.6	129.3	474.1	863.8	337.1	126.0
	+5.7%	+16.8%	-0.7%	+3.2%	-0.1%	+13.3%	+7.6%	+24.1%	+27.9%	+16.1%	+11.4%	+20.9%
영광군	252.8	681.1	262.8	105.1	225.2	658.1	292.9	124.5	314.3	670.9	277.9	125.8
	+12.5%	+4.7%	+5.2%	-2.9%	+0.2%	+1.1%	+17.3%	+15.1%	+39.8%	+3.1%	+11.2%	+16.3%
영암군	272.3	694.5	249.4	103.5	252.4	675.0	294.5	120.2	324.7	678.6	285.8	120.1
	+11.6%	+10.9%	-4.8%	+4.9%	+3.4%	+7.8%	+12.4%	+21.8%	+33.1%	+8.4%	+9.1%	+21.7%
완도군	383.2	765.8	278.5	124.2	378.4	718.9	330.1	142.6	471.6	795.2	351.4	135.5
	+6.4%	+15.3%	-5.7%	+7.6%	+5.1%	+8.2%	+11.7%	+23.6%	+31.0%	+19.7%	+19.0%	+17.4%
장성군	274.2	792.7	260.5	112.5	243.1	763.2	294.3	134.2	335.7	740.6	265.0	131.9
	+12.7%	+7.3%	-0.4%	-1.3%	-0.1%	+3.3%	+12.5%	+17.7%	+37.9%	+0.3%	+1.3%	+15.7%
장흥군	369.3	872.4	289.6	115.3	347.3	836.2	323.6	136.0	438.9	833.1	343.7	132.8
	+9.1%	+14.7%	-4.5%	+6.2%	+2.6%	+9.9%	+6.7%	+25.2%	+29.7%	+9.5%	+13.4%	+22.3%
진도군	320.2	664.8	264.4	114.1	311.7	614.7	304.2	130.2	390.1	680.1	328.9	128.7
	+7.1%	+14.7%	-2.3%	+4.0%	+4.2%	+6.1%	+12.4%	+18.7%	+30.5%	+17.4%	+21.5%	+17.3%
함평군	268.6	718.8	262.1	108.9	243.0	704.1	296.3	127.3	326.0	707.6	278.9	128.7
	+12.5%	+6.4%	-0.2%	-0.1%	+1.8%	+4.3%	+12.8%	+16.8%	+36.5%	+4.8%	+6.2%	+18.1%
해남군	322.2	716.6	258.2	111.4	304.7	676.1	309.4	129.0	387.5	717.4	311.2	126.6
	+8.9%	+13.9%	-5.5%	+5.4%	+3.0%	+7.5%	+13.3%	+22.0%	+31.0%	+14.1%	+13.9%	+19.8%
화순군	280.7	840.2	261.4	106.7	260.1	797.9	291.5	127.1	335.7	786.7	282.6	125.3
	+11.2%	+11.6%	-6.8%	+5.4%	+3.0%	+6.0%	+3.9%	+25.6%	+33.0%	+4.5%	+0.7%	+23.8%

표 4-32. 전라남도의 계절별 강수량(mm) 21세기 전망과 현재 기후 값 대비 변화율(%)(SSP5-8.5)

구분	전반기(2021-2040년)				중반기(2041-2060년)				후반기(2081-2100년)			
	봄	여름	가을	겨울	봄	여름	가을	겨울	봄	여름	가을	겨울
전라남도	308.2	733.2	253.4	111.6	339.0	742.8	285.3	123.9	384.2	815.3	266.5	139.4
	+8.0%	+4.7%	-9.0%	+6.4%	+18.7%	+6.1%	+2.5%	+18.1%	+34.6%	+16.4%	-4.3%	+32.9%
강진군	343.1	738.4	255.7	116.1	377.0	757.9	296.2	123.8	410.7	830.9	276.0	140.4
	+10.1%	+7.0%	-11.4%	+11.1%	+21.0%	+9.8%	+2.6%	+18.5%	+31.8%	+20.4%	-4.4%	+34.4%
고흥군	391.5	740.1	283.4	118.4	432.0	783.9	318.8	122.5	472.6	882.7	279.3	146.4
	+8.5%	+6.1%	-4.6%	+12.2%	+19.7%	+12.4%	+7.3%	+16.1%	+31.0%	+26.5%	-6.0%	+38.8%
곡성군	254.6	782.2	248.0	105.6	285.7	785.6	278.9	122.0	333.9	843.5	255.2	139.0
	+3.6%	+2.5%	-11.5%	+3.6%	+16.3%	+3.0%	-0.5%	+19.7%	+35.9%	+10.6%	-9.0%	+36.4%
광양시	373.8	849.3	285.8	109.9	414.4	878.0	300.3	118.9	450.0	986.2	274.7	141.5
	+5.5%	+5.6%	-6.6%	+8.6%	+17.0%	+9.1%	-1.9%	+17.5%	+27.0%	+22.6%	-10.2%	+39.8%
구례군	278.4	830.6	244.7	102.1	311.6	838.4	275.5	115.5	360.0	921.9	251.0	135.6
	+4.0%	+2.1%	-12.3%	+4.9%	+16.4%	+3.1%	-1.2%	+18.7%	+34.5%	+13.3%	-10.0%	+39.4%
나주시	262.6	714.5	234.4	110.1	289.3	711.7	260.9	126.8	335.2	767.8	249.4	139.2
	+7.5%	+3.6%	-10.6%	+4.0%	+18.5%	+3.1%	-0.5%	+19.7%	+37.3%	+11.3%	-4.9%	+31.4%
담양군	257.0	760.7	242.6	108.8	283.5	756.2	269.3	125.9	338.9	806.8	261.1	141.7
	+4.3%	+1.8%	-9.7%	+1.9%	+15.1%	+1.2%	+0.2%	+17.9%	+37.5%	+8.0%	-2.9%	+32.7%
목포시	258.9	605.2	226.9	105.9	283.8	598.9	249.7	121.6	325.8	668.9	251.5	129.7
	+9.7%	+4.7%	-9.4%	+2.5%	+20.2%	+3.6%	-0.3%	+17.7%	+38.0%	+15.7%	+0.4%	+25.6%
무안군	252.6	630.4	232.1	103.3	275.8	625.9	253.7	119.3	323.6	694.7	256.2	129.7
	+8.5%	+3.3%	-8.6%	+2.0%	+18.4%	+2.6%	-0.1%	+17.8%	+38.9%	+13.9%	+0.8%	+28.0%
보성군	364.7	842.0	281.3	117.1	405.9	872.0	322.1	127.6	442.2	945.1	281.7	148.1
	+8.3%	+4.9%	-9.4%	+10.7%	+20.5%	+8.7%	+3.7%	+20.6%	+31.3%	+17.8%	-9.3%	+40.0%
순천시	364.1	866.2	279.8	111.2	405.4	896.1	304.3	122.3	445.7	990.7	272.5	145.2
	+6.6%	+4.3%	-8.9%	+8.9%	+18.7%	+7.9%	-1.0%	+19.8%	+30.6%	+19.3%	-11.3%	+42.2%
신안군	264.1	583.8	235.0	102.7	286.1	578.9	275.6	114.4	335.2	649.9	267.0	124.7
	+11.9%	+3.9%	-8.6%	+4.6%	+21.2%	+3.1%	+7.2%	+16.5%	+42.0%	+15.7%	+3.9%	+27.0%
여수시	393.8	806.9	292.9	116.0	431.9	852.0	324.7	121.0	474.3	954.0	284.7	143.6
	+6.2%	+8.5%	-3.2%	+11.3%	+16.5%	+14.5%	+7.3%	+16.1%	+27.9%	+28.2%	-5.9%	+37.8%
영광군	241.4	662.4	235.9	106.5	259.9	651.6	256.8	126.6	324.5	703.8	263.8	137.6
	+7.4%	+1.8%	-5.6%	-1.6%	+15.6%	+0.1%	+2.8%	+17.0%	+44.4%	+8.2%	+5.6%	+27.2%
영암군	266.5	663.9	234.3	104.4	294.7	665.1	263.9	118.1	330.1	715.6	254.5	129.9
	+9.2%	+6.0%	-10.5%	+5.8%	+20.8%	+6.2%	+0.8%	+19.7%	+35.3%	+14.3%	-2.8%	+31.6%
완도군	399.5	716.1	273.4	131.8	434.2	739.7	331.2	134.5	484.2	838.2	292.9	149.3
	+11.0%	+7.8%	-7.4%	+14.2%	+20.6%	+11.4%	+12.1%	+16.6%	+34.5%	+26.2%	-0.8%	+29.4%
장성군	255.8	751.3	241.4	113.3	279.7	737.1	262.2	133.1	341.3	794.8	265.1	146.0
	+5.1%	+1.7%	-7.7%	-0.6%	+14.9%	-0.2%	+0.2%	+16.8%	+40.2%	+7.6%	+1.3%	+28.1%
장흥군	372.4	805.8	271.9	120.6	410.0	837.9	317.2	128.8	445.9	917.0	287.2	147.7
	+10.0%	+5.9%	-10.3%	+11.0%	+21.2%	+10.1%	+4.6%	+18.6%	+31.8%	+20.5%	-5.3%	+36.0%
진도군	334.6	629.9	246.5	118.4	361.1	612.6	286.7	128.2	404.0	687.1	262.0	136.8
	+11.9%	+8.7%	-8.9%	+7.9%	+20.8%	+5.7%	+5.9%	+16.9%	+35.1%	+18.6%	-3.2%	+24.7%
함평군	255.0	695.3	241.7	110.2	279.2	685.3	262.3	128.6	336.8	745.9	263.9	138.6
	+6.8%	+3.0%	-7.9%	+1.1%	+16.9%	+1.5%	-0.1%	+18.0%	+41.0%	+10.5%	+0.5%	+27.2%
해남군	327.9	672.1	239.5	115.6	357.7	680.4	281.4	123.9	393.8	748.9	260.7	136.8
	+10.8%	+6.9%	-12.3%	+9.4%	+20.9%	+8.2%	+3.0%	+17.2%	+33.1%	+19.1%	-4.6%	+29.4%
화순군	268.4	783.9	246.5	107.6	299.4	796.0	285.4	122.6	342.4	841.2	252.8	138.6
	+6.3%	+4.2%	-12.1%	+6.3%	+18.6%	+5.8%	+1.7%	+21.1%	+35.6%	+11.8%	-9.9%	+37.0%

2. 극한기후지수

1) 고온 극한기후지수

여름철 최고기온 관련 지수

- SSP 시나리오에 따른 전라남도 폭염일수는 현재(2000-2019년, 12.2일) 대비 21세기 중반기에 16.9~30.2일, 21세기 후반기에 21.7~84.1일 증가하고, 일최고기온 연최대는 현재(35.0℃) 대비 21세기 중반기에 2.5~3.4℃, 21세기 후반기에 2.5~6.9℃ 증가할 것으로 전망됨.
  - SSP1-2.6 시나리오에서 전라남도 폭염일수는 현재 대비 21세기 중/후반기에 16.9일, 21.7일 증가하고, 일최고기온 연최대는 21세기 중, 후반기에 2.5℃ 증가할 것으로 전망됨.
  - SSP2-4.5 시나리오에서 전라남도 폭염일수는 현재 대비 21세기 중/후반기에 21.7일, 37.8일 증가하고, 일최고기온 연최대는 21세기 중/후반기에 2.8℃, 3.9℃ 증가할 것으로 전망됨.
  - SSP3-7.0 시나리오에서 전라남도 폭염일수는 현재 대비 21세기 중/후반기에 27.5일, 67.6일 증가하고, 일최고기온 연최대는 21세기 중/후반기에 3.4℃, 6.1℃ 증가할 것으로 전망됨.
  - SSP5-8.5 시나리오에서 전라남도 폭염일수는 현재 대비 21세기 중/후반기에 30.2일, 84.1일 증가하고, 일최고기온 연최대는 21세기 중/후반기에 3.4℃, 6.9℃ 증가할 것으로 전망됨.
- SSP5-8.5 시나리오에서 현재 대비 21세기 후반기 전라남도 폭염일수 증가폭(+84.1일)은 SSP1-2.6 시나리오에서의 증가폭(+21.7일) 보다 62.4일 크게 나타나며, SSP5-8.5 시나리오에서 21세기 후반기 일최고기온 연최대 증가폭(+6.9℃)은 SSP1-2.6 시나리오에서의 증가폭(+2.5℃) 보다 4.4℃ 크게 나타남.
  - SSP5-8.5에서 21세기 후반기 전라남도 내 폭염일수 증가폭이 가장 큰 지역은 구례군/담양군(+94.0일)이며 가장 작은 지역은 완도군(+69.3일)로 나타남.
  - SSP5-8.5에서 21세기 후반기 전라남도 내 일최고기온 연최대 증가폭이 가장 큰 지역은 곡성군/구례군/화순군(+8.2℃)이며 가장 작은 지역은 신안군(+5.0℃)로 나타남.

여름철 최저기온 관련 지수

- SSP 시나리오에 따른 전라남도 열대야일수는 현재(2000-2019년, 7.1일) 대비 21세기 중반기에 28.5~38.4일, 21세기 후반기에 30.1~78.5일 증가하고, 일최저기온 연최대는 현재(26.0℃) 대비 21세기 중반기에 2.6~3.4℃, 21세기 후반기에 2.7~6.4℃ 증가할 것으로 전망됨.
  - SSP1-2.6 시나리오에서 전라남도 열대야일수는 현재 대비 21세기 중/후반기에 28.5일, 30.1일 증가하고, 일최저기온 연최대는 21세기 중/후반기에 2.6℃, 2.7℃ 증가할 것으로 전망됨.
  - SSP2-4.5 시나리오에서 전라남도 열대야일수는 현재 대비 21세기 중/후반기에 33.2일, 47.4일 증가하고, 일최저기온 연최대는 21세기 중/후반기에 3.1℃, 3.9℃ 증가할 것으로 전망됨.
  - SSP3-7.0 시나리오에서 전라남도 열대야일수는 현재 대비 21세기 중/후반기에 36.2일, 68.4일 증가하고, 일최저기온 연최대는 21세기 중/후반기에 3.2℃, 5.6℃ 증가할 것으로 전망됨.

- SSP5-8.5 시나리오에서 전라남도 열대야일수는 현재 대비 21세기 중/후반기에 38.4일, 78.5일 증가하고, 일최저기온 연최대는 21세기 중/후반기에 3.4℃, 6.4℃ 증가할 것으로 전망됨.

● SSP5-8.5 시나리오에서 현재 대비 21세기 후반기 전라남도 열대야일수 증가폭(+78.5일)은 SSP1-2.6 시나리오에서의 증가폭(+30.1일) 보다 48.4일 크게 나타나며, SSP5-8.5 시나리오에서 21세기 후반기 일최저기온 연최대 증가폭(+6.4℃)은 SSP1-2.6 시나리오에서의 증가폭(+2.7℃) 보다 3.7℃ 크게 나타남.

- SSP5-8.5에서 21세기 후반기 전라남도 내 열대야일수 증가폭이 가장 큰 지역은 여수시(+86.5일)이며 가장 작은 지역은 보성군(+73.7일)로 나타남.

- SSP5-8.5에서 21세기 후반기 전라남도 내 일최저기온 연최대 증가폭이 가장 큰 지역은 곡성군(+7.0℃)이며 가장 작은 지역은 완도군/진도군(+5.4℃)로 나타남.

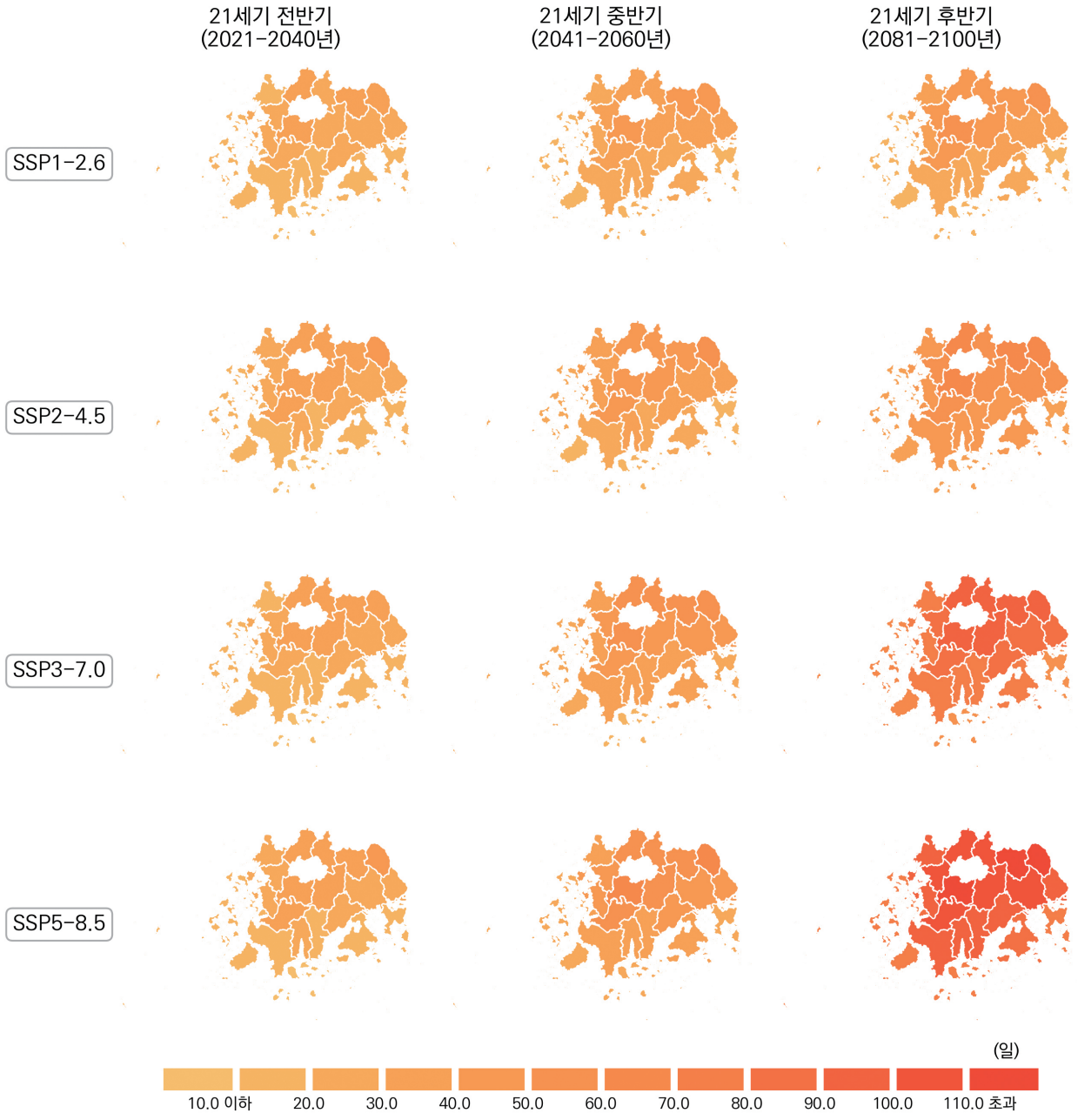


그림 4-18. 전라남도의 폭염일수(일) 전망 분포도

표 4-33. 전라남도의 폭염일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	12.2	19.2	24.4	30.2	28.1	30.0	30.5	35.0	32.9	21.8	29.1	33.9
		+7.0	+12.2	+18.0	+15.9	+17.8	+18.3	+22.8	+20.7	+9.6	+16.9	+21.7
강진군	8.7	15.4	20.5	26.8	24.5	26.3	26.3	30.5	28.8	17.9	25.7	29.6
		+6.7	+11.8	+18.1	+15.8	+17.6	+17.6	+21.8	+20.1	+9.2	+17.0	+20.9
고흥군	7.1	12.5	17.2	23.0	20.6	22.4	22.4	26.3	23.1	14.8	21.8	24.7
		+5.4	+10.1	+15.9	+13.5	+15.3	+15.3	+19.2	+16.0	+7.7	+14.7	+17.6
곡성군	18.3	29.8	34.9	41.6	39.1	41.9	43.7	48.0	47.5	32.3	40.3	47.7
		+11.5	+16.6	+23.3	+20.8	+23.6	+25.4	+29.7	+29.2	+14.0	+22.0	+29.4
광양시	13.7	21.5	26.8	33.0	30.7	32.6	33.4	38.6	35.1	24.1	31.8	36.9
		+7.8	+13.1	+19.3	+17.0	+18.9	+19.7	+24.9	+21.4	+10.4	+18.1	+23.2
구례군	22.9	33.7	39.3	45.9	43.4	46.8	48.9	53.3	52.3	36.5	44.6	52.8
		+10.8	+16.4	+23.0	+20.5	+23.9	+26.0	+30.4	+29.4	+13.6	+21.7	+29.9
나주시	21.1	33.0	38.2	45.2	42.2	45.4	47.2	52.4	51.5	35.6	43.7	51.9
		+11.9	+17.1	+24.1	+21.1	+24.3	+26.1	+31.3	+30.4	+14.5	+22.6	+30.8
담양군	15.1	27.5	32.0	38.5	36.3	38.4	39.5	44.2	44.0	29.8	37.4	44.1
		+12.4	+16.9	+23.4	+21.2	+23.3	+24.4	+29.1	+28.9	+14.7	+22.3	+29.0
목포시	8.4	12.9	19.1	24.5	22.5	23.8	23.6	28.7	25.4	16.0	23.5	27.1
		+4.5	+10.7	+16.1	+14.1	+15.4	+15.2	+20.3	+17.0	+7.6	+15.1	+18.7
무안군	11.7	17.5	24.3	29.7	27.2	29.5	29.2	34.6	31.6	20.9	28.5	33.1
		+5.8	+12.6	+18.0	+15.5	+17.8	+17.5	+22.9	+19.9	+9.2	+16.8	+21.4
보성군	12.1	18.5	23.1	29.0	27.4	28.8	30.0	34.1	32.6	20.8	28.2	33.4
		+6.4	+11.0	+16.9	+15.3	+16.7	+17.9	+22.0	+20.5	+8.7	+16.1	+21.3
순천시	14.5	22.7	28.1	34.0	32.3	34.2	35.4	40.8	38.0	25.4	33.2	39.4
		+8.2	+13.6	+19.5	+17.8	+19.7	+20.9	+26.3	+23.5	+10.9	+18.7	+24.9
신안군	6.8	8.1	13.7	18.4	17.2	17.9	17.5	21.9	17.6	10.9	17.8	19.7
		+1.3	+6.9	+11.6	+10.4	+11.1	+10.7	+15.1	+10.8	+4.1	+11.0	+12.9
여수시	4.4	8.3	11.9	15.2	14.5	14.5	14.5	17.8	15.3	10.1	14.8	16.5
		+3.9	+7.5	+10.8	+10.1	+10.1	+10.1	+13.4	+10.9	+5.7	+10.4	+12.1
영광군	10.5	16.2	22.0	27.7	25.3	27.2	27.0	31.9	28.8	19.1	26.5	30.3
		+5.7	+11.5	+17.2	+14.8	+16.7	+16.5	+21.4	+18.3	+8.6	+16.0	+19.8
영암군	15.8	25.2	30.8	37.3	34.9	37.6	37.9	43.6	42.3	28.0	36.1	42.9
		+9.4	+15.0	+21.5	+19.1	+21.8	+22.1	+27.8	+26.5	+12.2	+20.3	+27.1
완도군	3.9	5.0	9.3	13.8	12.3	13.6	12.4	16.2	11.5	7.2	13.0	13.8
		+1.1	+5.4	+9.9	+8.4	+9.7	+8.5	+12.3	+7.6	+3.3	+9.1	+9.9
장성군	16.7	29.0	33.6	39.7	37.6	40.0	40.6	45.5	45.1	31.3	38.7	45.3
		+12.3	+16.9	+23.0	+20.9	+23.3	+23.9	+28.8	+28.4	+14.6	+22.0	+28.6
장흥군	9.2	14.7	19.1	25.6	23.2	25.1	25.3	29.2	27.2	16.9	24.4	28.2
		+5.5	+9.9	+16.4	+14.0	+15.9	+16.1	+20.0	+18.0	+7.7	+15.2	+19.0
진도군	5.9	7.7	12.5	16.6	15.8	16.4	16.3	19.7	16.3	10.1	16.2	18.0
		+1.8	+6.6	+10.7	+9.9	+10.5	+10.4	+13.8	+10.4	+4.2	+10.3	+12.1
함평군	15.0	23.6	29.9	35.3	32.9	35.8	35.7	41.0	39.4	26.7	34.1	40.2
		+8.6	+14.9	+20.3	+17.9	+20.8	+20.7	+26.0	+24.4	+11.7	+19.1	+25.2
해남군	8.3	13.6	18.8	24.6	22.6	24.5	24.0	28.0	26.3	16.2	23.6	27.1
		+5.3	+10.5	+16.3	+14.3	+16.2	+15.7	+19.7	+18.0	+7.9	+15.3	+18.8
화순군	17.1	26.5	31.7	37.9	35.9	38.0	39.7	44.2	43.3	29.1	36.9	43.7
		+9.4	+14.6	+20.8	+18.8	+20.9	+22.6	+27.1	+26.2	+12.0	+19.8	+26.6

표 4-34. 전라남도의 폭염일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	12.2	21.9	27.1	33.0	34.7	43.9	42.2	46.8	53.2	24.5	33.9	50.0
		+9.7	+14.9	+20.8	+22.5	+31.7	+30.0	+34.6	+41.0	+12.3	+21.7	+37.8
강진군	8.7	18.4	23.0	30.4	30.4	40.1	38.6	42.9	49.5	20.7	30.4	46.2
		+9.7	+14.3	+21.7	+21.7	+31.4	+29.9	+34.2	+40.8	+12.0	+21.7	+37.5
고흥군	7.1	14.6	19.1	26.1	26.9	35.4	34.7	37.9	45.3	16.8	26.5	41.6
		+7.5	+12.0	+19.0	+19.8	+28.3	+27.6	+30.8	+38.2	+9.7	+19.4	+34.5
곡성군	18.3	33.2	39.6	45.0	46.6	57.0	54.3	60.3	65.9	36.4	45.8	63.1
		+14.9	+21.3	+26.7	+28.3	+38.7	+36.0	+42.0	+47.6	+18.1	+27.5	+44.8
광양시	13.7	24.2	29.7	36.9	36.7	47.3	45.5	49.5	55.5	27.0	36.8	52.5
		+10.5	+16.0	+23.2	+23.0	+33.6	+31.8	+35.8	+41.8	+13.3	+23.1	+38.8
구례군	22.9	37.5	44.3	49.6	52.1	62.3	60.0	66.7	71.1	40.9	50.8	68.9
		+14.6	+21.4	+26.7	+29.2	+39.4	+37.1	+43.8	+48.2	+18.0	+27.9	+46.0
나주시	21.1	35.9	42.4	48.2	51.0	60.9	57.8	65.0	69.6	39.1	49.6	67.3
		+14.8	+21.3	+27.1	+29.9	+39.8	+36.7	+43.9	+48.5	+18.0	+28.5	+46.2
담양군	15.1	30.0	36.4	41.6	43.1	53.6	50.7	57.0	62.5	33.2	42.3	59.7
		+14.9	+21.3	+26.5	+28.0	+38.5	+35.6	+41.9	+47.4	+18.1	+27.2	+44.6
목포시	8.4	15.3	20.4	26.4	29.0	37.3	36.6	40.2	47.3	17.8	27.7	43.8
		+6.9	+12.0	+18.0	+20.6	+28.9	+28.2	+31.8	+38.9	+9.4	+19.3	+35.4
무안군	11.7	20.3	25.8	31.7	34.4	42.9	42.0	46.2	52.6	23.0	33.0	49.4
		+8.6	+14.1	+20.0	+22.7	+31.2	+30.3	+34.5	+40.9	+11.3	+21.3	+37.7
보성군	12.1	21.1	26.3	33.1	33.3	43.5	41.0	45.7	51.6	23.7	33.2	48.6
		+9.0	+14.2	+21.0	+21.2	+31.4	+28.9	+33.6	+39.5	+11.6	+21.1	+36.5
순천시	14.5	25.9	31.3	38.3	38.7	49.6	47.2	52.0	57.8	28.6	38.5	54.9
		+11.4	+16.8	+23.8	+24.2	+35.1	+32.7	+37.5	+43.3	+14.1	+24.0	+40.4
신안군	6.8	10.3	14.4	19.3	22.6	29.5	28.8	32.0	40.0	12.3	21.0	36.0
		+3.5	+7.6	+12.5	+15.8	+22.7	+22.0	+25.2	+33.2	+5.5	+14.2	+29.2
여수시	4.4	10.0	12.6	17.9	18.2	25.7	25.3	28.2	34.8	11.3	18.1	31.5
		+5.6	+8.2	+13.5	+13.8	+21.3	+20.9	+23.8	+30.4	+6.9	+13.7	+27.1
영광군	10.5	18.3	23.8	28.8	32.3	40.2	39.4	43.4	50.7	21.0	30.6	47.0
		+7.8	+13.3	+18.3	+21.8	+29.7	+28.9	+32.9	+40.2	+10.5	+20.1	+36.5
영암군	15.8	28.1	34.0	40.6	42.7	52.4	50.3	56.5	61.4	31.0	41.6	59.0
		+12.3	+18.2	+24.8	+26.9	+36.6	+34.5	+40.7	+45.6	+15.2	+25.8	+43.2
완도군	3.9	7.0	9.4	15.5	18.0	25.2	24.5	26.8	36.8	8.2	16.7	31.8
		+3.1	+5.5	+11.6	+14.1	+21.3	+20.6	+22.9	+32.9	+4.3	+12.8	+27.9
장성군	16.7	31.2	37.8	42.6	44.9	55.2	52.1	58.5	63.9	34.5	43.7	61.2
		+14.5	+21.1	+25.9	+28.2	+38.5	+35.4	+41.8	+47.2	+17.8	+27.0	+44.5
장흥군	9.2	17.4	21.9	28.9	29.2	38.6	37.0	40.9	47.6	19.6	29.0	44.2
		+8.2	+12.7	+19.7	+20.0	+29.4	+27.8	+31.7	+38.4	+10.4	+19.8	+35.0
진도군	5.9	9.8	13.7	18.9	21.1	27.6	27.3	30.5	38.5	11.8	20.0	34.5
		+3.9	+7.8	+13.0	+15.2	+21.7	+21.4	+24.6	+32.6	+5.9	+14.1	+28.6
함평군	15.0	26.8	32.4	37.9	40.8	49.9	48.0	53.2	58.8	29.6	39.4	56.0
		+11.8	+17.4	+22.9	+25.8	+34.9	+33.0	+38.2	+43.8	+14.6	+24.4	+41.0
해남군	8.3	16.4	21.1	27.8	28.5	37.6	36.7	40.5	47.2	18.8	28.2	43.8
		+8.1	+12.8	+19.5	+20.2	+29.3	+28.4	+32.2	+38.9	+10.5	+19.9	+35.5
화순군	17.1	29.6	35.5	41.5	43.0	53.0	50.2	56.0	61.3	32.6	42.2	58.6
		+12.5	+18.4	+24.4	+25.9	+35.9	+33.1	+38.9	+44.2	+15.5	+25.1	+41.5

표 4-35. 전라남도의 폭염일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	12.2	20.5	25.6	35.7	43.7	50.8	60.3	74.9	84.7	23.0	39.7	79.8
		+8.3	+13.4	+23.5	+31.5	+38.6	+48.1	+62.7	+72.5	+10.8	+27.5	+67.6
강진군	8.7	16.6	22.3	31.6	40.0	46.6	57.7	71.3	82.6	19.4	35.8	76.9
		+7.9	+13.6	+22.9	+31.3	+37.9	+49.0	+62.6	+73.9	+10.7	+27.1	+68.2
고흥군	7.1	12.7	19.5	26.9	34.4	42.4	52.5	65.1	75.5	16.1	30.7	70.3
		+5.6	+12.4	+19.8	+27.3	+35.3	+45.4	+58.0	+68.4	+9.0	+23.6	+63.2
곡성군	18.3	33.2	36.1	49.5	58.3	64.8	74.0	90.5	99.7	34.6	53.9	95.1
		+14.9	+17.8	+31.2	+40.0	+46.5	+55.7	+72.2	+81.4	+16.3	+35.6	+76.8
광양시	13.7	22.1	28.4	38.0	46.9	53.6	62.8	76.9	88.1	25.3	42.5	82.5
		+8.4	+14.7	+24.3	+33.2	+39.9	+49.1	+63.2	+74.4	+11.6	+28.8	+68.8
구례군	22.9	37.9	40.8	54.6	63.1	70.3	79.7	95.8	104.2	39.3	58.8	100.0
		+15.0	+17.9	+31.7	+40.2	+47.4	+56.8	+72.9	+81.3	+16.4	+35.9	+77.1
나주시	21.1	36.1	38.7	53.1	62.2	69.1	78.1	93.3	102.1	37.4	57.6	97.7
		+15.0	+17.6	+32.0	+41.1	+48.0	+57.0	+72.2	+81.0	+16.3	+36.5	+76.6
담양군	15.1	29.6	32.4	46.2	55.1	61.5	70.4	87.5	97.0	31.0	50.6	92.3
		+14.5	+17.3	+31.1	+40.0	+46.4	+55.3	+72.4	+81.9	+15.9	+35.5	+77.2
목포시	8.4	13.0	20.1	28.6	35.8	43.7	52.8	67.6	76.8	16.6	32.2	72.2
		+4.6	+11.7	+20.2	+27.4	+35.3	+44.4	+59.2	+68.4	+8.2	+23.8	+63.8
무안군	11.7	18.2	24.6	34.4	42.1	50.2	57.9	74.3	83.2	21.4	38.3	78.7
		+6.5	+12.9	+22.7	+30.4	+38.5	+46.2	+62.6	+71.5	+9.7	+26.6	+67.0
보성군	12.1	20.0	24.8	34.7	43.7	49.9	59.9	74.5	85.8	22.4	39.2	80.2
		+7.9	+12.7	+22.6	+31.6	+37.8	+47.8	+62.4	+73.7	+10.3	+27.1	+68.1
순천시	14.5	24.3	29.5	40.6	49.4	56.1	65.9	80.8	91.8	26.9	45.0	86.3
		+9.8	+15.0	+26.1	+34.9	+41.6	+51.4	+66.3	+77.3	+12.4	+30.5	+71.8
신안군	6.8	7.9	15.5	21.3	27.0	35.3	44.8	57.4	65.6	11.7	24.1	61.5
		+1.1	+8.7	+14.5	+20.2	+28.5	+38.0	+50.6	+58.8	+4.9	+17.3	+54.7
여수시	4.4	8.0	12.9	18.4	24.6	31.7	41.2	53.6	63.8	10.5	21.5	58.7
		+3.6	+8.5	+14.0	+20.2	+27.3	+36.8	+49.2	+59.4	+6.1	+17.1	+54.3
영광군	10.5	16.2	22.6	32.1	39.9	47.5	55.8	71.4	79.6	19.4	36.0	75.5
		+5.7	+12.1	+21.6	+29.4	+37.0	+45.3	+60.9	+69.1	+8.9	+25.5	+65.0
영암군	15.8	26.9	31.1	43.6	52.8	60.0	69.4	84.8	94.8	29.0	48.2	89.8
		+11.1	+15.3	+27.8	+37.0	+44.2	+53.6	+69.0	+79.0	+13.2	+32.4	+74.0
완도군	3.9	4.8	11.9	16.5	22.9	32.0	43.7	54.1	63.1	8.4	19.7	58.6
		+0.9	+8.0	+12.6	+19.0	+28.1	+39.8	+50.2	+59.2	+4.5	+15.8	+54.7
장성군	16.7	30.7	33.6	47.6	56.6	62.7	71.3	88.1	97.7	32.2	52.1	92.9
		+14.0	+16.9	+30.9	+39.9	+46.0	+54.6	+71.4	+81.0	+15.5	+35.4	+76.2
장흥군	9.2	15.5	21.4	30.1	38.2	44.9	55.4	69.0	80.0	18.4	34.2	74.5
		+6.3	+12.2	+20.9	+29.0	+35.7	+46.2	+59.8	+70.8	+9.2	+25.0	+65.3
진도군	5.9	8.2	14.3	20.3	26.3	34.0	43.9	56.8	65.8	11.2	23.3	61.3
		+2.3	+8.4	+14.4	+20.4	+28.1	+38.0	+50.9	+59.9	+5.3	+17.4	+55.4
함평군	15.0	25.2	29.3	42.0	50.3	57.5	65.3	81.5	90.9	27.3	46.2	86.2
		+10.2	+14.3	+27.0	+35.3	+42.5	+50.3	+66.5	+75.9	+12.3	+31.2	+71.2
해남군	8.3	14.3	20.2	29.2	37.2	44.1	54.8	68.2	79.2	17.3	33.2	73.7
		+6.0	+11.9	+20.9	+28.9	+35.8	+46.5	+59.9	+70.9	+9.0	+24.9	+65.4
화순군	17.1	29.7	32.9	45.2	54.1	60.2	70.0	85.6	95.3	31.3	49.6	90.5
		+12.6	+15.8	+28.1	+37.0	+43.1	+52.9	+68.5	+78.2	+14.2	+32.5	+73.4

표 4-36. 전라남도의 폭염일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	12.2	22.7	25.3	39.2	45.6	60.6	74.6	89.7	102.9	24.0	42.4	96.3
		+10.5	+13.1	+27.0	+33.4	+48.4	+62.4	+77.5	+90.7	+11.8	+30.2	+84.1
강진군	8.7	18.8	21.7	35.7	43.0	56.9	71.7	87.8	100.5	20.3	39.3	94.1
		+10.1	+13.0	+27.0	+34.3	+48.2	+63.0	+79.1	+91.8	+11.6	+30.6	+85.4
고흥군	7.1	15.2	17.0	30.4	37.3	51.9	65.4	80.0	93.4	16.1	33.8	86.7
		+8.1	+9.9	+23.3	+30.2	+44.8	+58.3	+72.9	+86.3	+9.0	+26.7	+79.6
곡성군	18.3	34.2	37.3	52.4	58.8	74.1	89.7	105.9	118.2	35.7	55.6	112.1
		+15.9	+19.0	+34.1	+40.5	+55.8	+71.4	+87.6	+99.9	+17.4	+37.3	+93.8
광양시	13.7	25.1	27.4	41.6	47.6	62.5	76.7	92.8	107.2	26.2	44.6	100.0
		+11.4	+13.7	+27.9	+33.9	+48.8	+63.0	+79.1	+93.5	+12.5	+30.9	+86.3
구례군	22.9	38.4	42.2	56.8	63.9	79.4	94.7	110.4	123.4	40.3	60.4	116.9
		+15.5	+19.3	+33.9	+41.0	+56.5	+71.8	+87.5	+100.5	+17.4	+37.5	+94.0
나주시	21.1	37.1	41.6	56.6	63.6	78.7	92.9	108.7	120.3	39.3	60.1	114.5
		+16.0	+20.5	+35.5	+42.5	+57.6	+71.8	+87.6	+99.2	+18.2	+39.0	+93.4
담양군	15.1	31.6	34.5	50.0	55.5	71.1	86.3	103.1	115.1	33.0	52.8	109.1
		+16.5	+19.4	+34.9	+40.4	+56.0	+71.2	+88.0	+100.0	+17.9	+37.7	+94.0
목포시	8.4	16.4	18.3	32.3	38.3	53.6	67.4	81.4	95.2	17.3	35.3	88.3
		+8.0	+9.9	+23.9	+29.9	+45.2	+59.0	+73.0	+86.8	+8.9	+26.9	+79.9
무안군	11.7	21.6	23.5	38.7	43.8	58.9	73.4	88.0	100.8	22.6	41.2	94.4
		+9.9	+11.8	+27.0	+32.1	+47.2	+61.7	+76.3	+89.1	+10.9	+29.5	+82.7
보성군	12.1	22.3	24.6	38.1	45.1	59.9	74.5	90.7	104.6	23.4	41.6	97.7
		+10.2	+12.5	+26.0	+33.0	+47.8	+62.4	+78.6	+92.5	+11.3	+29.5	+85.6
순천시	14.5	26.7	29.3	43.5	50.3	65.9	80.4	97.0	111.6	28.0	46.9	104.3
		+12.2	+14.8	+29.0	+35.8	+51.4	+65.9	+82.5	+97.1	+13.5	+32.4	+89.8
신안군	6.8	10.8	12.4	25.2	30.4	45.8	57.8	69.1	84.0	11.6	27.8	76.6
		+4.0	+5.6	+18.4	+23.6	+39.0	+51.0	+62.3	+77.2	+4.8	+21.0	+69.8
여수시	4.4	10.2	10.7	20.9	27.0	41.7	53.2	68.3	82.5	10.4	24.0	75.4
		+5.8	+6.3	+16.5	+22.6	+37.3	+48.8	+63.9	+78.1	+6.0	+19.6	+71.0
영광군	10.5	19.7	21.4	36.7	41.3	57.4	71.3	84.5	97.8	20.5	39.0	91.1
		+9.2	+10.9	+26.2	+30.8	+46.9	+60.8	+74.0	+87.3	+10.0	+28.5	+80.6
영암군	15.8	29.1	33.0	47.5	54.9	69.7	84.2	100.4	112.6	31.0	51.2	106.5
		+13.3	+17.2	+31.7	+39.1	+53.9	+68.4	+84.6	+96.8	+15.2	+35.4	+90.7
완도군	3.9	6.1	8.8	19.9	27.8	42.4	54.1	66.6	79.9	7.4	23.8	73.2
		+2.2	+4.9	+16.0	+23.9	+38.5	+50.2	+62.7	+76.0	+3.5	+19.9	+69.3
장성군	16.7	33.0	36.1	51.6	57.1	72.7	87.6	103.4	114.9	34.6	54.4	109.1
		+16.3	+19.4	+34.9	+40.4	+56.0	+70.9	+86.7	+98.2	+17.9	+37.7	+92.4
장흥군	9.2	17.9	20.2	34.1	40.9	55.1	69.2	85.2	98.3	19.0	37.5	91.7
		+8.7	+11.0	+24.9	+31.7	+45.9	+60.0	+76.0	+89.1	+9.8	+28.3	+82.5
진도군	5.9	9.7	12.1	23.6	30.0	44.9	56.0	69.6	83.8	10.9	26.8	76.7
		+3.8	+6.2	+17.7	+24.1	+39.0	+50.1	+63.7	+77.9	+5.0	+20.9	+70.8
함평군	15.0	27.9	30.8	46.0	51.5	66.8	80.8	96.4	108.1	29.3	48.7	102.3
		+12.9	+15.8	+31.0	+36.5	+51.8	+65.8	+81.4	+93.1	+14.3	+33.7	+87.3
해남군	8.3	16.7	19.5	32.8	40.4	54.5	68.3	83.7	96.7	18.1	36.6	90.2
		+8.4	+11.2	+24.5	+32.1	+46.2	+60.0	+75.4	+88.4	+9.8	+28.3	+81.9
화순군	17.1	30.7	33.9	48.2	54.9	70.2	84.9	101.2	114.2	32.3	51.5	107.7
		+13.6	+16.8	+31.1	+37.8	+53.1	+67.8	+84.1	+97.1	+15.2	+34.4	+90.6

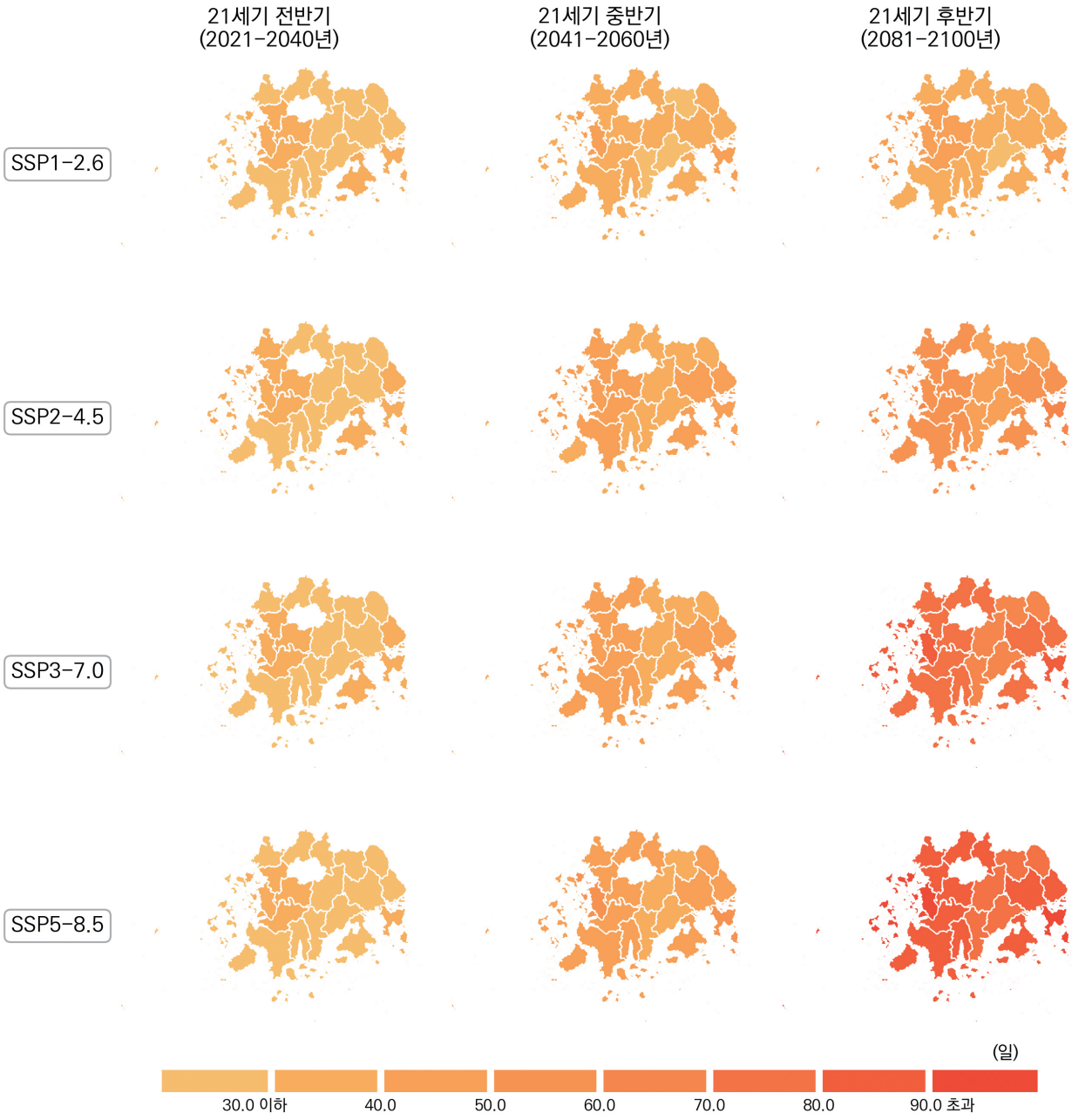


그림 4-19. 전라남도의 열대야일수(일) 전망 분포도

표 4-37. 전라남도의 열대야일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	7.1	24.9	31.1	36.9	34.2	35.7	35.1	41.1	33.2	28.0	35.6	37.2
		+17.8	+24.0	+29.8	+27.1	+28.6	+28.0	+34.0	+26.1	+20.9	+28.5	+30.1
강진군	5.5	23.3	30.2	36.0	33.1	34.7	34.1	40.3	32.1	26.8	34.6	36.2
		+17.8	+24.7	+30.5	+27.6	+29.2	+28.6	+34.8	+26.6	+21.3	+29.1	+30.7
고흥군	7.9	26.6	33.7	39.0	36.5	37.7	38.1	44.3	35.3	30.1	37.8	39.8
		+18.7	+25.8	+31.1	+28.6	+29.8	+30.2	+36.4	+27.4	+22.2	+29.9	+31.9
곡성군	1.9	21.0	26.3	31.3	28.4	29.7	28.5	34.8	27.3	23.6	29.8	31.1
		+19.1	+24.4	+29.4	+26.5	+27.8	+26.6	+32.9	+25.4	+21.7	+27.9	+29.2
광양시	7.7	26.8	33.0	37.9	35.5	36.4	36.5	42.7	33.8	29.9	36.7	38.3
		+19.1	+25.3	+30.2	+27.8	+28.7	+28.8	+35.0	+26.1	+22.2	+29.0	+30.6
구례군	2.6	21.8	27.0	32.1	29.1	30.3	29.5	35.8	27.9	24.4	30.6	31.8
		+19.2	+24.4	+29.5	+26.5	+27.7	+26.9	+33.2	+25.3	+21.8	+28.0	+29.2
나주시	7.8	28.8	34.3	40.2	37.8	39.1	37.9	43.5	36.7	31.6	39.0	40.1
		+21.0	+26.5	+32.4	+30.0	+31.3	+30.1	+35.7	+28.9	+23.8	+31.2	+32.3
담양군	2.7	21.5	27.4	32.5	29.7	30.8	29.7	36.3	28.6	24.4	31.1	32.5
		+18.8	+24.7	+29.8	+27.0	+28.1	+27.0	+33.6	+25.9	+21.7	+28.4	+29.8
목포시	13.7	32.1	38.1	44.1	42.4	43.5	43.5	48.7	41.6	35.1	43.2	45.1
		+18.4	+24.4	+30.4	+28.7	+29.8	+29.8	+35.0	+27.9	+21.4	+29.5	+31.4
무안군	10.7	29.6	35.9	42.0	39.8	41.1	40.4	46.3	38.4	32.7	40.9	42.3
		+18.9	+25.2	+31.3	+29.1	+30.4	+29.7	+35.6	+27.7	+22.0	+30.2	+31.6
보성군	2.8	18.7	24.2	29.1	26.2	28.0	26.9	33.1	25.3	21.4	27.7	29.2
		+15.9	+21.4	+26.3	+23.4	+25.2	+24.1	+30.3	+22.5	+18.6	+24.9	+26.4
순천시	7.0	26.0	31.7	36.7	34.3	35.4	35.2	41.1	33.6	28.8	35.5	37.4
		+19.0	+24.7	+29.7	+27.3	+28.4	+28.2	+34.1	+26.6	+21.8	+28.5	+30.4
신안군	10.4	25.0	32.3	39.1	37.1	39.0	38.9	44.6	36.2	28.7	38.1	40.4
		+14.6	+21.9	+28.7	+26.7	+28.6	+28.5	+34.2	+25.8	+18.3	+27.7	+30.0
여수시	12.6	31.3	37.9	43.6	41.5	42.2	43.6	49.7	40.8	34.6	42.5	45.3
		+18.7	+25.3	+31.0	+28.9	+29.6	+31.0	+37.1	+28.2	+22.0	+29.9	+32.7
영광군	9.8	26.7	32.9	39.5	36.8	38.2	37.0	43.0	35.4	29.8	38.2	39.2
		+16.9	+23.1	+29.7	+27.0	+28.4	+27.2	+33.2	+25.6	+20.0	+28.4	+29.4
영암군	9.9	29.3	35.1	41.1	39.0	39.9	39.0	44.6	37.3	32.2	40.0	41.0
		+19.4	+25.2	+31.2	+29.1	+30.0	+29.1	+34.7	+27.4	+22.3	+30.1	+31.1
완도군	7.3	21.2	29.1	35.8	33.0	35.1	35.1	41.6	32.4	25.1	34.4	37.0
		+13.9	+21.8	+28.5	+25.7	+27.8	+27.8	+34.3	+25.1	+17.8	+27.1	+29.7
장성군	4.8	23.8	29.7	35.2	32.3	33.1	32.3	38.5	31.2	26.7	33.7	34.8
		+19.0	+24.9	+30.4	+27.5	+28.3	+27.5	+33.7	+26.4	+21.9	+28.9	+30.0
장흥군	4.2	19.4	25.7	30.9	28.2	29.6	29.0	35.1	27.1	22.6	29.5	31.1
		+15.2	+21.5	+26.7	+24.0	+25.4	+24.8	+30.9	+22.9	+18.4	+25.3	+26.9
진도군	8.2	20.7	27.9	35.1	31.8	34.3	33.9	39.7	30.5	24.3	33.4	35.1
		+12.5	+19.7	+26.9	+23.6	+26.1	+25.7	+31.5	+22.3	+16.1	+25.2	+26.9
함평군	8.8	28.8	34.5	40.6	37.7	39.2	38.1	43.7	36.5	31.6	39.1	40.1
		+20.0	+25.7	+31.8	+28.9	+30.4	+29.3	+34.9	+27.7	+22.8	+30.3	+31.3
해남군	7.4	23.8	30.8	37.0	33.9	36.1	35.4	41.3	33.0	27.3	35.4	37.2
		+16.4	+23.4	+29.6	+26.5	+28.7	+28.0	+33.9	+25.6	+19.9	+28.0	+29.8
화순군	3.1	21.8	27.1	32.3	29.4	31.4	29.9	36.2	28.7	24.5	30.9	32.5
		+18.7	+24.0	+29.2	+26.3	+28.3	+26.8	+33.1	+25.6	+21.4	+27.8	+29.4

표 4-38. 전라남도의 열대야일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	7.1	25.2	32.9	38.9	41.7	48.3	47.9	50.9	58.1	29.0	40.3	54.5
		+18.1	+25.8	+31.8	+34.6	+41.2	+40.8	+43.8	+51.0	+21.9	+33.2	+47.4
강진군	5.5	24.0	31.7	37.7	40.7	47.0	46.8	49.6	56.9	27.8	39.2	53.3
		+18.5	+26.2	+32.2	+35.2	+41.5	+41.3	+44.1	+51.4	+22.3	+33.7	+47.8
고흥군	7.9	26.8	35.1	41.5	44.4	51.0	50.9	53.7	61.2	31.0	42.9	57.4
		+18.9	+27.2	+33.6	+36.5	+43.1	+43.0	+45.8	+53.3	+23.1	+35.0	+49.5
곡성군	1.9	20.5	27.1	33.2	36.0	42.2	41.6	44.3	51.9	23.8	34.6	48.1
		+18.6	+25.2	+31.3	+34.1	+40.3	+39.7	+42.4	+50.0	+21.9	+32.7	+46.2
광양시	7.7	26.7	34.0	40.5	43.0	49.4	49.7	52.2	59.6	30.3	41.7	55.9
		+19.0	+26.3	+32.8	+35.3	+41.7	+42.0	+44.5	+51.9	+22.6	+34.0	+48.2
구례군	2.6	21.5	27.8	34.3	37.0	42.9	42.8	44.7	52.7	24.6	35.7	48.7
		+18.9	+25.2	+31.7	+34.4	+40.3	+40.2	+42.1	+50.1	+22.0	+33.1	+46.1
나주시	7.8	28.6	36.3	42.3	44.3	50.9	50.4	53.4	59.8	32.5	43.3	56.6
		+20.8	+28.5	+34.5	+36.5	+43.1	+42.6	+45.6	+52.0	+24.7	+35.5	+48.8
담양군	2.7	21.2	28.3	34.5	37.2	44.0	42.8	46.0	53.4	24.8	35.9	49.7
		+18.5	+25.6	+31.8	+34.5	+41.3	+40.1	+43.3	+50.7	+22.1	+33.2	+47.0
목포시	13.7	32.9	41.3	46.8	48.8	56.1	55.7	60.0	65.2	37.1	47.8	62.6
		+19.2	+27.6	+33.1	+35.1	+42.4	+42.0	+46.3	+51.5	+23.4	+34.1	+48.9
무안군	10.7	30.3	38.8	43.9	46.6	53.3	53.1	56.7	62.6	34.5	45.2	59.6
		+19.6	+28.1	+33.2	+35.9	+42.6	+42.4	+46.0	+51.9	+23.8	+34.5	+48.9
보성군	2.8	18.6	24.9	31.3	33.9	40.2	39.8	42.2	50.3	21.8	32.6	46.2
		+15.8	+22.1	+28.5	+31.1	+37.4	+37.0	+39.4	+47.5	+19.0	+29.8	+43.4
순천시	7.0	25.8	32.7	39.5	41.6	48.3	48.3	50.3	58.3	29.3	40.6	54.3
		+18.8	+25.7	+32.5	+34.6	+41.3	+41.3	+43.3	+51.3	+22.3	+33.6	+47.3
신안군	10.4	26.2	35.2	40.3	44.8	52.2	52.1	56.2	63.1	30.7	42.6	59.6
		+15.8	+24.8	+29.9	+34.4	+41.8	+41.7	+45.8	+52.7	+20.3	+32.2	+49.2
여수시	12.6	31.8	40.1	46.8	48.8	56.8	56.4	60.1	67.1	36.0	47.8	63.6
		+19.2	+27.5	+34.2	+36.2	+44.2	+43.8	+47.5	+54.5	+23.4	+35.2	+51.0
영광군	9.8	27.1	35.5	40.6	43.9	50.3	49.6	53.1	60.0	31.3	42.2	56.6
		+17.3	+25.7	+30.8	+34.1	+40.5	+39.8	+43.3	+50.2	+21.5	+32.4	+46.8
영암군	9.9	29.5	37.6	43.3	45.5	52.0	51.6	54.6	60.8	33.6	44.4	57.7
		+19.6	+27.7	+33.4	+35.6	+42.1	+41.7	+44.7	+50.9	+23.7	+34.5	+47.8
완도군	7.3	22.5	31.6	37.8	41.7	49.3	48.6	51.9	60.1	27.1	39.7	56.0
		+15.2	+24.3	+30.5	+34.4	+42.0	+41.3	+44.6	+52.8	+19.8	+32.4	+48.7
장성군	4.8	23.6	30.9	37.1	39.5	46.2	44.8	48.0	55.2	27.3	38.3	51.6
		+18.8	+26.1	+32.3	+34.7	+41.4	+40.0	+43.2	+50.4	+22.5	+33.5	+46.8
장흥군	4.2	19.9	26.8	32.8	35.6	41.9	41.6	44.2	52.1	23.4	34.2	48.2
		+15.7	+22.6	+28.6	+31.4	+37.7	+37.4	+40.0	+47.9	+19.2	+30.0	+44.0
진도군	8.2	22.0	30.0	35.9	39.7	46.5	46.4	49.5	57.1	26.0	37.8	53.3
		+13.8	+21.8	+27.7	+31.5	+38.3	+38.2	+41.3	+48.9	+17.8	+29.6	+45.1
함평군	8.8	29.0	36.9	42.1	44.5	51.3	50.6	53.7	60.2	32.9	43.3	57.0
		+20.2	+28.1	+33.3	+35.7	+42.5	+41.8	+44.9	+51.4	+24.1	+34.5	+48.2
해남군	7.4	24.7	32.7	38.7	41.8	48.4	47.7	51.1	58.0	28.7	40.2	54.6
		+17.3	+25.3	+31.3	+34.4	+41.0	+40.3	+43.7	+50.6	+21.3	+32.8	+47.2
화순군	3.1	21.4	28.2	34.6	37.0	43.5	43.0	45.5	52.8	24.8	35.8	49.2
		+18.3	+25.1	+31.5	+33.9	+40.4	+39.9	+42.4	+49.7	+21.7	+32.7	+46.1

표 4-39. 전라남도의 열대야일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	7.1	23.9	32.8	39.5	47.1	55.0	62.2	73.0	78.1	28.4	43.3	75.5
		+16.8	+25.7	+32.4	+40.0	+47.9	+55.1	+65.9	+71.0	+21.3	+36.2	+68.4
강진군	5.5	22.6	31.8	38.1	46.0	54.3	61.1	71.9	76.2	27.2	42.1	74.0
		+17.1	+26.3	+32.6	+40.5	+48.8	+55.6	+66.4	+70.7	+21.7	+36.6	+68.5
고흥군	7.9	25.6	34.9	42.3	49.8	58.4	65.3	76.4	81.4	30.2	46.0	78.9
		+17.7	+27.0	+34.4	+41.9	+50.5	+57.4	+68.5	+73.5	+22.3	+38.1	+71.0
곡성군	1.9	19.1	28.1	33.8	40.8	48.7	56.0	66.2	70.3	23.6	37.3	68.3
		+17.2	+26.2	+31.9	+38.9	+46.8	+54.1	+64.3	+68.4	+21.7	+35.4	+66.4
광양시	7.7	25.8	34.6	41.4	48.5	56.7	63.8	75.8	80.5	30.2	44.9	78.2
		+18.1	+26.9	+33.7	+40.8	+49.0	+56.1	+68.1	+72.8	+22.5	+37.2	+70.5
구례군	2.6	20.2	29.0	34.8	41.4	49.4	56.8	66.8	71.0	24.6	38.1	68.9
		+17.6	+26.4	+32.2	+38.8	+46.8	+54.2	+64.2	+68.4	+22.0	+35.5	+66.3
나주시	7.8	28.3	36.4	42.4	50.3	57.7	64.4	75.1	79.2	32.3	46.3	77.2
		+20.5	+28.6	+34.6	+42.5	+49.9	+56.6	+67.3	+71.4	+24.5	+38.5	+69.4
담양군	2.7	19.5	29.2	35.2	42.5	50.1	57.5	68.5	72.7	24.4	38.9	70.6
		+16.8	+26.5	+32.5	+39.8	+47.4	+54.8	+65.8	+70.0	+21.7	+36.2	+67.9
목포시	13.7	31.9	40.1	47.4	55.5	62.4	69.0	80.1	87.0	36.0	51.4	83.5
		+18.2	+26.4	+33.7	+41.8	+48.7	+55.3	+66.4	+73.3	+22.3	+37.7	+69.8
무안군	10.7	28.8	37.5	44.6	52.5	59.6	66.7	77.3	83.3	33.2	48.6	80.3
		+18.1	+26.8	+33.9	+41.8	+48.9	+56.0	+66.6	+72.6	+22.5	+37.9	+69.6
보성군	2.8	16.8	25.8	31.5	38.8	46.9	54.1	64.5	69.0	21.3	35.2	66.8
		+14.0	+23.0	+28.7	+36.0	+44.1	+51.3	+61.7	+66.2	+18.5	+32.4	+64.0
순천시	7.0	24.7	33.7	39.5	47.2	55.7	62.5	74.0	78.2	29.2	43.3	76.1
		+17.7	+26.7	+32.5	+40.2	+48.7	+55.5	+67.0	+71.2	+22.2	+36.3	+69.1
신안군	10.4	24.6	33.2	42.2	50.3	58.4	66.4	77.2	84.9	28.9	46.3	81.1
		+14.2	+22.8	+31.8	+39.9	+48.0	+56.0	+66.8	+74.5	+18.5	+35.9	+70.7
여수시	12.6	31.8	39.5	48.1	55.7	63.7	71.3	83.9	90.3	35.7	51.9	87.1
		+19.2	+26.9	+35.5	+43.1	+51.1	+58.7	+71.3	+77.7	+23.1	+39.3	+74.5
영광군	9.8	25.1	34.6	41.2	49.4	56.3	63.7	73.8	79.6	29.9	45.3	76.7
		+15.3	+24.8	+31.4	+39.6	+46.5	+53.9	+64.0	+69.8	+20.1	+35.5	+66.9
영암군	9.9	28.8	37.2	43.0	51.3	58.5	65.1	75.8	80.3	33.0	47.1	78.1
		+18.9	+27.3	+33.1	+41.4	+48.6	+55.2	+65.9	+70.4	+23.1	+37.2	+68.2
완도군	7.3	21.2	30.2	39.8	47.1	56.2	63.7	74.5	81.5	25.7	43.4	78.0
		+13.9	+22.9	+32.5	+39.8	+48.9	+56.4	+67.2	+74.2	+18.4	+36.1	+70.7
장성군	4.8	22.3	31.5	37.1	44.8	52.1	59.3	70.5	75.0	26.9	40.9	72.7
		+17.5	+26.7	+32.3	+40.0	+47.3	+54.5	+65.7	+70.2	+22.1	+36.1	+67.9
장흥군	4.2	18.4	27.1	33.3	40.9	48.7	56.1	66.3	71.3	22.7	37.1	68.8
		+14.2	+22.9	+29.1	+36.7	+44.5	+51.9	+62.1	+67.1	+18.5	+32.9	+64.6
진도군	8.2	20.1	29.7	36.9	45.0	53.1	60.7	71.1	76.9	24.9	40.9	74.0
		+11.9	+21.5	+28.7	+36.8	+44.9	+52.5	+62.9	+68.7	+16.7	+32.7	+65.8
함평군	8.8	27.5	36.2	42.5	50.2	57.5	64.4	75.0	80.0	31.8	46.3	77.5
		+18.7	+27.4	+33.7	+41.4	+48.7	+55.6	+66.2	+71.2	+23.0	+37.5	+68.7
해남군	7.4	23.3	32.4	39.0	47.1	54.8	62.1	72.6	77.9	27.8	43.1	75.2
		+15.9	+25.0	+31.6	+39.7	+47.4	+54.7	+65.2	+70.5	+20.4	+35.7	+67.8
화순군	3.1	20.1	28.9	34.6	42.3	50.1	57.3	67.7	71.8	24.5	38.4	69.7
		+17.0	+25.8	+31.5	+39.2	+47.0	+54.2	+64.6	+68.7	+21.4	+35.3	+66.6

표 4-40. 전라남도의 열대야일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	7.1	26.8	29.0	44.0	46.9	61.0	70.4	80.7	90.4	27.9	45.5	85.6
		+19.7	+21.9	+36.9	+39.8	+53.9	+63.3	+73.6	+83.3	+20.8	+38.4	+78.5
강진군	5.5	25.3	27.8	42.2	45.4	59.7	68.8	79.1	88.1	26.5	43.8	83.6
		+19.8	+22.3	+36.7	+39.9	+54.2	+63.3	+73.6	+82.6	+21.0	+38.3	+78.1
고흥군	7.9	28.6	30.9	47.5	49.5	63.9	73.2	84.0	93.5	29.8	48.5	88.8
		+20.7	+23.0	+39.6	+41.6	+56.0	+65.3	+76.1	+85.6	+21.9	+40.6	+80.9
곡성군	1.9	21.4	24.7	37.3	41.0	54.1	63.5	73.2	83.3	23.0	39.1	78.2
		+19.5	+22.8	+35.4	+39.1	+52.2	+61.6	+71.3	+81.4	+21.1	+37.2	+76.3
광양시	7.7	27.9	30.6	46.2	47.9	61.6	71.8	83.7	93.3	29.3	47.1	88.5
		+20.2	+22.9	+38.5	+40.2	+53.9	+64.1	+76.0	+85.6	+21.6	+39.4	+80.8
구례군	2.6	21.9	25.7	38.5	41.7	54.5	64.0	73.9	84.0	23.8	40.1	78.9
		+19.3	+23.1	+35.9	+39.1	+51.9	+61.4	+71.3	+81.4	+21.2	+37.5	+76.3
나주시	7.8	30.5	33.0	46.5	49.1	62.8	72.2	81.7	90.6	31.7	47.8	86.1
		+22.7	+25.2	+38.7	+41.3	+55.0	+64.4	+73.9	+82.8	+23.9	+40.0	+78.3
담양군	2.7	22.3	25.6	39.4	42.5	56.1	65.3	75.8	85.4	23.9	41.0	80.6
		+19.6	+22.9	+36.7	+39.8	+53.4	+62.6	+73.1	+82.7	+21.2	+38.3	+77.9
목포시	13.7	35.6	36.0	52.3	54.6	69.5	78.5	89.3	98.8	35.8	53.4	94.0
		+21.9	+22.3	+38.6	+40.9	+55.8	+64.8	+75.6	+85.1	+22.1	+39.7	+80.3
무안군	10.7	32.8	33.5	49.3	51.8	66.2	75.7	85.6	95.1	33.1	50.6	90.3
		+22.1	+22.8	+38.6	+41.1	+55.5	+65.0	+74.9	+84.4	+22.4	+39.9	+79.6
보성군	2.8	19.1	22.9	35.1	38.8	52.5	61.7	71.3	81.7	21.0	36.9	76.5
		+16.3	+20.1	+32.3	+36.0	+49.7	+58.9	+68.5	+78.9	+18.2	+34.1	+73.7
순천시	7.0	26.8	30.1	44.4	46.8	60.4	70.2	81.1	90.6	28.4	45.6	85.9
		+19.8	+23.1	+37.4	+39.8	+53.4	+63.2	+74.1	+83.6	+21.4	+38.6	+78.9
신안군	10.4	29.0	28.9	48.1	51.6	66.8	76.3	87.2	97.6	29.0	49.8	92.4
		+18.6	+18.5	+37.7	+41.2	+56.4	+65.9	+76.8	+87.2	+18.6	+39.4	+82.0
여수시	12.6	34.1	35.6	53.6	55.5	70.3	80.2	93.6	104.5	34.8	54.5	99.1
		+21.5	+23.0	+41.0	+42.9	+57.7	+67.6	+81.0	+91.9	+22.2	+41.9	+86.5
영광군	9.8	29.5	30.4	46.7	48.9	62.9	72.5	82.0	91.9	29.9	47.8	87.0
		+19.7	+20.6	+36.9	+39.1	+53.1	+62.7	+72.2	+82.1	+20.1	+38.0	+77.2
영암군	9.9	31.4	32.9	47.4	49.9	64.4	73.3	82.9	91.4	32.2	48.7	87.2
		+21.5	+23.0	+37.5	+40.0	+54.5	+63.4	+73.0	+81.5	+22.3	+38.8	+77.3
완도군	7.3	24.5	26.0	44.5	48.3	63.7	72.6	83.7	94.0	25.3	46.4	88.9
		+17.2	+18.7	+37.2	+41.0	+56.4	+65.3	+76.4	+86.7	+18.0	+39.1	+81.6
장성군	4.8	25.2	27.9	41.6	44.4	58.1	67.3	77.6	86.9	26.5	43.0	82.3
		+20.4	+23.1	+36.8	+39.6	+53.3	+62.5	+72.8	+82.1	+21.7	+38.2	+77.5
장흥군	4.2	20.7	23.7	37.2	40.4	54.6	63.8	74.0	83.7	22.2	38.8	78.8
		+16.5	+19.5	+33.0	+36.2	+50.4	+59.6	+69.8	+79.5	+18.0	+34.6	+74.6
진도군	8.2	24.2	24.8	42.1	45.6	60.1	69.9	79.1	89.0	24.5	43.8	84.1
		+16.0	+16.6	+33.9	+37.4	+51.9	+61.7	+70.9	+80.8	+16.3	+35.6	+75.9
함평군	8.8	31.0	32.9	46.9	49.4	63.3	72.6	82.2	91.6	31.9	48.2	86.9
		+22.2	+24.1	+38.1	+40.6	+54.5	+63.8	+73.4	+82.8	+23.1	+39.4	+78.1
해남군	7.4	26.3	28.4	43.6	46.6	61.3	70.2	80.3	89.6	27.3	45.1	84.9
		+18.9	+21.0	+36.2	+39.2	+53.9	+62.8	+72.9	+82.2	+19.9	+37.7	+77.5
화순군	3.1	22.5	26.1	38.2	41.7	55.5	64.8	74.5	84.5	24.3	39.9	79.5
		+19.4	+23.0	+35.1	+38.6	+52.4	+61.7	+71.4	+81.4	+21.2	+36.8	+76.4

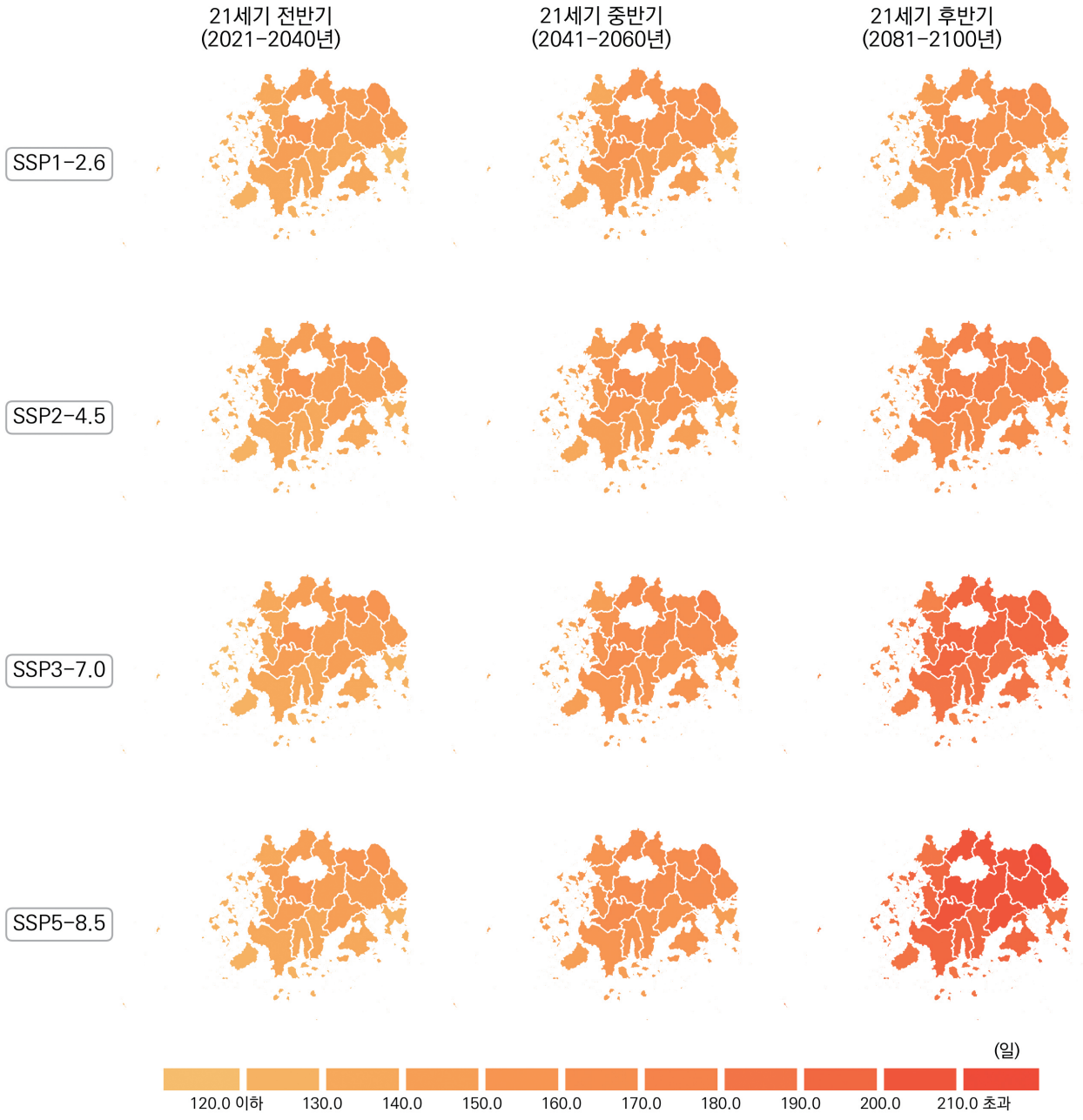


그림 4-20. 전라남도의 여름일수(일) 전망 분포도

표 4-41. 전라남도의 여름일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	121.1	135.4	139.1	145.3	144.0	148.9	151.4	151.7	151.6	137.2	144.6	151.7
		+14.3	+18.0	+24.2	+22.9	+27.8	+30.3	+30.6	+30.5	+16.1	+23.5	+30.6
강진군	119.3	133.6	137.7	145.1	142.7	148.4	150.4	151.4	151.3	135.7	143.9	151.4
		+14.3	+18.4	+25.8	+23.4	+29.1	+31.1	+32.1	+32.0	+16.4	+24.6	+32.1
고흥군	113.6	130.0	134.6	142.0	139.8	146.0	148.3	148.4	148.7	132.3	140.9	148.6
		+16.4	+21.0	+28.4	+26.2	+32.4	+34.7	+34.8	+35.1	+18.7	+27.3	+35.0
곡성군	134.6	147.8	150.0	155.5	155.5	159.3	162.7	162.5	161.6	148.9	155.5	162.0
		+13.2	+15.4	+20.9	+20.9	+24.7	+28.1	+27.9	+27.0	+14.3	+20.9	+27.4
광양시	123.6	139.6	143.0	150.1	148.4	154.1	156.3	156.2	155.8	141.3	149.2	156.0
		+16.0	+19.4	+26.5	+24.8	+30.5	+32.7	+32.6	+32.2	+17.7	+25.6	+32.4
구례군	139.8	153.1	154.9	160.3	160.6	164.9	167.6	167.4	166.5	154.0	160.5	167.0
		+13.3	+15.1	+20.5	+20.8	+25.1	+27.8	+27.6	+26.7	+14.2	+20.7	+27.2
나주시	136.7	150.1	152.1	157.2	156.5	160.8	163.3	163.9	163.3	151.1	156.8	163.6
		+13.4	+15.4	+20.5	+19.8	+24.1	+26.6	+27.2	+26.6	+14.4	+20.1	+26.9
담양군	131.2	144.9	147.0	152.3	152.6	155.8	159.4	159.9	158.8	145.9	152.4	159.3
		+13.7	+15.8	+21.1	+21.4	+24.6	+28.2	+28.7	+27.6	+14.7	+21.2	+28.1
목포시	115.7	130.0	134.2	139.9	138.3	143.6	145.2	145.1	145.6	132.1	139.1	145.3
		+14.3	+18.5	+24.2	+22.6	+27.9	+29.5	+29.4	+29.9	+16.4	+23.4	+29.6
무안군	120.2	133.3	137.6	142.3	140.9	145.7	147.8	147.8	147.7	135.4	141.6	147.7
		+13.1	+17.4	+22.1	+20.7	+25.5	+27.6	+27.6	+27.5	+15.2	+21.4	+27.5
보성군	122.2	136.5	140.1	147.4	145.6	151.2	153.6	154.0	153.9	138.3	146.5	153.9
		+14.3	+17.9	+25.2	+23.4	+29.0	+31.4	+31.8	+31.7	+16.1	+24.3	+31.7
순천시	128.5	143.0	145.9	152.4	151.3	156.7	159.4	159.2	158.6	144.4	151.8	158.9
		+14.5	+17.4	+23.9	+22.8	+28.2	+30.9	+30.7	+30.1	+15.9	+23.3	+30.4
신안군	103.0	118.7	123.5	128.6	127.7	132.3	133.7	134.2	136.0	121.1	128.1	135.1
		+15.7	+20.5	+25.6	+24.7	+29.3	+30.7	+31.2	+33.0	+18.1	+25.1	+32.1
여수시	98.6	116.7	122.5	130.7	128.8	134.4	137.1	137.9	137.8	119.6	129.7	137.8
		+18.1	+23.9	+32.1	+30.2	+35.8	+38.5	+39.3	+39.2	+21.0	+31.1	+39.2
영광군	116.8	129.5	134.1	138.8	137.8	142.1	144.1	144.3	145.0	131.8	138.3	144.6
		+12.7	+17.3	+22.0	+21.0	+25.3	+27.3	+27.5	+28.2	+15.0	+21.5	+27.8
영암군	130.1	143.6	146.5	152.7	150.6	155.4	158.1	159.1	157.9	145.0	151.6	158.5
		+13.5	+16.4	+22.6	+20.5	+25.3	+28.0	+29.0	+27.8	+14.9	+21.5	+28.4
완도군	102.4	118.0	123.9	132.3	129.9	135.6	138.7	138.2	138.9	121.0	131.1	138.6
		+15.6	+21.5	+29.9	+27.5	+33.2	+36.3	+35.8	+36.5	+18.6	+28.7	+36.2
장성군	131.8	144.6	146.6	151.9	151.5	154.9	158.1	158.9	157.9	145.6	151.7	158.4
		+12.8	+14.8	+20.1	+19.7	+23.1	+26.3	+27.1	+26.1	+13.8	+19.9	+26.6
장흥군	117.2	132.2	136.3	143.9	141.5	147.3	149.7	150.4	150.6	134.3	142.7	150.5
		+15.0	+19.1	+26.7	+24.3	+30.1	+32.5	+33.2	+33.4	+17.1	+25.5	+33.3
진도군	105.8	120.5	125.9	132.2	130.6	136.1	138.1	138.7	139.7	123.2	131.4	139.2
		+14.7	+20.1	+26.4	+24.8	+30.3	+32.3	+32.9	+33.9	+17.4	+25.6	+33.4
함평군	125.9	138.0	141.6	146.9	145.5	150.2	153.0	153.2	152.5	139.8	146.2	152.9
		+12.1	+15.7	+21.0	+19.6	+24.3	+27.1	+27.3	+26.6	+13.9	+20.3	+27.0
해남군	116.0	130.6	135.2	141.7	139.5	145.7	147.3	148.0	148.2	132.9	140.6	148.1
		+14.6	+19.2	+25.7	+23.5	+29.7	+31.3	+32.0	+32.2	+16.9	+24.6	+32.1
화순군	130.4	143.9	146.8	152.1	151.8	155.9	159.1	159.5	158.9	145.3	151.9	159.2
		+13.5	+16.4	+21.7	+21.4	+25.5	+28.7	+29.1	+28.5	+14.9	+21.5	+28.8

표 4-42. 전라남도의 여름일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	121.1	137.3	140.4	147.5	152.9	156.8	156.2	165.7	163.8	138.9	150.2	164.7
		+16.2	+19.3	+26.4	+31.8	+35.7	+35.1	+44.6	+42.7	+17.8	+29.1	+43.6
강진군	119.3	135.9	140.1	147.6	151.6	156.5	155.4	165.6	163.4	138.0	149.6	164.5
		+16.6	+20.8	+28.3	+32.3	+37.2	+36.1	+46.3	+44.1	+18.7	+30.3	+45.2
고흥군	113.6	131.9	136.1	144.0	149.1	154.2	153.6	163.0	161.2	134.0	146.5	162.1
		+18.3	+22.5	+30.4	+35.5	+40.6	+40.0	+49.4	+47.6	+20.4	+32.9	+48.5
곡성군	134.6	149.4	151.2	158.0	162.8	167.5	167.0	175.9	174.2	150.3	160.4	175.0
		+14.8	+16.6	+23.4	+28.2	+32.9	+32.4	+41.3	+39.6	+15.7	+25.8	+40.4
광양시	123.6	140.5	144.6	152.0	156.3	162.2	161.5	170.6	168.7	142.5	154.1	169.7
		+16.9	+21.0	+28.4	+32.7	+38.6	+37.9	+47.0	+45.1	+18.9	+30.5	+46.1
구례군	139.8	154.1	156.1	162.8	167.7	172.3	172.3	180.8	179.0	155.1	165.2	179.9
		+14.3	+16.3	+23.0	+27.9	+32.5	+32.5	+41.0	+39.2	+15.3	+25.4	+40.1
나주시	136.7	151.5	153.0	159.3	164.6	168.2	167.1	177.2	173.9	152.2	161.9	175.5
		+14.8	+16.3	+22.6	+27.9	+31.5	+30.4	+40.5	+37.2	+15.5	+25.2	+38.8
담양군	131.2	146.4	148.3	155.5	160.8	164.4	163.2	173.5	171.3	147.4	158.2	172.4
		+15.2	+17.1	+24.3	+29.6	+33.2	+32.0	+42.3	+40.1	+16.2	+27.0	+41.2
목포시	115.7	131.9	135.3	141.4	147.9	150.4	150.0	159.2	157.3	133.6	144.7	158.3
		+16.2	+19.6	+25.7	+32.2	+34.7	+34.3	+43.5	+41.6	+17.9	+29.0	+42.6
무안군	120.2	135.1	137.8	144.0	150.0	152.8	152.3	161.5	159.5	136.5	147.0	160.5
		+14.9	+17.6	+23.8	+29.8	+32.6	+32.1	+41.3	+39.3	+16.3	+26.8	+40.3
보성군	122.2	138.8	142.8	150.1	154.2	159.4	158.6	168.2	166.4	140.8	152.2	167.3
		+16.6	+20.6	+27.9	+32.0	+37.2	+36.4	+46.0	+44.2	+18.6	+30.0	+45.1
순천시	128.5	144.2	148.1	155.0	159.0	164.8	164.0	173.4	171.5	146.1	157.0	172.5
		+15.7	+19.6	+26.5	+30.5	+36.3	+35.5	+44.9	+43.0	+17.6	+28.5	+44.0
신안군	103.0	120.8	123.7	129.8	137.6	140.0	139.8	148.4	147.8	122.2	133.7	148.1
		+17.8	+20.7	+26.8	+34.6	+37.0	+36.8	+45.4	+44.8	+19.2	+30.7	+45.1
여수시	98.6	119.7	124.8	133.4	139.0	144.3	143.5	153.6	152.0	122.3	136.2	152.8
		+21.1	+26.2	+34.8	+40.4	+45.7	+44.9	+55.0	+53.4	+23.7	+37.6	+54.2
영광군	116.8	131.8	133.9	140.8	147.1	149.7	148.5	158.1	157.0	132.8	143.9	157.6
		+15.0	+17.1	+24.0	+30.3	+32.9	+31.7	+41.3	+40.2	+16.0	+27.1	+40.8
영암군	130.1	145.0	147.7	154.1	159.5	163.0	161.8	172.4	168.9	146.4	156.8	170.7
		+14.9	+17.6	+24.0	+29.4	+32.9	+31.7	+42.3	+38.8	+16.3	+26.7	+40.6
완도군	102.4	120.5	125.3	133.1	141.0	143.5	144.4	153.3	152.0	122.9	137.1	152.6
		+18.1	+22.9	+30.7	+38.6	+41.1	+42.0	+50.9	+49.6	+20.5	+34.7	+50.2
장성군	131.8	146.1	147.6	154.6	160.5	163.5	162.3	172.3	170.1	146.9	157.5	171.2
		+14.3	+15.8	+22.8	+28.7	+31.7	+30.5	+40.5	+38.3	+15.1	+25.7	+39.4
장흥군	117.2	134.8	138.9	146.6	150.5	155.4	154.8	164.6	162.7	136.8	148.6	163.6
		+17.6	+21.7	+29.4	+33.3	+38.2	+37.6	+47.4	+45.5	+19.6	+31.4	+46.4
진도군	105.8	123.5	126.5	133.5	141.1	143.6	143.9	152.4	151.4	125.0	137.3	151.9
		+17.7	+20.7	+27.7	+35.3	+37.8	+38.1	+46.6	+45.6	+19.2	+31.5	+46.1
함평군	125.9	140.4	142.3	149.5	154.7	157.6	156.4	166.5	164.1	141.3	152.1	165.3
		+14.5	+16.4	+23.6	+28.8	+31.7	+30.5	+40.6	+38.2	+15.4	+26.2	+39.4
해남군	116.0	133.0	136.7	144.0	148.8	152.6	152.2	162.3	159.9	134.8	146.4	161.1
		+17.0	+20.7	+28.0	+32.8	+36.6	+36.2	+46.3	+43.9	+18.8	+30.4	+45.1
화순군	130.4	145.6	148.3	155.0	159.6	164.2	163.5	172.9	170.6	146.9	157.3	171.8
		+15.2	+17.9	+24.6	+29.2	+33.8	+33.1	+42.5	+40.2	+16.5	+26.9	+41.4

표 4-43. 전라남도의 여름일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	121.1	133.8	141.9	153.8	157.6	166.8	170.7	181.2	189.6	137.8	155.7	185.4
		+12.7	+20.8	+32.7	+36.5	+45.7	+49.6	+60.1	+68.5	+16.7	+34.6	+64.3
강진군	119.3	133.3	140.1	153.4	156.9	165.9	170.5	181.4	189.6	136.7	155.2	185.5
		+14.0	+20.8	+34.1	+37.6	+46.6	+51.2	+62.1	+70.3	+17.4	+35.9	+66.2
고흥군	113.6	129.7	136.9	150.4	153.8	163.9	168.8	178.8	188.2	133.3	152.1	183.5
		+16.1	+23.3	+36.8	+40.2	+50.3	+55.2	+65.2	+74.6	+19.7	+38.5	+69.9
곡성군	134.6	146.7	153.6	166.0	168.9	177.5	180.5	191.1	200.5	150.2	167.5	195.8
		+12.1	+19.0	+31.4	+34.3	+42.9	+45.9	+56.5	+65.9	+15.6	+32.9	+61.2
광양시	123.6	139.2	145.1	159.3	163.0	171.8	175.6	185.1	195.8	142.2	161.1	190.4
		+15.6	+21.5	+35.7	+39.4	+48.2	+52.0	+61.5	+72.2	+18.6	+37.5	+66.8
구례군	139.8	151.3	158.7	170.9	174.5	181.9	185.3	194.8	205.1	155.0	172.7	200.0
		+11.5	+18.9	+31.1	+34.7	+42.1	+45.5	+55.0	+65.3	+15.2	+32.9	+60.2
나주시	136.7	148.1	154.7	165.6	170.3	177.5	180.6	191.1	199.4	151.4	167.9	195.3
		+11.4	+18.0	+28.9	+33.6	+40.8	+43.9	+54.4	+62.7	+14.7	+31.2	+58.6
담양군	131.2	143.8	150.5	162.4	166.1	174.6	177.6	188.9	197.3	147.2	164.3	193.1
		+12.6	+19.3	+31.2	+34.9	+43.4	+46.4	+57.7	+66.1	+16.0	+33.1	+61.9
목포시	115.7	125.8	136.7	146.9	150.4	160.6	164.2	175.2	181.9	131.2	148.7	178.6
		+10.1	+21.0	+31.2	+34.7	+44.9	+48.5	+59.5	+66.2	+15.5	+33.0	+62.9
무안군	120.2	129.6	139.7	149.1	153.2	163.0	166.0	177.1	183.8	134.6	151.2	180.4
		+9.4	+19.5	+28.9	+33.0	+42.8	+45.8	+56.9	+63.6	+14.4	+31.0	+60.2
보성군	122.2	137.2	143.1	157.4	160.0	169.2	173.4	183.8	193.2	140.2	158.7	188.5
		+15.0	+20.9	+35.2	+37.8	+47.0	+51.2	+61.6	+71.0	+18.0	+36.5	+66.3
순천시	128.5	142.7	148.8	162.6	166.1	174.6	178.3	188.2	198.4	145.8	164.4	193.3
		+14.2	+20.3	+34.1	+37.6	+46.1	+49.8	+59.7	+69.9	+17.3	+35.9	+64.8
신안군	103.0	113.6	126.1	134.3	139.9	150.9	154.7	165.4	172.3	119.9	137.1	168.8
		+10.6	+23.1	+31.3	+36.9	+47.9	+51.7	+62.4	+69.3	+16.9	+34.1	+65.8
여수시	98.6	117.5	125.2	139.0	143.7	154.2	160.3	169.9	179.8	121.4	141.4	174.8
		+18.9	+26.6	+40.4	+45.1	+55.6	+61.7	+71.3	+81.2	+22.8	+42.8	+76.2
영광군	116.8	125.6	135.9	145.7	150.1	160.1	163.4	174.5	181.5	130.8	147.9	178.0
		+8.8	+19.1	+28.9	+33.3	+43.3	+46.6	+57.7	+64.7	+14.0	+31.1	+61.2
영암군	130.1	141.4	148.9	160.1	164.6	172.5	176.1	187.1	194.7	145.2	162.4	190.9
		+11.3	+18.8	+30.0	+34.5	+42.4	+46.0	+57.0	+64.6	+15.1	+32.3	+60.8
완도군	102.4	116.2	127.4	139.1	143.8	155.5	160.2	169.6	178.1	121.8	141.4	173.8
		+13.8	+25.0	+36.7	+41.4	+53.1	+57.8	+67.2	+75.7	+19.4	+39.0	+71.4
장성군	131.8	143.0	149.7	161.3	164.9	173.0	176.5	187.9	195.8	146.3	163.1	191.8
		+11.2	+17.9	+29.5	+33.1	+41.2	+44.7	+56.1	+64.0	+14.5	+31.3	+60.0
장흥군	117.2	132.4	139.0	152.7	155.7	165.3	169.9	180.2	189.0	135.7	154.2	184.6
		+15.2	+21.8	+35.5	+38.5	+48.1	+52.7	+63.0	+71.8	+18.5	+37.0	+67.4
진도군	105.8	117.3	129.1	139.6	143.5	154.6	158.8	169.3	176.2	123.2	141.5	172.7
		+11.5	+23.3	+33.8	+37.7	+48.8	+53.0	+63.5	+70.4	+17.4	+35.7	+66.9
함평군	125.9	135.7	144.4	155.1	158.8	167.5	170.6	182.0	188.8	140.0	157.0	185.4
		+9.8	+18.5	+29.2	+32.9	+41.6	+44.7	+56.1	+62.9	+14.1	+31.1	+59.5
해남군	116.0	129.3	137.5	149.6	153.0	162.5	167.3	178.0	185.6	133.4	151.3	181.8
		+13.3	+21.5	+33.6	+37.0	+46.5	+51.3	+62.0	+69.6	+17.4	+35.3	+65.8
화순군	130.4	143.5	149.7	162.1	165.6	174.1	177.1	187.8	196.6	146.6	163.8	192.2
		+13.1	+19.3	+31.7	+35.2	+43.7	+46.7	+57.4	+66.2	+16.2	+33.4	+61.8

표 4-44. 전라남도의 여름일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	121.1	136.4	143.6	153.5	160.6	173.4	184.6	193.3	202.1	140.0	157.1	197.7
		+15.3	+22.5	+32.4	+39.5	+52.3	+63.5	+72.2	+81.0	+18.9	+36.0	+76.6
강진군	119.3	135.2	142.2	152.3	160.1	173.0	184.8	193.5	202.3	138.7	156.2	197.9
		+15.9	+22.9	+33.0	+40.8	+53.7	+65.5	+74.2	+83.0	+19.4	+36.9	+78.6
고흥군	113.6	131.2	138.6	149.0	157.4	171.0	182.8	192.8	201.6	134.9	153.2	197.2
		+17.6	+25.0	+35.4	+43.8	+57.4	+69.2	+79.2	+88.0	+21.3	+39.6	+83.6
곡성군	134.6	148.2	155.9	164.5	172.2	183.9	194.3	202.5	211.6	152.0	168.4	207.0
		+13.6	+21.3	+29.9	+37.6	+49.3	+59.7	+67.9	+77.0	+17.4	+33.8	+72.4
광양시	123.6	140.5	148.0	156.8	165.2	178.3	189.8	199.6	208.0	144.2	161.0	203.8
		+16.9	+24.4	+33.2	+41.6	+54.7	+66.2	+76.0	+84.4	+20.6	+37.4	+80.2
구례군	139.8	152.7	160.4	168.9	177.0	188.4	199.0	207.5	215.7	156.6	173.0	211.6
		+12.9	+20.6	+29.1	+37.2	+48.6	+59.2	+67.7	+75.9	+16.8	+33.2	+71.8
나주시	136.7	149.9	156.7	165.7	172.2	183.7	194.3	201.5	211.1	153.3	168.9	206.3
		+13.2	+20.0	+29.0	+35.5	+47.0	+57.6	+64.8	+74.4	+16.6	+32.2	+69.6
담양군	131.2	145.6	153.1	162.3	169.3	181.2	191.6	199.6	209.1	149.3	165.8	204.4
		+14.4	+21.9	+31.1	+38.1	+50.0	+60.4	+68.4	+77.9	+18.1	+34.6	+73.2
목포시	115.7	131.0	137.8	148.1	153.8	167.3	178.1	186.6	195.0	134.4	150.9	190.8
		+15.3	+22.1	+32.4	+38.1	+51.6	+62.4	+70.9	+79.3	+18.7	+35.2	+75.1
무안군	120.2	134.6	140.9	150.5	156.3	169.0	180.0	188.3	196.9	137.8	153.4	192.6
		+14.4	+20.7	+30.3	+36.1	+48.8	+59.8	+68.1	+76.7	+17.6	+33.2	+72.4
보성군	122.2	137.8	145.8	155.0	163.4	176.2	187.6	196.7	205.7	141.8	159.2	201.2
		+15.6	+23.6	+32.8	+41.2	+54.0	+65.4	+74.5	+83.5	+19.6	+37.0	+79.0
순천시	128.5	143.8	151.3	160.3	168.4	180.9	192.4	201.8	210.0	147.5	164.4	205.9
		+15.3	+22.8	+31.8	+39.9	+52.4	+63.9	+73.3	+81.5	+19.0	+35.9	+77.4
신안군	103.0	120.3	125.6	138.1	142.8	156.7	168.2	177.7	184.8	123.0	140.4	181.3
		+17.3	+22.6	+35.1	+39.8	+53.7	+65.2	+74.7	+81.8	+20.0	+37.4	+78.3
여수시	98.6	119.1	126.5	138.4	147.2	161.4	174.1	184.2	194.1	122.8	142.8	189.1
		+20.5	+27.9	+39.8	+48.6	+62.8	+75.5	+85.6	+95.5	+24.2	+44.2	+90.5
영광군	116.8	131.4	137.4	147.8	153.3	165.6	177.4	185.9	194.1	134.4	150.5	190.0
		+14.6	+20.6	+31.0	+36.5	+48.8	+60.6	+69.1	+77.3	+17.6	+33.7	+73.2
영암군	130.1	144.3	151.1	159.8	166.6	179.1	190.2	197.7	207.0	147.7	163.2	202.4
		+14.2	+21.0	+29.7	+36.5	+49.0	+60.1	+67.6	+76.9	+17.6	+33.1	+72.3
완도군	102.4	119.7	127.1	139.9	146.9	161.9	173.7	182.9	191.4	123.4	143.4	187.1
		+17.3	+24.7	+37.5	+44.5	+59.5	+71.3	+80.5	+89.0	+21.0	+41.0	+84.7
장성군	131.8	145.2	152.4	161.9	168.3	179.8	190.7	198.0	207.8	148.8	165.1	202.9
		+13.4	+20.6	+30.1	+36.5	+48.0	+58.9	+66.2	+76.0	+17.0	+33.3	+71.1
장흥군	117.2	133.7	141.5	151.4	159.3	172.4	183.8	192.9	202.0	137.6	155.3	197.4
		+16.5	+24.3	+34.2	+42.1	+55.2	+66.6	+75.7	+84.8	+20.4	+38.1	+80.2
진도군	105.8	121.8	128.6	141.3	146.9	160.9	172.3	181.4	189.7	125.2	144.1	185.5
		+16.0	+22.8	+35.5	+41.1	+55.1	+66.5	+75.6	+83.9	+19.4	+38.3	+79.7
함평군	125.9	139.6	146.2	155.5	161.6	173.5	184.7	192.4	202.1	142.9	158.6	197.2
		+13.7	+20.3	+29.6	+35.7	+47.6	+58.8	+66.5	+76.2	+17.0	+32.7	+71.3
해남군	116.0	131.4	139.0	149.0	156.2	169.6	181.3	189.9	198.7	135.2	152.6	194.3
		+15.4	+23.0	+33.0	+40.2	+53.6	+65.3	+73.9	+82.7	+19.2	+36.6	+78.3
화순군	130.4	144.6	152.3	161.1	168.4	180.6	191.3	199.3	208.5	148.5	164.8	203.9
		+14.2	+21.9	+30.7	+38.0	+50.2	+60.9	+68.9	+78.1	+18.1	+34.4	+73.5

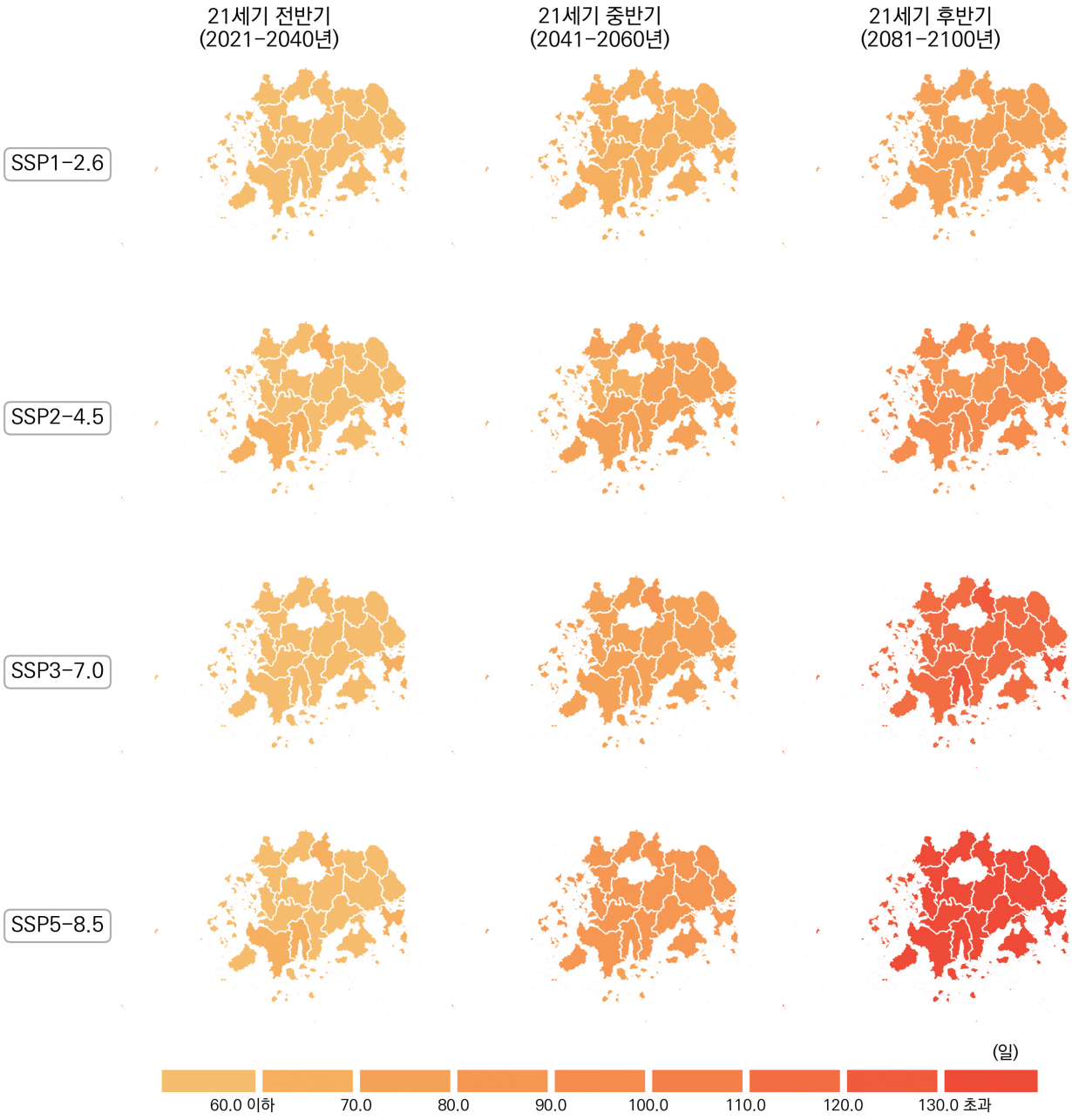


그림 4-21. 전라남도의 온난일(일) 전망 분포도

표 4-45. 전라남도의 온난일 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	35.5	51.6	57.4	65.7	64.0	66.1	70.0	74.6	73.4	54.5	64.9	74.0
		+16.1	+21.9	+30.2	+28.5	+30.6	+34.5	+39.1	+37.9	+19.0	+29.4	+38.5
강진군	35.7	53.0	58.5	67.3	66.7	67.6	71.6	76.7	76.2	55.8	67.0	76.4
		+17.3	+22.8	+31.6	+31.0	+31.9	+35.9	+41.0	+40.5	+20.1	+31.3	+40.7
고흥군	35.7	52.2	58.9	66.3	65.5	65.9	70.9	74.4	72.3	55.5	65.9	73.4
		+16.5	+23.2	+30.6	+29.8	+30.2	+35.2	+38.7	+36.6	+19.8	+30.2	+37.7
곡성군	35.7	51.2	56.7	65.5	62.6	66.3	69.1	74.1	74.1	54.0	64.0	74.1
		+15.5	+21.0	+29.8	+26.9	+30.6	+33.4	+38.4	+38.4	+18.3	+28.3	+38.4
광양시	35.8	52.0	58.3	65.8	65.7	66.3	70.7	74.3	73.3	55.1	65.8	73.8
		+16.2	+22.5	+30.0	+29.9	+30.5	+34.9	+38.5	+37.5	+19.3	+30.0	+38.0
구례군	36.4	50.5	56.9	64.8	62.7	65.4	69.4	73.7	73.0	53.7	63.7	73.4
		+14.1	+20.5	+28.4	+26.3	+29.0	+33.0	+37.3	+36.6	+17.3	+27.3	+37.0
나주시	34.6	50.6	55.4	64.4	61.5	65.5	68.1	73.9	73.6	53.0	63.0	73.8
		+16.0	+20.8	+29.8	+26.9	+30.9	+33.5	+39.3	+39.0	+18.4	+28.4	+39.2
담양군	34.8	52.7	57.7	67.1	63.8	67.5	70.8	76.0	76.1	55.2	65.5	76.0
		+17.9	+22.9	+32.3	+29.0	+32.7	+36.0	+41.2	+41.3	+20.4	+30.7	+41.2
목포시	34.9	51.4	57.5	65.8	63.1	66.3	69.9	74.5	72.8	54.5	64.4	73.7
		+16.5	+22.6	+30.9	+28.2	+31.4	+35.0	+39.6	+37.9	+19.6	+29.5	+38.8
무안군	35.0	50.5	56.5	64.2	61.9	65.5	69.0	73.5	71.6	53.5	63.0	72.6
		+15.5	+21.5	+29.2	+26.9	+30.5	+34.0	+38.5	+36.6	+18.5	+28.0	+37.6
보성군	35.9	51.2	56.6	65.7	64.3	66.0	70.0	74.7	74.5	53.9	65.0	74.6
		+15.3	+20.7	+29.8	+28.4	+30.1	+34.1	+38.8	+38.6	+18.0	+29.1	+38.7
순천시	36.4	52.1	58.4	66.6	65.6	67.0	71.1	75.2	74.7	55.2	66.1	75.0
		+15.7	+22.0	+30.2	+29.2	+30.6	+34.7	+38.8	+38.3	+18.8	+29.7	+38.6
신안군	35.6	50.0	56.9	64.5	62.4	64.6	68.4	72.7	69.3	53.4	63.4	71.0
		+14.4	+21.3	+28.9	+26.8	+29.0	+32.8	+37.1	+33.7	+17.8	+27.8	+35.4
여수시	35.6	53.8	60.8	67.9	67.9	67.8	72.8	76.2	73.6	57.3	67.9	74.9
		+18.2	+25.2	+32.3	+32.3	+32.2	+37.2	+40.6	+38.0	+21.7	+32.3	+39.3
영광군	34.9	50.5	56.8	64.4	62.6	66.0	68.9	73.8	71.5	53.7	63.5	72.7
		+15.6	+21.9	+29.5	+27.7	+31.1	+34.0	+38.9	+36.6	+18.8	+28.6	+37.8
영암군	35.8	52.0	56.6	65.3	63.2	66.7	69.8	75.3	75.2	54.3	64.3	75.3
		+16.2	+20.8	+29.5	+27.4	+30.9	+34.0	+39.5	+39.4	+18.5	+28.5	+39.5
완도군	35.3	51.3	58.4	65.7	64.7	64.2	68.4	72.4	69.0	54.8	65.2	70.7
		+16.0	+23.1	+30.4	+29.4	+28.9	+33.1	+37.1	+33.7	+19.5	+29.9	+35.4
장성군	34.3	52.1	56.6	65.6	62.6	66.4	70.0	74.5	74.7	54.3	64.1	74.6
		+17.8	+22.3	+31.3	+28.3	+32.1	+35.7	+40.2	+40.4	+20.0	+29.8	+40.3
장흥군	36.4	51.7	57.2	66.1	65.0	66.2	70.1	75.1	74.3	54.5	65.5	74.7
		+15.3	+20.8	+29.7	+28.6	+29.8	+33.7	+38.7	+37.9	+18.1	+29.1	+38.3
진도군	35.4	51.9	58.6	66.5	64.8	65.6	70.5	74.4	72.0	55.3	65.6	73.2
		+16.5	+23.2	+31.1	+29.4	+30.2	+35.1	+39.0	+36.6	+19.9	+30.2	+37.8
함평군	35.0	51.0	56.0	64.5	62.1	65.5	69.1	73.9	73.0	53.5	63.3	73.4
		+16.0	+21.0	+29.5	+27.1	+30.5	+34.1	+38.9	+38.0	+18.5	+28.3	+38.4
해남군	35.9	53.2	58.3	67.3	66.1	67.4	71.5	76.2	75.2	55.7	66.7	75.7
		+17.3	+22.4	+31.4	+30.2	+31.5	+35.6	+40.3	+39.3	+19.8	+30.8	+39.8
화순군	35.8	50.7	55.8	65.0	62.5	65.6	68.5	74.2	74.3	53.3	63.8	74.3
		+14.9	+20.0	+29.2	+26.7	+29.8	+32.7	+38.4	+38.5	+17.5	+28.0	+38.5

표 4-46. 전라남도의 온난일 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	35.5	55.3	63.5	68.7	73.9	81.9	80.7	89.3	92.1	59.4	71.3	90.7
		+19.8	+28.0	+33.2	+38.4	+46.4	+45.2	+53.8	+56.6	+23.9	+35.8	+55.2
강진군	35.7	56.3	64.8	71.3	75.2	84.3	82.8	90.9	93.6	60.6	73.3	92.3
		+20.6	+29.1	+35.6	+39.5	+48.6	+47.1	+55.2	+57.9	+24.9	+37.6	+56.6
고흥군	35.7	55.3	64.0	69.4	74.1	82.6	82.1	89.1	92.1	59.6	71.8	90.6
		+19.6	+28.3	+33.7	+38.4	+46.9	+46.4	+53.4	+56.4	+23.9	+36.1	+54.9
곡성군	35.7	55.7	63.4	69.0	73.4	82.1	80.0	88.5	92.2	59.5	71.2	90.4
		+20.0	+27.7	+33.3	+37.7	+46.4	+44.3	+52.8	+56.5	+23.8	+35.5	+54.7
광양시	35.8	55.5	63.9	69.5	74.0	83.7	81.7	89.2	93.2	59.7	71.8	91.2
		+19.7	+28.1	+33.7	+38.2	+47.9	+45.9	+53.4	+57.4	+23.9	+36.0	+55.4
구례군	36.4	55.2	63.1	68.7	73.5	81.8	80.0	88.6	92.3	59.2	71.1	90.5
		+18.8	+26.7	+32.3	+37.1	+45.4	+43.6	+52.2	+55.9	+22.8	+34.7	+54.1
나주시	34.6	54.3	62.2	67.5	72.0	80.6	78.7	87.1	89.9	58.2	69.8	88.5
		+19.7	+27.6	+32.9	+37.4	+46.0	+44.1	+52.5	+55.3	+23.6	+35.2	+53.9
담양군	34.8	56.5	64.9	69.9	74.9	83.1	81.1	89.8	93.8	60.7	72.4	91.8
		+21.7	+30.1	+35.1	+40.1	+48.3	+46.3	+55.0	+59.0	+25.9	+37.6	+57.0
목포시	34.9	55.0	62.4	68.1	74.4	81.2	80.6	90.7	92.6	58.7	71.3	91.6
		+20.1	+27.5	+33.2	+39.5	+46.3	+45.7	+55.8	+57.7	+23.8	+36.4	+56.7
무안군	35.0	54.1	61.9	66.9	73.0	80.0	79.3	88.8	91.3	58.0	70.0	90.1
		+19.1	+26.9	+31.9	+38.0	+45.0	+44.3	+53.8	+56.3	+23.0	+35.0	+55.1
보성군	35.9	54.5	63.1	69.0	73.7	82.9	80.6	89.1	91.7	58.8	71.3	90.4
		+18.6	+27.2	+33.1	+37.8	+47.0	+44.7	+53.2	+55.8	+22.9	+35.4	+54.5
순천시	36.4	55.7	64.2	70.1	74.9	84.1	82.3	90.2	93.7	59.9	72.5	91.9
		+19.3	+27.8	+33.7	+38.5	+47.7	+45.9	+53.8	+57.3	+23.5	+36.1	+55.5
신안군	35.6	54.5	62.1	66.2	73.2	78.5	79.2	89.4	91.3	58.3	69.7	90.4
		+18.9	+26.5	+30.6	+37.6	+42.9	+43.6	+53.8	+55.7	+22.7	+34.1	+54.8
여수시	35.6	57.0	65.8	71.3	75.9	84.6	84.2	91.9	94.0	61.4	73.6	92.9
		+21.4	+30.2	+35.7	+40.3	+49.0	+48.6	+56.3	+58.4	+25.8	+38.0	+57.3
영광군	34.9	54.3	62.6	67.1	73.3	79.8	79.5	88.8	92.5	58.5	70.2	90.7
		+19.4	+27.7	+32.2	+38.4	+44.9	+44.6	+53.9	+57.6	+23.6	+35.3	+55.8
영암군	35.8	55.2	63.3	69.3	73.8	82.0	80.9	89.6	91.7	59.2	71.5	90.7
		+19.4	+27.5	+33.5	+38.0	+46.2	+45.1	+53.8	+55.9	+23.4	+35.7	+54.9
완도군	35.3	55.0	62.7	67.3	72.9	79.1	80.3	87.7	90.2	58.9	70.1	88.9
		+19.7	+27.4	+32.0	+37.6	+43.8	+45.0	+52.4	+54.9	+23.6	+34.8	+53.6
장성군	34.3	55.2	63.9	68.0	73.4	82.2	79.3	87.9	92.2	59.5	70.7	90.1
		+20.9	+29.6	+33.7	+39.1	+47.9	+45.0	+53.6	+57.9	+25.2	+36.4	+55.8
장흥군	36.4	54.8	63.2	69.2	73.9	82.9	81.2	89.5	92.1	59.0	71.5	90.8
		+18.4	+26.8	+32.8	+37.5	+46.5	+44.8	+53.1	+55.7	+22.6	+35.1	+54.4
진도군	35.4	56.6	64.6	68.0	74.7	80.6	80.6	90.7	91.4	60.6	71.3	91.1
		+21.2	+29.2	+32.6	+39.3	+45.2	+45.2	+55.3	+56.0	+25.2	+35.9	+55.7
함평군	35.0	54.4	62.7	67.6	72.3	80.6	79.0	87.4	90.8	58.5	69.9	89.1
		+19.4	+27.7	+32.6	+37.3	+45.6	+44.0	+52.4	+55.8	+23.5	+34.9	+54.1
해남군	35.9	56.8	64.7	70.7	75.5	83.3	82.4	91.3	93.1	60.7	73.1	92.2
		+20.9	+28.8	+34.8	+39.6	+47.4	+46.5	+55.4	+57.2	+24.8	+37.2	+56.3
화순군	35.8	54.7	62.5	68.4	73.1	81.2	79.6	87.8	90.7	58.6	70.7	89.3
		+18.9	+26.7	+32.6	+37.3	+45.4	+43.8	+52.0	+54.9	+22.8	+34.9	+53.5

표 4-47. 전라남도의 온난일 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	35.5	56.3	59.8	73.3	82.2	91.4	100.4	115.3	121.7	58.1	77.7	118.5
		+20.8	+24.3	+37.8	+46.7	+55.9	+64.9	+79.8	+86.2	+22.6	+42.2	+83.0
강진군	35.7	57.9	62.0	75.4	84.6	93.0	102.3	117.0	124.3	59.9	80.0	120.7
		+22.2	+26.3	+39.7	+48.9	+57.3	+66.6	+81.3	+88.6	+24.2	+44.3	+85.0
고흥군	35.7	57.6	61.5	73.3	82.4	91.0	100.3	114.9	122.1	59.5	77.9	118.5
		+21.9	+25.8	+37.6	+46.7	+55.3	+64.6	+79.2	+86.4	+23.8	+42.2	+82.8
곡성군	35.7	57.2	59.3	74.9	83.2	91.1	100.2	115.0	122.6	58.2	79.0	118.8
		+21.5	+23.6	+39.2	+47.5	+55.4	+64.5	+79.3	+86.9	+22.5	+43.3	+83.1
광양시	35.8	56.7	61.2	74.1	83.0	90.7	101.4	115.0	123.0	58.9	78.5	119.0
		+20.9	+25.4	+38.3	+47.2	+54.9	+65.6	+79.2	+87.2	+23.1	+42.7	+83.2
구례군	36.4	56.5	59.5	74.2	82.3	90.6	100.3	114.3	122.9	58.0	78.3	118.6
		+20.1	+23.1	+37.8	+45.9	+54.2	+63.9	+77.9	+86.5	+21.6	+41.9	+82.2
나주시	34.6	55.5	58.1	72.9	82.0	90.2	98.4	113.3	120.3	56.8	77.4	116.8
		+20.9	+23.5	+38.3	+47.4	+55.6	+63.8	+78.7	+85.7	+22.2	+42.8	+82.2
담양군	34.8	57.7	60.4	76.2	84.8	93.3	101.8	116.9	123.9	59.0	80.5	120.4
		+22.9	+25.6	+41.4	+50.0	+58.5	+67.0	+82.1	+89.1	+24.2	+45.7	+85.6
목포시	34.9	54.9	58.9	71.3	80.9	92.8	101.1	117.0	120.9	56.9	76.1	119.0
		+20.0	+24.0	+36.4	+46.0	+57.9	+66.2	+82.1	+86.0	+22.0	+41.2	+84.1
무안군	35.0	53.9	57.6	70.5	79.9	91.1	99.2	114.7	119.7	55.8	75.2	117.2
		+18.9	+22.6	+35.5	+44.9	+56.1	+64.2	+79.7	+84.7	+20.8	+40.2	+82.2
보성군	35.9	56.5	60.0	74.6	83.1	90.9	101.3	115.2	123.0	58.2	78.8	119.1
		+20.6	+24.1	+38.7	+47.2	+55.0	+65.4	+79.3	+87.1	+22.3	+42.9	+83.2
순천시	36.4	57.3	61.1	75.5	83.7	91.6	102.5	115.8	124.0	59.2	79.6	119.9
		+20.9	+24.7	+39.1	+47.3	+55.2	+66.1	+79.4	+87.6	+22.8	+43.2	+83.5
신안군	35.6	53.5	57.4	68.2	78.4	90.3	98.6	114.2	117.2	55.5	73.3	115.7
		+17.9	+21.8	+32.6	+42.8	+54.7	+63.0	+78.6	+81.6	+19.9	+37.7	+80.1
여수시	35.6	59.3	63.4	75.2	84.3	92.8	102.5	116.8	124.1	61.3	79.7	120.4
		+23.7	+27.8	+39.6	+48.7	+57.2	+66.9	+81.2	+88.5	+25.7	+44.1	+84.8
영광군	34.9	53.8	57.6	70.5	80.4	91.4	99.1	114.7	119.6	55.7	75.5	117.1
		+18.9	+22.7	+35.6	+45.5	+56.5	+64.2	+79.8	+84.7	+20.8	+40.6	+82.2
영암군	35.8	56.2	59.6	74.0	83.2	91.9	99.8	115.3	121.8	57.9	78.6	118.6
		+20.4	+23.8	+38.2	+47.4	+56.1	+64.0	+79.5	+86.0	+22.1	+42.8	+82.8
완도군	35.3	56.0	60.8	69.9	79.1	88.7	98.4	113.6	118.4	58.4	74.5	116.0
		+20.7	+25.5	+34.6	+43.8	+53.4	+63.1	+78.3	+83.1	+23.1	+39.2	+80.7
장성군	34.3	56.2	59.1	74.0	83.3	91.9	99.8	114.9	121.9	57.7	78.7	118.4
		+21.9	+24.8	+39.7	+49.0	+57.6	+65.5	+80.6	+87.6	+23.4	+44.4	+84.1
장흥군	36.4	56.6	60.5	73.9	83.1	91.2	101.1	115.8	123.3	58.6	78.5	119.6
		+20.2	+24.1	+37.5	+46.7	+54.8	+64.7	+79.4	+86.9	+22.2	+42.1	+83.2
진도군	35.4	56.5	60.6	71.8	80.4	92.1	100.3	117.0	120.1	58.5	76.1	118.5
		+21.1	+25.2	+36.4	+45.0	+56.7	+64.9	+81.6	+84.7	+23.1	+40.7	+83.1
함평군	35.0	55.1	57.8	72.0	80.9	90.5	98.4	113.1	119.6	56.5	76.5	116.4
		+20.1	+22.8	+37.0	+45.9	+55.5	+63.4	+78.1	+84.6	+21.5	+41.5	+81.4
해남군	35.9	57.5	61.5	74.6	83.6	93.0	101.5	116.8	122.9	59.5	79.1	119.8
		+21.6	+25.6	+38.7	+47.7	+57.1	+65.6	+80.9	+87.0	+23.6	+43.2	+83.9
화순군	35.8	56.4	59.0	74.5	82.5	90.6	100.0	114.7	121.9	57.7	78.5	118.3
		+20.6	+23.2	+38.7	+46.7	+54.8	+64.2	+78.9	+86.1	+21.9	+42.7	+82.5

표 4-48. 전라남도의 온난일 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	35.5	56.9	61.7	79.4	84.9	100.6	114.3	129.4	139.7	59.3	82.2	134.6
		+21.4	+26.2	+43.9	+49.4	+65.1	+78.8	+93.9	+104.2	+23.8	+46.7	+99.1
강진군	35.7	57.7	63.5	81.8	87.4	103.0	116.2	132.2	142.3	60.6	84.6	137.3
		+22.0	+27.8	+46.1	+51.7	+67.3	+80.5	+96.5	+106.6	+24.9	+48.9	+101.6
고흥군	35.7	57.3	61.9	79.4	84.5	100.4	113.6	130.3	141.3	59.6	82.0	135.8
		+21.6	+26.2	+43.7	+48.8	+64.7	+77.9	+94.6	+105.6	+23.9	+46.3	+100.1
곡성군	35.7	57.0	61.5	78.6	85.2	100.2	114.9	129.4	141.1	59.3	81.9	135.2
		+21.3	+25.8	+42.9	+49.5	+64.5	+79.2	+93.7	+105.4	+23.6	+46.2	+99.5
광양시	35.8	57.2	62.0	78.7	84.9	100.6	114.5	130.0	141.9	59.6	81.8	135.9
		+21.4	+26.2	+42.9	+49.1	+64.8	+78.7	+94.2	+106.1	+23.8	+46.0	+100.1
구례군	36.4	56.4	61.3	77.6	85.0	99.8	114.6	129.0	141.1	58.9	81.3	135.0
		+20.0	+24.9	+41.2	+48.6	+63.4	+78.2	+92.6	+104.7	+22.5	+44.9	+98.6
나주시	34.6	55.3	60.9	77.9	83.8	99.3	113.3	128.0	137.8	58.1	80.8	132.9
		+20.7	+26.3	+43.3	+49.2	+64.7	+78.7	+93.4	+103.2	+23.5	+46.2	+98.3
담양군	34.8	58.3	63.3	80.8	86.8	101.9	116.8	131.2	142.1	60.8	83.8	136.7
		+23.5	+28.5	+46.0	+52.0	+67.1	+82.0	+96.4	+107.3	+26.0	+49.0	+101.9
목포시	34.9	57.0	60.8	79.9	84.8	101.6	114.9	129.4	138.3	58.9	82.3	133.8
		+22.1	+25.9	+45.0	+49.9	+66.7	+80.0	+94.5	+103.4	+24.0	+47.4	+98.9
무안군	35.0	56.1	60.1	78.9	83.7	99.7	112.9	127.4	136.1	58.1	81.3	131.8
		+21.1	+25.1	+43.9	+48.7	+64.7	+77.9	+92.4	+101.1	+23.1	+46.3	+96.8
보성군	35.9	55.9	61.8	78.6	85.9	100.8	115.2	130.1	141.5	58.8	82.2	135.8
		+20.0	+25.9	+42.7	+50.0	+64.9	+79.3	+94.2	+105.6	+22.9	+46.3	+99.9
순천시	36.4	57.2	62.5	79.4	86.3	102.1	116.4	131.0	142.7	59.9	82.8	136.8
		+20.8	+26.1	+43.0	+49.9	+65.7	+80.0	+94.6	+106.3	+23.5	+46.4	+100.4
신안군	35.6	56.4	59.3	78.5	82.2	99.1	111.7	125.4	134.3	57.9	80.4	129.8
		+20.8	+23.7	+42.9	+46.6	+63.5	+76.1	+89.8	+98.7	+22.3	+44.8	+94.2
여수시	35.6	59.3	63.5	81.1	86.1	102.1	115.8	132.4	143.5	61.4	83.6	137.9
		+23.7	+27.9	+45.5	+50.5	+66.5	+80.2	+96.8	+107.9	+25.8	+48.0	+102.3
영광군	34.9	56.8	60.2	79.8	84.0	99.6	112.7	126.8	135.8	58.5	81.9	131.3
		+21.9	+25.3	+44.9	+49.1	+64.7	+77.8	+91.9	+100.9	+23.6	+47.0	+96.4
영암군	35.8	56.3	61.9	80.2	85.7	100.7	114.7	129.5	139.0	59.1	82.9	134.3
		+20.5	+26.1	+44.4	+49.9	+64.9	+78.9	+93.7	+103.2	+23.3	+47.1	+98.5
완도군	35.3	57.0	60.9	78.5	81.5	98.5	110.8	128.3	138.8	58.9	80.0	133.6
		+21.7	+25.6	+43.2	+46.2	+63.2	+75.5	+93.0	+103.5	+23.6	+44.7	+98.3
장성군	34.3	57.2	62.1	79.6	85.3	100.2	114.8	129.2	139.0	59.7	82.5	134.1
		+22.9	+27.8	+45.3	+51.0	+65.9	+80.5	+94.9	+104.7	+25.4	+48.2	+99.8
장흥군	36.4	56.4	61.9	79.7	85.8	101.3	115.0	130.9	141.5	59.2	82.7	136.2
		+20.0	+25.5	+43.3	+49.4	+64.9	+78.6	+94.5	+105.1	+22.8	+46.3	+99.8
진도군	35.4	57.9	61.8	80.0	83.9	100.9	113.9	129.2	138.7	59.8	81.9	134.0
		+22.5	+26.4	+44.6	+48.5	+65.5	+78.5	+93.8	+103.3	+24.4	+46.5	+98.6
함평군	35.0	56.2	61.1	79.0	84.3	99.0	112.3	127.1	136.5	58.7	81.6	131.8
		+21.2	+26.1	+44.0	+49.3	+64.0	+77.3	+92.1	+101.5	+23.7	+46.6	+96.8
해남군	35.9	57.6	63.3	81.4	86.7	102.3	115.6	131.2	140.9	60.5	84.0	136.1
		+21.7	+27.4	+45.5	+50.8	+66.4	+79.7	+95.3	+105.0	+24.6	+48.1	+100.2
화순군	35.8	55.7	61.4	77.7	84.9	100.4	114.2	129.1	140.1	58.5	81.3	134.6
		+19.9	+25.6	+41.9	+49.1	+64.6	+78.4	+93.3	+104.3	+22.7	+45.5	+98.8

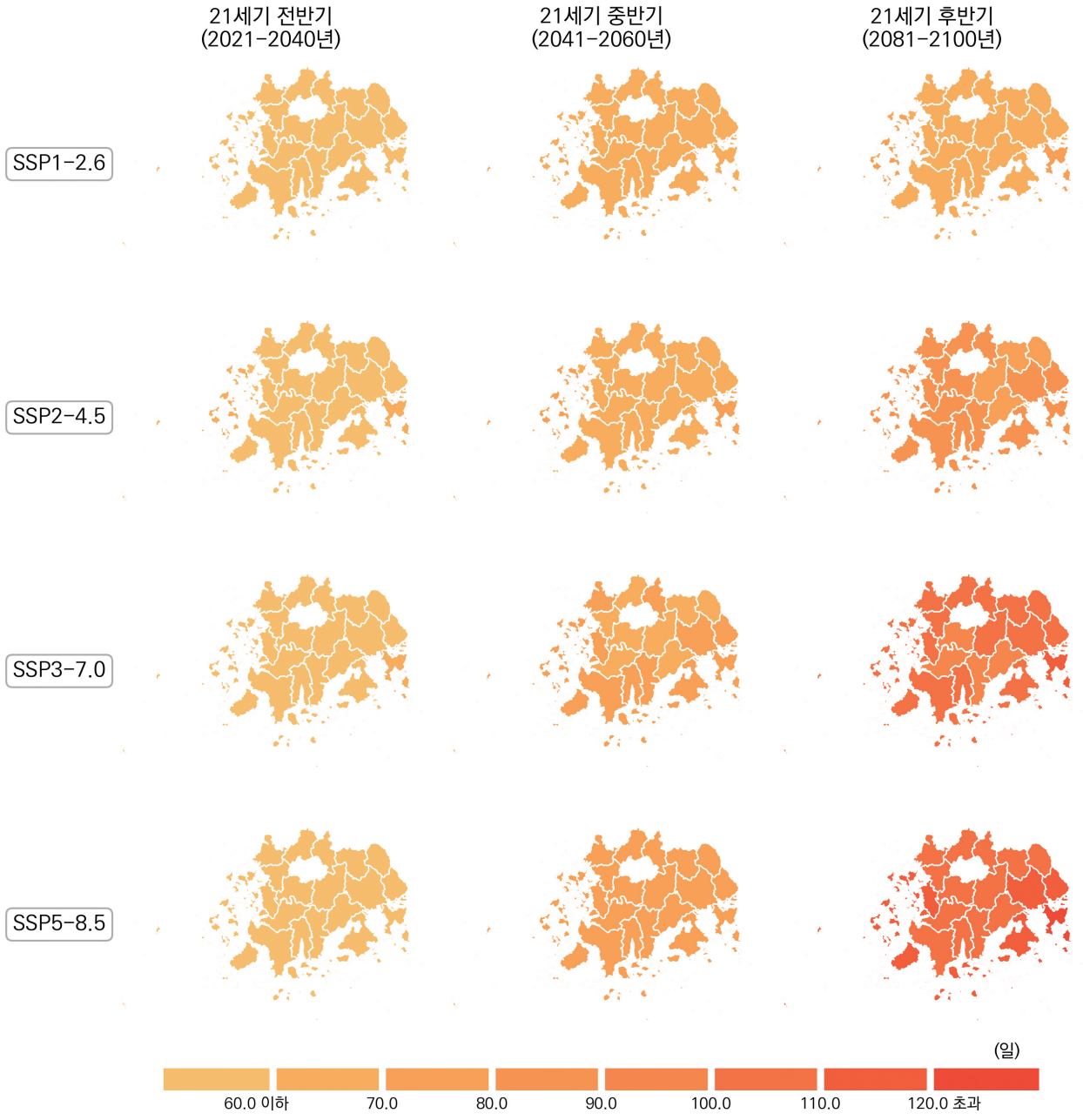


그림 4-22. 전라남도의 온난야(일) 전망 분포도

표 4-49. 전라남도의 온난야 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	36.2	53.3	57.1	63.6	63.1	63.1	65.8	68.0	65.0	55.2	63.3	66.5
		+17.1	+20.9	+27.4	+26.9	+26.9	+29.6	+31.8	+28.8	+19.0	+27.1	+30.3
강진군	36.0	52.8	57.3	63.3	62.5	62.5	64.9	67.2	64.4	55.0	62.9	65.8
		+16.8	+21.3	+27.3	+26.5	+26.5	+28.9	+31.2	+28.4	+19.0	+26.9	+29.8
고흥군	35.7	53.3	57.9	64.7	64.0	63.3	66.8	69.1	66.0	55.6	64.4	67.5
		+17.6	+22.2	+29.0	+28.3	+27.6	+31.1	+33.4	+30.3	+19.9	+28.7	+31.8
곡성군	37.0	52.7	56.8	62.1	62.3	62.4	63.7	66.3	63.3	54.7	62.2	64.8
		+15.7	+19.8	+25.1	+25.3	+25.4	+26.7	+29.3	+26.3	+17.7	+25.2	+27.8
광양시	36.4	53.4	56.7	64.1	63.5	62.4	66.3	68.7	65.7	55.1	63.8	67.2
		+17.0	+20.3	+27.7	+27.1	+26.0	+29.9	+32.3	+29.3	+18.7	+27.4	+30.8
구례군	36.8	52.3	56.3	62.0	62.3	61.9	63.4	65.9	62.9	54.3	62.1	64.4
		+15.5	+19.5	+25.2	+25.5	+25.1	+26.6	+29.1	+26.1	+17.5	+25.3	+27.6
나주시	36.2	53.0	56.7	62.3	62.1	62.5	64.5	66.5	63.6	54.9	62.2	65.0
		+16.8	+20.5	+26.1	+25.9	+26.3	+28.3	+30.3	+27.4	+18.7	+26.0	+28.8
담양군	36.6	53.1	56.6	62.4	62.5	62.6	64.9	66.8	63.8	54.8	62.4	65.3
		+16.5	+20.0	+25.8	+25.9	+26.0	+28.3	+30.2	+27.2	+18.2	+25.8	+28.7
목포시	35.5	53.9	57.8	64.8	64.0	64.5	67.9	69.5	66.7	55.9	64.4	68.1
		+18.4	+22.3	+29.3	+28.5	+29.0	+32.4	+34.0	+31.2	+20.4	+28.9	+32.6
무안군	35.8	53.6	56.7	63.7	63.0	63.6	66.9	68.6	65.5	55.1	63.3	67.0
		+17.8	+20.9	+27.9	+27.2	+27.8	+31.1	+32.8	+29.7	+19.3	+27.5	+31.2
보성군	36.8	52.5	56.9	62.3	62.2	61.9	63.4	66.3	63.6	54.7	62.3	65.0
		+15.7	+20.1	+25.5	+25.4	+25.1	+26.6	+29.5	+26.8	+17.9	+25.5	+28.2
순천시	37.0	53.1	57.3	63.3	63.4	62.4	64.9	67.5	65.3	55.2	63.4	66.4
		+16.1	+20.3	+26.3	+26.4	+25.4	+27.9	+30.5	+28.3	+18.2	+26.4	+29.4
신안군	35.0	54.9	58.5	66.9	65.8	66.2	70.4	72.2	69.1	56.7	66.3	70.6
		+19.9	+23.5	+31.9	+30.8	+31.2	+35.4	+37.2	+34.1	+21.7	+31.3	+35.6
여수시	36.0	55.3	59.1	67.2	66.7	65.6	70.3	72.1	69.4	57.2	66.9	70.8
		+19.3	+23.1	+31.2	+30.7	+29.6	+34.3	+36.1	+33.4	+21.2	+30.9	+34.8
영광군	36.1	52.8	56.1	62.6	62.0	62.9	65.9	67.3	64.0	54.4	62.3	65.7
		+16.7	+20.0	+26.5	+25.9	+26.8	+29.8	+31.2	+27.9	+18.3	+26.2	+29.6
영암군	36.1	53.4	57.1	62.7	62.2	62.9	64.9	67.1	64.0	55.2	62.4	65.6
		+17.3	+21.0	+26.6	+26.1	+26.8	+28.8	+31.0	+27.9	+19.1	+26.3	+29.5
완도군	35.4	53.9	58.5	66.4	65.4	65.0	68.7	71.0	67.8	56.2	65.9	69.4
		+18.5	+23.1	+31.0	+30.0	+29.6	+33.3	+35.6	+32.4	+20.8	+30.5	+34.0
장성군	36.6	53.1	56.5	62.4	62.1	62.3	64.8	66.5	63.5	54.8	62.2	65.0
		+16.5	+19.9	+25.8	+25.5	+25.7	+28.2	+29.9	+26.9	+18.2	+25.6	+28.4
장흥군	36.5	52.7	57.1	63.2	62.2	62.2	64.5	66.9	64.2	54.9	62.7	65.5
		+16.2	+20.6	+26.7	+25.7	+25.7	+28.0	+30.4	+27.7	+18.4	+26.2	+29.0
진도군	35.9	53.4	57.3	64.3	63.2	64.1	66.6	68.7	65.8	55.3	63.7	67.3
		+17.5	+21.4	+28.4	+27.3	+28.2	+30.7	+32.8	+29.9	+19.4	+27.8	+31.4
함평군	36.3	52.9	56.0	62.3	61.8	62.2	65.0	66.7	63.6	54.5	62.1	65.1
		+16.6	+19.7	+26.0	+25.5	+25.9	+28.7	+30.4	+27.3	+18.2	+25.8	+28.8
해남군	35.9	53.0	57.1	63.4	62.5	63.1	65.7	67.7	64.8	55.0	62.9	66.2
		+17.1	+21.2	+27.5	+26.6	+27.2	+29.8	+31.8	+28.9	+19.1	+27.0	+30.3
화순군	36.6	52.7	56.8	62.2	62.2	62.3	63.3	66.3	63.4	54.7	62.2	64.9
		+16.1	+20.2	+25.6	+25.6	+25.7	+26.7	+29.7	+26.8	+18.1	+25.6	+28.3

표 4-50. 전라남도의 온난야 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	36.2	53.9	61.3	66.7	69.4	75.1	75.3	80.5	83.6	57.6	68.0	82.1
		+17.7	+25.1	+30.5	+33.2	+38.9	+39.1	+44.3	+47.4	+21.4	+31.8	+45.9
강진군	36.0	53.4	61.0	66.2	69.1	74.1	74.3	79.5	83.0	57.2	67.6	81.2
		+17.4	+25.0	+30.2	+33.1	+38.1	+38.3	+43.5	+47.0	+21.2	+31.6	+45.2
고흥군	35.7	54.2	62.1	67.0	70.3	76.5	76.1	81.9	84.8	58.1	68.7	83.3
		+18.5	+26.4	+31.3	+34.6	+40.8	+40.4	+46.2	+49.1	+22.4	+33.0	+47.6
곡성군	37.0	52.4	59.9	65.8	68.0	73.0	73.2	78.1	80.8	56.2	66.9	79.4
		+15.4	+22.9	+28.8	+31.0	+36.0	+36.2	+41.1	+43.8	+19.2	+29.9	+42.4
광양시	36.4	53.8	61.5	67.2	70.2	76.2	75.9	81.4	85.1	57.7	68.7	83.2
		+17.4	+25.1	+30.8	+33.8	+39.8	+39.5	+45.0	+48.7	+21.3	+32.3	+46.8
구례군	36.8	51.9	59.3	65.4	67.6	72.6	72.9	78.2	80.5	55.6	66.5	79.3
		+15.1	+22.5	+28.6	+30.8	+35.8	+36.1	+41.4	+43.7	+18.8	+29.7	+42.5
나주시	36.2	53.1	60.5	66.2	68.3	73.6	73.7	78.5	81.7	56.8	67.3	80.1
		+16.9	+24.3	+30.0	+32.1	+37.4	+37.5	+42.3	+45.5	+20.6	+31.1	+43.9
담양군	36.6	53.3	60.2	66.2	68.4	73.9	73.8	78.4	82.0	56.8	67.3	80.2
		+16.7	+23.6	+29.6	+31.8	+37.3	+37.2	+41.8	+45.4	+20.2	+30.7	+43.6
목포시	35.5	55.6	63.0	67.9	70.4	77.0	77.5	83.1	86.5	59.3	69.2	84.8
		+20.1	+27.5	+32.4	+34.9	+41.5	+42.0	+47.6	+51.0	+23.8	+33.7	+49.3
무안군	35.8	54.7	62.0	67.3	69.3	75.8	75.8	81.4	84.5	58.4	68.3	83.0
		+18.9	+26.2	+31.5	+33.5	+40.0	+40.0	+45.6	+48.7	+22.6	+32.5	+47.2
보성군	36.8	52.1	59.5	65.5	68.0	73.5	73.3	78.1	81.0	55.8	66.7	79.6
		+15.3	+22.7	+28.7	+31.2	+36.7	+36.5	+41.3	+44.2	+19.0	+29.9	+42.8
순천시	37.0	52.8	60.5	66.8	69.8	74.8	75.0	80.5	83.3	56.6	68.3	81.9
		+15.8	+23.5	+29.8	+32.8	+37.8	+38.0	+43.5	+46.3	+19.6	+31.3	+44.9
신안군	35.0	56.9	65.0	68.9	72.6	79.2	79.9	86.1	89.2	60.9	70.8	87.7
		+21.9	+30.0	+33.9	+37.6	+44.2	+44.9	+51.1	+54.2	+25.9	+35.8	+52.7
여수시	36.0	56.4	64.3	69.3	73.7	80.7	80.3	86.6	89.5	60.3	71.5	88.0
		+20.4	+28.3	+33.3	+37.7	+44.7	+44.3	+50.6	+53.5	+24.3	+35.5	+52.0
영광군	36.1	54.3	61.0	66.1	68.2	74.8	74.8	79.7	83.7	57.6	67.2	81.7
		+18.2	+24.9	+30.0	+32.1	+38.7	+38.7	+43.6	+47.6	+21.5	+31.1	+45.6
영암군	36.1	53.9	60.7	66.3	68.6	74.0	74.1	78.9	82.3	57.3	67.4	80.6
		+17.8	+24.6	+30.2	+32.5	+37.9	+38.0	+42.8	+46.2	+21.2	+31.3	+44.5
완도군	35.4	56.2	63.7	67.6	71.8	78.3	78.5	84.5	87.1	60.0	69.7	85.8
		+20.8	+28.3	+32.2	+36.4	+42.9	+43.1	+49.1	+51.7	+24.6	+34.3	+50.4
장성군	36.6	53.2	60.2	66.2	68.3	73.6	73.9	78.5	81.8	56.7	67.3	80.2
		+16.6	+23.6	+29.6	+31.7	+37.0	+37.3	+41.9	+45.2	+20.1	+30.7	+43.6
장흥군	36.5	53.0	60.4	65.8	68.7	74.2	74.0	79.1	82.3	56.7	67.2	80.7
		+16.5	+23.9	+29.3	+32.2	+37.7	+37.5	+42.6	+45.8	+20.2	+30.7	+44.2
진도군	35.9	55.3	62.2	66.8	69.8	75.6	76.3	81.7	84.3	58.8	68.3	83.0
		+19.4	+26.3	+30.9	+33.9	+39.7	+40.4	+45.8	+48.4	+22.9	+32.4	+47.1
함평군	36.3	53.3	60.4	66.4	68.1	73.8	74.1	78.8	82.0	56.8	67.3	80.4
		+17.0	+24.1	+30.1	+31.8	+37.5	+37.8	+42.5	+45.7	+20.5	+31.0	+44.1
해남군	35.9	54.3	61.3	66.5	69.0	74.6	74.9	80.2	83.3	57.8	67.8	81.8
		+18.4	+25.4	+30.6	+33.1	+38.7	+39.0	+44.3	+47.4	+21.9	+31.9	+45.9
화순군	36.6	52.3	59.5	65.5	68.1	73.3	73.5	77.9	80.8	55.9	66.8	79.4
		+15.7	+22.9	+28.9	+31.5	+36.7	+36.9	+41.3	+44.2	+19.3	+30.2	+42.8

표 4-51. 전라남도의 온난야 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	36.2	56.2	60.3	67.3	74.8	82.9	88.5	100.3	103.8	58.2	71.1	102.1
		+20.0	+24.1	+31.1	+38.6	+46.7	+52.3	+64.1	+67.6	+22.0	+34.9	+65.9
강진군	36.0	55.6	59.5	66.6	74.2	82.2	87.3	99.1	102.6	57.6	70.4	100.8
		+19.6	+23.5	+30.6	+38.2	+46.2	+51.3	+63.1	+66.6	+21.6	+34.4	+64.8
고흥군	35.7	56.7	61.1	67.9	76.6	84.4	90.2	102.2	105.4	58.9	72.2	103.8
		+21.0	+25.4	+32.2	+40.9	+48.7	+54.5	+66.5	+69.7	+23.2	+36.5	+68.1
곡성군	37.0	55.8	59.7	66.1	73.3	81.2	86.8	98.6	101.6	57.7	69.7	100.1
		+18.8	+22.7	+29.1	+36.3	+44.2	+49.8	+61.6	+64.6	+20.7	+32.7	+63.1
광양시	36.4	57.2	60.7	68.2	76.7	84.1	90.6	103.2	106.8	58.9	72.4	105.0
		+20.8	+24.3	+31.8	+40.3	+47.7	+54.2	+66.8	+70.4	+22.5	+36.0	+68.6
구례군	36.8	55.4	59.6	65.8	73.3	81.2	86.6	98.8	101.4	57.5	69.5	100.1
		+18.6	+22.8	+29.0	+36.5	+44.4	+49.8	+62.0	+64.6	+20.7	+32.7	+63.3
나주시	36.2	55.6	59.8	66.3	73.0	81.3	86.5	97.9	101.8	57.7	69.7	99.8
		+19.4	+23.6	+30.1	+36.8	+45.1	+50.3	+61.7	+65.6	+21.5	+33.5	+63.6
담양군	36.6	55.9	59.8	66.8	73.5	81.8	86.8	99.1	102.6	57.8	70.2	100.8
		+19.3	+23.2	+30.2	+36.9	+45.2	+50.2	+62.5	+66.0	+21.2	+33.6	+64.2
목포시	35.5	57.0	61.2	68.8	76.4	84.4	90.3	102.0	105.8	59.1	72.6	103.9
		+21.5	+25.7	+33.3	+40.9	+48.9	+54.8	+66.5	+70.3	+23.6	+37.1	+68.4
무안군	35.8	56.4	60.6	67.9	74.6	82.8	88.6	99.7	103.7	58.5	71.3	101.7
		+20.6	+24.8	+32.1	+38.8	+47.0	+52.8	+63.9	+67.9	+22.7	+35.5	+65.9
보성군	36.8	55.4	59.4	65.8	73.4	81.2	86.2	98.1	100.9	57.4	69.6	99.5
		+18.6	+22.6	+29.0	+36.6	+44.4	+49.4	+61.3	+64.1	+20.6	+32.8	+62.7
순천시	37.0	56.4	60.6	67.2	75.6	83.8	89.5	102.3	105.3	58.5	71.4	103.8
		+19.4	+23.6	+30.2	+38.6	+46.8	+52.5	+65.3	+68.3	+21.5	+34.4	+66.8
신안군	35.0	56.9	61.9	69.9	77.8	86.3	92.4	104.3	108.7	59.4	73.9	106.5
		+21.9	+26.9	+34.9	+42.8	+51.3	+57.4	+69.3	+73.7	+24.4	+38.9	+71.5
여수시	36.0	58.9	62.8	71.1	80.8	88.4	95.9	109.5	112.8	60.8	76.0	111.1
		+22.9	+26.8	+35.1	+44.8	+52.4	+59.9	+73.5	+76.8	+24.8	+40.0	+75.1
영광군	36.1	55.7	59.9	67.2	73.3	81.6	87.3	98.1	102.1	57.8	70.2	100.1
		+19.6	+23.8	+31.1	+37.2	+45.5	+51.2	+62.0	+66.0	+21.7	+34.1	+64.0
영암군	36.1	56.0	59.9	66.5	73.5	81.5	86.7	97.9	101.9	57.9	70.0	99.9
		+19.9	+23.8	+30.4	+37.4	+45.4	+50.6	+61.8	+65.8	+21.8	+33.9	+63.8
완도군	35.4	56.7	62.0	69.2	77.9	85.6	91.8	103.6	107.3	59.3	73.5	105.4
		+21.3	+26.6	+33.8	+42.5	+50.2	+56.4	+68.2	+71.9	+23.9	+38.1	+70.0
장성군	36.6	55.9	60.0	66.7	73.1	82.0	86.7	98.7	102.1	57.9	69.9	100.4
		+19.3	+23.4	+30.1	+36.5	+45.4	+50.1	+62.1	+65.5	+21.3	+33.3	+63.8
장흥군	36.5	55.5	59.4	66.4	73.9	81.7	86.8	98.2	101.5	57.5	70.1	99.8
		+19.0	+22.9	+29.9	+37.4	+45.2	+50.3	+61.7	+65.0	+21.0	+33.6	+63.3
진도군	35.9	56.2	60.5	67.0	74.6	82.6	88.3	99.3	103.4	58.4	70.8	101.4
		+20.3	+24.6	+31.1	+38.7	+46.7	+52.4	+63.4	+67.5	+22.5	+34.9	+65.5
함평군	36.3	55.4	59.5	66.7	73.0	81.6	86.9	98.3	101.9	57.5	69.8	100.1
		+19.1	+23.2	+30.4	+36.7	+45.3	+50.6	+62.0	+65.6	+21.2	+33.5	+63.8
해남군	35.9	56.1	59.9	67.0	74.4	82.3	87.7	99.1	103.0	58.0	70.7	101.0
		+20.2	+24.0	+31.1	+38.5	+46.4	+51.8	+63.2	+67.1	+22.1	+34.8	+65.1
화순군	36.6	55.2	59.5	65.8	72.9	81.1	86.6	98.5	101.7	57.3	69.4	100.1
		+18.6	+22.9	+29.2	+36.3	+44.5	+50.0	+61.9	+65.1	+20.7	+32.8	+63.5

표 4-52. 전라남도의 온난야 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	36.2	56.1	58.2	73.3	75.0	88.6	95.9	106.7	114.2	57.2	74.2	110.5
		+19.9	+22.0	+37.1	+38.8	+52.4	+59.7	+70.5	+78.0	+21.0	+38.0	+74.3
강진군	36.0	55.6	57.9	72.5	74.2	88.0	94.7	104.9	112.0	56.7	73.4	108.4
		+19.6	+21.9	+36.5	+38.2	+52.0	+58.7	+68.9	+76.0	+20.7	+37.4	+72.4
고흥군	35.7	56.8	58.5	74.8	76.2	89.7	97.9	109.5	117.2	57.7	75.5	113.4
		+21.1	+22.8	+39.1	+40.5	+54.0	+62.2	+73.8	+81.5	+22.0	+39.8	+77.7
곡성군	37.0	54.8	58.0	71.9	72.7	85.8	93.2	102.6	109.7	56.4	72.3	106.2
		+17.8	+21.0	+34.9	+35.7	+48.8	+56.2	+65.6	+72.7	+19.4	+35.3	+69.2
광양시	36.4	55.9	58.5	74.0	76.2	89.9	98.1	110.3	118.0	57.2	75.1	114.1
		+19.5	+22.1	+37.6	+39.8	+53.5	+61.7	+73.9	+81.6	+20.8	+38.7	+77.7
구례군	36.8	54.4	57.2	71.1	72.4	85.8	93.0	102.7	109.5	55.8	71.8	106.1
		+17.6	+20.4	+34.3	+35.6	+49.0	+56.2	+65.9	+72.7	+19.0	+35.0	+69.3
나주시	36.2	55.2	57.5	71.9	73.4	86.8	93.6	103.4	110.3	56.4	72.6	106.8
		+19.0	+21.3	+35.7	+37.2	+50.6	+57.4	+67.2	+74.1	+20.2	+36.4	+70.6
담양군	36.6	55.4	57.9	72.7	73.6	87.0	94.0	103.7	110.9	56.6	73.1	107.3
		+18.8	+21.3	+36.1	+37.0	+50.4	+57.4	+67.1	+74.3	+20.0	+36.5	+70.7
목포시	35.5	57.5	59.1	74.6	76.9	91.0	98.4	110.1	117.9	58.3	75.7	114.0
		+22.0	+23.6	+39.1	+41.4	+55.5	+62.9	+74.6	+82.4	+22.8	+40.2	+78.5
무안군	35.8	56.9	58.3	73.3	75.4	89.3	96.2	107.1	115.0	57.6	74.4	111.1
		+21.1	+22.5	+37.5	+39.6	+53.5	+60.4	+71.3	+79.2	+21.8	+38.6	+75.3
보성군	36.8	55.2	57.0	72.1	73.2	86.2	93.1	102.7	109.6	56.1	72.7	106.1
		+18.4	+20.2	+35.3	+36.4	+49.4	+56.3	+65.9	+72.8	+19.3	+35.9	+69.3
순천시	37.0	55.9	58.7	73.9	74.9	88.8	96.9	107.7	114.7	57.3	74.4	111.2
		+18.9	+21.7	+36.9	+37.9	+51.8	+59.9	+70.7	+77.7	+20.3	+37.4	+74.2
신안군	35.0	58.3	60.3	76.9	79.7	93.7	101.7	114.4	122.9	59.3	78.3	118.7
		+23.3	+25.3	+41.9	+44.7	+58.7	+66.7	+79.4	+87.9	+24.3	+43.3	+83.7
여수시	36.0	58.4	60.6	78.4	80.3	94.9	104.3	119.5	128.2	59.5	79.3	123.9
		+22.4	+24.6	+42.4	+44.3	+58.9	+68.3	+83.5	+92.2	+23.5	+43.3	+87.9
영광군	36.1	56.4	57.4	72.3	74.3	87.9	94.8	105.0	112.6	56.9	73.3	108.8
		+20.3	+21.3	+36.2	+38.2	+51.8	+58.7	+68.9	+76.5	+20.8	+37.2	+72.7
영암군	36.1	55.9	57.6	71.7	73.9	87.1	93.9	104.3	111.0	56.7	72.8	107.6
		+19.8	+21.5	+35.6	+37.8	+51.0	+57.8	+68.2	+74.9	+20.6	+36.7	+71.5
완도군	35.4	57.6	59.6	76.0	78.2	92.2	99.8	112.7	120.9	58.6	77.1	116.8
		+22.2	+24.2	+40.6	+42.8	+56.8	+64.4	+77.3	+85.5	+23.2	+41.7	+81.4
장성군	36.6	55.8	57.7	72.3	73.4	86.9	94.1	103.9	110.9	56.7	72.8	107.4
		+19.2	+21.1	+35.7	+36.8	+50.3	+57.5	+67.3	+74.3	+20.1	+36.2	+70.8
장흥군	36.5	55.5	57.4	72.2	73.9	87.2	93.8	103.8	110.9	56.5	73.1	107.3
		+19.0	+20.9	+35.7	+37.4	+50.7	+57.3	+67.3	+74.4	+20.0	+36.6	+70.8
진도군	35.9	56.9	58.5	73.3	76.1	88.9	96.0	106.9	115.0	57.7	74.7	110.9
		+21.0	+22.6	+37.4	+40.2	+53.0	+60.1	+71.0	+79.1	+21.8	+38.8	+75.0
함평군	36.3	55.8	57.3	72.0	73.5	87.1	94.1	104.1	111.6	56.5	72.7	107.8
		+19.5	+21.0	+35.7	+37.2	+50.8	+57.8	+67.8	+75.3	+20.2	+36.4	+71.5
해남군	35.9	56.1	58.1	72.5	74.8	88.3	95.3	105.8	113.2	57.1	73.6	109.5
		+20.2	+22.2	+36.6	+38.9	+52.4	+59.4	+69.9	+77.3	+21.2	+37.7	+73.6
화순군	36.6	54.6	57.3	72.1	73.4	86.0	93.3	103.0	110.2	56.0	72.7	106.6
		+18.0	+20.7	+35.5	+36.8	+49.4	+56.7	+66.4	+73.6	+19.4	+36.1	+70.0

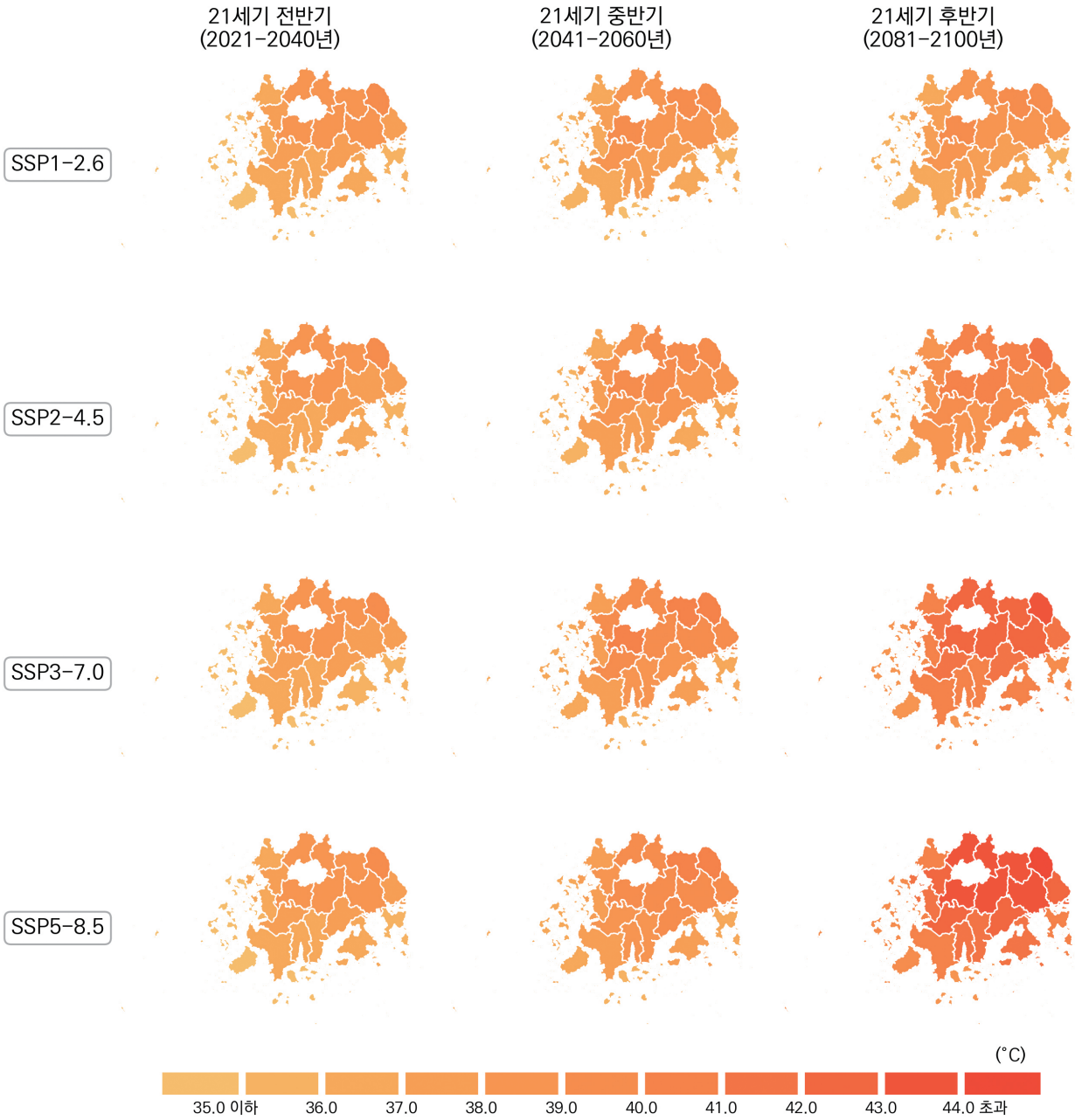


그림 4-23. 전라남도의 일최고기온 연최대(℃) 전망 분포도

표 4-53. 전라남도의 일최고기온 연최대 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	35.0	36.9	37.3	37.3	37.6	37.5	37.1	37.8	37.2	37.1	37.5	37.5
		+1.9	+2.3	+2.3	+2.6	+2.5	+2.1	+2.8	+2.2	+2.1	+2.5	+2.5
강진군	34.7	36.8	37.2	36.9	37.3	37.3	36.8	37.5	37.0	37.0	37.1	37.2
		+2.1	+2.5	+2.2	+2.6	+2.6	+2.1	+2.8	+2.3	+2.3	+2.4	+2.5
고흥군	34.5	36.2	36.4	36.4	36.7	36.7	36.4	36.8	36.4	36.3	36.6	36.6
		+1.7	+1.9	+1.9	+2.2	+2.2	+1.9	+2.3	+1.9	+1.8	+2.1	+2.1
곡성군	35.8	38.8	39.1	39.5	39.2	39.5	39.0	39.3	38.9	38.9	39.4	39.1
		+3.0	+3.3	+3.7	+3.4	+3.7	+3.2	+3.5	+3.1	+3.1	+3.6	+3.3
광양시	35.4	37.7	38.0	37.9	38.1	38.2	37.7	38.4	38.0	37.9	38.0	38.2
		+2.3	+2.6	+2.5	+2.7	+2.8	+2.3	+3.0	+2.6	+2.5	+2.6	+2.8
구례군	36.4	39.2	39.5	39.5	39.6	39.6	39.2	39.7	39.2	39.3	39.6	39.5
		+2.8	+3.1	+3.1	+3.2	+3.2	+2.8	+3.3	+2.8	+2.9	+3.2	+3.1
나주시	36.1	38.5	39.0	39.0	39.1	39.0	38.6	39.4	38.8	38.7	39.1	39.1
		+2.4	+2.9	+2.9	+3.0	+2.9	+2.5	+3.3	+2.7	+2.6	+3.0	+3.0
담양군	35.3	38.2	38.4	39.1	38.9	39.0	38.5	39.0	38.6	38.3	39.0	38.8
		+2.9	+3.1	+3.8	+3.6	+3.7	+3.2	+3.7	+3.3	+3.0	+3.7	+3.5
목포시	34.5	35.5	36.2	36.2	36.4	36.4	36.1	36.8	36.0	35.8	36.3	36.4
		+1.0	+1.7	+1.7	+1.9	+1.9	+1.6	+2.3	+1.5	+1.3	+1.8	+1.9
무안군	35.0	36.1	36.9	36.9	37.1	37.0	36.7	37.5	36.6	36.5	37.0	37.1
		+1.1	+1.9	+1.9	+2.1	+2.0	+1.7	+2.5	+1.6	+1.5	+2.0	+2.1
보성군	35.4	37.8	37.9	37.9	38.1	38.2	37.5	38.2	37.8	37.8	38.0	38.0
		+2.4	+2.5	+2.5	+2.7	+2.8	+2.1	+2.8	+2.4	+2.4	+2.6	+2.6
순천시	35.7	38.1	38.4	38.3	38.5	38.6	38.1	38.8	38.2	38.2	38.4	38.5
		+2.4	+2.7	+2.6	+2.8	+2.9	+2.4	+3.1	+2.5	+2.5	+2.7	+2.8
신안군	34.2	34.4	35.1	35.3	35.6	35.4	35.1	35.8	35.1	34.7	35.5	35.4
		+0.2	+0.9	+1.1	+1.4	+1.2	+0.9	+1.6	+0.9	+0.5	+1.3	+1.2
여수시	33.7	35.4	35.6	35.5	35.7	35.8	35.5	36.0	35.6	35.5	35.6	35.8
		+1.7	+1.9	+1.8	+2.0	+2.1	+1.8	+2.3	+1.9	+1.8	+1.9	+2.1
영광군	34.8	35.8	36.6	36.7	36.9	36.7	36.5	37.3	36.3	36.2	36.8	36.8
		+1.0	+1.8	+1.9	+2.1	+1.9	+1.7	+2.5	+1.5	+1.4	+2.0	+2.0
영암군	35.5	37.6	38.1	37.9	38.2	38.2	37.7	38.5	37.8	37.8	38.1	38.1
		+2.1	+2.6	+2.4	+2.7	+2.7	+2.2	+3.0	+2.3	+2.3	+2.6	+2.6
완도군	33.6	34.3	34.7	34.8	35.0	35.0	34.6	35.2	34.6	34.5	34.9	34.9
		+0.7	+1.1	+1.2	+1.4	+1.4	+1.0	+1.6	+1.0	+0.9	+1.3	+1.3
장성군	35.5	38.0	38.6	38.8	38.9	38.7	38.3	39.1	38.4	38.3	38.9	38.8
		+2.5	+3.1	+3.3	+3.4	+3.2	+2.8	+3.6	+2.9	+2.8	+3.4	+3.3
장흥군	34.9	37.0	37.1	36.9	37.3	37.4	36.8	37.4	37.0	37.0	37.1	37.2
		+2.1	+2.2	+2.0	+2.4	+2.5	+1.9	+2.5	+2.1	+2.1	+2.2	+2.3
진도군	33.9	34.6	35.2	35.1	35.5	35.3	35.1	35.6	35.0	34.9	35.3	35.3
		+0.7	+1.3	+1.2	+1.6	+1.4	+1.2	+1.7	+1.1	+1.0	+1.4	+1.4
함평군	35.5	37.2	37.9	37.9	38.1	37.9	37.7	38.5	37.6	37.5	38.0	38.0
		+1.7	+2.4	+2.4	+2.6	+2.4	+2.2	+3.0	+2.1	+2.0	+2.5	+2.5
해남군	34.5	36.1	36.6	36.4	36.8	36.8	36.3	37.0	36.4	36.4	36.6	36.7
		+1.6	+2.1	+1.9	+2.3	+2.3	+1.8	+2.5	+1.9	+1.9	+2.1	+2.2
화순군	35.5	38.5	38.9	38.9	38.9	38.9	38.5	39.0	38.6	38.7	38.9	38.8
		+3.0	+3.4	+3.4	+3.4	+3.4	+3.0	+3.5	+3.1	+3.2	+3.4	+3.3

표 4-54. 전라남도의 일최고기온 연최대 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	35.0	36.9	37.2	37.9	37.8	38.7	38.7	38.8	39.1	37.0	37.8	38.9
		+1.9	+2.2	+2.9	+2.8	+3.7	+3.7	+3.8	+4.1	+2.0	+2.8	+3.9
강진군	34.7	36.6	36.8	37.9	37.3	38.5	38.4	38.7	38.7	36.7	37.6	38.7
		+1.9	+2.1	+3.2	+2.6	+3.8	+3.7	+4.0	+4.0	+2.0	+2.9	+4.0
고흥군	34.5	36.0	36.2	37.1	36.8	38.1	37.9	38.3	38.2	36.1	36.9	38.2
		+1.5	+1.7	+2.6	+2.3	+3.6	+3.4	+3.8	+3.7	+1.6	+2.4	+3.7
곡성군	35.8	38.7	38.9	39.7	39.7	40.5	40.4	40.4	40.9	38.8	39.7	40.6
		+2.9	+3.1	+3.9	+3.9	+4.7	+4.6	+4.6	+5.1	+3.0	+3.9	+4.8
광양시	35.4	37.4	37.8	38.7	38.6	39.5	39.5	39.8	39.7	37.6	38.6	39.7
		+2.0	+2.4	+3.3	+3.2	+4.1	+4.1	+4.4	+4.3	+2.2	+3.2	+4.3
구례군	36.4	39.0	39.5	40.0	40.0	40.9	40.8	41.1	41.4	39.2	40.0	41.2
		+2.6	+3.1	+3.6	+3.6	+4.5	+4.4	+4.7	+5.0	+2.8	+3.6	+4.8
나주시	36.1	38.5	38.9	39.7	39.3	40.3	40.4	40.2	40.6	38.7	39.5	40.4
		+2.4	+2.8	+3.6	+3.2	+4.2	+4.3	+4.1	+4.5	+2.6	+3.4	+4.3
담양군	35.3	38.2	38.3	39.2	39.0	39.8	40.0	39.8	40.5	38.2	39.1	40.2
		+2.9	+3.0	+3.9	+3.7	+4.5	+4.7	+4.5	+5.2	+2.9	+3.8	+4.9
목포시	34.5	35.6	36.3	36.7	36.6	37.5	37.4	37.5	37.9	36.0	36.6	37.7
		+1.1	+1.8	+2.2	+2.1	+3.0	+2.9	+3.0	+3.4	+1.5	+2.1	+3.2
무안군	35.0	36.3	37.0	37.3	37.3	38.2	38.2	38.2	38.6	36.6	37.3	38.4
		+1.3	+2.0	+2.3	+2.3	+3.2	+3.2	+3.2	+3.6	+1.6	+2.3	+3.4
보성군	35.4	37.6	37.7	38.6	38.1	39.5	39.2	39.5	39.8	37.7	38.3	39.7
		+2.2	+2.3	+3.2	+2.7	+4.1	+3.8	+4.1	+4.4	+2.3	+2.9	+4.3
순천시	35.7	37.9	38.1	39.1	38.8	39.8	39.7	40.0	40.0	38.0	38.9	40.0
		+2.2	+2.4	+3.4	+3.1	+4.1	+4.0	+4.3	+4.3	+2.3	+3.2	+4.3
신안군	34.2	34.6	35.2	35.6	35.8	36.6	36.5	36.5	37.0	34.9	35.7	36.7
		+0.4	+1.0	+1.4	+1.6	+2.4	+2.3	+2.3	+2.8	+0.7	+1.5	+2.5
여수시	33.7	35.2	35.5	36.1	36.1	37.0	37.0	37.4	37.4	35.3	36.1	37.4
		+1.5	+1.8	+2.4	+2.4	+3.3	+3.3	+3.7	+3.7	+1.6	+2.4	+3.7
영광군	34.8	36.1	36.5	36.9	37.1	37.9	38.0	37.8	38.4	36.3	37.0	38.1
		+1.3	+1.7	+2.1	+2.3	+3.1	+3.2	+3.0	+3.6	+1.5	+2.2	+3.3
영암군	35.5	37.5	38.0	38.8	38.4	39.4	39.4	39.3	39.7	37.7	38.6	39.5
		+2.0	+2.5	+3.3	+2.9	+3.9	+3.9	+3.8	+4.2	+2.2	+3.1	+4.0
완도군	33.6	34.2	34.6	35.2	35.2	36.1	35.9	36.3	36.4	34.4	35.2	36.4
		+0.6	+1.0	+1.6	+1.6	+2.5	+2.3	+2.7	+2.8	+0.8	+1.6	+2.8
장성군	35.5	38.2	38.4	39.1	39.0	39.8	40.1	39.8	40.3	38.3	39.0	40.1
		+2.7	+2.9	+3.6	+3.5	+4.3	+4.6	+4.3	+4.8	+2.8	+3.5	+4.6
장흥군	34.9	36.8	36.9	37.8	37.3	38.5	38.3	38.7	38.9	36.8	37.5	38.8
		+1.9	+2.0	+2.9	+2.4	+3.6	+3.4	+3.8	+4.0	+1.9	+2.6	+3.9
진도군	33.9	34.6	35.2	35.7	35.8	36.5	36.2	36.4	36.8	34.9	35.7	36.6
		+0.7	+1.3	+1.8	+1.9	+2.6	+2.3	+2.5	+2.9	+1.0	+1.8	+2.7
함평군	35.5	37.4	37.9	38.4	38.3	39.1	39.2	39.1	39.6	37.6	38.3	39.4
		+1.9	+2.4	+2.9	+2.8	+3.6	+3.7	+3.6	+4.1	+2.1	+2.8	+3.9
해남군	34.5	36.0	36.4	37.3	36.9	37.9	37.8	38.0	38.2	36.2	37.1	38.1
		+1.5	+1.9	+2.8	+2.4	+3.4	+3.3	+3.5	+3.7	+1.7	+2.6	+3.6
화순군	35.5	38.5	38.6	39.5	39.2	40.3	40.0	40.0	40.6	38.5	39.3	40.3
		+3.0	+3.1	+4.0	+3.7	+4.8	+4.5	+4.5	+5.1	+3.0	+3.8	+4.8

표 4-55. 전라남도의 일최고기온 연최대 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	35.0	36.5	37.5	38.1	38.6	39.1	39.7	40.9	41.3	37.0	38.4	41.1
		+1.5	+2.5	+3.1	+3.6	+4.1	+4.7	+5.9	+6.3	+2.0	+3.4	+6.1
강진군	34.7	36.1	37.1	37.9	38.3	38.7	39.5	40.7	41.1	36.6	38.1	40.9
		+1.4	+2.4	+3.2	+3.6	+4.0	+4.8	+6.0	+6.4	+1.9	+3.4	+6.2
고흥군	34.5	35.5	36.5	37.3	37.8	38.2	38.8	40.1	40.6	36.0	37.5	40.3
		+1.0	+2.0	+2.8	+3.3	+3.7	+4.3	+5.6	+6.1	+1.5	+3.0	+5.8
곡성군	35.8	38.2	39.2	39.8	40.4	41.0	41.7	42.9	42.9	38.7	40.1	42.9
		+2.4	+3.4	+4.0	+4.6	+5.2	+5.9	+7.1	+7.1	+2.9	+4.3	+7.1
광양시	35.4	37.0	38.0	38.9	39.2	39.8	40.8	41.7	42.1	37.5	39.1	41.9
		+1.6	+2.6	+3.5	+3.8	+4.4	+5.4	+6.3	+6.7	+2.1	+3.7	+6.5
구례군	36.4	38.5	39.6	40.1	40.9	41.1	42.2	43.1	43.4	39.1	40.5	43.3
		+2.1	+3.2	+3.7	+4.5	+4.7	+5.8	+6.7	+7.0	+2.7	+4.1	+6.9
나주시	36.1	38.1	39.0	40.0	40.3	40.7	41.2	42.6	43.0	38.6	40.1	42.8
		+2.0	+2.9	+3.9	+4.2	+4.6	+5.1	+6.5	+6.9	+2.5	+4.0	+6.7
담양군	35.3	37.9	38.7	39.4	39.8	40.4	41.1	42.4	42.7	38.3	39.6	42.5
		+2.6	+3.4	+4.1	+4.5	+5.1	+5.8	+7.1	+7.4	+3.0	+4.3	+7.2
목포시	34.5	35.3	36.5	37.0	37.5	38.0	38.5	39.5	40.1	35.9	37.3	39.8
		+0.8	+2.0	+2.5	+3.0	+3.5	+4.0	+5.0	+5.6	+1.4	+2.8	+5.3
무안군	35.0	36.0	37.1	37.8	38.1	38.6	39.2	40.2	40.7	36.5	38.0	40.5
		+1.0	+2.1	+2.8	+3.1	+3.6	+4.2	+5.2	+5.7	+1.5	+3.0	+5.5
보성군	35.4	37.0	37.9	38.7	39.3	39.5	40.4	41.8	42.0	37.5	39.0	41.9
		+1.6	+2.5	+3.3	+3.9	+4.1	+5.0	+6.4	+6.6	+2.1	+3.6	+6.5
순천시	35.7	37.3	38.5	39.1	39.7	39.9	41.1	42.3	42.4	37.9	39.4	42.4
		+1.6	+2.8	+3.4	+4.0	+4.2	+5.4	+6.6	+6.7	+2.2	+3.7	+6.7
신안군	34.2	34.4	35.6	35.9	36.4	36.9	37.6	38.6	38.8	35.0	36.2	38.7
		+0.2	+1.4	+1.7	+2.2	+2.7	+3.4	+4.4	+4.6	+0.8	+2.0	+4.5
여수시	33.7	34.7	35.6	36.5	36.8	37.3	38.0	39.1	39.7	35.1	36.6	39.4
		+1.0	+1.9	+2.8	+3.1	+3.6	+4.3	+5.4	+6.0	+1.4	+2.9	+5.7
영광군	34.8	35.7	37.0	37.5	38.1	38.5	38.9	40.0	40.3	36.3	37.8	40.2
		+0.9	+2.2	+2.7	+3.3	+3.7	+4.1	+5.2	+5.5	+1.5	+3.0	+5.4
영암군	35.5	37.2	38.2	39.0	39.3	39.8	40.3	41.6	42.1	37.7	39.2	41.9
		+1.7	+2.7	+3.5	+3.8	+4.3	+4.8	+6.1	+6.6	+2.2	+3.7	+6.4
완도군	33.6	33.8	34.8	35.3	36.0	36.4	37.0	38.0	38.6	34.3	35.6	38.3
		+0.2	+1.2	+1.7	+2.4	+2.8	+3.4	+4.4	+5.0	+0.7	+2.0	+4.7
장성군	35.5	37.9	38.7	39.7	39.9	40.5	40.8	42.3	42.6	38.3	39.8	42.5
		+2.4	+3.2	+4.2	+4.4	+5.0	+5.3	+6.8	+7.1	+2.8	+4.3	+7.0
장흥군	34.9	36.2	37.1	37.8	38.4	38.9	39.6	40.8	41.1	36.6	38.1	41.0
		+1.3	+2.2	+2.9	+3.5	+4.0	+4.7	+5.9	+6.2	+1.7	+3.2	+6.1
진도군	33.9	34.3	35.4	35.9	36.3	36.8	37.4	38.4	38.8	34.9	36.1	38.6
		+0.4	+1.5	+2.0	+2.4	+2.9	+3.5	+4.5	+4.9	+1.0	+2.2	+4.7
함평군	35.5	37.0	38.0	38.9	39.2	39.6	40.0	41.3	41.8	37.5	39.1	41.6
		+1.5	+2.5	+3.4	+3.7	+4.1	+4.5	+5.8	+6.3	+2.0	+3.6	+6.1
해남군	34.5	35.7	36.7	37.4	37.8	38.2	38.8	40.0	40.5	36.2	37.6	40.2
		+1.2	+2.2	+2.9	+3.3	+3.7	+4.3	+5.5	+6.0	+1.7	+3.1	+5.7
화순군	35.5	37.9	39.0	39.6	40.2	40.6	41.2	42.5	42.7	38.4	39.9	42.6
		+2.4	+3.5	+4.1	+4.7	+5.1	+5.7	+7.0	+7.2	+2.9	+4.4	+7.1

표 4-56. 전라남도의 일최고기온 연최대 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	35.0	37.1	37.0	38.3	38.5	40.1	40.8	41.4	42.5	37.0	38.4	41.9
		+2.1	+2.0	+3.3	+3.5	+5.1	+5.8	+6.4	+7.5	+2.0	+3.4	+6.9
강진군	34.7	36.9	36.8	38.0	38.3	39.8	40.6	41.1	42.4	36.8	38.2	41.8
		+2.2	+2.1	+3.3	+3.6	+5.1	+5.9	+6.4	+7.7	+2.1	+3.5	+7.1
고흥군	34.5	36.2	36.1	37.6	37.7	39.3	39.9	40.6	41.6	36.1	37.6	41.1
		+1.7	+1.6	+3.1	+3.2	+4.8	+5.4	+6.1	+7.1	+1.6	+3.1	+6.6
곡성군	35.8	39.1	38.7	40.1	40.4	42.2	42.7	43.6	44.5	38.9	40.3	44.0
		+3.3	+2.9	+4.3	+4.6	+6.4	+6.9	+7.8	+8.7	+3.1	+4.5	+8.2
광양시	35.4	37.8	37.6	39.1	39.1	41.0	41.8	42.4	43.5	37.7	39.1	42.9
		+2.4	+2.2	+3.7	+3.7	+5.6	+6.4	+7.0	+8.1	+2.3	+3.7	+7.5
구례군	36.4	39.4	39.3	40.4	40.7	42.6	43.2	44.2	45.1	39.4	40.6	44.6
		+3.0	+2.9	+4.0	+4.3	+6.2	+6.8	+7.8	+8.7	+3.0	+4.2	+8.2
나주시	36.1	38.9	38.7	39.8	40.1	41.7	42.4	43.3	44.2	38.8	39.9	43.8
		+2.8	+2.6	+3.7	+4.0	+5.6	+6.3	+7.2	+8.1	+2.7	+3.8	+7.7
담양군	35.3	38.6	38.1	39.5	39.7	41.5	42.2	42.7	44.1	38.4	39.6	43.4
		+3.3	+2.8	+4.2	+4.4	+6.2	+6.9	+7.4	+8.8	+3.1	+4.3	+8.1
목포시	34.5	35.9	35.9	37.0	37.4	38.7	39.6	39.9	40.9	35.9	37.2	40.4
		+1.4	+1.4	+2.5	+2.9	+4.2	+5.1	+5.4	+6.4	+1.4	+2.7	+5.9
무안군	35.0	36.6	36.5	37.8	38.0	39.5	40.2	40.6	41.6	36.5	37.9	41.1
		+1.6	+1.5	+2.8	+3.0	+4.5	+5.2	+5.6	+6.6	+1.5	+2.9	+6.1
보성군	35.4	37.8	37.6	39.0	39.3	40.8	41.5	42.2	43.5	37.7	39.2	42.9
		+2.4	+2.2	+3.6	+3.9	+5.4	+6.1	+6.8	+8.1	+2.3	+3.8	+7.5
순천시	35.7	38.2	38.0	39.2	39.5	41.6	41.9	42.9	43.9	38.1	39.4	43.4
		+2.5	+2.3	+3.5	+3.8	+5.9	+6.2	+7.2	+8.2	+2.4	+3.7	+7.7
신안군	34.2	34.7	34.8	36.1	36.6	37.8	38.5	38.8	39.7	34.7	36.4	39.2
		+0.5	+0.6	+1.9	+2.4	+3.6	+4.3	+4.6	+5.5	+0.5	+2.2	+5.0
여수시	33.7	35.3	35.2	36.6	36.8	38.3	39.0	39.6	40.6	35.2	36.7	40.1
		+1.6	+1.5	+2.9	+3.1	+4.6	+5.3	+5.9	+6.9	+1.5	+3.0	+6.4
영광군	34.8	36.3	36.2	37.6	37.7	39.2	39.9	40.5	41.4	36.2	37.7	40.9
		+1.5	+1.4	+2.8	+2.9	+4.4	+5.1	+5.7	+6.6	+1.4	+2.9	+6.1
영암군	35.5	37.9	37.6	38.8	39.1	40.7	41.4	42.0	43.2	37.7	38.9	42.6
		+2.4	+2.1	+3.3	+3.6	+5.2	+5.9	+6.5	+7.7	+2.2	+3.4	+7.1
완도군	33.6	34.2	34.3	35.7	35.9	37.4	37.9	38.3	39.4	34.2	35.8	38.8
		+0.6	+0.7	+2.1	+2.3	+3.8	+4.3	+4.7	+5.8	+0.6	+2.2	+5.2
장성군	35.5	38.5	38.3	39.6	39.6	41.3	42.2	42.7	44.0	38.4	39.6	43.4
		+3.0	+2.8	+4.1	+4.1	+5.8	+6.7	+7.2	+8.5	+2.9	+4.1	+7.9
장흥군	34.9	36.9	36.7	38.2	38.4	39.9	40.6	41.2	42.6	36.8	38.3	41.9
		+2.0	+1.8	+3.3	+3.5	+5.0	+5.7	+6.3	+7.7	+1.9	+3.4	+7.0
진도군	33.9	34.8	34.9	36.0	36.5	37.7	38.4	38.7	39.7	34.8	36.3	39.2
		+0.9	+1.0	+2.1	+2.6	+3.8	+4.5	+4.8	+5.8	+0.9	+2.4	+5.3
함평군	35.5	37.7	37.5	38.8	39.0	40.5	41.3	41.8	42.9	37.6	38.9	42.4
		+2.2	+2.0	+3.3	+3.5	+5.0	+5.8	+6.3	+7.4	+2.1	+3.4	+6.9
해남군	34.5	36.3	36.2	37.5	37.8	39.2	40.0	40.4	41.6	36.3	37.6	41.0
		+1.8	+1.7	+3.0	+3.3	+4.7	+5.5	+5.9	+7.1	+1.8	+3.1	+6.5
화순군	35.5	38.8	38.7	39.7	39.9	41.8	42.3	43.1	44.2	38.7	39.8	43.7
		+3.3	+3.2	+4.2	+4.4	+6.3	+6.8	+7.6	+8.7	+3.2	+4.3	+8.2

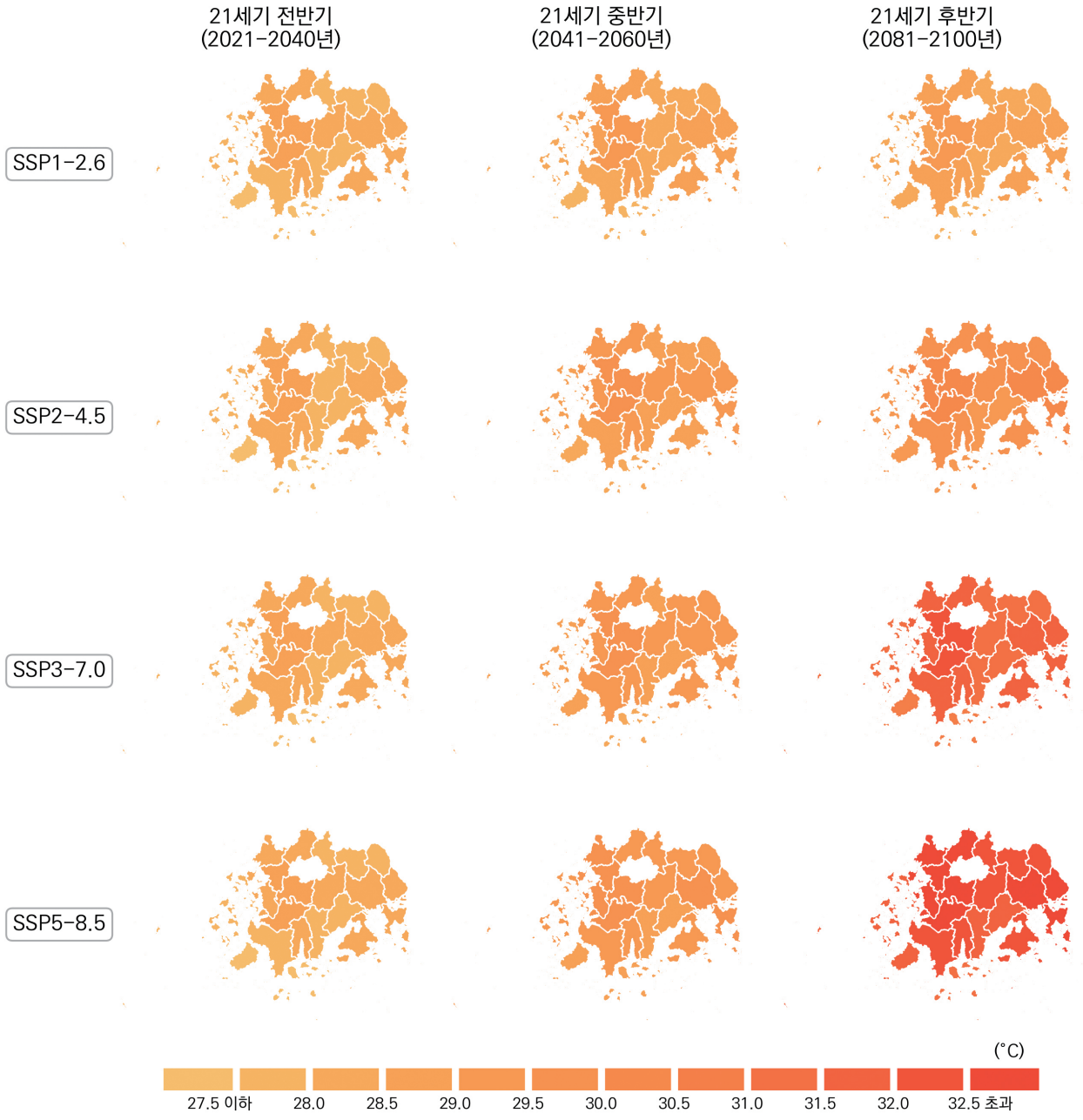


그림 4-24. 전라남도의 일최저기온 연최대(℃) 전망 분포도

표 4-57. 전라남도의 일최저기온 연최대 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	26.0	27.8	28.3	28.6	28.6	28.7	28.5	29.0	28.4	28.1	28.6	28.7
		+1.8	+2.3	+2.6	+2.6	+2.7	+2.5	+3.0	+2.4	+2.1	+2.6	+2.7
강진군	25.8	27.9	28.4	28.6	28.6	28.8	28.5	29.0	28.4	28.1	28.6	28.7
		+2.1	+2.6	+2.8	+2.8	+3.0	+2.7	+3.2	+2.6	+2.3	+2.8	+2.9
고흥군	26.0	27.9	28.3	28.6	28.6	28.8	28.5	29.0	28.3	28.1	28.6	28.6
		+1.9	+2.3	+2.6	+2.6	+2.8	+2.5	+3.0	+2.3	+2.1	+2.6	+2.6
곡성군	25.3	27.6	28.2	28.4	28.4	28.5	28.4	28.8	28.3	27.9	28.4	28.5
		+2.3	+2.9	+3.1	+3.1	+3.2	+3.1	+3.5	+3.0	+2.6	+3.1	+3.2
광양시	25.9	28.0	28.4	28.7	28.8	28.9	28.5	29.1	28.4	28.2	28.7	28.8
		+2.1	+2.5	+2.8	+2.9	+3.0	+2.6	+3.2	+2.5	+2.3	+2.8	+2.9
구례군	25.4	27.7	28.2	28.4	28.5	28.5	28.5	28.8	28.3	27.9	28.4	28.5
		+2.3	+2.8	+3.0	+3.1	+3.1	+3.1	+3.4	+2.9	+2.5	+3.0	+3.1
나주시	26.1	28.5	29.0	29.2	29.2	29.3	29.1	29.5	29.2	28.7	29.2	29.3
		+2.4	+2.9	+3.1	+3.1	+3.2	+3.0	+3.4	+3.1	+2.6	+3.1	+3.2
담양군	25.4	27.6	28.1	28.3	28.4	28.3	28.3	28.6	28.2	27.8	28.3	28.4
		+2.2	+2.7	+2.9	+3.0	+2.9	+2.9	+3.2	+2.8	+2.4	+2.9	+3.0
목포시	26.5	28.2	28.7	29.0	28.9	29.1	28.8	29.4	28.8	28.4	29.0	29.1
		+1.7	+2.2	+2.5	+2.4	+2.6	+2.3	+2.9	+2.3	+1.9	+2.5	+2.6
무안군	26.3	28.1	28.6	28.9	28.8	29.0	28.7	29.3	28.7	28.3	28.9	29.0
		+1.8	+2.3	+2.6	+2.5	+2.7	+2.4	+3.0	+2.4	+2.0	+2.6	+2.7
보성군	25.4	27.4	28.0	28.1	28.2	28.3	28.2	28.5	28.1	27.7	28.2	28.3
		+2.0	+2.6	+2.7	+2.8	+2.9	+2.8	+3.1	+2.7	+2.3	+2.8	+2.9
순천시	25.9	28.0	28.5	28.7	28.7	28.9	28.7	29.1	28.6	28.3	28.7	28.9
		+2.1	+2.6	+2.8	+2.8	+3.0	+2.8	+3.2	+2.7	+2.4	+2.8	+3.0
신안군	26.3	27.3	27.8	28.2	28.1	28.2	27.9	28.6	27.9	27.6	28.2	28.3
		+1.0	+1.5	+1.9	+1.8	+1.9	+1.6	+2.3	+1.6	+1.3	+1.9	+2.0
여수시	26.3	28.2	28.6	28.9	28.9	29.1	28.7	29.2	28.6	28.4	28.9	28.9
		+1.9	+2.3	+2.6	+2.6	+2.8	+2.4	+2.9	+2.3	+2.1	+2.6	+2.6
영광군	26.4	27.9	28.4	28.7	28.7	28.7	28.6	29.1	28.5	28.1	28.7	28.8
		+1.5	+2.0	+2.3	+2.3	+2.3	+2.2	+2.7	+2.1	+1.7	+2.3	+2.4
영암군	26.4	28.5	29.0	29.2	29.2	29.3	29.1	29.6	29.1	28.7	29.2	29.3
		+2.1	+2.6	+2.8	+2.8	+2.9	+2.7	+3.2	+2.7	+2.3	+2.8	+2.9
완도군	26.1	27.1	27.5	27.8	27.8	27.9	27.6	28.3	27.5	27.3	27.8	27.9
		+1.0	+1.4	+1.7	+1.7	+1.8	+1.5	+2.2	+1.4	+1.2	+1.7	+1.8
장성군	25.8	27.9	28.4	28.7	28.7	28.7	28.6	29.0	28.6	28.1	28.7	28.8
		+2.1	+2.6	+2.9	+2.9	+2.9	+2.8	+3.2	+2.8	+2.3	+2.9	+3.0
장흥군	25.6	27.4	27.9	28.1	28.2	28.3	28.0	28.5	28.0	27.6	28.1	28.2
		+1.8	+2.3	+2.5	+2.6	+2.7	+2.4	+2.9	+2.4	+2.0	+2.5	+2.6
진도군	26.3	27.2	27.7	28.0	27.9	28.0	27.8	28.4	27.8	27.5	28.0	28.1
		+0.9	+1.4	+1.7	+1.6	+1.7	+1.5	+2.1	+1.5	+1.2	+1.7	+1.8
함평군	26.2	28.3	28.9	29.2	29.1	29.2	29.0	29.5	29.1	28.6	29.1	29.3
		+2.1	+2.7	+3.0	+2.9	+3.0	+2.8	+3.3	+2.9	+2.4	+2.9	+3.1
해남군	26.2	27.8	28.3	28.6	28.5	28.7	28.4	28.9	28.3	28.0	28.5	28.6
		+1.6	+2.1	+2.4	+2.3	+2.5	+2.2	+2.7	+2.1	+1.8	+2.3	+2.4
화순군	25.4	27.8	28.3	28.5	28.5	28.6	28.5	28.8	28.4	28.1	28.5	28.6
		+2.4	+2.9	+3.1	+3.1	+3.2	+3.1	+3.4	+3.0	+2.7	+3.1	+3.2

표 4-58. 전라남도의 일최저기온 연최대 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	26.0	27.9	28.3	28.8	29.3	29.5	29.7	29.6	30.2	28.1	29.1	29.9
		+1.9	+2.3	+2.8	+3.3	+3.5	+3.7	+3.6	+4.2	+2.1	+3.1	+3.9
강진군	25.8	27.9	28.3	28.8	29.4	29.5	29.8	29.7	30.3	28.1	29.1	30.0
		+2.1	+2.5	+3.0	+3.6	+3.7	+4.0	+3.9	+4.5	+2.3	+3.3	+4.2
고흥군	26.0	27.9	28.3	28.8	29.2	29.5	29.8	29.7	30.2	28.1	29.0	29.9
		+1.9	+2.3	+2.8	+3.2	+3.5	+3.8	+3.7	+4.2	+2.1	+3.0	+3.9
곡성군	25.3	27.8	28.1	28.7	29.2	29.2	29.5	29.4	30.0	27.9	28.9	29.7
		+2.5	+2.8	+3.4	+3.9	+3.9	+4.2	+4.1	+4.7	+2.6	+3.6	+4.4
광양시	25.9	28.0	28.4	29.0	29.3	29.6	29.9	29.8	30.3	28.2	29.1	30.1
		+2.1	+2.5	+3.1	+3.4	+3.7	+4.0	+3.9	+4.4	+2.3	+3.2	+4.2
구례군	25.4	27.8	28.1	28.7	29.2	29.3	29.6	29.5	30.1	28.0	28.9	29.8
		+2.4	+2.7	+3.3	+3.8	+3.9	+4.2	+4.1	+4.7	+2.6	+3.5	+4.4
나주시	26.1	28.5	28.9	29.5	30.0	30.1	30.5	30.2	30.8	28.7	29.8	30.5
		+2.4	+2.8	+3.4	+3.9	+4.0	+4.4	+4.1	+4.7	+2.6	+3.7	+4.4
담양군	25.4	27.7	28.0	28.6	29.1	29.2	29.5	29.4	30.0	27.9	28.8	29.7
		+2.3	+2.6	+3.2	+3.7	+3.8	+4.1	+4.0	+4.6	+2.5	+3.4	+4.3
목포시	26.5	28.3	28.6	29.2	29.8	29.9	30.1	30.0	30.6	28.4	29.5	30.3
		+1.8	+2.1	+2.7	+3.3	+3.4	+3.6	+3.5	+4.1	+1.9	+3.0	+3.8
무안군	26.3	28.2	28.6	29.1	29.7	29.8	30.0	29.9	30.5	28.4	29.4	30.2
		+1.9	+2.3	+2.8	+3.4	+3.5	+3.7	+3.6	+4.2	+2.1	+3.1	+3.9
보성군	25.4	27.5	27.9	28.4	28.9	29.0	29.4	29.2	29.8	27.7	28.6	29.5
		+2.1	+2.5	+3.0	+3.5	+3.6	+4.0	+3.8	+4.4	+2.3	+3.2	+4.1
순천시	25.9	28.1	28.4	29.1	29.4	29.6	30.0	29.8	30.4	28.2	29.3	30.1
		+2.2	+2.5	+3.2	+3.5	+3.7	+4.1	+3.9	+4.5	+2.3	+3.4	+4.2
신안군	26.3	27.4	27.9	28.3	28.8	29.1	29.1	29.2	29.8	27.6	28.6	29.5
		+1.1	+1.6	+2.0	+2.5	+2.8	+2.8	+2.9	+3.5	+1.3	+2.3	+3.2
여수시	26.3	28.1	28.5	29.1	29.4	29.8	29.9	30.0	30.5	28.3	29.3	30.2
		+1.8	+2.2	+2.8	+3.1	+3.5	+3.6	+3.7	+4.2	+2.0	+3.0	+3.9
영광군	26.4	28.0	28.4	28.9	29.4	29.6	29.8	29.7	30.3	28.2	29.1	30.0
		+1.6	+2.0	+2.5	+3.0	+3.2	+3.4	+3.3	+3.9	+1.8	+2.7	+3.6
영암군	26.4	28.6	28.9	29.4	30.0	30.1	30.5	30.2	30.8	28.7	29.7	30.5
		+2.2	+2.5	+3.0	+3.6	+3.7	+4.1	+3.8	+4.4	+2.3	+3.3	+4.1
완도군	26.1	27.1	27.5	28.0	28.4	28.8	28.8	28.9	29.4	27.3	28.2	29.1
		+1.0	+1.4	+1.9	+2.3	+2.7	+2.7	+2.8	+3.3	+1.2	+2.1	+3.0
장성군	25.8	28.0	28.4	28.9	29.5	29.5	29.9	29.7	30.3	28.2	29.2	30.0
		+2.2	+2.6	+3.1	+3.7	+3.7	+4.1	+3.9	+4.5	+2.4	+3.4	+4.2
장흥군	25.6	27.5	27.8	28.4	28.8	29.1	29.3	29.2	29.7	27.6	28.6	29.5
		+1.9	+2.2	+2.8	+3.2	+3.5	+3.7	+3.6	+4.1	+2.0	+3.0	+3.9
진도군	26.3	27.3	27.8	28.2	28.7	28.9	29.0	29.0	29.6	27.5	28.5	29.3
		+1.0	+1.5	+1.9	+2.4	+2.6	+2.7	+2.7	+3.3	+1.2	+2.2	+3.0
함평군	26.2	28.5	28.9	29.4	30.0	30.0	30.4	30.2	30.7	28.7	29.7	30.4
		+2.3	+2.7	+3.2	+3.8	+3.8	+4.2	+4.0	+4.5	+2.5	+3.5	+4.2
해남군	26.2	27.9	28.3	28.8	29.3	29.5	29.7	29.5	30.2	28.1	29.0	29.8
		+1.7	+2.1	+2.6	+3.1	+3.3	+3.5	+3.3	+4.0	+1.9	+2.8	+3.6
화순군	25.4	27.9	28.2	28.8	29.3	29.4	29.7	29.5	30.1	28.0	29.1	29.8
		+2.5	+2.8	+3.4	+3.9	+4.0	+4.3	+4.1	+4.7	+2.6	+3.7	+4.4

표 4-59. 전라남도의 일최저기온 연최대 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	26.0	27.9	28.4	29.0	29.4	30.2	30.8	31.4	31.8	28.2	29.2	31.6
		+1.9	+2.4	+3.0	+3.4	+4.2	+4.8	+5.4	+5.8	+2.2	+3.2	+5.6
강진군	25.8	27.9	28.5	29.0	29.4	30.3	30.7	31.5	31.8	28.2	29.2	31.6
		+2.1	+2.7	+3.2	+3.6	+4.5	+4.9	+5.7	+6.0	+2.4	+3.4	+5.8
고흥군	26.0	27.8	28.5	28.9	29.4	30.2	30.7	31.5	31.8	28.2	29.2	31.6
		+1.8	+2.5	+2.9	+3.4	+4.2	+4.7	+5.5	+5.8	+2.2	+3.2	+5.6
곡성군	25.3	27.8	28.2	28.9	29.2	30.1	30.6	31.1	31.4	28.0	29.1	31.2
		+2.5	+2.9	+3.6	+3.9	+4.8	+5.3	+5.8	+6.1	+2.7	+3.8	+5.9
광양시	25.9	28.0	28.6	29.1	29.5	30.3	31.0	31.5	32.0	28.3	29.3	31.7
		+2.1	+2.7	+3.2	+3.6	+4.4	+5.1	+5.6	+6.1	+2.4	+3.4	+5.8
구례군	25.4	27.8	28.2	28.9	29.2	30.1	30.6	31.1	31.4	28.0	29.1	31.3
		+2.4	+2.8	+3.5	+3.8	+4.7	+5.2	+5.7	+6.0	+2.6	+3.7	+5.9
나주시	26.1	28.6	28.9	29.6	30.1	30.9	31.4	32.0	32.3	28.8	29.8	32.2
		+2.5	+2.8	+3.5	+4.0	+4.8	+5.3	+5.9	+6.2	+2.7	+3.7	+6.1
담양군	25.4	27.7	28.0	28.9	29.2	30.0	30.5	31.1	31.5	27.9	29.0	31.3
		+2.3	+2.6	+3.5	+3.8	+4.6	+5.1	+5.7	+6.1	+2.5	+3.6	+5.9
목포시	26.5	28.3	28.8	29.3	29.8	30.6	31.2	31.9	32.3	28.6	29.5	32.1
		+1.8	+2.3	+2.8	+3.3	+4.1	+4.7	+5.4	+5.8	+2.1	+3.0	+5.6
무안군	26.3	28.2	28.7	29.2	29.7	30.5	31.2	31.8	32.2	28.5	29.5	32.0
		+1.9	+2.4	+2.9	+3.4	+4.2	+4.9	+5.5	+5.9	+2.2	+3.2	+5.7
보성군	25.4	27.5	28.1	28.6	29.0	29.9	30.4	31.0	31.2	27.8	28.8	31.1
		+2.1	+2.7	+3.2	+3.6	+4.5	+5.0	+5.6	+5.8	+2.4	+3.4	+5.7
순천시	25.9	28.0	28.6	29.2	29.5	30.4	30.9	31.5	31.8	28.3	29.3	31.7
		+2.1	+2.7	+3.3	+3.6	+4.5	+5.0	+5.6	+5.9	+2.4	+3.4	+5.8
신안군	26.3	27.3	28.1	28.5	29.0	29.8	30.4	31.2	31.5	27.7	28.7	31.3
		+1.0	+1.8	+2.2	+2.7	+3.5	+4.1	+4.9	+5.2	+1.4	+2.4	+5.0
여수시	26.3	28.0	28.8	29.2	29.7	30.4	31.0	31.7	32.2	28.4	29.5	32.0
		+1.7	+2.5	+2.9	+3.4	+4.1	+4.7	+5.4	+5.9	+2.1	+3.2	+5.7
영광군	26.4	28.0	28.4	29.1	29.5	30.3	31.0	31.6	32.0	28.2	29.3	31.8
		+1.6	+2.0	+2.7	+3.1	+3.9	+4.6	+5.2	+5.6	+1.8	+2.9	+5.4
영암군	26.4	28.6	29.0	29.5	30.1	30.9	31.4	32.1	32.3	28.8	29.8	32.2
		+2.2	+2.6	+3.1	+3.7	+4.5	+5.0	+5.7	+5.9	+2.4	+3.4	+5.8
완도군	26.1	27.0	27.8	28.1	28.6	29.4	29.9	30.7	31.2	27.4	28.4	30.9
		+0.9	+1.7	+2.0	+2.5	+3.3	+3.8	+4.6	+5.1	+1.3	+2.3	+4.8
장성군	25.8	28.1	28.4	29.1	29.5	30.3	30.9	31.5	31.9	28.2	29.3	31.7
		+2.3	+2.6	+3.3	+3.7	+4.5	+5.1	+5.7	+6.1	+2.4	+3.5	+5.9
장흥군	25.6	27.5	28.0	28.5	29.0	29.8	30.2	31.0	31.3	27.7	28.8	31.1
		+1.9	+2.4	+2.9	+3.4	+4.2	+4.6	+5.4	+5.7	+2.1	+3.2	+5.5
진도군	26.3	27.3	27.9	28.4	28.8	29.7	30.1	30.9	31.2	27.6	28.6	31.0
		+1.0	+1.6	+2.1	+2.5	+3.4	+3.8	+4.6	+4.9	+1.3	+2.3	+4.7
함평군	26.2	28.6	28.8	29.5	30.0	30.8	31.4	31.9	32.4	28.7	29.7	32.1
		+2.4	+2.6	+3.3	+3.8	+4.6	+5.2	+5.7	+6.2	+2.5	+3.5	+5.9
해남군	26.2	27.8	28.4	28.9	29.3	30.3	30.7	31.4	31.8	28.1	29.1	31.6
		+1.6	+2.2	+2.7	+3.1	+4.1	+4.5	+5.2	+5.6	+1.9	+2.9	+5.4
화순군	25.4	27.9	28.3	29.0	29.4	30.2	30.7	31.3	31.6	28.1	29.2	31.4
		+2.5	+2.9	+3.6	+4.0	+4.8	+5.3	+5.9	+6.2	+2.7	+3.8	+6.0

표 4-60. 전라남도의 일최저기온 연최대 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	26.0	27.9	28.3	29.2	29.7	30.6	31.4	32.0	32.8	28.1	29.4	32.4
		+1.9	+2.3	+3.2	+3.7	+4.6	+5.4	+6.0	+6.8	+2.1	+3.4	+6.4
강진군	25.8	27.9	28.4	29.2	29.7	30.5	31.3	32.0	32.8	28.2	29.4	32.4
		+2.1	+2.6	+3.4	+3.9	+4.7	+5.5	+6.2	+7.0	+2.4	+3.6	+6.6
고흥군	26.0	27.9	28.3	29.2	29.6	30.6	31.3	32.0	32.7	28.1	29.4	32.3
		+1.9	+2.3	+3.2	+3.6	+4.6	+5.3	+6.0	+6.7	+2.1	+3.4	+6.3
곡성군	25.3	27.7	28.2	28.9	29.5	30.3	31.2	31.9	32.7	28.0	29.2	32.3
		+2.4	+2.9	+3.6	+4.2	+5.0	+5.9	+6.6	+7.4	+2.7	+3.9	+7.0
광양시	25.9	28.1	28.5	29.3	29.7	30.8	31.5	32.2	32.9	28.3	29.5	32.6
		+2.2	+2.6	+3.4	+3.8	+4.9	+5.6	+6.3	+7.0	+2.4	+3.6	+6.7
구례군	25.4	27.8	28.3	29.0	29.5	30.4	31.2	31.9	32.7	28.0	29.3	32.3
		+2.4	+2.9	+3.6	+4.1	+5.0	+5.8	+6.5	+7.3	+2.6	+3.9	+6.9
나주시	26.1	28.5	29.0	29.7	30.3	31.1	32.0	32.7	33.4	28.7	30.0	33.0
		+2.4	+2.9	+3.6	+4.2	+5.0	+5.9	+6.6	+7.3	+2.6	+3.9	+6.9
담양군	25.4	27.7	28.2	28.8	29.4	30.3	31.2	31.9	32.6	27.9	29.1	32.2
		+2.3	+2.8	+3.4	+4.0	+4.9	+5.8	+6.5	+7.2	+2.5	+3.7	+6.8
목포시	26.5	28.2	28.7	29.6	30.0	31.2	31.8	32.4	33.2	28.4	29.8	32.8
		+1.7	+2.2	+3.1	+3.5	+4.7	+5.3	+5.9	+6.7	+1.9	+3.3	+6.3
무안군	26.3	28.2	28.6	29.6	30.0	31.1	31.7	32.4	33.1	28.4	29.8	32.8
		+1.9	+2.3	+3.3	+3.7	+4.8	+5.4	+6.1	+6.8	+2.1	+3.5	+6.5
보성군	25.4	27.5	27.9	28.7	29.3	30.0	31.0	31.5	32.3	27.7	29.0	31.9
		+2.1	+2.5	+3.3	+3.9	+4.6	+5.6	+6.1	+6.9	+2.3	+3.6	+6.5
순천시	25.9	28.1	28.5	29.3	29.8	30.7	31.5	32.1	33.0	28.3	29.6	32.6
		+2.2	+2.6	+3.4	+3.9	+4.8	+5.6	+6.2	+7.1	+2.4	+3.7	+6.7
신안군	26.3	27.4	27.8	28.8	29.3	30.6	31.0	31.6	32.5	27.6	29.1	32.0
		+1.1	+1.5	+2.5	+3.0	+4.3	+4.7	+5.3	+6.2	+1.3	+2.8	+5.7
여수시	26.3	28.2	28.5	29.4	29.9	30.9	31.7	32.3	33.0	28.3	29.7	32.7
		+1.9	+2.2	+3.1	+3.6	+4.6	+5.4	+6.0	+6.7	+2.0	+3.4	+6.4
영광군	26.4	27.9	28.4	29.3	29.8	30.9	31.5	32.1	33.0	28.2	29.6	32.6
		+1.5	+2.0	+2.9	+3.4	+4.5	+5.1	+5.7	+6.6	+1.8	+3.2	+6.2
영암군	26.4	28.5	29.0	29.7	30.3	31.1	32.0	32.6	33.4	28.7	30.0	33.0
		+2.1	+2.6	+3.3	+3.9	+4.7	+5.6	+6.2	+7.0	+2.3	+3.6	+6.6
완도군	26.1	27.0	27.4	28.4	29.0	30.0	30.6	31.2	31.9	27.2	28.7	31.5
		+0.9	+1.3	+2.3	+2.9	+3.9	+4.5	+5.1	+5.8	+1.1	+2.6	+5.4
장성군	25.8	28.0	28.6	29.2	29.8	30.6	31.6	32.2	33.0	28.3	29.5	32.6
		+2.2	+2.8	+3.4	+4.0	+4.8	+5.8	+6.4	+7.2	+2.5	+3.7	+6.8
장흥군	25.6	27.4	27.9	28.7	29.2	30.0	30.8	31.5	32.3	27.7	28.9	31.9
		+1.8	+2.3	+3.1	+3.6	+4.4	+5.2	+5.9	+6.7	+2.1	+3.3	+6.3
진도군	26.3	27.2	27.7	28.6	29.1	30.1	30.7	31.4	32.1	27.4	28.8	31.7
		+0.9	+1.4	+2.3	+2.8	+3.8	+4.4	+5.1	+5.8	+1.1	+2.5	+5.4
함평군	26.2	28.4	28.9	29.7	30.2	31.1	31.9	32.6	33.4	28.7	30.0	33.0
		+2.2	+2.7	+3.5	+4.0	+4.9	+5.7	+6.4	+7.2	+2.5	+3.8	+6.8
해남군	26.2	27.8	28.3	29.1	29.6	30.5	31.2	31.9	32.7	28.0	29.3	32.3
		+1.6	+2.1	+2.9	+3.4	+4.3	+5.0	+5.7	+6.5	+1.8	+3.1	+6.1
화순군	25.4	27.8	28.3	29.0	29.6	30.3	31.3	31.9	32.7	28.1	29.3	32.3
		+2.4	+2.9	+3.6	+4.2	+4.9	+5.9	+6.5	+7.3	+2.7	+3.9	+6.9

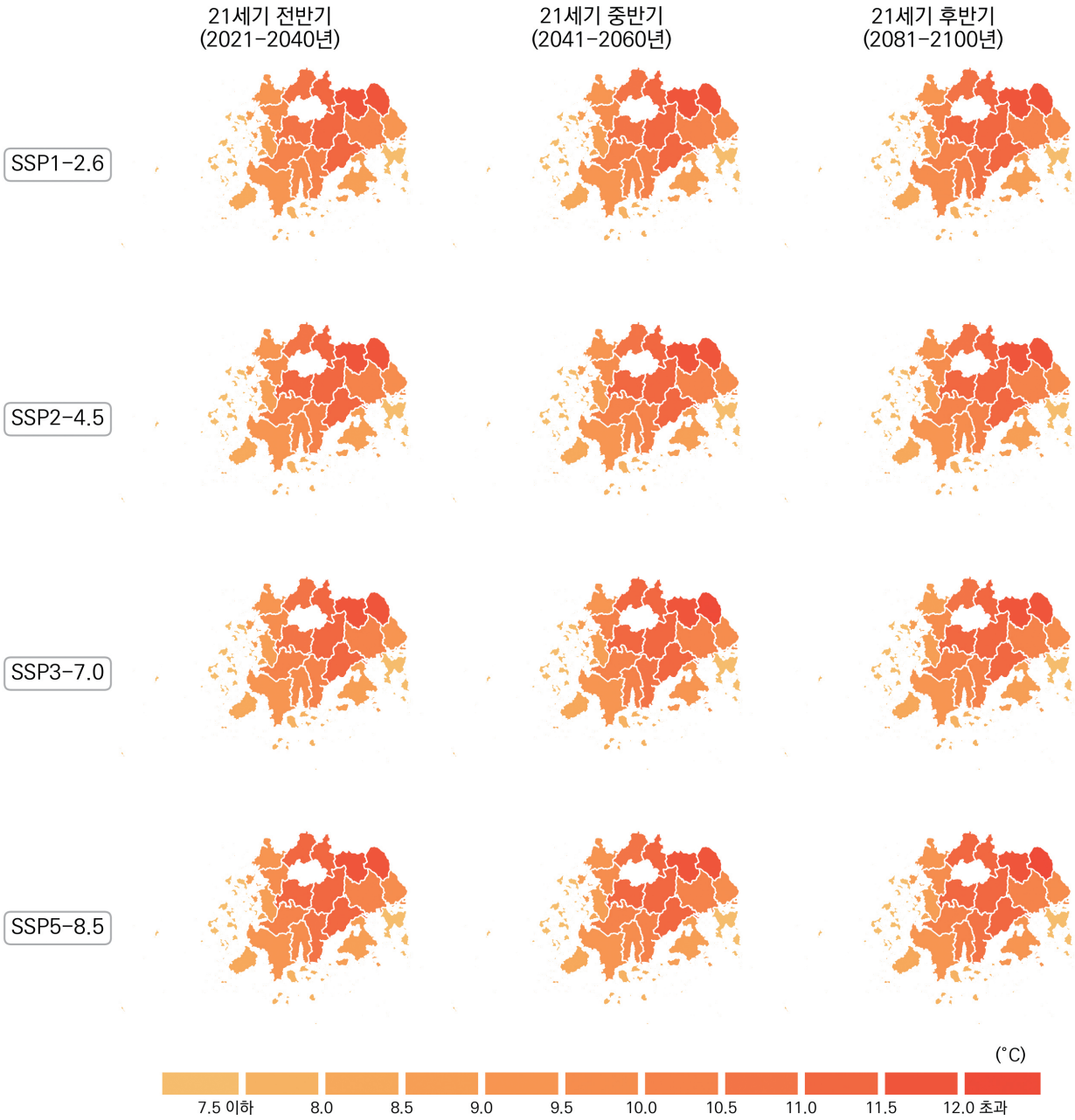


그림 4-25. 전라남도의 일교차(℃) 전망 분포도

표 4-61. 전라남도의 일교차 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	9.7	9.7	9.7	9.8	9.7	9.7	9.8	9.9	9.9	9.7	9.7	9.9
		+0.0	+0.0	+0.1	+0.0	+0.0	+0.1	+0.2	+0.2	+0.0	+0.0	+0.2
강진군	9.9	9.9	9.9	10.0	9.9	9.9	10.0	10.0	10.1	9.9	9.9	10.1
		+0.0	+0.0	+0.1	+0.0	+0.0	+0.1	+0.1	+0.2	+0.0	+0.0	+0.2
고흥군	9.0	9.0	9.0	9.0	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0
		+0.0	+0.0	+0.0	-0.1	-0.1	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
곡성군	11.7	11.7	11.7	11.8	11.6	11.7	11.8	11.8	11.9	11.7	11.7	11.9
		+0.0	+0.0	+0.1	-0.1	+0.0	+0.1	+0.1	+0.2	+0.0	+0.0	+0.2
광양시	9.5	9.5	9.5	9.6	9.5	9.5	9.6	9.6	9.7	9.5	9.6	9.7
		+0.0	+0.0	+0.1	+0.0	+0.0	+0.1	+0.1	+0.2	+0.0	+0.1	+0.2
구례군	11.9	11.9	11.9	12.0	11.8	11.9	12.0	12.0	12.0	11.9	11.9	12.0
		+0.0	+0.0	+0.1	-0.1	+0.0	+0.1	+0.1	+0.1	+0.0	+0.0	+0.1
나주시	11.0	11.0	11.0	11.1	10.9	11.0	11.1	11.1	11.2	11.0	11.0	11.2
		+0.0	+0.0	+0.1	-0.1	+0.0	+0.1	+0.1	+0.2	+0.0	+0.0	+0.2
담양군	11.1	11.2	11.2	11.2	11.1	11.2	11.2	11.3	11.4	11.2	11.2	11.3
		+0.1	+0.1	+0.1	+0.0	+0.1	+0.1	+0.2	+0.3	+0.1	+0.1	+0.2
목포시	8.2	8.2	8.2	8.2	8.1	8.1	8.2	8.2	8.3	8.2	8.2	8.3
		+0.0	+0.0	+0.0	-0.1	-0.1	+0.0	+0.0	+0.1	+0.0	+0.0	+0.1
무안군	8.9	8.9	8.9	8.9	8.8	8.8	8.9	8.9	9.0	8.9	8.8	9.0
		+0.0	+0.0	+0.0	-0.1	-0.1	+0.0	+0.0	+0.1	+0.0	-0.1	+0.1
보성군	11.2	11.2	11.2	11.3	11.1	11.2	11.3	11.3	11.4	11.2	11.2	11.3
		+0.0	+0.0	+0.1	-0.1	+0.0	+0.1	+0.1	+0.2	+0.0	+0.0	+0.1
순천시	10.1	10.2	10.1	10.2	10.1	10.2	10.2	10.3	10.3	10.1	10.2	10.3
		+0.1	+0.0	+0.1	+0.0	+0.1	+0.1	+0.2	+0.2	+0.0	+0.1	+0.2
신안군	7.3	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.2	7.2	7.2
		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	+0.0	-0.1	-0.1	-0.1
여수시	7.1	7.1	7.1	7.2	7.1	7.1	7.2	7.2	7.2	7.1	7.2	7.2
		+0.0	+0.0	+0.1	+0.0	+0.0	+0.1	+0.1	+0.1	+0.0	+0.1	+0.1
영광군	9.1	9.1	9.1	9.1	9.0	9.1	9.1	9.2	9.2	9.1	9.1	9.2
		+0.0	+0.0	+0.0	-0.1	+0.0	+0.0	+0.1	+0.1	+0.0	+0.0	+0.1
영암군	10.3	10.4	10.4	10.4	10.3	10.3	10.4	10.5	10.6	10.4	10.3	10.5
		+0.1	+0.1	+0.1	+0.0	+0.0	+0.1	+0.2	+0.3	+0.1	+0.0	+0.2
완도군	7.8	7.7	7.8	7.8	7.7	7.7	7.7	7.8	7.8	7.7	7.8	7.8
		-0.1	+0.0	+0.0	-0.1	-0.1	-0.1	+0.0	+0.0	-0.1	+0.0	+0.0
장성군	10.8	10.9	10.9	11.0	10.8	10.9	11.0	11.0	11.1	10.9	10.9	11.0
		+0.1	+0.1	+0.2	+0.0	+0.1	+0.2	+0.2	+0.3	+0.1	+0.1	+0.2
장흥군	10.4	10.4	10.5	10.5	10.4	10.4	10.5	10.5	10.6	10.4	10.5	10.6
		+0.0	+0.1	+0.1	+0.0	+0.0	+0.1	+0.1	+0.2	+0.0	+0.1	+0.2
진도군	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.4	8.3	8.3	8.4
		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	+0.0	+0.0	-0.1	-0.1	+0.0
함평군	9.9	9.9	10.0	10.0	9.8	9.9	10.0	10.0	10.1	9.9	9.9	10.1
		+0.0	+0.1	+0.1	-0.1	+0.0	+0.1	+0.1	+0.2	+0.0	+0.0	+0.2
해남군	9.4	9.4	9.5	9.5	9.4	9.4	9.5	9.5	9.6	9.4	9.4	9.6
		+0.0	+0.1	+0.1	+0.0	+0.0	+0.1	+0.1	+0.2	+0.0	+0.0	+0.2
화순군	11.2	11.3	11.3	11.3	11.2	11.2	11.3	11.4	11.5	11.3	11.3	11.4
		+0.1	+0.1	+0.1	+0.0	+0.0	+0.1	+0.2	+0.3	+0.1	+0.1	+0.2

표 4-62. 전라남도의 일교차 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	9.7	9.9	9.8	9.8	9.8	9.7	9.7	9.8	9.7	9.8	9.8	9.8
		+0.2	+0.1	+0.1	+0.1	+0.0	+0.0	+0.1	+0.0	+0.1	+0.1	+0.1
강진군	9.9	10.0	9.9	10.0	9.9	10.0	9.9	10.0	9.9	10.0	10.0	10.0
		+0.1	+0.0	+0.1	+0.0	+0.1	+0.0	+0.1	+0.0	+0.1	+0.1	+0.1
고흥군	9.0	9.1	9.0	9.0	9.0	9.0	8.9	9.0	8.9	9.0	9.0	9.0
		+0.1	+0.0	+0.0	+0.0	+0.0	-0.1	+0.0	-0.1	+0.0	+0.0	+0.0
곡성군	11.7	11.9	11.8	11.8	11.7	11.7	11.7	11.8	11.7	11.8	11.8	11.7
		+0.2	+0.1	+0.1	+0.0	+0.0	+0.0	+0.1	+0.0	+0.1	+0.1	+0.0
광양시	9.5	9.7	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
		+0.2	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1
구례군	11.9	12.1	11.9	12.0	11.9	11.9	11.9	11.9	11.9	12.0	12.0	11.9
		+0.2	+0.0	+0.1	+0.0	+0.0	+0.0	+0.0	+0.0	+0.1	+0.1	+0.0
나주시	11.0	11.2	11.0	11.1	11.1	11.0	11.0	11.1	11.0	11.1	11.1	11.1
		+0.2	+0.0	+0.1	+0.1	+0.0	+0.0	+0.1	+0.0	+0.1	+0.1	+0.1
담양군	11.1	11.3	11.2	11.3	11.2	11.2	11.2	11.2	11.2	11.3	11.3	11.2
		+0.2	+0.1	+0.2	+0.1	+0.1	+0.1	+0.1	+0.1	+0.2	+0.2	+0.1
목포시	8.2	8.2	8.2	8.2	8.2	8.1	8.1	8.2	8.1	8.2	8.2	8.1
		+0.0	+0.0	+0.0	+0.0	-0.1	-0.1	+0.0	-0.1	+0.0	+0.0	-0.1
무안군	8.9	9.0	8.9	8.9	8.9	8.8	8.8	8.9	8.8	8.9	8.9	8.8
		+0.1	+0.0	+0.0	+0.0	-0.1	-0.1	+0.0	-0.1	+0.0	+0.0	-0.1
보성군	11.2	11.3	11.2	11.3	11.2	11.2	11.2	11.3	11.2	11.3	11.3	11.2
		+0.1	+0.0	+0.1	+0.0	+0.0	+0.0	+0.1	+0.0	+0.1	+0.1	+0.0
순천시	10.1	10.3	10.2	10.3	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
		+0.2	+0.1	+0.2	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1
신안군	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.2	7.1	7.2	7.2	7.1
		+0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	-0.2	-0.1	-0.1	-0.2
여수시	7.1	7.2	7.1	7.2	7.2	7.1	7.1	7.2	7.1	7.2	7.2	7.2
		+0.1	+0.0	+0.1	+0.1	+0.0	+0.0	+0.1	+0.0	+0.1	+0.1	+0.1
영광군	9.1	9.2	9.1	9.1	9.1	9.1	9.0	9.1	9.0	9.1	9.1	9.1
		+0.1	+0.0	+0.0	+0.0	+0.0	-0.1	+0.0	-0.1	+0.0	+0.0	+0.0
영암군	10.3	10.5	10.4	10.5	10.4	10.4	10.3	10.4	10.4	10.4	10.4	10.4
		+0.2	+0.1	+0.2	+0.1	+0.1	+0.0	+0.1	+0.1	+0.1	+0.1	+0.1
완도군	7.8	7.8	7.7	7.8	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.7
		+0.0	-0.1	+0.0	-0.1	-0.1	-0.1	-0.1	-0.1	+0.0	+0.0	-0.1
장성군	10.8	11.0	10.9	11.0	10.9	10.9	10.9	10.9	10.9	11.0	11.0	10.9
		+0.2	+0.1	+0.2	+0.1	+0.1	+0.1	+0.1	+0.1	+0.2	+0.2	+0.1
장흥군	10.4	10.6	10.5	10.6	10.5	10.5	10.4	10.5	10.4	10.5	10.5	10.5
		+0.2	+0.1	+0.2	+0.1	+0.1	+0.0	+0.1	+0.0	+0.1	+0.1	+0.1
진도군	8.4	8.4	8.3	8.3	8.3	8.3	8.2	8.3	8.2	8.3	8.3	8.3
		+0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.2	-0.1	-0.1	-0.1
함평군	9.9	10.0	9.9	10.0	10.0	9.9	9.9	10.0	9.9	10.0	10.0	9.9
		+0.1	+0.0	+0.1	+0.1	+0.0	+0.0	+0.1	+0.0	+0.1	+0.1	+0.0
해남군	9.4	9.5	9.5	9.5	9.4	9.5	9.4	9.5	9.4	9.5	9.5	9.5
		+0.1	+0.1	+0.1	+0.0	+0.1	+0.0	+0.1	+0.0	+0.1	+0.1	+0.1
화순군	11.2	11.4	11.3	11.4	11.3	11.3	11.2	11.3	11.3	11.4	11.3	11.3
		+0.2	+0.1	+0.2	+0.1	+0.1	+0.0	+0.1	+0.1	+0.2	+0.1	+0.1

표 4-63. 전라남도의 일교차 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	9.7	9.8	9.7	10.0	9.8	9.6	9.7	9.7	9.8	9.7	9.9	9.8
		+0.1	+0.0	+0.3	+0.1	-0.1	+0.0	+0.0	+0.1	+0.0	+0.2	+0.1
강진군	9.9	10.0	9.8	10.1	10.0	9.7	9.9	10.0	10.0	9.9	10.1	10.0
		+0.1	-0.1	+0.2	+0.1	-0.2	+0.0	+0.1	+0.1	+0.0	+0.2	+0.1
고흥군	9.0	9.0	8.9	9.1	9.0	8.8	8.9	9.0	9.0	9.0	9.1	9.0
		+0.0	-0.1	+0.1	+0.0	-0.2	-0.1	+0.0	+0.0	+0.0	+0.1	+0.0
곡성군	11.7	11.8	11.6	12.0	11.8	11.6	11.6	11.8	11.8	11.7	11.9	11.8
		+0.1	-0.1	+0.3	+0.1	-0.1	-0.1	+0.1	+0.1	+0.0	+0.2	+0.1
광양시	9.5	9.6	9.5	9.8	9.6	9.4	9.5	9.6	9.6	9.5	9.7	9.6
		+0.1	+0.0	+0.3	+0.1	-0.1	+0.0	+0.1	+0.1	+0.0	+0.2	+0.1
구례군	11.9	12.0	11.8	12.2	12.0	11.8	11.8	11.9	12.0	11.9	12.1	12.0
		+0.1	-0.1	+0.3	+0.1	-0.1	-0.1	+0.0	+0.1	+0.0	+0.2	+0.1
나주시	11.0	11.1	10.9	11.3	11.1	10.9	10.9	11.1	11.1	11.0	11.2	11.1
		+0.1	-0.1	+0.3	+0.1	-0.1	-0.1	+0.1	+0.1	+0.0	+0.2	+0.1
담양군	11.1	11.3	11.1	11.5	11.3	11.1	11.1	11.3	11.3	11.2	11.4	11.3
		+0.2	+0.0	+0.4	+0.2	+0.0	+0.0	+0.2	+0.2	+0.1	+0.3	+0.2
목포시	8.2	8.2	8.1	8.3	8.2	8.1	8.1	8.1	8.1	8.2	8.2	8.1
		+0.0	-0.1	+0.1	+0.0	-0.1	-0.1	-0.1	-0.1	+0.0	+0.0	-0.1
무안군	8.9	8.9	8.8	9.0	8.9	8.8	8.7	8.8	8.8	8.8	8.9	8.8
		+0.0	-0.1	+0.1	+0.0	-0.1	-0.2	-0.1	-0.1	-0.1	+0.0	-0.1
보성군	11.2	11.3	11.1	11.5	11.3	11.0	11.1	11.2	11.3	11.2	11.4	11.2
		+0.1	-0.1	+0.3	+0.1	-0.2	-0.1	+0.0	+0.1	+0.0	+0.2	+0.0
순천시	10.1	10.2	10.1	10.4	10.2	10.0	10.1	10.2	10.2	10.2	10.3	10.2
		+0.1	+0.0	+0.3	+0.1	-0.1	+0.0	+0.1	+0.1	+0.1	+0.2	+0.1
신안군	7.3	7.2	7.2	7.3	7.2	7.1	7.1	7.1	7.1	7.2	7.2	7.1
		-0.1	-0.1	+0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2
여수시	7.1	7.2	7.1	7.3	7.2	7.0	7.1	7.1	7.1	7.1	7.2	7.1
		+0.1	+0.0	+0.2	+0.1	-0.1	+0.0	+0.0	+0.0	+0.0	+0.1	+0.0
영광군	9.1	9.1	9.0	9.2	9.1	9.0	9.0	9.1	9.0	9.1	9.2	9.0
		+0.0	-0.1	+0.1	+0.0	-0.1	-0.1	+0.0	-0.1	+0.0	+0.1	-0.1
영암군	10.3	10.4	10.3	10.6	10.5	10.2	10.3	10.4	10.4	10.3	10.5	10.4
		+0.1	+0.0	+0.3	+0.2	-0.1	+0.0	+0.1	+0.1	+0.0	+0.2	+0.1
완도군	7.8	7.8	7.7	7.8	7.7	7.6	7.7	7.6	7.6	7.8	7.8	7.6
		+0.0	-0.1	+0.0	-0.1	-0.2	-0.1	-0.2	-0.2	+0.0	+0.0	-0.2
장성군	10.8	11.0	10.8	11.2	11.0	10.8	10.8	11.0	11.0	10.9	11.1	11.0
		+0.2	+0.0	+0.4	+0.2	+0.0	+0.0	+0.2	+0.2	+0.1	+0.3	+0.2
장흥군	10.4	10.6	10.3	10.7	10.5	10.3	10.4	10.5	10.5	10.4	10.6	10.5
		+0.2	-0.1	+0.3	+0.1	-0.1	+0.0	+0.1	+0.1	+0.0	+0.2	+0.1
진도군	8.4	8.4	8.3	8.5	8.3	8.2	8.2	8.2	8.2	8.3	8.4	8.2
		+0.0	-0.1	+0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.1	+0.0	-0.2
함평군	9.9	10.0	9.8	10.2	10.0	9.8	9.8	10.0	10.0	9.9	10.1	10.0
		+0.1	-0.1	+0.3	+0.1	-0.1	-0.1	+0.1	+0.1	+0.0	+0.2	+0.1
해남군	9.4	9.5	9.4	9.6	9.5	9.3	9.4	9.4	9.4	9.4	9.5	9.4
		+0.1	+0.0	+0.2	+0.1	-0.1	+0.0	+0.0	+0.0	+0.0	+0.1	+0.0
화순군	11.2	11.4	11.1	11.6	11.3	11.1	11.2	11.3	11.4	11.2	11.4	11.3
		+0.2	-0.1	+0.4	+0.1	-0.1	+0.0	+0.1	+0.2	+0.0	+0.2	+0.1

표 4-64. 전라남도의 일교차 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	9.7	9.9	9.9	9.8	9.8	9.8	9.7	9.9	9.8	9.9	9.8	9.9
		+0.2	+0.2	+0.1	+0.1	+0.1	+0.0	+0.2	+0.1	+0.2	+0.1	+0.2
강진군	9.9	10.0	10.0	9.9	10.0	10.0	9.9	10.1	10.1	10.0	10.0	10.1
		+0.1	+0.1	+0.0	+0.1	+0.1	+0.0	+0.2	+0.2	+0.1	+0.1	+0.2
고흥군	9.0	9.0	9.0	8.9	9.0	9.0	8.9	9.1	9.0	9.0	9.0	9.1
		+0.0	+0.0	-0.1	+0.0	+0.0	-0.1	+0.1	+0.0	+0.0	+0.0	+0.1
곡성군	11.7	11.9	11.8	11.7	11.8	11.8	11.8	12.0	11.9	11.9	11.8	11.9
		+0.2	+0.1	+0.0	+0.1	+0.1	+0.1	+0.3	+0.2	+0.2	+0.1	+0.2
광양시	9.5	9.6	9.7	9.5	9.6	9.6	9.6	9.7	9.7	9.6	9.6	9.7
		+0.1	+0.2	+0.0	+0.1	+0.1	+0.1	+0.2	+0.2	+0.1	+0.1	+0.2
구례군	11.9	12.0	12.0	11.9	12.0	12.0	11.9	12.1	12.1	12.0	11.9	12.1
		+0.1	+0.1	+0.0	+0.1	+0.1	+0.0	+0.2	+0.2	+0.1	+0.0	+0.2
나주시	11.0	11.2	11.2	11.1	11.1	11.1	11.0	11.2	11.2	11.2	11.1	11.2
		+0.2	+0.2	+0.1	+0.1	+0.1	+0.0	+0.2	+0.2	+0.2	+0.1	+0.2
담양군	11.1	11.4	11.3	11.2	11.3	11.3	11.2	11.4	11.4	11.3	11.3	11.4
		+0.3	+0.2	+0.1	+0.2	+0.2	+0.1	+0.3	+0.3	+0.2	+0.2	+0.3
목포시	8.2	8.2	8.2	8.2	8.2	8.2	8.1	8.1	8.1	8.2	8.2	8.1
		+0.0	+0.0	+0.0	+0.0	+0.0	-0.1	-0.1	-0.1	+0.0	+0.0	-0.1
무안군	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.9	8.8	8.9	8.9	8.8
		+0.0	+0.0	+0.0	+0.0	+0.0	-0.1	+0.0	-0.1	+0.0	+0.0	-0.1
보성군	11.2	11.3	11.3	11.2	11.3	11.3	11.2	11.4	11.4	11.3	11.2	11.4
		+0.1	+0.1	+0.0	+0.1	+0.1	+0.0	+0.2	+0.2	+0.1	+0.0	+0.2
순천시	10.1	10.3	10.3	10.1	10.3	10.2	10.2	10.4	10.3	10.3	10.2	10.4
		+0.2	+0.2	+0.0	+0.2	+0.1	+0.1	+0.3	+0.2	+0.2	+0.1	+0.3
신안군	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.2	7.2	7.1
		+0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.3	-0.1	-0.1	-0.2
여수시	7.1	7.2	7.2	7.1	7.2	7.1	7.1	7.2	7.2	7.2	7.1	7.2
		+0.1	+0.1	+0.0	+0.1	+0.0	+0.0	+0.1	+0.1	+0.1	+0.0	+0.1
영광군	9.1	9.2	9.2	9.1	9.1	9.1	9.0	9.1	9.0	9.2	9.1	9.1
		+0.1	+0.1	+0.0	+0.0	+0.0	-0.1	+0.0	-0.1	+0.1	+0.0	+0.0
영암군	10.3	10.5	10.5	10.4	10.5	10.5	10.4	10.5	10.5	10.5	10.4	10.5
		+0.2	+0.2	+0.1	+0.2	+0.2	+0.1	+0.2	+0.2	+0.2	+0.1	+0.2
완도군	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.7	7.6	7.8	7.7	7.7
		+0.0	+0.0	-0.1	-0.1	-0.1	-0.2	-0.1	-0.2	+0.0	-0.1	-0.1
장성군	10.8	11.1	11.1	11.0	11.0	11.0	10.9	11.1	11.0	11.1	11.0	11.1
		+0.3	+0.3	+0.2	+0.2	+0.2	+0.1	+0.3	+0.2	+0.3	+0.2	+0.3
장흥군	10.4	10.5	10.6	10.5	10.5	10.5	10.4	10.6	10.6	10.6	10.5	10.6
		+0.1	+0.2	+0.1	+0.1	+0.1	+0.0	+0.2	+0.2	+0.2	+0.1	+0.2
진도군	8.4	8.4	8.4	8.3	8.3	8.3	8.2	8.3	8.2	8.4	8.3	8.2
		+0.0	+0.0	-0.1	-0.1	-0.1	-0.2	-0.1	-0.2	+0.0	-0.1	-0.2
함평군	9.9	10.1	10.0	10.0	10.0	10.0	9.9	10.1	10.0	10.0	10.0	10.0
		+0.2	+0.1	+0.1	+0.1	+0.1	+0.0	+0.2	+0.1	+0.1	+0.1	+0.1
해남군	9.4	9.5	9.5	9.5	9.5	9.5	9.4	9.5	9.5	9.5	9.5	9.5
		+0.1	+0.1	+0.1	+0.1	+0.1	+0.0	+0.1	+0.1	+0.1	+0.1	+0.1
화순군	11.2	11.4	11.4	11.3	11.4	11.4	11.3	11.5	11.4	11.4	11.3	11.5
		+0.2	+0.2	+0.1	+0.2	+0.2	+0.1	+0.3	+0.2	+0.2	+0.1	+0.3

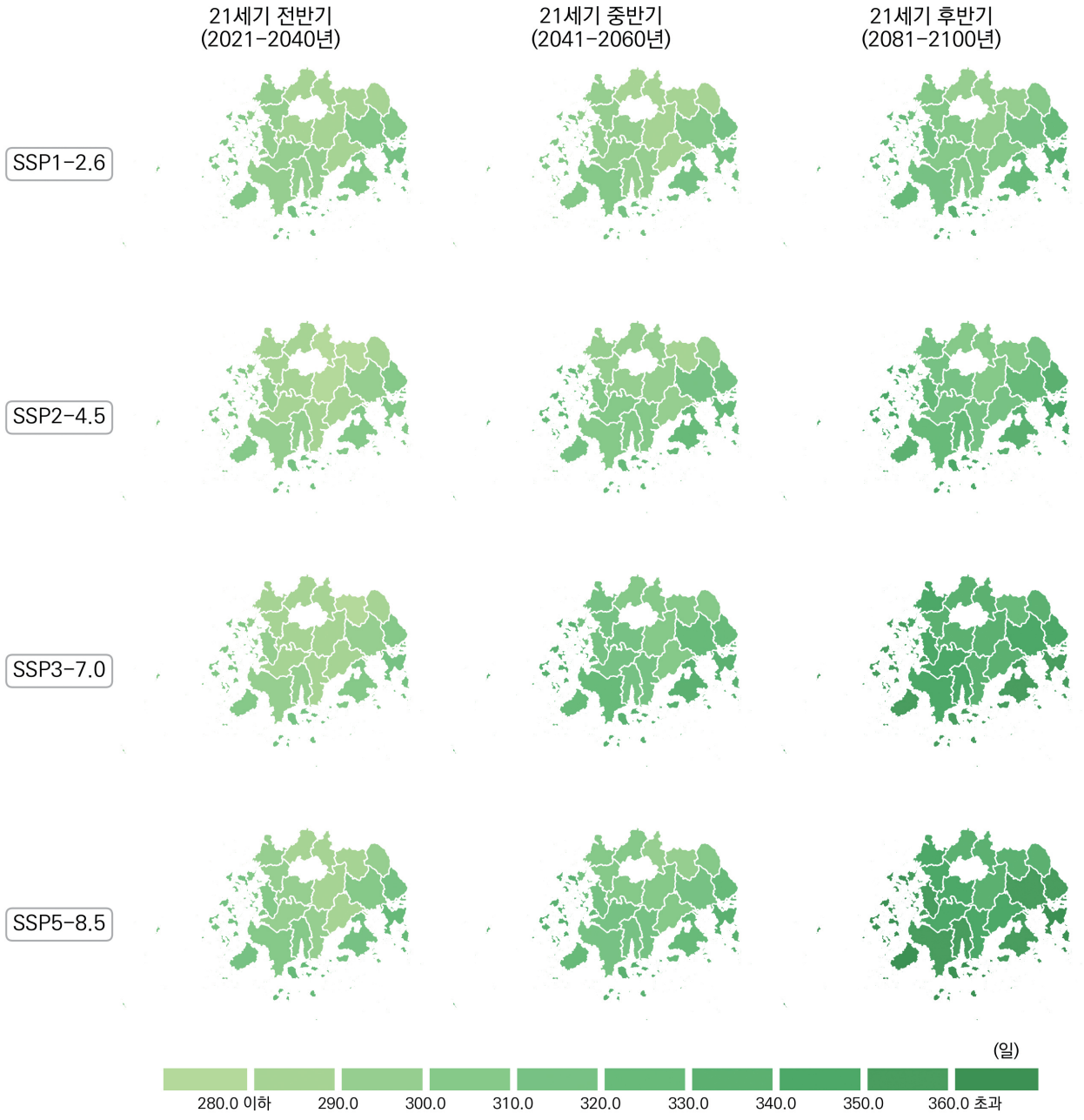


그림 4-26. 전라남도의 식물성장가능기간(일) 전망 분포도

표 4-65. 전라남도의 식물성장가능기간 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	279.0	295.8	298.3	300.9	296.2	300.3	302.6	308.2	312.5	297.1	298.5	310.4
		+16.8	+19.3	+21.9	+17.2	+21.3	+23.6	+29.2	+33.5	+18.1	+19.5	+31.4
강진군	280.4	296.3	297.3	302.0	298.0	298.9	303.0	308.0	311.5	296.8	300.0	309.7
		+15.9	+16.9	+21.6	+17.6	+18.5	+22.6	+27.6	+31.1	+16.4	+19.6	+29.3
고흥군	294.9	307.1	312.4	315.9	308.9	312.9	314.6	322.3	325.3	309.8	312.4	323.8
		+12.2	+17.5	+21.0	+14.0	+18.0	+19.7	+27.4	+30.4	+14.9	+17.5	+28.9
곡성군	263.8	284.3	283.9	285.6	283.1	285.4	288.7	292.3	298.0	284.1	284.3	295.1
		+20.5	+20.1	+21.8	+19.3	+21.6	+24.9	+28.5	+34.2	+20.3	+20.5	+31.3
광양시	292.0	304.9	311.5	314.3	306.1	310.1	312.0	319.5	323.0	308.2	310.2	321.3
		+12.9	+19.5	+22.3	+14.1	+18.1	+20.0	+27.5	+31.0	+16.2	+18.2	+29.3
구례군	269.4	288.4	287.5	292.2	287.4	289.4	292.4	298.5	303.5	288.0	289.8	301.0
		+19.0	+18.1	+22.8	+18.0	+20.0	+23.0	+29.1	+34.1	+18.6	+20.4	+31.6
나주시	272.5	289.4	289.9	294.1	290.9	292.0	294.3	298.5	305.6	289.6	292.5	302.1
		+16.9	+17.4	+21.6	+18.4	+19.5	+21.8	+26.0	+33.1	+17.1	+20.0	+29.6
담양군	266.3	286.3	285.4	288.5	284.7	286.9	289.3	293.9	300.4	285.9	286.6	297.1
		+20.0	+19.1	+22.2	+18.4	+20.6	+23.0	+27.6	+34.1	+19.6	+20.3	+30.8
목포시	281.5	299.0	300.9	303.9	298.6	304.8	307.2	314.0	315.2	299.9	301.3	314.6
		+17.5	+19.4	+22.4	+17.1	+23.3	+25.7	+32.5	+33.7	+18.4	+19.8	+33.1
무안군	278.1	295.8	297.6	300.9	295.6	302.1	303.9	309.2	312.8	296.7	298.3	311.0
		+17.7	+19.5	+22.8	+17.5	+24.0	+25.8	+31.1	+34.7	+18.6	+20.2	+32.9
보성군	270.3	289.1	289.1	290.9	288.3	290.5	293.4	298.0	304.1	289.1	289.6	301.0
		+18.8	+18.8	+20.6	+18.0	+20.2	+23.1	+27.7	+33.8	+18.8	+19.3	+30.7
순천시	286.2	300.5	304.4	307.5	300.1	302.9	306.3	312.6	316.8	302.4	303.8	314.7
		+14.3	+18.2	+21.3	+13.9	+16.7	+20.1	+26.4	+30.6	+16.2	+17.6	+28.5
신안군	287.8	305.4	313.1	312.5	306.1	316.4	317.0	325.6	328.7	309.2	309.3	327.2
		+17.6	+25.3	+24.7	+18.3	+28.6	+29.2	+37.8	+40.9	+21.4	+21.5	+39.4
여수시	301.2	312.1	320.2	321.4	315.2	320.6	321.9	328.6	331.7	316.2	318.3	330.1
		+10.9	+19.0	+20.2	+14.0	+19.4	+20.7	+27.4	+30.5	+15.0	+17.1	+28.9
영광군	273.7	289.3	293.1	294.3	287.5	296.3	297.4	301.6	307.1	291.2	290.9	304.3
		+15.6	+19.4	+20.6	+13.8	+22.6	+23.7	+27.9	+33.4	+17.5	+17.2	+30.6
영암군	274.2	291.9	293.2	297.2	294.5	295.3	298.5	302.5	308.2	292.5	295.8	305.3
		+17.7	+19.0	+23.0	+20.3	+21.1	+24.3	+28.3	+34.0	+18.3	+21.6	+31.1
완도군	298.3	311.2	319.2	319.7	314.9	322.0	322.5	330.6	332.1	315.2	317.3	331.4
		+12.9	+20.9	+21.4	+16.6	+23.7	+24.2	+32.3	+33.8	+16.9	+19.0	+33.1
장성군	267.5	285.8	286.6	288.2	284.6	287.5	288.7	293.9	300.8	286.2	286.4	297.3
		+18.3	+19.1	+20.7	+17.1	+20.0	+21.2	+26.4	+33.3	+18.7	+18.9	+29.8
장흥군	274.8	292.5	293.2	296.3	293.2	295.3	299.1	304.1	308.3	292.9	294.8	306.2
		+17.7	+18.4	+21.5	+18.4	+20.5	+24.3	+29.3	+33.5	+18.1	+20.0	+31.4
진도군	285.6	303.0	307.9	308.6	303.7	312.3	312.9	321.4	322.0	305.5	306.1	321.7
		+17.4	+22.3	+23.0	+18.1	+26.7	+27.3	+35.8	+36.4	+19.9	+20.5	+36.1
함평군	272.4	289.8	291.0	294.8	289.4	294.1	296.7	300.0	306.0	290.4	292.1	303.0
		+17.4	+18.6	+22.4	+17.0	+21.7	+24.3	+27.6	+33.6	+18.0	+19.7	+30.6
해남군	281.6	298.5	299.8	302.9	299.5	302.3	306.0	311.5	313.8	299.1	301.2	312.7
		+16.9	+18.2	+21.3	+17.9	+20.7	+24.4	+29.9	+32.2	+17.5	+19.6	+31.1
화순군	266.9	286.7	286.1	287.9	285.9	287.7	290.1	294.0	301.3	286.4	286.9	297.7
		+19.8	+19.2	+21.0	+19.0	+20.8	+23.2	+27.1	+34.4	+19.5	+20.0	+30.8

표 4-66. 전라남도의 식물성장가능기간 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	279.0	291.8	290.5	303.9	307.1	317.9	313.7	325.0	320.8	291.1	305.5	322.9
		+12.8	+11.5	+24.9	+28.1	+38.9	+34.7	+46.0	+41.8	+12.1	+26.5	+43.9
강진군	280.4	291.5	291.9	304.8	307.3	319.3	314.4	325.2	321.2	291.7	306.1	323.2
		+11.1	+11.5	+24.4	+26.9	+38.9	+34.0	+44.8	+40.8	+11.3	+25.7	+42.8
고흥군	294.9	306.2	301.0	320.3	321.2	330.4	328.2	337.9	334.3	303.6	320.8	336.1
		+11.3	+6.1	+25.4	+26.3	+35.5	+33.3	+43.0	+39.4	+8.7	+25.9	+41.2
곡성군	263.8	276.4	277.4	288.0	291.4	301.9	296.4	306.6	302.8	276.9	289.7	304.7
		+12.6	+13.6	+24.2	+27.6	+38.1	+32.6	+42.8	+39.0	+13.1	+25.9	+40.9
광양시	292.0	304.2	297.7	317.2	319.9	327.0	324.8	334.4	330.2	300.9	318.5	332.3
		+12.2	+5.7	+25.2	+27.9	+35.0	+32.8	+42.4	+38.2	+8.9	+26.5	+40.3
구례군	269.4	282.0	281.7	294.2	295.8	306.4	301.4	312.9	308.8	281.9	295.0	310.8
		+12.6	+12.3	+24.8	+26.4	+37.0	+32.0	+43.5	+39.4	+12.5	+25.6	+41.4
나주시	272.5	283.9	285.5	295.0	299.9	311.2	304.0	315.7	311.4	284.7	297.4	313.5
		+11.4	+13.0	+22.5	+27.4	+38.7	+31.5	+43.2	+38.9	+12.2	+24.9	+41.0
담양군	266.3	278.6	280.4	289.0	293.2	305.4	298.1	308.7	305.4	279.5	291.1	307.1
		+12.3	+14.1	+22.7	+26.9	+39.1	+31.8	+42.4	+39.1	+13.2	+24.8	+40.8
목포시	281.5	295.4	294.0	309.6	309.2	323.1	319.6	332.9	327.9	294.7	309.4	330.4
		+13.9	+12.5	+28.1	+27.7	+41.6	+38.1	+51.4	+46.4	+13.2	+27.9	+48.9
무안군	278.1	291.1	290.3	304.5	306.3	319.2	315.7	329.4	323.3	290.7	305.4	326.3
		+13.0	+12.2	+26.4	+28.2	+41.1	+37.6	+51.3	+45.2	+12.6	+27.3	+48.2
보성군	270.3	282.3	282.6	293.3	298.0	308.4	303.3	313.2	310.1	282.4	295.7	311.6
		+12.0	+12.3	+23.0	+27.7	+38.1	+33.0	+42.9	+39.8	+12.1	+25.4	+41.3
순천시	286.2	297.1	293.7	310.0	312.9	321.8	318.1	327.8	324.8	295.4	311.4	326.3
		+10.9	+7.5	+23.8	+26.7	+35.6	+31.9	+41.6	+38.6	+9.2	+25.2	+40.1
신안군	287.8	306.9	300.5	318.2	322.0	332.1	330.2	344.8	341.8	303.7	320.1	343.3
		+19.1	+12.7	+30.4	+34.2	+44.3	+42.4	+57.0	+54.0	+15.9	+32.3	+55.5
여수시	301.2	313.8	305.8	326.6	328.7	335.8	333.5	343.8	340.1	309.8	327.7	341.9
		+12.6	+4.6	+25.4	+27.5	+34.6	+32.3	+42.6	+38.9	+8.6	+26.5	+40.7
영광군	273.7	284.7	284.8	296.0	300.2	313.1	309.4	321.1	315.6	284.8	298.1	318.3
		+11.0	+11.1	+22.3	+26.5	+39.4	+35.7	+47.4	+41.9	+11.1	+24.4	+44.6
영암군	274.2	287.2	288.0	299.2	302.6	315.1	308.8	320.9	314.8	287.6	300.9	317.8
		+13.0	+13.8	+25.0	+28.4	+40.9	+34.6	+46.7	+40.6	+13.4	+26.7	+43.6
완도군	298.3	314.1	307.2	324.4	328.6	335.6	334.8	346.4	342.5	310.6	326.5	344.5
		+15.8	+8.9	+26.1	+30.3	+37.3	+36.5	+48.1	+44.2	+12.3	+28.2	+46.2
장성군	267.5	278.7	281.8	288.4	294.4	306.8	299.3	310.4	306.4	280.3	291.4	308.4
		+11.2	+14.3	+20.9	+26.9	+39.3	+31.8	+42.9	+38.9	+12.8	+23.9	+40.9
장흥군	274.8	287.8	287.5	300.1	303.2	313.8	310.5	319.7	316.0	287.6	301.6	317.8
		+13.0	+12.7	+25.3	+28.4	+39.0	+35.7	+44.9	+41.2	+12.8	+26.8	+43.0
진도군	285.6	301.8	298.9	314.2	316.6	328.6	326.1	339.5	336.0	300.3	315.4	337.7
		+16.2	+13.3	+28.6	+31.0	+43.0	+40.5	+53.9	+50.4	+14.7	+29.8	+52.1
함평군	272.4	283.7	285.5	294.7	299.8	312.5	306.5	319.2	313.4	284.6	297.3	316.3
		+11.3	+13.1	+22.3	+27.4	+40.1	+34.1	+46.8	+41.0	+12.2	+24.9	+43.9
해남군	281.6	293.6	293.6	307.2	309.0	321.4	317.7	329.9	324.2	293.6	308.1	327.0
		+12.0	+12.0	+25.6	+27.4	+39.8	+36.1	+48.3	+42.6	+12.0	+26.5	+45.4
화순군	266.9	279.1	280.8	290.0	294.6	305.3	299.2	309.8	305.9	279.9	292.3	307.8
		+12.2	+13.9	+23.1	+27.7	+38.4	+32.3	+42.9	+39.0	+13.0	+25.4	+40.9

표 4-67. 전라남도의 식물성장가능기간 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	279.0	287.8	298.3	315.2	321.5	325.1	329.5	335.5	351.1	293.1	318.4	343.3
		+8.8	+19.3	+36.2	+42.5	+46.1	+50.5	+56.5	+72.1	+14.1	+39.4	+64.3
강진군	280.4	287.6	298.4	316.6	321.9	326.5	330.5	335.6	353.5	293.0	319.2	344.5
		+7.2	+18.0	+36.2	+41.5	+46.1	+50.1	+55.2	+73.1	+12.6	+38.8	+64.1
고흥군	294.9	302.6	311.7	328.0	332.8	334.2	341.4	347.3	358.8	307.2	330.4	353.0
		+7.7	+16.8	+33.1	+37.9	+39.3	+46.5	+52.4	+63.9	+12.3	+35.5	+58.1
곡성군	263.8	274.3	283.2	299.3	307.6	311.5	312.8	318.2	335.9	278.8	303.5	327.0
		+10.5	+19.4	+35.5	+43.8	+47.7	+49.0	+54.4	+72.1	+15.0	+39.7	+63.2
광양시	292.0	300.6	311.2	324.6	331.5	332.4	338.5	343.7	356.1	305.9	328.0	349.9
		+8.6	+19.2	+32.6	+39.5	+40.4	+46.5	+51.7	+64.1	+13.9	+36.0	+57.9
구례군	269.4	279.7	288.1	305.3	311.9	318.3	321.1	324.0	341.6	283.9	308.6	332.8
		+10.3	+18.7	+35.9	+42.5	+48.9	+51.7	+54.6	+72.2	+14.5	+39.2	+63.4
나주시	272.5	279.2	290.6	308.1	314.8	320.0	322.3	326.7	347.4	284.9	311.4	337.0
		+6.7	+18.1	+35.6	+42.3	+47.5	+49.8	+54.2	+74.9	+12.4	+38.9	+64.5
담양군	266.3	275.4	286.4	301.2	309.8	314.5	315.3	321.7	338.9	280.9	305.5	330.3
		+9.1	+20.1	+34.9	+43.5	+48.2	+49.0	+55.4	+72.6	+14.6	+39.2	+64.0
목포시	281.5	289.9	301.6	320.2	324.8	329.2	335.7	343.2	358.0	295.8	322.5	350.6
		+8.4	+20.1	+38.7	+43.3	+47.7	+54.2	+61.7	+76.5	+14.3	+41.0	+69.1
무안군	278.1	285.9	297.1	317.3	322.4	326.7	332.2	339.2	356.3	291.5	319.8	347.8
		+7.8	+19.0	+39.2	+44.3	+48.6	+54.1	+61.1	+78.2	+13.4	+41.7	+69.7
보성군	270.3	279.3	289.9	306.1	313.4	317.8	320.4	325.4	343.6	284.6	309.8	334.5
		+9.0	+19.6	+35.8	+43.1	+47.5	+50.1	+55.1	+73.3	+14.3	+39.5	+64.2
순천시	286.2	294.1	304.1	318.8	325.7	328.0	333.5	337.8	352.3	299.1	322.2	345.0
		+7.9	+17.9	+32.6	+39.5	+41.8	+47.3	+51.6	+66.1	+12.9	+36.0	+58.8
신안군	287.8	298.8	313.6	329.2	334.7	336.7	345.5	355.4	361.5	306.2	332.0	358.5
		+11.0	+25.8	+41.4	+46.9	+48.9	+57.7	+67.6	+73.7	+18.4	+44.2	+70.7
여수시	301.2	311.7	321.0	333.5	338.4	337.7	344.9	351.6	359.8	316.3	336.0	355.7
		+10.5	+19.8	+32.3	+37.2	+36.5	+43.7	+50.4	+58.6	+15.1	+34.8	+54.5
영광군	273.7	280.6	290.4	310.7	316.9	322.6	325.1	332.6	351.4	285.5	313.8	342.0
		+6.9	+16.7	+37.0	+43.2	+48.9	+51.4	+58.9	+77.7	+11.8	+40.1	+68.3
영암군	274.2	281.7	292.7	311.9	318.6	323.0	326.2	330.0	351.5	287.2	315.2	340.8
		+7.5	+18.5	+37.7	+44.4	+48.8	+52.0	+55.8	+77.3	+13.0	+41.0	+66.6
완도군	298.3	309.4	317.7	332.7	338.0	338.7	346.2	354.5	361.3	313.6	335.4	357.9
		+11.1	+19.4	+34.4	+39.7	+40.4	+47.9	+56.2	+63.0	+15.3	+37.1	+59.6
장성군	267.5	275.7	286.3	302.7	310.4	315.5	316.2	322.7	340.7	281.0	306.5	331.7
		+8.2	+18.8	+35.2	+42.9	+48.0	+48.7	+55.2	+73.2	+13.5	+39.0	+64.2
장흥군	274.8	284.3	293.9	311.3	316.9	321.3	324.9	331.3	348.1	289.1	314.1	339.7
		+9.5	+19.1	+36.5	+42.1	+46.5	+50.1	+56.5	+73.3	+14.3	+39.3	+64.9
진도군	285.6	296.6	308.1	326.2	331.3	333.3	342.1	350.1	360.0	302.4	328.7	355.1
		+11.0	+22.5	+40.6	+45.7	+47.7	+56.5	+64.5	+74.4	+16.8	+43.1	+69.5
함평군	272.4	279.9	290.3	310.2	316.4	321.0	323.8	329.3	350.2	285.1	313.3	339.8
		+7.5	+17.9	+37.8	+44.0	+48.6	+51.4	+56.9	+77.8	+12.7	+40.9	+67.4
해남군	281.6	289.0	300.2	319.2	324.3	328.2	334.4	339.5	356.4	294.6	321.8	348.0
		+7.4	+18.6	+37.6	+42.7	+46.6	+52.8	+57.9	+74.8	+13.0	+40.2	+66.4
화순군	266.9	276.3	286.6	302.2	310.5	315.5	316.5	321.5	340.1	281.4	306.3	330.8
		+9.4	+19.7	+35.3	+43.6	+48.6	+49.6	+54.6	+73.2	+14.5	+39.4	+63.9

표 4-68. 전라남도의 식물성장가능기간 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	279.0	295.3	306.2	312.1	317.9	333.5	332.4	347.7	352.0	300.8	315.0	349.8
		+16.3	+27.2	+33.1	+38.9	+54.5	+53.4	+68.7	+73.0	+21.8	+36.0	+70.8
강진군	280.4	296.1	306.3	312.4	320.2	333.8	333.6	349.7	353.5	301.2	316.3	351.6
		+15.7	+25.9	+32.0	+39.8	+53.4	+53.2	+69.3	+73.1	+20.8	+35.9	+71.2
고흥군	294.9	309.1	323.5	326.0	332.0	345.2	343.5	356.4	360.3	316.3	329.0	358.3
		+14.2	+28.6	+31.1	+37.1	+50.3	+48.6	+61.5	+65.4	+21.4	+34.1	+63.4
곡성군	263.8	280.7	287.0	295.8	295.8	316.3	315.6	331.5	337.8	283.8	295.8	334.7
		+16.9	+23.2	+32.0	+32.0	+52.5	+51.8	+67.7	+74.0	+20.0	+32.0	+70.9
광양시	292.0	307.3	320.9	323.4	327.5	343.6	341.4	352.7	357.8	314.1	325.5	355.2
		+15.3	+28.9	+31.4	+35.5	+51.6	+49.4	+60.7	+65.8	+22.1	+33.5	+63.2
구례군	269.4	286.8	293.5	301.1	302.6	322.8	323.0	335.5	342.7	290.2	301.8	339.1
		+17.4	+24.1	+31.7	+33.2	+53.4	+53.6	+66.1	+73.3	+20.8	+32.4	+69.7
나주시	272.5	289.3	295.2	304.5	311.5	327.3	325.5	342.6	346.9	292.2	308.0	344.8
		+16.8	+22.7	+32.0	+39.0	+54.8	+53.0	+70.1	+74.4	+19.7	+35.5	+72.3
담양군	266.3	283.3	290.2	297.7	301.4	320.4	319.1	335.0	340.5	286.7	299.5	337.7
		+17.0	+23.9	+31.4	+35.1	+54.1	+52.8	+68.7	+74.2	+20.4	+33.2	+71.4
목포시	281.5	298.4	312.0	316.7	324.2	338.8	338.6	355.5	358.0	305.2	320.5	356.7
		+16.9	+30.5	+35.2	+42.7	+57.3	+57.1	+74.0	+76.5	+23.7	+39.0	+75.2
무안군	278.1	294.8	307.8	312.6	321.5	335.7	335.6	352.3	356.3	301.3	317.1	354.3
		+16.7	+29.7	+34.5	+43.4	+57.6	+57.5	+74.2	+78.2	+23.2	+39.0	+76.2
보성군	270.3	286.3	293.4	302.4	306.0	323.5	322.8	338.8	344.8	289.9	304.2	341.8
		+16.0	+23.1	+32.1	+35.7	+53.2	+52.5	+68.5	+74.5	+19.6	+33.9	+71.5
순천시	286.2	301.0	312.5	317.4	321.0	337.5	335.6	348.9	353.9	306.7	319.2	351.4
		+14.8	+26.3	+31.2	+34.8	+51.3	+49.4	+62.7	+67.7	+20.5	+33.0	+65.2
신안군	287.8	306.4	325.2	327.3	334.8	348.3	348.9	361.4	363.8	315.8	331.0	362.6
		+18.6	+37.4	+39.5	+47.0	+60.5	+61.1	+73.6	+76.0	+28.0	+43.2	+74.8
여수시	301.2	315.4	332.4	333.5	338.0	350.7	347.1	359.3	362.0	323.9	335.7	360.6
		+14.2	+31.2	+32.3	+36.8	+49.5	+45.9	+58.1	+60.8	+22.7	+34.5	+59.4
영광군	273.7	288.4	298.9	305.8	313.9	330.2	329.7	346.4	350.9	293.6	309.8	348.7
		+14.7	+25.2	+32.1	+40.2	+56.5	+56.0	+72.7	+77.2	+19.9	+36.1	+75.0
영암군	274.2	291.6	300.2	307.9	316.0	330.8	329.3	346.4	350.6	295.9	311.9	348.5
		+17.4	+26.0	+33.7	+41.8	+56.6	+55.1	+72.2	+76.4	+21.7	+37.7	+74.3
완도군	298.3	313.5	331.7	333.5	339.5	351.0	349.1	361.8	363.3	322.6	336.5	362.6
		+15.2	+33.4	+35.2	+41.2	+52.7	+50.8	+63.5	+65.0	+24.3	+38.2	+64.3
장성군	267.5	283.6	290.5	298.7	304.6	321.0	319.6	337.1	341.9	287.0	301.6	339.5
		+16.1	+23.0	+31.2	+37.1	+53.5	+52.1	+69.6	+74.4	+19.5	+34.1	+72.0
장흥군	274.8	291.4	301.0	308.3	314.6	328.3	328.3	343.5	349.2	296.2	311.5	346.3
		+16.6	+26.2	+33.5	+39.8	+53.5	+53.5	+68.7	+74.4	+21.4	+36.7	+71.5
진도군	285.6	302.8	318.9	322.9	330.5	344.0	344.0	359.1	361.8	310.9	326.7	360.5
		+17.2	+33.3	+37.3	+44.9	+58.4	+58.4	+73.5	+76.2	+25.3	+41.1	+74.9
함평군	272.4	288.6	296.9	305.1	313.2	328.9	327.6	345.2	349.8	292.7	309.2	347.5
		+16.2	+24.5	+32.7	+40.8	+56.5	+55.2	+72.8	+77.4	+20.3	+36.8	+75.1
해남군	281.6	297.7	309.0	314.9	323.5	336.8	336.5	353.7	356.5	303.3	319.2	355.1
		+16.1	+27.4	+33.3	+41.9	+55.2	+54.9	+72.1	+74.9	+21.7	+37.6	+73.5
화순군	266.9	283.5	289.9	299.1	301.6	320.8	318.9	335.5	340.6	286.7	300.4	338.0
		+16.6	+23.0	+32.2	+34.7	+53.9	+52.0	+68.6	+73.7	+19.8	+33.5	+71.1

2) 저온 극한기후지수

겨울철 최고기온 관련 지수

● SSP 시나리오에 따른 전라남도 결빙일수는 현재(2000-2019년, 3.8일) 대비 21세기 중반기에 0.9~3.1일, 21세기 후반기에 2.5~3.8일 감소하고, 일최고기온 연최소는 현재(-2.1℃) 대비 21세기 중반기에 1.3~3.1℃, 21세기 후반기에 2.2~7.2℃ 증가할 것으로 전망됨.

- SSP1-2.6 시나리오에서 전라남도 결빙일수는 현재 대비 21세기 중/후반기에 0.9일, 2.5일 감소하고, 일최고기온 연최소는 21세기 중/후반기에 1.3℃, 2.2℃ 증가할 것으로 전망됨.
- SSP2-4.5 시나리오에서 전라남도 결빙일수는 현재 대비 21세기 중/후반기에 2.7일, 3.6일 감소하고, 일최고기온 연최소는 21세기 중/후반기에 2.3℃, 4.4℃ 증가할 것으로 전망됨.
- SSP3-7.0 시나리오에서 전라남도 결빙일수는 현재 대비 21세기 중/후반기에 3.1일, 3.8일 감소하고, 일최고기온 연최소는 21세기 중/후반기에 3.1℃, 6.0℃ 증가할 것으로 전망됨.
- SSP5-8.5 시나리오에서 전라남도 결빙일수는 현재 대비 21세기 중/후반기에 2.9일, 3.8일 감소하고, 일최고기온 연최소는 21세기 중/후반기에 2.7℃, 7.2℃ 증가할 것으로 전망됨.

● SSP5-8.5 시나리오에서 현재 대비 21세기 후반기 전라남도 결빙일수 감소폭(-3.8일)은 SSP1-2.6 시나리오에서의 감소폭(-2.5일) 보다 1.3일 크게 나타나며, SSP5-8.5 시나리오에서 21세기 후반기 일최고기온 연최소 증가폭(+7.2℃)은 SSP1-2.6 시나리오에서의 증가폭(+2.2℃) 보다 5.0℃ 크게 나타남.

- SSP5-8.5에서 21세기 후반기 전라남도 내 결빙일수 감소폭이 가장 큰 지역은 장성군(-6.8일)이며 가장 작은 지역은 고흥군(-1.5일)로 나타남.
- SSP5-8.5에서 21세기 후반기 전라남도 내 일최고기온 연최소 증가폭이 가장 큰 지역은 영광군(+7.7℃)이며 가장 작은 지역은 구례군(+6.8℃)로 나타남.

겨울철 최저기온 관련 지수

● SSP 시나리오에 따른 전라남도 한파일수는 현재(2000-2019년, 0.6일) 대비 21세기 중반기에 0.2~0.5일, 21세기 후반기에 0.5~0.6일 감소하고, 일최저기온 연최소는 현재(-9.8℃) 대비 21세기 중반기에 0.9~2.9℃, 21세기 후반기에 2.3~6.5℃ 증가할 것으로 전망됨.

- SSP1-2.6 시나리오에서 전라남도 한파일수는 현재 대비 21세기 중/후반기에 0.2일, 0.5일 감소하고, 일최저기온 연최소는 21세기 중/후반기에 0.9℃, 2.3℃ 증가할 것으로 전망됨.
- SSP2-4.5 시나리오에서 전라남도 한파일수는 현재 대비 21세기 중/후반기에 0.5일, 0.6일 감소하고, 일최저기온 연최소는 21세기 중/후반기에 2.0℃, 4.0℃ 증가할 것으로 전망됨.
- SSP3-7.0 시나리오에서 전라남도 한파일수는 현재 대비 21세기 중/후반기에 0.5일, 0.6일 감소하고, 일최저기온 연최소는 21세기 중/후반기에 2.9℃, 5.8℃ 증가할 것으로 전망됨.
- SSP5-8.5 시나리오에서 전라남도 한파일수는 현재 대비 21세기 중/후반기에 0.5일, 0.6일 감소하고, 일최저기온 연최소는 21세기 중/후반기에 2.6℃, 6.5℃ 증가할 것으로 전망됨.

- SSP5-8.5 시나리오에서 현재 대비 21세기 후반기 전라남도 한파일수 감소폭(-0.6일)은 SSP1-2.6 시나리오에서의 감소폭(-0.5일) 보다 0.1일 크게 나타나며, SSP5-8.5 시나리오에서 21세기 후반기 일최저기온 연최소 증가폭(+6.5℃)은 SSP1-2.6 시나리오에서의 증가폭(+2.3℃) 보다 4.2℃ 크게 나타남.
  - SSP5-8.5에서 21세기 후반기 전라남도 내 한파일수 감소폭이 가장 큰 지역은 곡성군(-2.5일)이며 가장 작은 지역은 고흥군/목포시/신안군/여수시/완도군/진도군(+0.0일)로 나타남.
  - SSP5-8.5에서 21세기 후반기 전라남도 내 일최저기온 연최소 증가폭이 가장 큰 지역은 영광군(+7.6℃)이며 가장 작은 지역은 순천시(+5.7℃)로 나타남.

그림 4-27. 전라남도의 한파일수(일) 전망 분포도

표 4-69. 전라남도의 한파일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	0.6	0.6	0.3	0.4	0.4	0.4	0.2	0.1	0.2	0.5	0.4	0.1
		+0.0	-0.3	-0.2	-0.2	-0.2	-0.4	-0.5	-0.4	-0.1	-0.2	-0.5
강진군	0.2	0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.0
		+0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	+0.0	-0.1	-0.2
고흥군	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		+0.2	+0.0	+0.0	+0.1	+0.0	+0.0	+0.0	+0.0	+0.1	+0.0	+0.0
곡성군	2.5	2.3	1.3	1.9	1.6	1.3	1.0	0.5	0.6	1.8	1.8	0.5
		-0.2	-1.2	-0.6	-0.9	-1.2	-1.5	-2.0	-1.9	-0.7	-0.7	-2.0
광양시	0.1	0.3	0.1	0.2	0.2	0.1	0.1	0.0	0.1	0.2	0.2	0.0
		+0.2	+0.0	+0.1	+0.1	+0.0	+0.0	-0.1	+0.0	+0.1	+0.1	-0.1
구례군	1.2	1.9	1.0	1.6	1.5	1.1	0.8	0.4	0.5	1.5	1.5	0.4
		+0.7	-0.2	+0.4	+0.3	-0.1	-0.4	-0.8	-0.7	+0.3	+0.3	-0.8
나주시	0.9	0.6	0.4	0.4	0.4	0.4	0.2	0.0	0.2	0.5	0.4	0.1
		-0.3	-0.5	-0.5	-0.5	-0.5	-0.7	-0.9	-0.7	-0.4	-0.5	-0.8
담양군	2.0	1.6	0.8	1.3	1.0	1.1	0.6	0.2	0.4	1.2	1.1	0.3
		-0.4	-1.2	-0.7	-1.0	-0.9	-1.4	-1.8	-1.6	-0.8	-0.9	-1.7
목포시	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		+0.1	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.1	+0.0	+0.0
무안군	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		+0.0	+0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	+0.0	-0.1	-0.1
보성군	0.9	1.1	0.6	0.8	0.7	0.5	0.5	0.2	0.3	0.9	0.7	0.2
		+0.2	-0.3	-0.1	-0.2	-0.4	-0.4	-0.7	-0.6	+0.0	-0.2	-0.7
순천시	0.3	0.6	0.3	0.4	0.4	0.3	0.2	0.1	0.1	0.5	0.4	0.1
		+0.3	+0.0	+0.1	+0.1	+0.0	-0.1	-0.2	-0.2	+0.2	+0.1	-0.2
신안군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
여수시	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.1	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
영광군	0.6	0.3	0.1	0.2	0.2	0.2	0.0	0.0	0.1	0.2	0.2	0.1
		-0.3	-0.5	-0.4	-0.4	-0.4	-0.6	-0.6	-0.5	-0.4	-0.4	-0.5
영암군	0.4	0.4	0.2	0.2	0.3	0.1	0.0	0.0	0.1	0.3	0.2	0.1
		+0.0	-0.2	-0.2	-0.1	-0.3	-0.4	-0.4	-0.3	-0.1	-0.2	-0.3
완도군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
장성군	1.6	1.1	0.6	0.9	0.8	0.9	0.4	0.1	0.4	0.8	0.8	0.2
		-0.5	-1.0	-0.7	-0.8	-0.7	-1.2	-1.5	-1.2	-0.8	-0.8	-1.4
장흥군	0.7	0.7	0.4	0.5	0.5	0.4	0.3	0.1	0.2	0.6	0.5	0.2
		+0.0	-0.3	-0.2	-0.2	-0.3	-0.4	-0.6	-0.5	-0.1	-0.2	-0.5
진도군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
함평군	0.7	0.4	0.2	0.3	0.2	0.3	0.1	0.0	0.1	0.3	0.3	0.1
		-0.3	-0.5	-0.4	-0.5	-0.4	-0.6	-0.7	-0.6	-0.4	-0.4	-0.6
해남군	0.2	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		+0.0	-0.1	-0.2	-0.1	-0.2	-0.2	-0.2	-0.2	-0.1	-0.2	-0.2
화순군	1.6	1.3	0.7	1.0	0.9	0.8	0.5	0.2	0.4	1.0	0.9	0.3
		-0.3	-0.9	-0.6	-0.7	-0.8	-1.1	-1.4	-1.2	-0.6	-0.7	-1.3

표 4-70. 전라남도의 한파일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	0.6	0.5	0.5	0.1	0.2	0.1	0.1	0.0	0.0	0.5	0.1	0.0
		-0.1	-0.1	-0.5	-0.4	-0.5	-0.5	-0.6	-0.6	-0.1	-0.5	-0.6
강진군	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
		+0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	+0.0	-0.2	-0.2
고흥군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
곡성군	2.5	2.0	2.1	0.6	0.8	0.3	0.3	0.0	0.1	2.0	0.7	0.1
		-0.5	-0.4	-1.9	-1.7	-2.2	-2.2	-2.5	-2.4	-0.5	-1.8	-2.4
광양시	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0
		+0.1	+0.1	+0.0	+0.0	-0.1	-0.1	-0.1	-0.1	+0.1	+0.0	-0.1
구례군	1.2	1.7	1.9	0.5	0.6	0.3	0.2	0.1	0.1	1.8	0.6	0.1
		+0.5	+0.7	-0.7	-0.6	-0.9	-1.0	-1.1	-1.1	+0.6	-0.6	-1.1
나주시	0.9	0.6	0.5	0.1	0.1	0.1	0.1	0.0	0.0	0.5	0.1	0.0
		-0.3	-0.4	-0.8	-0.8	-0.8	-0.8	-0.9	-0.9	-0.4	-0.8	-0.9
담양군	2.0	1.4	1.3	0.3	0.5	0.2	0.3	0.0	0.0	1.4	0.4	0.0
		-0.6	-0.7	-1.7	-1.5	-1.8	-1.7	-2.0	-2.0	-0.6	-1.6	-2.0
목포시	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
무안군	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		+0.0	+0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	+0.0	-0.1	-0.1
보성군	0.9	1.0	1.0	0.2	0.3	0.1	0.1	0.0	0.0	1.0	0.3	0.0
		+0.1	+0.1	-0.7	-0.6	-0.8	-0.8	-0.9	-0.9	+0.1	-0.6	-0.9
순천시	0.3	0.4	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.4	0.1	0.0
		+0.1	+0.2	-0.2	-0.2	-0.2	-0.3	-0.3	-0.3	+0.1	-0.2	-0.3
신안군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
여수시	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
영광군	0.6	0.3	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0
		-0.3	-0.4	-0.6	-0.5	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6
영암군	0.4	0.3	0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.2	0.0	0.0
		-0.1	-0.2	-0.4	-0.3	-0.3	-0.4	-0.4	-0.4	-0.2	-0.4	-0.4
완도군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
장성군	1.6	1.0	1.0	0.2	0.3	0.2	0.2	0.0	0.0	1.0	0.3	0.0
		-0.6	-0.6	-1.4	-1.3	-1.4	-1.4	-1.6	-1.6	-0.6	-1.3	-1.6
장흥군	0.7	0.7	0.7	0.2	0.2	0.1	0.1	0.0	0.0	0.7	0.2	0.0
		+0.0	+0.0	-0.5	-0.5	-0.6	-0.6	-0.7	-0.7	+0.0	-0.5	-0.7
진도군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
함평군	0.7	0.4	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.0	0.0
		-0.3	-0.4	-0.7	-0.6	-0.6	-0.7	-0.7	-0.7	-0.4	-0.7	-0.7
해남군	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
화순군	1.6	1.2	1.2	0.3	0.4	0.2	0.1	0.0	0.0	1.2	0.3	0.0
		-0.4	-0.4	-1.3	-1.2	-1.4	-1.5	-1.6	-1.6	-0.4	-1.3	-1.6

표 4-71. 전라남도의 한파일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	0.6	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
		-0.3	-0.4	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.4	-0.5	-0.6
강진군	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
고흥군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
곡성군	2.5	1.5	0.9	0.5	0.1	0.1	0.0	0.0	0.0	1.2	0.3	0.0
		-1.0	-1.6	-2.0	-2.4	-2.4	-2.5	-2.5	-2.5	-1.3	-2.2	-2.5
광양시	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		+0.0	+0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	+0.0	-0.1	-0.1
구례군	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.9	0.3	0.0
		-0.2	-0.5	-0.8	-1.1	-1.2	-1.2	-1.2	-1.2	-0.3	-0.9	-1.2
나주시	0.9	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
		-0.6	-0.7	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-0.7	-0.9	-0.9
담양군	2.0	0.8	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.7	0.1	0.0
		-1.2	-1.5	-1.8	-1.9	-2.0	-2.0	-2.0	-2.0	-1.3	-1.9	-2.0
목포시	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
무안군	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
보성군	0.9	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0
		-0.4	-0.6	-0.7	-0.9	-0.9	-0.9	-0.9	-0.9	-0.5	-0.8	-0.9
순천시	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
		+0.0	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.1	-0.3	-0.3
신안군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
여수시	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
영광군	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5	-0.6	-0.6
영암군	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		-0.3	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4	-0.4
완도군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
장성군	1.6	0.6	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.4	0.1	0.0
		-1.0	-1.3	-1.4	-1.5	-1.6	-1.6	-1.6	-1.6	-1.2	-1.5	-1.6
장흥군	0.7	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0
		-0.2	-0.5	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.3	-0.6	-0.7
진도군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
함평군	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		-0.5	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.6	-0.7	-0.7
해남군	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
화순군	1.6	0.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.5	0.1	0.0
		-0.9	-1.2	-1.4	-1.5	-1.6	-1.6	-1.6	-1.6	-1.1	-1.5	-1.6

표 4-72. 전라남도의 한파일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	0.6	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0
		-0.3	-0.4	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.4	-0.5	-0.6
강진군	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	-0.2	-0.2
고흥군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
곡성군	2.5	1.0	1.0	0.6	0.4	0.0	0.0	0.0	0.0	1.0	0.5	0.0
		-1.5	-1.5	-1.9	-2.1	-2.5	-2.5	-2.5	-2.5	-1.5	-2.0	-2.5
광양시	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		+0.0	+0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	+0.0	-0.1	-0.1
구례군	1.2	1.0	0.9	0.4	0.3	0.0	0.0	0.0	0.0	0.9	0.4	0.0
		-0.2	-0.3	-0.8	-0.9	-1.2	-1.2	-1.2	-1.2	-0.3	-0.8	-1.2
나주시	0.9	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0
		-0.7	-0.7	-0.8	-0.8	-0.9	-0.9	-0.9	-0.9	-0.7	-0.8	-0.9
담양군	2.0	0.7	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.7	0.2	0.0
		-1.3	-1.3	-1.7	-1.8	-2.0	-2.0	-2.0	-2.0	-1.3	-1.8	-2.0
목포시	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
무안군	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
보성군	0.9	0.5	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.5	0.1	0.0
		-0.4	-0.5	-0.7	-0.8	-0.9	-0.9	-0.9	-0.9	-0.4	-0.8	-0.9
순천시	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0
		-0.1	-0.1	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.1	-0.2	-0.3
신안군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
여수시	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
영광군	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5	-0.6	-0.6
영암군	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		-0.3	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4	-0.4
완도군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
장성군	1.6	0.4	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.4	0.1	0.0
		-1.2	-1.1	-1.4	-1.5	-1.6	-1.6	-1.6	-1.6	-1.2	-1.5	-1.6
장흥군	0.7	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.1	0.0
		-0.4	-0.4	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	-0.4	-0.6	-0.7
진도군	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
함평군	0.7	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.6	-0.7	-0.7
해남군	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
화순군	1.6	0.6	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.6	0.2	0.0
		-1.0	-1.1	-1.3	-1.4	-1.6	-1.6	-1.6	-1.6	-1.0	-1.4	-1.6

그림 4-28. 전라남도의 결빙일수(일) 전망 분포도

표 4-73. 전라남도의 결빙일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	3.8	2.8	2.4	3.0	2.8	1.9	1.6	1.3	1.4	2.6	2.9	1.3
		-1.0	-1.4	-0.8	-1.0	-1.9	-2.2	-2.5	-2.4	-1.2	-0.9	-2.5
강진군	3.1	2.3	2.1	2.4	2.3	1.4	1.3	0.9	1.2	2.2	2.3	1.0
		-0.8	-1.0	-0.7	-0.8	-1.7	-1.8	-2.2	-1.9	-0.9	-0.8	-2.1
고흥군	1.5	1.4	1.4	1.3	1.3	0.8	0.7	0.5	0.6	1.4	1.3	0.6
		-0.1	-0.1	-0.2	-0.2	-0.7	-0.8	-1.0	-0.9	-0.1	-0.2	-0.9
곡성군	5.7	5.2	4.3	5.7	5.6	4.2	3.3	2.9	2.8	4.8	5.6	2.8
		-0.5	-1.4	+0.0	-0.1	-1.5	-2.4	-2.8	-2.9	-0.9	-0.1	-2.9
광양시	2.2	2.1	2.0	2.1	2.1	1.4	1.0	1.1	1.1	2.0	2.1	1.1
		-0.1	-0.2	-0.1	-0.1	-0.8	-1.2	-1.1	-1.1	-0.2	-0.1	-1.1
구례군	4.0	4.2	3.7	4.4	4.5	3.2	2.6	2.4	2.2	4.0	4.4	2.3
		+0.2	-0.3	+0.4	+0.5	-0.8	-1.4	-1.6	-1.8	+0.0	+0.4	-1.7
나주시	4.2	3.2	2.9	3.4	3.3	2.1	1.9	1.3	1.6	3.1	3.4	1.5
		-1.0	-1.3	-0.8	-0.9	-2.1	-2.3	-2.9	-2.6	-1.1	-0.8	-2.7
담양군	6.6	5.4	4.4	5.6	5.7	4.2	3.5	2.9	2.9	4.9	5.7	2.9
		-1.2	-2.2	-1.0	-0.9	-2.4	-3.1	-3.7	-3.7	-1.7	-0.9	-3.7
목포시	3.2	1.6	1.4	2.0	1.6	0.9	0.9	0.6	0.7	1.5	1.8	0.6
		-1.6	-1.8	-1.2	-1.6	-2.3	-2.3	-2.6	-2.5	-1.7	-1.4	-2.6
무안군	3.9	2.2	1.8	2.4	2.1	1.3	1.2	0.7	1.0	2.0	2.3	0.8
		-1.7	-2.1	-1.5	-1.8	-2.6	-2.7	-3.2	-2.9	-1.9	-1.6	-3.1
보성군	3.8	3.2	3.0	3.4	3.4	2.3	1.9	1.5	1.7	3.1	3.4	1.6
		-0.6	-0.8	-0.4	-0.4	-1.5	-1.9	-2.3	-2.1	-0.7	-0.4	-2.2
순천시	2.9	2.7	2.5	2.7	2.7	1.9	1.5	1.3	1.3	2.6	2.7	1.3
		-0.2	-0.4	-0.2	-0.2	-1.0	-1.4	-1.6	-1.6	-0.3	-0.2	-1.6
신안군	2.9	1.2	0.9	1.1	1.0	0.7	0.5	0.3	0.4	1.0	1.0	0.4
		-1.7	-2.0	-1.8	-1.9	-2.2	-2.4	-2.6	-2.5	-1.9	-1.9	-2.5
여수시	1.7	1.8	1.6	1.7	1.6	1.0	0.8	0.7	0.8	1.7	1.6	0.8
		+0.1	-0.1	+0.0	-0.1	-0.7	-0.9	-1.0	-0.9	+0.0	-0.1	-0.9
영광군	5.9	3.2	2.4	3.2	2.9	1.8	1.7	1.0	1.5	2.8	3.0	1.3
		-2.7	-3.5	-2.7	-3.0	-4.1	-4.2	-4.9	-4.4	-3.1	-2.9	-4.6
영암군	3.4	2.4	2.2	2.6	2.4	1.5	1.3	0.9	1.2	2.3	2.5	1.1
		-1.0	-1.2	-0.8	-1.0	-1.9	-2.1	-2.5	-2.2	-1.1	-0.9	-2.3
완도군	1.7	0.9	0.8	0.9	0.8	0.4	0.4	0.3	0.3	0.9	0.8	0.3
		-0.8	-0.9	-0.8	-0.9	-1.3	-1.3	-1.4	-1.4	-0.8	-0.9	-1.4
장성군	6.8	5.3	4.3	5.5	5.6	3.9	3.4	2.6	2.8	4.8	5.5	2.7
		-1.5	-2.5	-1.3	-1.2	-2.9	-3.4	-4.2	-4.0	-2.0	-1.3	-4.1
장흥군	4.0	2.8	2.6	3.0	2.9	1.8	1.7	1.3	1.5	2.7	2.9	1.4
		-1.2	-1.4	-1.0	-1.1	-2.2	-2.3	-2.7	-2.5	-1.3	-1.1	-2.6
진도군	2.6	1.3	1.0	1.3	1.1	0.7	0.5	0.4	0.5	1.1	1.2	0.5
		-1.3	-1.6	-1.3	-1.5	-1.9	-2.1	-2.2	-2.1	-1.5	-1.4	-2.1
함평군	4.9	3.4	2.8	3.5	3.1	2.1	2.0	1.3	1.6	3.1	3.3	1.5
		-1.5	-2.1	-1.4	-1.8	-2.8	-2.9	-3.6	-3.3	-1.8	-1.6	-3.4
해남군	2.7	1.8	1.5	1.9	1.6	1.0	0.9	0.6	0.9	1.7	1.8	0.7
		-0.9	-1.2	-0.8	-1.1	-1.7	-1.8	-2.1	-1.8	-1.0	-0.9	-2.0
화순군	5.9	4.7	4.1	5.0	5.0	3.6	3.0	2.4	2.6	4.4	5.0	2.5
		-1.2	-1.8	-0.9	-0.9	-2.3	-2.9	-3.5	-3.3	-1.5	-0.9	-3.4

표 4-74. 전라남도의 결빙일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	3.8	2.9	3.2	1.1	1.2	1.0	0.9	0.3	0.2	3.1	1.1	0.2
		-0.9	-0.6	-2.7	-2.6	-2.8	-2.9	-3.5	-3.6	-0.7	-2.7	-3.6
강진군	3.1	2.5	2.5	0.7	1.0	0.8	0.6	0.2	0.0	2.5	0.8	0.1
		-0.6	-0.6	-2.4	-2.1	-2.3	-2.5	-2.9	-3.1	-0.6	-2.3	-3.0
고흥군	1.5	1.6	1.4	0.4	0.5	0.3	0.2	0.1	0.0	1.5	0.4	0.0
		+0.1	-0.1	-1.1	-1.0	-1.2	-1.3	-1.4	-1.5	+0.0	-1.1	-1.5
곡성군	5.7	5.4	6.3	2.6	2.5	2.1	2.3	0.7	0.5	5.9	2.5	0.6
		-0.3	+0.6	-3.1	-3.2	-3.6	-3.4	-5.0	-5.2	+0.2	-3.2	-5.1
광양시	2.2	2.5	2.3	0.7	0.9	0.7	0.6	0.1	0.1	2.4	0.8	0.1
		+0.3	+0.1	-1.5	-1.3	-1.5	-1.6	-2.1	-2.1	+0.2	-1.4	-2.1
구례군	4.0	4.6	4.8	2.0	2.0	1.6	1.7	0.4	0.4	4.7	2.0	0.4
		+0.6	+0.8	-2.0	-2.0	-2.4	-2.3	-3.6	-3.6	+0.7	-2.0	-3.6
나주시	4.2	3.3	3.7	1.1	1.3	1.2	1.0	0.2	0.1	3.5	1.2	0.2
		-0.9	-0.5	-3.1	-2.9	-3.0	-3.2	-4.0	-4.1	-0.7	-3.0	-4.0
담양군	6.6	5.4	6.8	2.5	2.6	2.1	2.3	0.7	0.5	6.1	2.6	0.6
		-1.2	+0.2	-4.1	-4.0	-4.5	-4.3	-5.9	-6.1	-0.5	-4.0	-6.0
목포시	3.2	1.7	1.5	0.4	0.8	0.4	0.3	0.1	0.0	1.6	0.6	0.0
		-1.5	-1.7	-2.8	-2.4	-2.8	-2.9	-3.1	-3.2	-1.6	-2.6	-3.2
무안군	3.9	2.1	2.3	0.6	1.0	0.7	0.5	0.2	0.0	2.2	0.8	0.1
		-1.8	-1.6	-3.3	-2.9	-3.2	-3.4	-3.7	-3.9	-1.7	-3.1	-3.8
보성군	3.8	3.4	3.8	1.3	1.4	1.3	1.1	0.3	0.2	3.6	1.4	0.2
		-0.4	+0.0	-2.5	-2.4	-2.5	-2.7	-3.5	-3.6	-0.2	-2.4	-3.6
순천시	2.9	3.0	3.0	1.0	1.2	1.0	0.9	0.2	0.1	3.0	1.1	0.2
		+0.1	+0.1	-1.9	-1.7	-1.9	-2.0	-2.7	-2.8	+0.1	-1.8	-2.7
신안군	2.9	1.2	1.0	0.2	0.4	0.3	0.1	0.0	0.0	1.1	0.3	0.0
		-1.7	-1.9	-2.7	-2.5	-2.6	-2.8	-2.9	-2.9	-1.8	-2.6	-2.9
여수시	1.7	2.0	1.7	0.5	0.7	0.5	0.3	0.1	0.0	1.9	0.6	0.0
		+0.3	+0.0	-1.2	-1.0	-1.2	-1.4	-1.6	-1.7	+0.2	-1.1	-1.7
영광군	5.9	3.0	3.6	0.9	1.3	1.0	0.7	0.2	0.1	3.3	1.1	0.1
		-2.9	-2.3	-5.0	-4.6	-4.9	-5.2	-5.7	-5.8	-2.6	-4.8	-5.8
영암군	3.4	2.6	2.6	0.7	1.0	0.9	0.6	0.1	0.0	2.6	0.9	0.1
		-0.8	-0.8	-2.7	-2.4	-2.5	-2.8	-3.3	-3.4	-0.8	-2.5	-3.3
완도군	1.7	1.1	0.7	0.2	0.3	0.2	0.1	0.0	0.0	0.9	0.2	0.0
		-0.6	-1.0	-1.5	-1.4	-1.5	-1.6	-1.7	-1.7	-0.8	-1.5	-1.7
장성군	6.8	5.2	6.7	2.3	2.5	2.0	2.0	0.7	0.5	6.0	2.4	0.6
		-1.6	-0.1	-4.5	-4.3	-4.8	-4.8	-6.1	-6.3	-0.8	-4.4	-6.2
장흥군	4.0	2.9	3.3	1.0	1.3	1.0	0.9	0.2	0.2	3.1	1.1	0.2
		-1.1	-0.7	-3.0	-2.7	-3.0	-3.1	-3.8	-3.8	-0.9	-2.9	-3.8
진도군	2.6	1.2	1.1	0.2	0.6	0.3	0.2	0.1	0.0	1.2	0.4	0.0
		-1.4	-1.5	-2.4	-2.0	-2.3	-2.4	-2.5	-2.6	-1.4	-2.2	-2.6
함평군	4.9	3.3	3.8	1.1	1.4	1.2	1.0	0.2	0.2	3.6	1.3	0.2
		-1.6	-1.1	-3.8	-3.5	-3.7	-3.9	-4.7	-4.7	-1.3	-3.6	-4.7
해남군	2.7	1.8	1.6	0.4	0.8	0.5	0.3	0.1	0.0	1.7	0.6	0.0
		-0.9	-1.1	-2.3	-1.9	-2.2	-2.4	-2.6	-2.7	-1.0	-2.1	-2.7
화순군	5.9	4.8	5.7	2.2	2.2	1.9	2.0	0.5	0.4	5.2	2.2	0.5
		-1.1	-0.2	-3.7	-3.7	-4.0	-3.9	-5.4	-5.5	-0.7	-3.7	-5.4

표 4-75. 전라남도의 결빙일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	3.8	2.6	1.7	1.0	0.5	0.1	0.2	0.0	0.0	2.1	0.7	0.0
		-1.2	-2.1	-2.8	-3.3	-3.7	-3.6	-3.8	-3.8	-1.7	-3.1	-3.8
강진군	3.1	2.1	1.2	0.7	0.4	0.0	0.1	0.0	0.0	1.7	0.5	0.0
		-1.0	-1.9	-2.4	-2.7	-3.1	-3.0	-3.1	-3.1	-1.4	-2.6	-3.1
고흥군	1.5	1.2	0.7	0.3	0.2	0.0	0.1	0.0	0.0	0.9	0.2	0.0
		-0.3	-0.8	-1.2	-1.3	-1.5	-1.4	-1.5	-1.5	-0.6	-1.3	-1.5
곡성군	5.7	4.9	3.5	2.0	1.3	0.4	0.7	0.1	0.0	4.2	1.7	0.1
		-0.8	-2.2	-3.7	-4.4	-5.3	-5.0	-5.6	-5.7	-1.5	-4.0	-5.6
광양시	2.2	1.9	1.2	0.6	0.4	0.1	0.1	0.0	0.0	1.5	0.5	0.0
		-0.3	-1.0	-1.6	-1.8	-2.1	-2.1	-2.2	-2.2	-0.7	-1.7	-2.2
구례군	4.0	3.8	2.7	1.4	1.0	0.3	0.5	0.1	0.0	3.3	1.2	0.1
		-0.2	-1.3	-2.6	-3.0	-3.7	-3.5	-3.9	-4.0	-0.7	-2.8	-3.9
나주시	4.2	2.9	2.0	1.1	0.5	0.1	0.3	0.0	0.0	2.4	0.8	0.0
		-1.3	-2.2	-3.1	-3.7	-4.1	-3.9	-4.2	-4.2	-1.8	-3.4	-4.2
담양군	6.6	5.2	3.6	2.1	1.3	0.4	0.8	0.2	0.0	4.4	1.7	0.1
		-1.4	-3.0	-4.5	-5.3	-6.2	-5.8	-6.4	-6.6	-2.2	-4.9	-6.5
목포시	3.2	1.4	0.7	0.6	0.2	0.0	0.1	0.0	0.0	1.1	0.4	0.0
		-1.8	-2.5	-2.6	-3.0	-3.2	-3.1	-3.2	-3.2	-2.1	-2.8	-3.2
무안군	3.9	1.9	1.1	0.8	0.2	0.0	0.1	0.0	0.0	1.5	0.5	0.0
		-2.0	-2.8	-3.1	-3.7	-3.9	-3.8	-3.9	-3.9	-2.4	-3.4	-3.9
보성군	3.8	3.1	2.0	1.1	0.7	0.1	0.3	0.0	0.0	2.6	0.9	0.0
		-0.7	-1.8	-2.7	-3.1	-3.7	-3.5	-3.8	-3.8	-1.2	-2.9	-3.8
순천시	2.9	2.5	1.5	0.8	0.5	0.1	0.2	0.0	0.0	2.0	0.7	0.0
		-0.4	-1.4	-2.1	-2.4	-2.8	-2.7	-2.9	-2.9	-0.9	-2.2	-2.9
신안군	2.9	0.9	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.7	0.2	0.0
		-2.0	-2.4	-2.5	-2.8	-2.9	-2.9	-2.9	-2.9	-2.2	-2.7	-2.9
여수시	1.7	1.5	0.9	0.5	0.2	0.0	0.1	0.0	0.0	1.2	0.4	0.0
		-0.2	-0.8	-1.2	-1.5	-1.7	-1.6	-1.7	-1.7	-0.5	-1.3	-1.7
영광군	5.9	3.0	1.8	1.0	0.4	0.1	0.2	0.0	0.0	2.4	0.7	0.0
		-2.9	-4.1	-4.9	-5.5	-5.8	-5.7	-5.9	-5.9	-3.5	-5.2	-5.9
영암군	3.4	2.1	1.4	0.8	0.3	0.0	0.2	0.0	0.0	1.7	0.6	0.0
		-1.3	-2.0	-2.6	-3.1	-3.4	-3.2	-3.4	-3.4	-1.7	-2.8	-3.4
완도군	1.7	0.8	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.6	0.1	0.0
		-0.9	-1.3	-1.5	-1.6	-1.7	-1.7	-1.7	-1.7	-1.1	-1.6	-1.7
장성군	6.8	5.3	3.4	2.0	1.2	0.4	0.7	0.1	0.0	4.3	1.6	0.1
		-1.5	-3.4	-4.8	-5.6	-6.4	-6.1	-6.7	-6.8	-2.5	-5.2	-6.7
장흥군	4.0	2.6	1.7	0.9	0.6	0.1	0.2	0.0	0.0	2.2	0.7	0.0
		-1.4	-2.3	-3.1	-3.4	-3.9	-3.8	-4.0	-4.0	-1.8	-3.3	-4.0
진도군	2.6	1.0	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.8	0.3	0.0
		-1.6	-2.0	-2.1	-2.4	-2.6	-2.6	-2.6	-2.6	-1.8	-2.3	-2.6
함평군	4.9	3.2	2.0	1.2	0.5	0.1	0.3	0.0	0.0	2.6	0.8	0.0
		-1.7	-2.9	-3.7	-4.4	-4.8	-4.6	-4.9	-4.9	-2.3	-4.1	-4.9
해남군	2.7	1.5	0.8	0.6	0.2	0.0	0.1	0.0	0.0	1.1	0.4	0.0
		-1.2	-1.9	-2.1	-2.5	-2.7	-2.6	-2.7	-2.7	-1.6	-2.3	-2.7
화순군	5.9	4.5	3.2	1.8	1.1	0.4	0.6	0.1	0.0	3.9	1.4	0.1
		-1.4	-2.7	-4.1	-4.8	-5.5	-5.3	-5.8	-5.9	-2.0	-4.5	-5.8

표 4-76. 전라남도의 결빙일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	3.8	1.5	1.3	1.0	0.8	0.2	0.1	0.0	0.0	1.4	0.9	0.0
		-2.3	-2.5	-2.8	-3.0	-3.6	-3.7	-3.8	-3.8	-2.4	-2.9	-3.8
강진군	3.1	1.1	0.9	0.8	0.6	0.1	0.0	0.0	0.0	1.0	0.7	0.0
		-2.0	-2.2	-2.3	-2.5	-3.0	-3.1	-3.1	-3.1	-2.1	-2.4	-3.1
고흥군	1.5	0.5	0.6	0.4	0.3	0.1	0.0	0.0	0.0	0.6	0.3	0.0
		-1.0	-0.9	-1.1	-1.2	-1.4	-1.5	-1.5	-1.5	-0.9	-1.2	-1.5
곡성군	5.7	3.3	2.7	2.4	1.9	0.6	0.3	0.0	0.0	3.0	2.1	0.0
		-2.4	-3.0	-3.3	-3.8	-5.1	-5.4	-5.7	-5.7	-2.7	-3.6	-5.7
광양시	2.2	0.9	1.0	0.7	0.7	0.2	0.0	0.0	0.0	1.0	0.7	0.0
		-1.3	-1.2	-1.5	-1.5	-2.0	-2.2	-2.2	-2.2	-1.2	-1.5	-2.2
구례군	4.0	2.3	2.1	1.8	1.5	0.5	0.2	0.0	0.0	2.2	1.7	0.0
		-1.7	-1.9	-2.2	-2.5	-3.5	-3.8	-4.0	-4.0	-1.8	-2.3	-4.0
나주시	4.2	1.5	1.6	1.1	0.8	0.2	0.0	0.0	0.0	1.6	1.0	0.0
		-2.7	-2.6	-3.1	-3.4	-4.0	-4.2	-4.2	-4.2	-2.6	-3.2	-4.2
담양군	6.6	3.3	2.7	2.4	1.9	0.6	0.3	0.0	0.0	3.0	2.2	0.0
		-3.3	-3.9	-4.2	-4.7	-6.0	-6.3	-6.6	-6.6	-3.6	-4.4	-6.6
목포시	3.2	0.8	0.6	0.4	0.4	0.0	0.0	0.0	0.0	0.7	0.4	0.0
		-2.4	-2.6	-2.8	-2.8	-3.2	-3.2	-3.2	-3.2	-2.5	-2.8	-3.2
무안군	3.9	1.0	0.8	0.6	0.5	0.1	0.0	0.0	0.0	0.9	0.6	0.0
		-2.9	-3.1	-3.3	-3.4	-3.8	-3.9	-3.9	-3.9	-3.0	-3.3	-3.9
보성군	3.8	1.6	1.5	1.3	1.0	0.3	0.1	0.0	0.0	1.6	1.2	0.0
		-2.2	-2.3	-2.5	-2.8	-3.5	-3.7	-3.8	-3.8	-2.2	-2.6	-3.8
순천시	2.9	1.3	1.3	1.0	0.8	0.2	0.1	0.0	0.0	1.3	0.9	0.0
		-1.6	-1.6	-1.9	-2.1	-2.7	-2.8	-2.9	-2.9	-1.6	-2.0	-2.9
신안군	2.9	0.5	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.4	0.2	0.0
		-2.4	-2.6	-2.7	-2.6	-2.9	-2.9	-2.9	-2.9	-2.5	-2.7	-2.9
여수시	1.7	0.7	0.8	0.5	0.4	0.1	0.0	0.0	0.0	0.8	0.5	0.0
		-1.0	-0.9	-1.2	-1.3	-1.6	-1.7	-1.7	-1.7	-0.9	-1.2	-1.7
영광군	5.9	1.5	1.2	0.9	0.7	0.1	0.0	0.0	0.0	1.3	0.8	0.0
		-4.4	-4.7	-5.0	-5.2	-5.8	-5.9	-5.9	-5.9	-4.6	-5.1	-5.9
영암군	3.4	1.1	1.0	0.8	0.6	0.1	0.0	0.0	0.0	1.1	0.7	0.0
		-2.3	-2.4	-2.6	-2.8	-3.3	-3.4	-3.4	-3.4	-2.3	-2.7	-3.4
완도군	1.7	0.4	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.3	0.2	0.0
		-1.3	-1.5	-1.5	-1.6	-1.7	-1.7	-1.7	-1.7	-1.4	-1.5	-1.7
장성군	6.8	3.1	2.6	2.3	1.8	0.5	0.3	0.0	0.0	2.8	2.0	0.0
		-3.7	-4.2	-4.5	-5.0	-6.3	-6.5	-6.8	-6.8	-4.0	-4.8	-6.8
장흥군	4.0	1.5	1.2	1.1	0.9	0.3	0.1	0.0	0.0	1.3	1.0	0.0
		-2.5	-2.8	-2.9	-3.1	-3.7	-3.9	-4.0	-4.0	-2.7	-3.0	-4.0
진도군	2.6	0.5	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.4	0.3	0.0
		-2.1	-2.3	-2.3	-2.3	-2.6	-2.6	-2.6	-2.6	-2.2	-2.3	-2.6
함평군	4.9	1.6	1.4	1.2	0.9	0.2	0.0	0.0	0.0	1.5	1.0	0.0
		-3.3	-3.5	-3.7	-4.0	-4.7	-4.9	-4.9	-4.9	-3.4	-3.9	-4.9
해남군	2.7	0.7	0.6	0.5	0.4	0.0	0.0	0.0	0.0	0.6	0.4	0.0
		-2.0	-2.1	-2.2	-2.3	-2.7	-2.7	-2.7	-2.7	-2.1	-2.3	-2.7
화순군	5.9	2.7	2.4	2.1	1.6	0.5	0.2	0.0	0.0	2.6	1.9	0.0
		-3.2	-3.5	-3.8	-4.3	-5.4	-5.7	-5.9	-5.9	-3.3	-4.0	-5.9

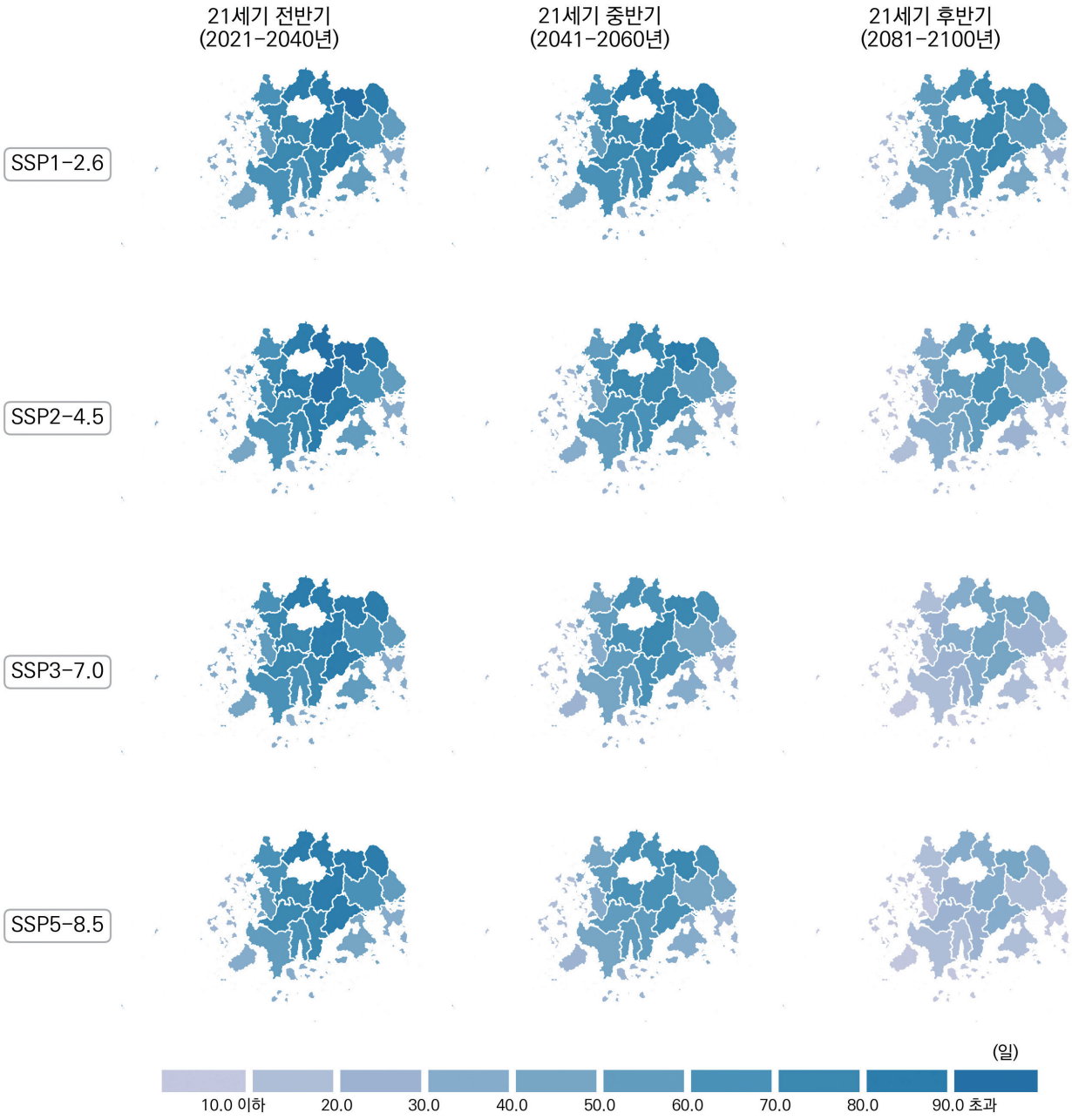


그림 4-29. 전라남도의 서리일수(일) 전망 분포도

표 4-77. 전라남도의 서리일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	83.3	67.8	61.6	64.6	66.9	59.8	57.1	54.9	50.4	64.7	65.7	52.6
		-15.5	-21.7	-18.7	-16.4	-23.5	-26.2	-28.4	-32.9	-18.6	-17.6	-30.7
강진군	87.8	71.5	64.9	68.3	70.2	62.7	60.1	57.7	53.0	68.2	69.2	55.4
		-16.3	-22.9	-19.5	-17.6	-25.1	-27.7	-30.1	-34.8	-19.6	-18.6	-32.4
고흥군	68.2	54.6	47.1	51.7	54.5	47.9	44.8	43.7	38.4	50.9	53.1	41.1
		-13.6	-21.1	-16.5	-13.7	-20.3	-23.4	-24.5	-29.8	-17.3	-15.1	-27.1
곡성군	109.5	91.9	88.7	89.3	90.1	85.5	82.9	79.1	75.2	90.3	89.7	77.2
		-17.6	-20.8	-20.2	-19.4	-24.0	-26.6	-30.4	-34.3	-19.2	-19.8	-32.3
광양시	70.0	56.8	50.4	54.4	57.0	51.9	48.4	46.7	42.4	53.6	55.7	44.5
		-13.2	-19.6	-15.6	-13.0	-18.1	-21.6	-23.3	-27.6	-16.4	-14.3	-25.5
구례군	105.3	86.3	82.9	83.4	85.3	80.7	77.9	73.7	69.7	84.6	84.4	71.7
		-19.0	-22.4	-21.9	-20.0	-24.6	-27.4	-31.6	-35.6	-20.7	-20.9	-33.6
나주시	97.6	82.3	77.1	79.2	80.8	74.0	71.7	68.4	64.4	79.7	80.0	66.4
		-15.3	-20.5	-18.4	-16.8	-23.6	-25.9	-29.2	-33.2	-17.9	-17.6	-31.2
담양군	104.3	88.5	84.7	86.0	87.4	81.3	78.8	75.3	71.4	86.6	86.7	73.3
		-15.8	-19.6	-18.3	-16.9	-23.0	-25.5	-29.0	-32.9	-17.7	-17.6	-31.0
목포시	64.7	51.0	42.0	46.4	50.5	40.3	37.5	37.2	31.5	46.5	48.4	34.3
		-13.7	-22.7	-18.3	-14.2	-24.4	-27.2	-27.5	-33.2	-18.2	-16.3	-30.4
무안군	74.5	59.4	50.8	54.7	59.3	48.8	46.2	45.0	39.4	55.1	57.0	42.2
		-15.1	-23.7	-19.8	-15.2	-25.7	-28.3	-29.5	-35.1	-19.4	-17.5	-32.3
보성군	105.8	88.4	84.5	85.7	86.6	81.1	78.8	75.5	71.1	86.5	86.2	73.3
		-17.4	-21.3	-20.1	-19.2	-24.7	-27.0	-30.3	-34.7	-19.3	-19.6	-32.5
순천시	79.5	65.5	59.7	63.0	65.1	60.1	56.8	54.4	50.3	62.6	64.0	52.4
		-14.0	-19.8	-16.5	-14.4	-19.4	-22.7	-25.1	-29.2	-16.9	-15.5	-27.1
신안군	49.4	34.6	26.6	30.5	33.1	25.4	22.3	22.4	17.6	30.6	31.8	20.0
		-14.8	-22.8	-18.9	-16.3	-24.0	-27.1	-27.0	-31.8	-18.8	-17.6	-29.4
여수시	47.8	37.7	30.3	34.9	37.2	31.6	28.9	28.3	24.3	34.0	36.1	26.3
		-10.1	-17.5	-12.9	-10.6	-16.2	-18.9	-19.5	-23.5	-13.8	-11.7	-21.5
영광군	84.7	68.1	60.1	63.8	68.0	58.2	55.6	53.8	48.3	64.1	65.9	51.0
		-16.6	-24.6	-20.9	-16.7	-26.5	-29.1	-30.9	-36.4	-20.6	-18.8	-33.7
영암군	92.3	76.4	69.6	73.1	75.4	67.6	65.0	62.0	57.5	73.0	74.2	59.7
		-15.9	-22.7	-19.2	-16.9	-24.7	-27.3	-30.3	-34.8	-19.3	-18.1	-32.6
완도군	51.6	38.2	30.3	34.7	37.2	30.1	27.2	27.0	22.4	34.3	36.0	24.7
		-13.4	-21.3	-16.9	-14.4	-21.5	-24.4	-24.6	-29.2	-17.3	-15.6	-26.9
장성군	100.8	85.1	80.8	82.7	84.1	77.2	75.1	72.0	68.0	82.9	83.4	70.0
		-15.7	-20.0	-18.1	-16.7	-23.6	-25.7	-28.8	-32.8	-17.9	-17.4	-30.8
장흥군	96.4	79.3	73.8	76.5	77.7	71.1	68.6	66.0	61.4	76.5	77.1	63.7
		-17.1	-22.6	-19.9	-18.7	-25.3	-27.8	-30.4	-35.0	-19.9	-19.3	-32.7
진도군	64.7	48.0	39.2	43.6	47.0	37.2	34.3	33.6	28.2	43.6	45.3	30.9
		-16.7	-25.5	-21.1	-17.7	-27.5	-30.4	-31.1	-36.5	-21.1	-19.4	-33.8
함평군	90.0	74.5	68.2	71.1	74.0	65.7	62.8	60.2	55.8	71.3	72.6	58.0
		-15.5	-21.8	-18.9	-16.0	-24.3	-27.2	-29.8	-34.2	-18.7	-17.4	-32.0
해남군	82.2	65.6	57.9	61.8	64.8	55.9	53.0	50.9	45.9	61.7	63.3	48.4
		-16.6	-24.3	-20.4	-17.4	-26.3	-29.2	-31.3	-36.3	-20.5	-18.9	-33.8
화순군	104.5	88.5	85.0	85.9	86.8	81.6	79.0	75.4	71.7	86.7	86.3	73.5
		-16.0	-19.5	-18.6	-17.7	-22.9	-25.5	-29.1	-32.8	-17.8	-18.2	-31.0

표 4-78. 전라남도의 서리일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	83.3	68.1	71.1	58.5	55.7	47.5	49.0	39.7	41.3	69.6	57.1	40.5
		-15.2	-12.2	-24.8	-27.6	-35.8	-34.3	-43.6	-42.0	-13.7	-26.2	-42.8
강진군	87.8	72.1	74.3	62.0	58.7	50.2	51.5	41.5	43.3	73.2	60.4	42.4
		-15.7	-13.5	-25.8	-29.1	-37.6	-36.3	-46.3	-44.5	-14.6	-27.4	-45.4
고흥군	68.2	55.4	58.2	45.5	43.5	35.7	38.1	28.0	29.9	56.8	44.5	28.9
		-12.8	-10.0	-22.7	-24.7	-32.5	-30.1	-40.2	-38.3	-11.4	-23.7	-39.3
곡성군	109.5	92.6	94.9	84.2	80.9	72.2	73.4	66.2	67.3	93.8	82.5	66.8
		-16.9	-14.6	-25.3	-28.6	-37.3	-36.1	-43.3	-42.2	-15.7	-27.0	-42.7
광양시	70.0	58.7	61.1	48.8	46.7	39.5	42.1	32.7	34.4	59.9	47.8	33.5
		-11.3	-8.9	-21.2	-23.3	-30.5	-27.9	-37.3	-35.6	-10.1	-22.2	-36.5
구례군	105.3	87.5	89.7	78.7	75.2	67.2	68.7	60.6	62.4	88.6	76.9	61.5
		-17.8	-15.6	-26.6	-30.1	-38.1	-36.6	-44.7	-42.9	-16.7	-28.4	-43.8
나주시	97.6	83.1	85.1	72.6	69.9	61.4	62.5	53.0	54.8	84.1	71.3	53.9
		-14.5	-12.5	-25.0	-27.7	-36.2	-35.1	-44.6	-42.8	-13.5	-26.3	-43.7
담양군	104.3	89.1	91.2	80.3	77.2	68.5	69.7	61.4	63.3	90.2	78.7	62.3
		-15.2	-13.1	-24.0	-27.1	-35.8	-34.6	-42.9	-41.0	-14.1	-25.6	-42.0
목포시	64.7	49.6	54.4	39.8	37.0	28.6	30.7	19.6	21.5	52.0	38.4	20.5
		-15.1	-10.3	-24.9	-27.7	-36.1	-34.0	-45.1	-43.2	-12.7	-26.3	-44.2
무안군	74.5	58.7	63.1	48.3	45.4	36.2	37.6	27.1	28.8	60.9	46.8	28.0
		-15.8	-11.4	-26.2	-29.1	-38.3	-36.9	-47.4	-45.7	-13.6	-27.7	-46.5
보성군	105.8	89.1	91.0	80.2	76.6	68.4	69.4	61.7	62.7	90.0	78.4	62.2
		-16.7	-14.8	-25.6	-29.2	-37.4	-36.4	-44.1	-43.1	-15.8	-27.4	-43.6
순천시	79.5	67.3	69.2	57.4	54.7	47.5	49.2	40.2	42.1	68.2	56.0	41.2
		-12.2	-10.3	-22.1	-24.8	-32.0	-30.3	-39.3	-37.4	-11.3	-23.5	-38.3
신안군	49.4	32.2	38.1	23.6	22.3	15.4	16.6	7.9	9.5	35.2	22.9	8.7
		-17.2	-11.3	-25.8	-27.1	-34.0	-32.8	-41.5	-39.9	-14.2	-26.5	-40.7
여수시	47.8	37.5	41.4	29.6	28.5	21.8	24.0	15.2	17.0	39.5	29.1	16.1
		-10.3	-6.4	-18.2	-19.3	-26.0	-23.8	-32.6	-30.8	-8.3	-18.7	-31.7
영광군	84.7	67.9	72.0	57.1	54.6	45.1	46.5	36.3	37.9	69.9	55.8	37.1
		-16.8	-12.7	-27.6	-30.1	-39.6	-38.2	-48.4	-46.8	-14.8	-28.9	-47.6
영암군	92.3	77.2	79.3	66.7	63.6	54.8	55.9	45.9	47.4	78.2	65.1	46.6
		-15.1	-13.0	-25.6	-28.7	-37.5	-36.4	-46.4	-44.9	-14.1	-27.2	-45.7
완도군	51.6	37.0	41.5	28.2	26.8	19.9	21.7	12.5	14.3	39.2	27.5	13.4
		-14.6	-10.1	-23.4	-24.8	-31.7	-29.9	-39.1	-37.3	-12.4	-24.1	-38.2
장성군	100.8	86.1	88.1	76.5	73.6	64.9	66.2	57.1	58.9	87.1	75.0	58.0
		-14.7	-12.7	-24.3	-27.2	-35.9	-34.6	-43.7	-41.9	-13.7	-25.8	-42.8
장흥군	96.4	79.8	82.0	70.4	67.1	58.7	59.8	50.9	52.2	80.9	68.8	51.6
		-16.6	-14.4	-26.0	-29.3	-37.7	-36.6	-45.5	-44.2	-15.5	-27.6	-44.8
진도군	64.7	46.2	51.5	36.5	33.6	25.4	26.6	16.8	18.2	48.8	35.1	17.5
		-18.5	-13.2	-28.2	-31.1	-39.3	-38.1	-47.9	-46.5	-15.9	-29.6	-47.2
함평군	90.0	75.2	78.0	64.5	61.3	52.4	53.9	43.8	45.2	76.6	62.9	44.5
		-14.8	-12.0	-25.5	-28.7	-37.6	-36.1	-46.2	-44.8	-13.4	-27.1	-45.5
해남군	82.2	65.8	68.7	55.4	51.8	43.0	44.4	33.8	35.2	67.2	53.6	34.5
		-16.4	-13.5	-26.8	-30.4	-39.2	-37.8	-48.4	-47.0	-15.0	-28.6	-47.7
화순군	104.5	89.4	91.3	80.2	76.9	68.8	69.9	61.8	63.0	90.4	78.5	62.4
		-15.1	-13.2	-24.3	-27.6	-35.7	-34.6	-42.7	-41.5	-14.1	-26.0	-42.1

표 4-79. 전라남도의 서리일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	83.3	70.4	60.1	51.5	46.0	40.4	37.9	28.5	21.1	65.2	48.8	24.8
		-12.9	-23.2	-31.8	-37.3	-42.9	-45.4	-54.8	-62.2	-18.1	-34.5	-58.5
강진군	87.8	74.0	63.3	54.1	48.6	42.1	39.5	29.1	20.4	68.7	51.4	24.7
		-13.8	-24.5	-33.7	-39.2	-45.7	-48.3	-58.7	-67.4	-19.1	-36.4	-63.1
고흥군	68.2	57.1	47.4	38.7	34.1	29.8	27.4	19.0	12.1	52.2	36.4	15.5
		-11.1	-20.8	-29.5	-34.1	-38.4	-40.8	-49.2	-56.1	-16.0	-31.8	-52.7
곡성군	109.5	93.6	84.9	77.0	71.0	65.5	62.0	53.4	42.3	89.3	74.0	47.9
		-15.9	-24.6	-32.5	-38.5	-44.0	-47.5	-56.1	-67.2	-20.2	-35.5	-61.6
광양시	70.0	59.3	50.1	41.9	37.4	33.6	31.1	23.8	16.2	54.7	39.7	20.0
		-10.7	-19.9	-28.1	-32.6	-36.4	-38.9	-46.2	-53.8	-15.3	-30.3	-50.0
구례군	105.3	88.0	79.7	71.3	65.6	61.0	57.0	48.9	38.3	83.8	68.5	43.6
		-17.3	-25.6	-34.0	-39.7	-44.3	-48.3	-56.4	-67.0	-21.5	-36.8	-61.7
나주시	97.6	84.2	74.0	65.5	59.6	52.6	50.4	39.2	29.9	79.1	62.6	34.6
		-13.4	-23.6	-32.1	-38.0	-45.0	-47.2	-58.4	-67.7	-18.5	-35.0	-63.0
담양군	104.3	90.5	81.1	73.3	66.7	61.3	58.4	48.6	37.7	85.8	70.0	43.1
		-13.8	-23.2	-31.0	-37.6	-43.0	-45.9	-55.7	-66.6	-18.5	-34.3	-61.2
목포시	64.7	54.6	41.5	32.9	27.2	21.8	19.7	10.1	6.4	48.0	30.1	8.2
		-10.1	-23.2	-31.8	-37.5	-42.9	-45.0	-54.6	-58.3	-16.7	-34.6	-56.5
무안군	74.5	63.1	50.2	40.9	35.2	28.9	26.2	15.2	10.1	56.6	38.0	12.7
		-11.4	-24.3	-33.6	-39.3	-45.6	-48.3	-59.3	-64.4	-17.9	-36.5	-61.8
보성군	105.8	90.6	80.9	72.7	67.4	61.2	58.1	48.5	37.8	85.7	70.0	43.1
		-15.2	-24.9	-33.1	-38.4	-44.6	-47.7	-57.3	-68.0	-20.1	-35.8	-62.7
순천시	79.5	67.6	58.5	50.3	45.5	40.6	37.9	30.1	21.6	63.0	47.9	25.8
		-11.9	-21.0	-29.2	-34.0	-38.9	-41.6	-49.4	-57.9	-16.5	-31.6	-53.7
신안군	49.4	37.9	26.7	18.7	14.0	9.9	8.7	2.9	1.6	32.3	16.4	2.2
		-11.5	-22.7	-30.7	-35.4	-39.5	-40.7	-46.5	-47.8	-17.1	-33.0	-47.2
여수시	47.8	39.6	32.0	24.4	19.9	16.5	15.2	9.3	4.9	35.8	22.1	7.1
		-8.2	-15.8	-23.4	-27.9	-31.3	-32.6	-38.5	-42.9	-12.0	-25.7	-40.7
영광군	84.7	71.5	59.6	49.9	43.7	37.2	34.2	22.8	15.7	65.5	46.8	19.3
		-13.2	-25.1	-34.8	-41.0	-47.5	-50.5	-61.9	-69.0	-19.2	-37.9	-65.4
영암군	92.3	79.2	68.1	58.8	53.2	45.6	43.6	32.0	23.4	73.6	56.0	27.7
		-13.1	-24.2	-33.5	-39.1	-46.7	-48.7	-60.3	-68.9	-18.7	-36.3	-64.6
완도군	51.6	40.1	31.2	23.1	18.4	14.3	12.8	5.8	3.2	35.7	20.7	4.5
		-11.5	-20.4	-28.5	-33.2	-37.3	-38.8	-45.8	-48.4	-15.9	-30.9	-47.1
장성군	100.8	87.5	77.8	69.9	62.8	56.6	54.4	43.4	33.7	82.6	66.3	38.6
		-13.3	-23.0	-30.9	-38.0	-44.2	-46.4	-57.4	-67.1	-18.2	-34.5	-62.2
장흥군	96.4	81.9	71.5	62.8	57.5	51.1	48.3	38.4	28.7	76.7	60.1	33.5
		-14.5	-24.9	-33.6	-38.9	-45.3	-48.1	-58.0	-67.7	-19.7	-36.3	-62.9
진도군	64.7	51.4	39.0	29.8	24.3	18.7	16.7	7.9	5.2	45.2	27.0	6.6
		-13.3	-25.7	-34.9	-40.4	-46.0	-48.0	-56.8	-59.5	-19.5	-37.7	-58.1
함평군	90.0	77.3	66.1	57.0	51.1	43.6	41.4	29.1	21.6	71.7	54.1	25.4
		-12.7	-23.9	-33.0	-38.9	-46.4	-48.6	-60.9	-68.4	-18.3	-35.9	-64.6
해남군	82.2	68.7	56.9	47.3	41.5	34.6	32.0	21.3	14.3	62.8	44.4	17.8
		-13.5	-25.3	-34.9	-40.7	-47.6	-50.2	-60.9	-67.9	-19.4	-37.8	-64.4
화순군	104.5	90.2	81.1	73.2	67.4	61.4	58.4	49.1	38.2	85.6	70.3	43.6
		-14.3	-23.4	-31.3	-37.1	-43.1	-46.1	-55.4	-66.3	-18.9	-34.2	-60.9

표 4-80. 전라남도의 **서리일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)**

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	83.3	66.8	57.9	51.8	45.2	33.5	32.3	21.9	16.0	62.4	48.5	19.0
		-16.5	-25.4	-31.5	-38.1	-49.8	-51.0	-61.4	-67.3	-20.9	-34.8	-64.3
강진군	87.8	70.6	60.8	54.9	47.0	34.3	33.2	21.4	14.5	65.7	50.9	18.0
		-17.2	-27.0	-32.9	-40.8	-53.5	-54.6	-66.4	-73.3	-22.1	-36.9	-69.8
고흥군	68.2	51.8	43.5	39.5	34.4	21.8	22.5	12.9	8.0	47.6	37.0	10.5
		-16.4	-24.7	-28.7	-33.8	-46.4	-45.7	-55.3	-60.2	-20.6	-31.2	-57.7
곡성군	109.5	92.7	85.8	77.3	68.9	58.3	56.6	45.2	35.8	89.2	73.1	40.5
		-16.8	-23.7	-32.2	-40.6	-51.2	-52.9	-64.3	-73.7	-20.3	-36.4	-69.0
광양시	70.0	54.3	47.4	42.7	38.2	25.4	26.4	17.5	11.8	50.9	40.4	14.6
		-15.7	-22.6	-27.3	-31.8	-44.6	-43.6	-52.5	-58.2	-19.1	-29.6	-55.4
구례군	105.3	86.5	79.8	71.6	64.7	53.0	51.7	40.5	31.8	83.1	68.2	36.2
		-18.8	-25.5	-33.7	-40.6	-52.3	-53.6	-64.8	-73.5	-22.2	-37.1	-69.1
나주시	97.6	82.9	73.3	65.7	57.1	46.2	44.1	30.8	22.7	78.1	61.4	26.8
		-14.7	-24.3	-31.9	-40.5	-51.4	-53.5	-66.8	-74.9	-19.5	-36.2	-70.8
담양군	104.3	89.6	81.3	73.4	65.0	54.0	52.3	40.1	30.4	85.5	69.2	35.2
		-14.7	-23.0	-30.9	-39.3	-50.3	-52.0	-64.2	-73.9	-18.8	-35.1	-69.1
목포시	64.7	48.4	37.6	32.5	28.1	15.5	13.6	5.9	3.3	43.0	30.3	4.6
		-16.3	-27.1	-32.2	-36.6	-49.2	-51.1	-58.8	-61.4	-21.7	-34.4	-60.1
무안군	74.5	57.5	46.5	40.9	34.9	21.6	19.8	9.6	6.2	52.0	37.9	7.9
		-17.0	-28.0	-33.6	-39.6	-52.9	-54.7	-64.9	-68.3	-22.5	-36.6	-66.6
보성군	105.8	88.3	81.5	73.1	64.4	53.4	52.3	39.9	30.8	84.9	68.8	35.3
		-17.5	-24.3	-32.7	-41.4	-52.4	-53.5	-65.9	-75.0	-20.9	-37.0	-70.5
순천시	79.5	63.9	56.6	50.9	45.5	32.8	33.1	23.1	16.5	60.2	48.2	19.8
		-15.6	-22.9	-28.6	-34.0	-46.7	-46.4	-56.4	-63.0	-19.3	-31.3	-59.7
신안군	49.4	31.2	21.6	18.4	15.1	6.3	4.5	1.1	0.7	26.4	16.7	0.9
		-18.2	-27.8	-31.0	-34.3	-43.1	-44.9	-48.3	-48.7	-23.0	-32.7	-48.5
여수시	47.8	34.1	27.5	24.5	21.1	11.3	10.9	5.1	3.0	30.8	22.8	4.0
		-13.7	-20.3	-23.3	-26.7	-36.5	-36.9	-42.7	-44.8	-17.0	-25.0	-43.8
영광군	84.7	67.6	56.6	50.1	43.2	29.6	28.0	15.8	10.6	62.1	46.6	13.2
		-17.1	-28.1	-34.6	-41.5	-55.1	-56.7	-68.9	-74.1	-22.6	-38.1	-71.5
영암군	92.3	76.5	66.1	59.5	50.8	38.8	36.9	24.0	17.0	71.3	55.2	20.5
		-15.8	-26.2	-32.8	-41.5	-53.5	-55.4	-68.3	-75.3	-21.0	-37.1	-71.8
완도군	51.6	35.2	26.5	23.2	19.2	9.8	8.6	3.2	1.6	30.8	21.2	2.4
		-16.4	-25.1	-28.4	-32.4	-41.8	-43.0	-48.4	-50.0	-20.8	-30.4	-49.2
장성군	100.8	86.6	77.2	69.9	60.7	50.4	48.2	34.7	26.1	81.9	65.3	30.4
		-14.2	-23.6	-30.9	-40.1	-50.4	-52.6	-66.1	-74.7	-18.9	-35.5	-70.4
장흥군	96.4	78.6	70.3	63.2	55.3	43.3	42.1	30.1	22.9	74.5	59.3	26.5
		-17.8	-26.1	-33.2	-41.1	-53.1	-54.3	-66.3	-73.5	-21.9	-37.1	-69.9
진도군	64.7	45.7	34.0	29.6	24.6	13.3	11.2	4.7	2.9	39.9	27.1	3.8
		-19.0	-30.7	-35.1	-40.1	-51.4	-53.5	-60.0	-61.8	-24.8	-37.6	-60.9
함평군	90.0	74.7	64.4	57.4	49.3	36.9	34.7	21.7	15.3	69.5	53.3	18.5
		-15.3	-25.6	-32.6	-40.7	-53.1	-55.3	-68.3	-74.7	-20.5	-36.7	-71.5
해남군	82.2	64.7	53.7	48.0	40.7	27.6	25.6	14.3	9.2	59.2	44.3	11.8
		-17.5	-28.5	-34.2	-41.5	-54.6	-56.6	-67.9	-73.0	-23.0	-37.9	-70.4
화순군	104.5	89.0	81.7	73.3	64.9	54.5	52.8	40.3	31.1	85.3	69.1	35.7
		-15.5	-22.8	-31.2	-39.6	-50.0	-51.7	-64.2	-73.4	-19.2	-35.4	-68.8

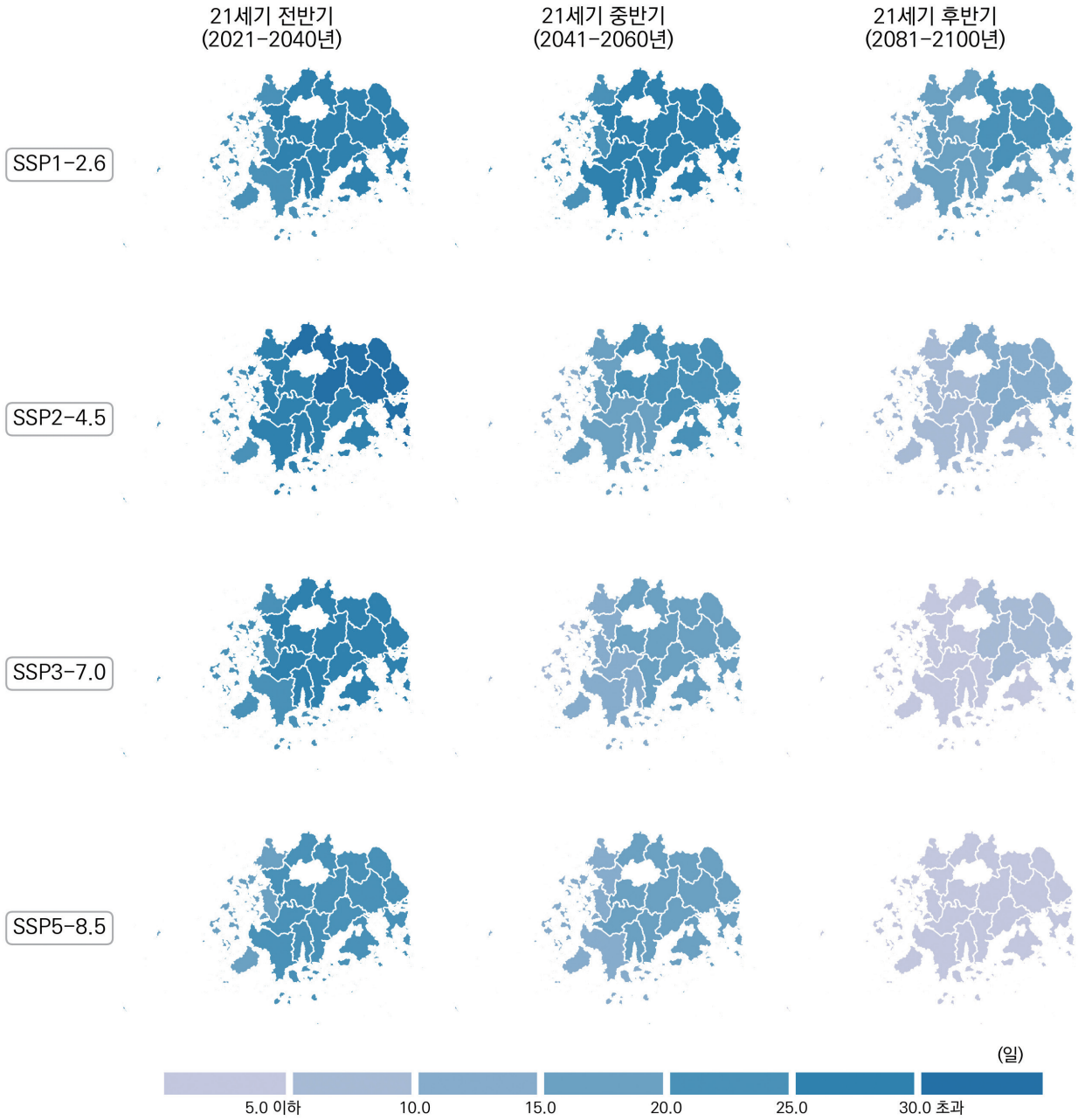


그림 4-30. 전라남도의 한랭일(일) 전망 분포도

표 4-81. 전라남도의 한랭일 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	36.1	28.8	22.8	25.7	27.8	23.5	20.4	19.7	16.9	25.8	26.7	18.3
		-7.3	-13.3	-10.4	-8.3	-12.6	-15.7	-16.4	-19.2	-10.3	-9.4	-17.8
강진군	35.9	29.3	23.2	25.8	28.1	23.8	20.3	19.9	17.1	26.2	27.0	18.5
		-6.6	-12.7	-10.1	-7.8	-12.1	-15.6	-16.0	-18.8	-9.7	-8.9	-17.4
고흥군	35.8	30.0	23.9	26.4	28.7	24.9	21.3	21.2	17.8	26.9	27.6	19.5
		-5.8	-11.9	-9.4	-7.1	-10.9	-14.5	-14.6	-18.0	-8.9	-8.2	-16.3
곡성군	36.5	30.8	24.6	27.6	30.2	26.2	23.2	22.6	19.1	27.7	28.9	20.8
		-5.7	-11.9	-8.9	-6.3	-10.3	-13.3	-13.9	-17.4	-8.8	-7.6	-15.7
광양시	35.7	30.8	25.1	27.7	30.4	26.3	23.6	22.8	19.4	28.0	29.0	21.1
		-4.9	-10.6	-8.0	-5.3	-9.4	-12.1	-12.9	-16.3	-7.7	-6.7	-14.6
구례군	36.5	30.8	24.7	27.4	30.1	26.1	23.5	22.9	19.5	27.7	28.8	21.2
		-5.7	-11.8	-9.1	-6.4	-10.4	-13.0	-13.6	-17.0	-8.8	-7.7	-15.3
나주시	36.6	29.9	24.2	27.0	29.2	25.0	21.3	20.9	18.1	27.0	28.1	19.5
		-6.7	-12.4	-9.6	-7.4	-11.6	-15.3	-15.7	-18.5	-9.6	-8.5	-17.1
담양군	36.4	30.9	24.5	27.7	30.2	26.1	22.7	22.1	18.8	27.7	29.0	20.4
		-5.5	-11.9	-8.7	-6.2	-10.3	-13.7	-14.3	-17.6	-8.7	-7.4	-16.0
목포시	35.6	25.7	19.7	22.9	24.3	19.4	16.9	16.1	13.8	22.7	23.6	15.0
		-9.9	-15.9	-12.7	-11.3	-16.2	-18.7	-19.5	-21.8	-12.9	-12.0	-20.6
무안군	35.5	26.0	20.2	23.2	24.9	20.1	17.3	16.4	14.2	23.1	24.1	15.3
		-9.5	-15.3	-12.3	-10.6	-15.4	-18.2	-19.1	-21.3	-12.4	-11.4	-20.2
보성군	36.3	30.3	24.5	26.8	29.8	25.3	21.9	21.9	18.6	27.4	28.3	20.3
		-6.0	-11.8	-9.5	-6.5	-11.0	-14.4	-14.4	-17.7	-8.9	-8.0	-16.0
순천시	36.2	31.2	25.5	27.7	30.8	26.5	23.6	23.2	19.5	28.4	29.2	21.3
		-5.0	-10.7	-8.5	-5.4	-9.7	-12.6	-13.0	-16.7	-7.8	-7.0	-14.9
신안군	36.4	23.9	17.9	20.9	22.5	17.7	15.3	13.8	11.8	20.9	21.7	12.8
		-12.5	-18.5	-15.5	-13.9	-18.7	-21.1	-22.6	-24.6	-15.5	-14.7	-23.6
여수시	36.0	30.7	24.5	27.0	29.1	25.7	22.5	21.8	18.3	27.6	28.1	20.0
		-5.3	-11.5	-9.0	-6.9	-10.3	-13.5	-14.2	-17.7	-8.4	-7.9	-16.0
영광군	36.4	26.0	20.5	23.6	25.3	20.3	17.7	16.7	14.4	23.3	24.4	15.5
		-10.4	-15.9	-12.8	-11.1	-16.1	-18.7	-19.7	-22.0	-13.1	-12.0	-20.9
영암군	36.2	29.2	23.1	25.9	27.9	23.6	20.1	19.5	16.8	26.1	26.9	18.2
		-7.0	-13.1	-10.3	-8.3	-12.6	-16.1	-16.7	-19.4	-10.1	-9.3	-18.0
완도군	35.7	27.4	20.7	24.0	25.1	21.5	18.1	17.4	14.8	24.1	24.5	16.1
		-8.3	-15.0	-11.7	-10.6	-14.2	-17.6	-18.3	-20.9	-11.6	-11.2	-19.6
장성군	36.5	30.3	24.3	27.4	29.8	25.4	22.0	21.5	18.4	27.3	28.6	20.0
		-6.2	-12.2	-9.1	-6.7	-11.1	-14.5	-15.0	-18.1	-9.2	-7.9	-16.5
장흥군	36.0	29.5	23.6	26.1	28.4	24.2	20.8	20.4	17.5	26.5	27.3	19.0
		-6.5	-12.4	-9.9	-7.6	-11.8	-15.2	-15.6	-18.5	-9.5	-8.7	-17.0
진도군	36.2	25.0	18.7	22.1	23.1	18.7	16.4	15.0	12.9	21.9	22.6	14.0
		-11.2	-17.5	-14.1	-13.1	-17.5	-19.8	-21.2	-23.3	-14.3	-13.6	-22.2
함평군	36.0	28.0	22.6	25.3	27.3	22.9	19.6	18.7	16.2	25.3	26.3	17.5
		-8.0	-13.4	-10.7	-8.7	-13.1	-16.4	-17.3	-19.8	-10.7	-9.7	-18.5
해남군	35.8	27.5	21.4	24.2	26.0	21.7	18.5	17.8	15.4	24.4	25.1	16.6
		-8.3	-14.4	-11.6	-9.8	-14.1	-17.3	-18.0	-20.4	-11.4	-10.7	-19.2
화순군	36.6	30.6	24.6	27.5	30.0	25.7	22.3	21.9	18.8	27.6	28.8	20.3
		-6.0	-12.0	-9.1	-6.6	-10.9	-14.3	-14.7	-17.8	-9.0	-7.8	-16.3

표 4-82. 전라남도의 한랭일 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	36.1	25.7	31.2	19.8	18.9	15.0	17.5	8.7	9.7	28.4	19.3	9.2
		-10.4	-4.9	-16.3	-17.2	-21.1	-18.6	-27.4	-26.4	-7.7	-16.8	-26.9
강진군	35.9	26.0	31.6	20.0	19.0	15.1	17.9	8.7	9.7	28.8	19.5	9.2
		-9.9	-4.3	-15.9	-16.9	-20.8	-18.0	-27.2	-26.2	-7.1	-16.4	-26.7
고흥군	35.8	27.2	32.3	21.3	19.6	16.0	18.7	9.6	10.5	29.8	20.5	10.0
		-8.6	-3.5	-14.5	-16.2	-19.8	-17.1	-26.2	-25.3	-6.0	-15.3	-25.8
곡성군	36.5	27.9	33.1	21.9	21.5	17.0	20.5	11.1	12.0	30.5	21.7	11.6
		-8.6	-3.4	-14.6	-15.0	-19.5	-16.0	-25.4	-24.5	-6.0	-14.8	-24.9
광양시	35.7	28.5	34.1	22.1	21.5	17.2	20.2	11.0	11.7	31.3	21.8	11.4
		-7.2	-1.6	-13.6	-14.2	-18.5	-15.5	-24.7	-24.0	-4.4	-13.9	-24.3
구례군	36.5	28.1	33.1	22.1	21.3	17.0	20.6	11.5	12.4	30.6	21.7	11.9
		-8.4	-3.4	-14.4	-15.2	-19.5	-15.9	-25.0	-24.1	-5.9	-14.8	-24.6
나주시	36.6	26.7	32.6	20.7	20.1	15.9	18.8	9.5	10.4	29.6	20.4	10.0
		-9.9	-4.0	-15.9	-16.5	-20.7	-17.8	-27.1	-26.2	-7.0	-16.2	-26.6
담양군	36.4	27.7	33.4	21.5	21.3	16.8	20.0	10.3	11.4	30.5	21.4	10.8
		-8.7	-3.0	-14.9	-15.1	-19.6	-16.4	-26.1	-25.0	-5.9	-15.0	-25.6
목포시	35.6	22.3	28.0	16.7	15.7	12.1	13.5	5.8	6.9	25.2	16.2	6.4
		-13.3	-7.6	-18.9	-19.9	-23.5	-22.1	-29.8	-28.7	-10.4	-19.4	-29.2
무안군	35.5	22.7	28.5	16.9	16.1	12.4	14.0	6.1	7.3	25.6	16.5	6.7
		-12.8	-7.0	-18.6	-19.4	-23.1	-21.5	-29.4	-28.2	-9.9	-19.0	-28.8
보성군	36.3	27.2	32.5	21.4	20.4	16.6	19.5	10.2	11.1	29.8	20.9	10.6
		-9.1	-3.8	-14.9	-15.9	-19.7	-16.8	-26.1	-25.2	-6.5	-15.4	-25.7
순천시	36.2	28.5	33.9	22.3	21.7	17.4	20.6	11.3	12.1	31.2	22.0	11.7
		-7.7	-2.3	-13.9	-14.5	-18.8	-15.6	-24.9	-24.1	-5.0	-14.2	-24.5
신안군	36.4	20.3	25.9	14.9	14.1	10.7	11.5	4.5	5.6	23.1	14.5	5.1
		-16.1	-10.5	-21.5	-22.3	-25.7	-24.9	-31.9	-30.8	-13.3	-21.9	-31.3
여수시	36.0	27.8	33.4	21.6	20.5	16.4	19.3	9.9	10.8	30.6	21.1	10.4
		-8.2	-2.6	-14.4	-15.5	-19.6	-16.7	-26.1	-25.2	-5.4	-14.9	-25.6
영광군	36.4	23.1	28.8	17.2	16.2	12.9	14.5	6.4	7.5	25.9	16.7	6.9
		-13.3	-7.6	-19.2	-20.2	-23.5	-21.9	-30.0	-28.9	-10.5	-19.7	-29.5
영암군	36.2	25.6	31.4	19.7	18.8	14.8	17.4	8.4	9.5	28.5	19.3	9.0
		-10.6	-4.8	-16.5	-17.4	-21.4	-18.8	-27.8	-26.7	-7.7	-16.9	-27.2
완도군	35.7	23.9	28.8	18.4	16.7	13.2	15.1	6.9	8.1	26.3	17.5	7.5
		-11.8	-6.9	-17.3	-19.0	-22.5	-20.6	-28.8	-27.6	-9.4	-18.2	-28.2
장성군	36.5	27.3	33.2	21.1	20.7	16.4	19.3	9.8	10.8	30.3	20.9	10.3
		-9.2	-3.3	-15.4	-15.8	-20.1	-17.2	-26.7	-25.7	-6.2	-15.6	-26.2
장흥군	36.0	26.2	31.7	20.5	19.2	15.5	18.4	9.1	10.2	29.0	19.8	9.6
		-9.8	-4.3	-15.5	-16.8	-20.5	-17.6	-26.9	-25.8	-7.0	-16.2	-26.4
진도군	36.2	21.5	26.8	16.2	14.9	11.4	12.7	5.2	6.4	24.2	15.6	5.8
		-14.7	-9.4	-20.0	-21.3	-24.8	-23.5	-31.0	-29.8	-12.0	-20.6	-30.4
함평군	36.0	24.9	30.7	19.0	18.2	14.1	16.5	7.7	8.9	27.8	18.6	8.3
		-11.1	-5.3	-17.0	-17.8	-21.9	-19.5	-28.3	-27.1	-8.2	-17.4	-27.7
해남군	35.8	24.1	29.4	18.3	17.2	13.5	15.4	7.1	8.2	26.7	17.8	7.6
		-11.7	-6.4	-17.5	-18.6	-22.3	-20.4	-28.7	-27.6	-9.1	-18.0	-28.2
화순군	36.6	27.2	33.1	21.4	21.0	16.6	19.8	10.3	11.5	30.2	21.2	10.9
		-9.4	-3.5	-15.2	-15.6	-20.0	-16.8	-26.3	-25.1	-6.4	-15.4	-25.7

표 4-83. 전라남도의 한랭일 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	36.1	29.9	22.7	16.0	13.3	11.3	10.2	5.3	2.9	26.3	14.6	4.1
		-6.2	-13.4	-20.1	-22.8	-24.8	-25.9	-30.8	-33.2	-9.8	-21.5	-32.0
강진군	35.9	30.4	23.4	16.6	13.5	11.5	10.2	5.2	2.9	26.9	15.0	4.0
		-5.5	-12.5	-19.3	-22.4	-24.4	-25.7	-30.7	-33.0	-9.0	-20.9	-31.9
고흥군	35.8	30.7	24.0	17.0	14.1	12.5	11.3	6.2	3.6	27.3	15.6	4.9
		-5.1	-11.8	-18.8	-21.7	-23.3	-24.5	-29.6	-32.2	-8.5	-20.2	-30.9
곡성군	36.5	31.5	24.9	17.8	15.4	13.8	12.7	7.6	4.5	28.2	16.6	6.1
		-5.0	-11.6	-18.7	-21.1	-22.7	-23.8	-28.9	-32.0	-8.3	-19.9	-30.4
광양시	35.7	31.8	24.9	17.8	15.9	13.8	12.8	7.7	4.7	28.3	16.8	6.2
		-3.9	-10.8	-17.9	-19.8	-21.9	-22.9	-28.0	-31.0	-7.4	-18.9	-29.5
구례군	36.5	31.2	24.9	17.7	15.7	14.1	13.0	8.2	5.0	28.1	16.7	6.6
		-5.3	-11.6	-18.8	-20.8	-22.4	-23.5	-28.3	-31.5	-8.4	-19.8	-29.9
나주시	36.6	31.4	23.8	17.1	14.3	12.1	11.0	5.7	3.0	27.6	15.7	4.4
		-5.2	-12.8	-19.5	-22.3	-24.5	-25.6	-30.9	-33.6	-9.0	-20.9	-32.2
담양군	36.4	31.7	24.7	17.7	14.9	13.2	12.2	6.7	3.7	28.2	16.3	5.2
		-4.7	-11.7	-18.7	-21.5	-23.2	-24.2	-29.7	-32.7	-8.2	-20.1	-31.2
목포시	35.6	27.0	19.4	13.1	10.2	7.9	7.0	2.8	1.3	23.2	11.7	2.0
		-8.6	-16.2	-22.5	-25.4	-27.7	-28.6	-32.8	-34.3	-12.4	-23.9	-33.6
무안군	35.5	27.5	19.7	13.6	10.7	8.4	7.5	3.0	1.5	23.6	12.1	2.2
		-8.0	-15.8	-21.9	-24.8	-27.1	-28.0	-32.5	-34.0	-11.9	-23.4	-33.3
보성군	36.3	31.4	24.3	17.5	14.8	12.8	11.9	6.8	3.9	27.8	16.2	5.3
		-4.9	-12.0	-18.8	-21.5	-23.5	-24.4	-29.5	-32.4	-8.5	-20.1	-31.0
순천시	36.2	32.3	25.3	18.1	15.9	13.9	12.9	7.8	4.7	28.8	17.0	6.3
		-3.9	-10.9	-18.1	-20.3	-22.3	-23.3	-28.4	-31.5	-7.4	-19.2	-29.9
신안군	36.4	25.2	17.3	11.3	8.8	6.6	5.6	1.8	0.7	21.3	10.0	1.3
		-11.2	-19.1	-25.1	-27.6	-29.8	-30.8	-34.6	-35.7	-15.1	-26.4	-35.1
여수시	36.0	31.1	24.2	17.3	14.8	12.9	11.8	6.6	3.8	27.7	16.0	5.2
		-4.9	-11.8	-18.7	-21.2	-23.1	-24.2	-29.4	-32.2	-8.3	-20.0	-30.8
영광군	36.4	27.9	19.9	13.8	11.0	8.7	7.8	3.2	1.5	23.9	12.4	2.3
		-8.5	-16.5	-22.6	-25.4	-27.7	-28.6	-33.2	-34.9	-12.5	-24.0	-34.1
영암군	36.2	30.4	22.9	16.3	13.2	11.1	9.8	4.8	2.6	26.6	14.8	3.7
		-5.8	-13.3	-19.9	-23.0	-25.1	-26.4	-31.4	-33.6	-9.6	-21.4	-32.5
완도군	35.7	27.3	21.0	14.5	11.3	10.0	8.1	3.7	1.8	24.2	12.9	2.7
		-8.4	-14.7	-21.2	-24.4	-25.7	-27.6	-32.0	-33.9	-11.5	-22.8	-33.0
장성군	36.5	31.9	24.4	17.4	14.5	12.6	11.5	6.1	3.2	28.1	15.9	4.6
		-4.6	-12.1	-19.1	-22.0	-23.9	-25.0	-30.4	-33.3	-8.4	-20.6	-31.9
장흥군	36.0	30.5	23.7	16.8	13.8	11.9	10.7	5.7	3.2	27.1	15.3	4.5
		-5.5	-12.3	-19.2	-22.2	-24.1	-25.3	-30.3	-32.8	-8.9	-20.7	-31.5
진도군	36.2	26.0	18.6	12.4	9.5	7.5	6.4	2.4	1.1	22.3	10.9	1.8
		-10.2	-17.6	-23.8	-26.7	-28.7	-29.8	-33.8	-35.1	-13.9	-25.3	-34.4
함평군	36.0	29.7	21.7	15.5	12.6	10.3	9.4	4.3	2.2	25.7	14.1	3.3
		-6.3	-14.3	-20.5	-23.4	-25.7	-26.6	-31.7	-33.8	-10.3	-21.9	-32.7
해남군	35.8	28.5	21.2	14.8	11.8	9.8	8.4	3.8	2.0	24.8	13.3	2.9
		-7.3	-14.6	-21.0	-24.0	-26.0	-27.4	-32.0	-33.8	-11.0	-22.5	-32.9
화순군	36.6	31.7	24.4	17.8	15.0	13.1	12.0	6.7	3.8	28.0	16.4	5.3
		-4.9	-12.2	-18.8	-21.6	-23.5	-24.6	-29.9	-32.8	-8.6	-20.2	-31.3

표 4-84. 전라남도의 한랭일 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	36.1	25.5	18.1	16.9	14.4	7.7	7.5	2.9	1.3	21.8	15.6	2.1
		-10.6	-18.0	-19.2	-21.7	-28.4	-28.6	-33.2	-34.8	-14.3	-20.5	-34.0
강진군	35.9	26.2	18.5	17.6	14.5	7.8	7.5	2.8	1.3	22.3	16.0	2.0
		-9.7	-17.4	-18.3	-21.4	-28.1	-28.4	-33.1	-34.6	-13.6	-19.9	-33.9
고흥군	35.8	26.9	19.3	18.1	15.5	8.5	8.5	3.5	1.5	23.1	16.8	2.5
		-8.9	-16.5	-17.7	-20.3	-27.3	-27.3	-32.3	-34.3	-12.7	-19.0	-33.3
곡성군	36.5	27.2	20.2	18.9	17.0	9.8	9.9	4.5	2.1	23.7	17.9	3.3
		-9.3	-16.3	-17.6	-19.5	-26.7	-26.6	-32.0	-34.4	-12.8	-18.6	-33.2
광양시	35.7	27.7	20.8	19.0	17.3	9.6	9.7	4.6	2.1	24.2	18.1	3.3
		-8.0	-14.9	-16.7	-18.4	-26.1	-26.0	-31.1	-33.6	-11.5	-17.6	-32.4
구례군	36.5	27.2	20.5	19.0	17.4	10.1	10.2	5.0	2.4	23.8	18.2	3.7
		-9.3	-16.0	-17.5	-19.1	-26.4	-26.3	-31.5	-34.1	-12.7	-18.3	-32.8
나주시	36.6	26.5	19.2	18.0	15.1	8.2	8.2	3.1	1.3	22.8	16.6	2.2
		-10.1	-17.4	-18.6	-21.5	-28.4	-28.4	-33.5	-35.3	-13.8	-20.0	-34.4
담양군	36.4	27.0	19.8	18.6	16.1	9.1	9.3	3.7	1.7	23.4	17.4	2.7
		-9.4	-16.6	-17.8	-20.3	-27.3	-27.1	-32.7	-34.7	-13.0	-19.0	-33.7
목포시	35.6	22.7	14.8	13.9	11.5	5.2	4.9	1.4	0.6	18.8	12.7	1.0
		-12.9	-20.8	-21.7	-24.1	-30.4	-30.7	-34.2	-35.0	-16.8	-22.9	-34.6
무안군	35.5	23.1	15.3	14.1	11.8	5.5	5.4	1.5	0.7	19.2	12.9	1.1
		-12.4	-20.2	-21.4	-23.7	-30.0	-30.1	-34.0	-34.8	-16.3	-22.6	-34.4
보성군	36.3	27.1	20.0	18.8	15.9	9.1	8.8	3.9	1.8	23.5	17.4	2.8
		-9.2	-16.3	-17.5	-20.4	-27.2	-27.5	-32.4	-34.5	-12.8	-18.9	-33.5
순천시	36.2	27.9	21.0	19.5	17.4	10.0	9.7	4.8	2.1	24.5	18.4	3.5
		-8.3	-15.2	-16.7	-18.8	-26.2	-26.5	-31.4	-34.1	-11.7	-17.8	-32.7
신안군	36.4	20.9	12.8	12.0	9.4	4.0	3.7	0.9	0.4	16.9	10.7	0.6
		-15.5	-23.6	-24.4	-27.0	-32.4	-32.7	-35.5	-36.0	-19.5	-25.7	-35.8
여수시	36.0	27.3	19.8	18.2	16.2	8.8	8.8	3.7	1.7	23.5	17.2	2.7
		-8.7	-16.2	-17.8	-19.8	-27.2	-27.2	-32.3	-34.3	-12.5	-18.8	-33.3
영광군	36.4	23.1	15.3	14.2	11.8	5.7	5.3	1.5	0.6	19.2	13.0	1.0
		-13.3	-21.1	-22.2	-24.6	-30.7	-31.1	-34.9	-35.8	-17.2	-23.4	-35.4
영암군	36.2	25.7	18.2	17.1	14.2	7.5	7.2	2.6	1.2	21.9	15.6	1.9
		-10.5	-18.0	-19.1	-22.0	-28.7	-29.0	-33.6	-35.0	-14.3	-20.6	-34.3
완도군	35.7	24.2	16.2	14.9	12.6	6.2	5.9	1.7	0.8	20.2	13.8	1.2
		-11.5	-19.5	-20.8	-23.1	-29.5	-29.8	-34.0	-34.9	-15.5	-21.9	-34.5
장성군	36.5	26.5	19.6	18.3	15.6	8.4	8.5	3.1	1.4	23.0	17.0	2.2
		-10.0	-16.9	-18.2	-20.9	-28.1	-28.0	-33.4	-35.1	-13.5	-19.5	-34.3
장흥군	36.0	26.5	18.9	17.8	14.9	8.2	8.0	3.1	1.4	22.7	16.3	2.2
		-9.5	-17.1	-18.2	-21.1	-27.8	-28.0	-32.9	-34.6	-13.3	-19.7	-33.8
진도군	36.2	22.1	14.0	13.0	10.5	4.8	4.6	1.2	0.6	18.1	11.7	0.9
		-14.1	-22.2	-23.2	-25.7	-31.4	-31.6	-35.0	-35.6	-18.1	-24.5	-35.3
함평군	36.0	24.8	17.4	16.1	13.6	6.8	6.6	2.2	1.0	21.1	14.9	1.6
		-11.2	-18.6	-19.9	-22.4	-29.2	-29.4	-33.8	-35.0	-14.9	-21.1	-34.4
해남군	35.8	24.2	16.5	15.6	13.0	6.4	6.0	1.8	0.9	20.4	14.3	1.4
		-11.6	-19.3	-20.2	-22.8	-29.4	-29.8	-34.0	-34.9	-15.4	-21.5	-34.4
화순군	36.6	27.0	20.0	18.8	16.1	9.2	9.1	3.9	1.8	23.5	17.5	2.9
		-9.6	-16.6	-17.8	-20.5	-27.4	-27.5	-32.7	-34.8	-13.1	-19.1	-33.7

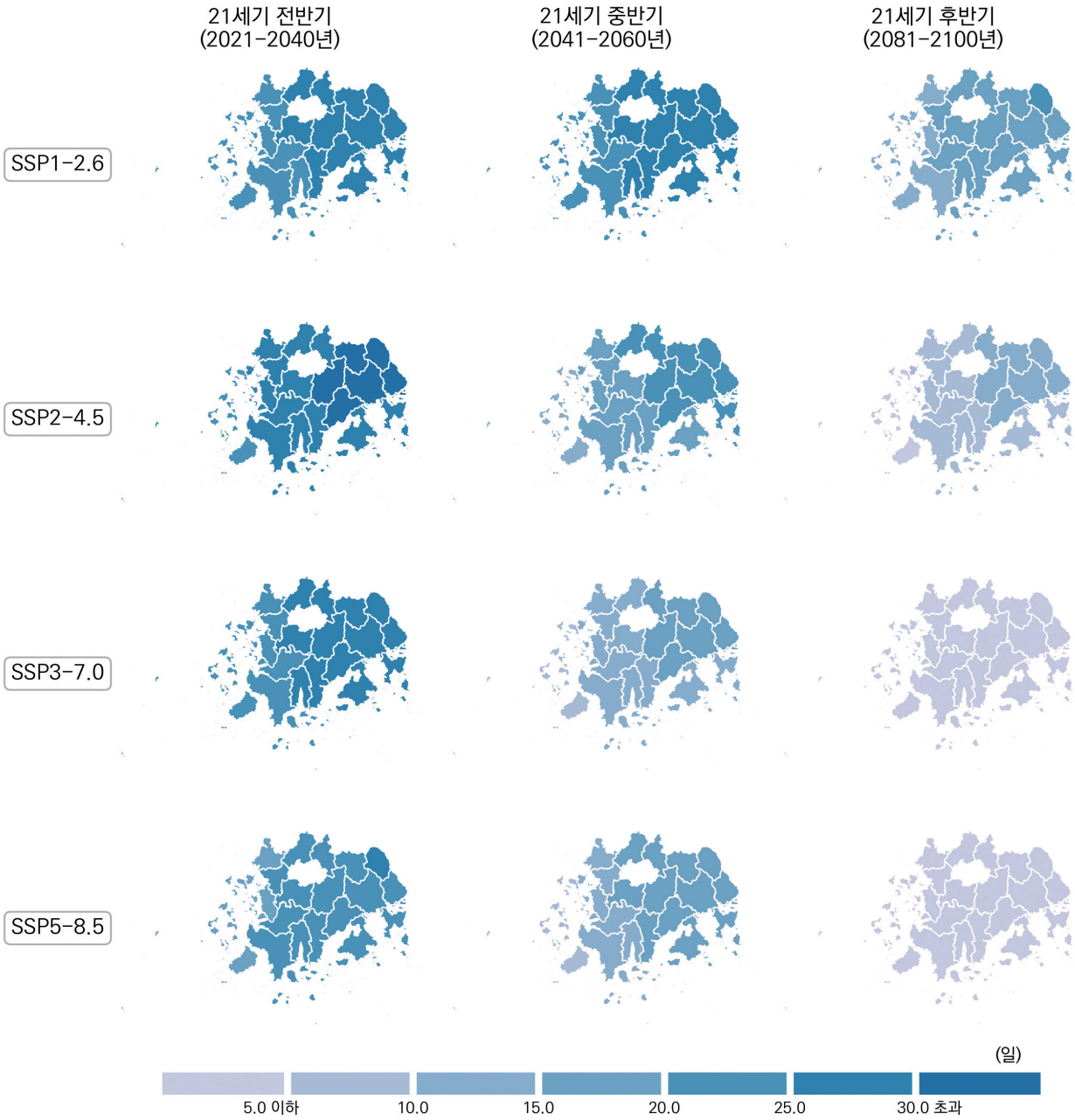


그림 4-31. 전라남도의 한랭야(일) 전망 분포도

표 4-85. 전라남도의 한랭야 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	35.5	28.0	21.9	25.5	25.8	20.9	18.4	18.2	15.4	24.9	25.6	16.8
		-7.5	-13.6	-10.0	-9.7	-14.6	-17.1	-17.3	-20.1	-10.6	-9.9	-18.7
강진군	35.6	27.9	22.1	25.9	25.6	20.8	18.2	17.8	15.4	25.0	25.8	16.6
		-7.7	-13.5	-9.7	-10.0	-14.8	-17.4	-17.8	-20.2	-10.6	-9.8	-19.0
고흥군	36.1	29.0	22.0	25.9	27.1	21.7	19.4	19.3	16.5	25.5	26.5	17.9
		-7.1	-14.1	-10.2	-9.0	-14.4	-16.7	-16.8	-19.6	-10.6	-9.6	-18.2
곡성군	35.0	30.5	24.2	27.7	29.3	24.3	21.5	21.5	18.4	27.4	28.5	20.0
		-4.5	-10.8	-7.3	-5.7	-10.7	-13.5	-13.5	-16.6	-7.6	-6.5	-15.0
광양시	36.0	29.9	22.5	26.8	28.4	23.2	21.3	20.9	18.2	26.2	27.6	19.6
		-6.1	-13.5	-9.2	-7.6	-12.8	-14.7	-15.1	-17.8	-9.8	-8.4	-16.4
구례군	35.8	31.4	24.7	28.4	30.0	25.4	22.4	22.6	19.2	28.1	29.2	20.9
		-4.4	-11.1	-7.4	-5.8	-10.4	-13.4	-13.2	-16.6	-7.7	-6.6	-14.9
나주시	34.8	28.0	22.7	26.2	26.0	21.1	18.6	18.1	16.0	25.4	26.1	17.0
		-6.8	-12.1	-8.6	-8.8	-13.7	-16.2	-16.7	-18.8	-9.4	-8.7	-17.8
담양군	34.6	28.7	23.0	26.1	27.6	22.3	19.9	19.6	17.1	25.8	26.9	18.3
		-5.9	-11.6	-8.5	-7.0	-12.3	-14.7	-15.0	-17.5	-8.8	-7.7	-16.3
목포시	35.4	26.7	20.8	24.0	23.2	18.4	16.0	15.9	12.7	23.8	23.6	14.3
		-8.7	-14.6	-11.4	-12.2	-17.0	-19.4	-19.5	-22.7	-11.6	-11.8	-21.1
무안군	34.7	25.9	20.2	23.7	22.8	18.1	15.5	15.5	12.4	23.1	23.2	13.9
		-8.8	-14.5	-11.0	-11.9	-16.6	-19.2	-19.2	-22.3	-11.6	-11.5	-20.8
보성군	35.5	29.8	23.3	27.0	27.5	22.5	19.8	20.1	17.5	26.6	27.2	18.8
		-5.7	-12.2	-8.5	-8.0	-13.0	-15.7	-15.4	-18.0	-8.9	-8.3	-16.7
순천시	35.8	30.6	23.4	27.6	29.0	23.9	21.0	21.2	18.4	27.0	28.3	19.8
		-5.2	-12.4	-8.2	-6.8	-11.9	-14.8	-14.6	-17.4	-8.8	-7.5	-16.0
신안군	36.3	24.1	17.9	21.4	21.3	16.5	14.2	13.6	10.5	21.0	21.4	12.1
		-12.2	-18.4	-14.9	-15.0	-19.8	-22.1	-22.7	-25.8	-15.3	-14.9	-24.2
여수시	36.3	28.8	21.4	25.8	27.6	22.2	20.2	19.8	17.1	25.1	26.7	18.5
		-7.5	-14.9	-10.5	-8.7	-14.1	-16.1	-16.5	-19.2	-11.2	-9.6	-17.8
영광군	35.1	26.0	20.4	23.8	23.5	18.4	16.0	16.0	13.1	23.2	23.6	14.5
		-9.1	-14.7	-11.3	-11.6	-16.7	-19.1	-19.1	-22.0	-11.9	-11.5	-20.6
영암군	35.2	27.2	21.5	25.2	24.7	19.9	17.4	17.0	14.5	24.3	25.0	15.7
		-8.0	-13.7	-10.0	-10.5	-15.3	-17.8	-18.2	-20.7	-10.9	-10.2	-19.5
완도군	36.8	26.9	20.3	24.2	24.8	19.4	17.1	16.9	14.0	23.6	24.5	15.4
		-9.9	-16.5	-12.6	-12.0	-17.4	-19.7	-19.9	-22.8	-13.2	-12.3	-21.4
장성군	34.8	28.2	23.3	26.4	26.6	21.5	19.3	18.9	16.5	25.8	26.5	17.7
		-6.6	-11.5	-8.4	-8.2	-13.3	-15.5	-15.9	-18.3	-9.0	-8.3	-17.1
장흥군	35.8	28.5	22.5	26.2	26.4	21.4	18.6	18.7	16.0	25.5	26.3	17.3
		-7.3	-13.3	-9.6	-9.4	-14.4	-17.2	-17.1	-19.8	-10.3	-9.5	-18.5
진도군	35.6	24.0	18.0	21.1	20.4	16.0	13.7	13.0	10.4	21.0	20.7	11.7
		-11.6	-17.6	-14.5	-15.2	-19.6	-21.9	-22.6	-25.2	-14.6	-14.9	-23.9
함평군	34.9	26.9	21.8	25.2	24.5	19.6	17.3	16.8	14.3	24.4	24.8	15.6
		-8.0	-13.1	-9.7	-10.4	-15.3	-17.6	-18.1	-20.6	-10.5	-10.1	-19.3
해남군	35.5	26.4	20.8	24.2	23.5	18.9	16.7	15.9	13.5	23.6	23.9	14.7
		-9.1	-14.7	-11.3	-12.0	-16.6	-18.8	-19.6	-22.0	-11.9	-11.6	-20.8
화순군	35.2	29.7	23.7	27.3	28.0	22.9	20.2	20.3	17.6	26.7	27.6	19.0
		-5.5	-11.5	-7.9	-7.2	-12.3	-15.0	-14.9	-17.6	-8.5	-7.6	-16.2

표 4-86. 전라남도의 한랭야 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	35.5	26.6	30.7	19.7	18.7	13.6	14.1	8.0	9.5	28.7	19.2	8.7
		-8.9	-4.8	-15.8	-16.8	-21.9	-21.4	-27.5	-26.0	-6.8	-16.3	-26.8
강진군	35.6	26.9	30.3	19.8	18.7	13.9	14.0	8.0	9.9	28.6	19.3	8.9
		-8.7	-5.3	-15.8	-16.9	-21.7	-21.6	-27.6	-25.7	-7.0	-16.3	-26.7
고흥군	36.1	28.1	31.7	20.3	19.7	14.4	15.4	8.5	9.9	29.9	20.0	9.2
		-8.0	-4.4	-15.8	-16.4	-21.7	-20.7	-27.6	-26.2	-6.2	-16.1	-26.9
곡성군	35.0	30.3	33.7	23.2	21.7	16.6	17.3	10.7	12.2	32.0	22.5	11.4
		-4.7	-1.3	-11.8	-13.3	-18.4	-17.7	-24.3	-22.8	-3.0	-12.5	-23.6
광양시	36.0	29.4	32.8	21.9	21.2	15.6	16.2	10.2	11.2	31.1	21.6	10.7
		-6.6	-3.2	-14.1	-14.8	-20.4	-19.8	-25.8	-24.8	-4.9	-14.4	-25.3
구례군	35.8	31.1	34.6	23.9	22.2	17.5	18.0	11.3	12.6	32.9	23.0	11.9
		-4.7	-1.2	-11.9	-13.6	-18.3	-17.8	-24.5	-23.2	-2.9	-12.8	-23.9
나주시	34.8	26.6	30.7	20.5	19.3	14.0	14.8	8.7	10.5	28.6	19.9	9.6
		-8.2	-4.1	-14.3	-15.5	-20.8	-20.0	-26.1	-24.3	-6.2	-14.9	-25.2
담양군	34.6	27.6	32.1	21.4	20.1	15.1	15.7	9.3	11.1	29.8	20.7	10.2
		-7.0	-2.5	-13.2	-14.5	-19.5	-18.9	-25.3	-23.5	-4.8	-13.9	-24.4
목포시	35.4	24.0	28.6	17.1	15.9	11.3	11.7	5.7	7.2	26.3	16.5	6.5
		-11.4	-6.8	-18.3	-19.5	-24.1	-23.7	-29.7	-28.2	-9.1	-18.9	-28.9
무안군	34.7	23.2	28.1	16.7	15.9	11.0	11.1	5.5	7.3	25.7	16.3	6.4
		-11.5	-6.6	-18.0	-18.8	-23.7	-23.6	-29.2	-27.4	-9.0	-18.4	-28.3
보성군	35.5	29.1	32.9	21.8	20.9	15.6	16.4	9.6	11.1	31.0	21.4	10.3
		-6.4	-2.6	-13.7	-14.6	-19.9	-19.1	-25.9	-24.4	-4.5	-14.1	-25.2
순천시	35.8	30.5	33.6	22.9	21.5	16.0	16.8	10.5	11.6	32.0	22.2	11.0
		-5.3	-2.2	-12.9	-14.3	-19.8	-19.0	-25.3	-24.2	-3.8	-13.6	-24.8
신안군	36.3	21.4	27.2	14.2	13.8	8.9	9.3	3.7	4.5	24.3	14.0	4.1
		-14.9	-9.1	-22.1	-22.5	-27.4	-27.0	-32.6	-31.8	-12.0	-22.3	-32.2
여수시	36.3	28.3	31.5	20.7	20.1	14.6	15.8	8.8	9.8	29.9	20.4	9.3
		-8.0	-4.8	-15.6	-16.2	-21.7	-20.5	-27.5	-26.5	-6.4	-15.9	-27.0
영광군	35.1	23.7	29.1	17.3	16.6	11.6	11.8	5.7	7.4	26.4	17.0	6.5
		-11.4	-6.0	-17.8	-18.5	-23.5	-23.3	-29.4	-27.7	-8.7	-18.1	-28.6
영암군	35.2	25.6	29.4	19.2	17.9	13.0	13.2	7.7	9.3	27.5	18.6	8.5
		-9.6	-5.8	-16.0	-17.3	-22.2	-22.0	-27.5	-25.9	-7.7	-16.6	-26.7
완도군	36.8	25.4	29.7	17.7	16.9	12.0	12.5	5.9	7.5	27.6	17.3	6.7
		-11.4	-7.1	-19.1	-19.9	-24.8	-24.3	-30.9	-29.3	-9.2	-19.5	-30.1
장성군	34.8	27.1	31.7	20.7	19.6	14.4	15.2	9.0	10.9	29.4	20.2	9.9
		-7.7	-3.1	-14.1	-15.2	-20.4	-19.6	-25.8	-23.9	-5.4	-14.6	-24.9
장흥군	35.8	27.5	31.1	20.4	19.6	14.5	15.1	8.5	10.2	29.3	20.0	9.3
		-8.3	-4.7	-15.4	-16.2	-21.3	-20.7	-27.3	-25.6	-6.5	-15.8	-26.5
진도군	35.6	21.0	26.6	14.2	13.5	9.2	8.9	4.2	5.3	23.8	13.8	4.7
		-14.6	-9.0	-21.4	-22.1	-26.4	-26.7	-31.4	-30.3	-11.8	-21.8	-30.9
함평군	34.9	25.0	29.6	18.9	18.0	12.8	13.2	7.4	9.2	27.3	18.4	8.3
		-9.9	-5.3	-16.0	-16.9	-22.1	-21.7	-27.5	-25.7	-7.6	-16.5	-26.6
해남군	35.5	24.7	28.6	17.6	16.6	12.1	11.8	6.7	8.2	26.6	17.1	7.4
		-10.8	-6.9	-17.9	-18.9	-23.4	-23.7	-28.8	-27.3	-8.9	-18.4	-28.1
화순군	35.2	29.0	32.4	22.4	21.0	15.9	16.6	9.9	11.9	30.7	21.7	10.9
		-6.2	-2.8	-12.8	-14.2	-19.3	-18.6	-25.3	-23.3	-4.5	-13.5	-24.3

표 4-87. 전라남도의 한랭야 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	35.5	29.3	21.9	16.2	11.6	8.2	8.1	3.5	1.5	25.6	13.9	2.5
		-6.2	-13.6	-19.3	-23.9	-27.3	-27.4	-32.0	-34.0	-9.9	-21.6	-33.0
강진군	35.6	29.4	21.6	16.4	11.6	8.1	7.8	3.4	1.5	25.5	14.0	2.4
		-6.2	-14.0	-19.2	-24.0	-27.5	-27.8	-32.2	-34.1	-10.1	-21.6	-33.2
고흥군	36.1	29.8	23.1	16.9	12.4	9.2	8.6	3.8	1.4	26.4	14.6	2.6
		-6.3	-13.0	-19.2	-23.7	-26.9	-27.5	-32.3	-34.7	-9.7	-21.5	-33.5
곡성군	35.0	31.9	25.2	19.1	14.3	11.3	11.2	5.4	2.3	28.6	16.7	3.9
		-3.1	-9.8	-15.9	-20.7	-23.7	-23.8	-29.6	-32.7	-6.4	-18.3	-31.1
광양시	36.0	30.5	23.7	18.4	13.9	10.2	10.1	5.1	2.1	27.1	16.2	3.6
		-5.5	-12.3	-17.6	-22.1	-25.8	-25.9	-30.9	-33.9	-8.9	-19.8	-32.4
구례군	35.8	32.9	25.9	19.6	15.0	12.0	11.9	5.8	2.6	29.4	17.3	4.2
		-2.9	-9.9	-16.2	-20.8	-23.8	-23.9	-30.0	-33.2	-6.4	-18.5	-31.6
나주시	34.8	29.6	22.1	16.7	12.1	8.5	8.3	3.8	1.8	25.8	14.4	2.8
		-5.2	-12.7	-18.1	-22.7	-26.3	-26.5	-31.0	-33.0	-9.0	-20.4	-32.0
담양군	34.6	30.2	23.3	17.8	12.9	9.8	9.9	4.4	1.8	26.8	15.4	3.1
		-4.4	-11.3	-16.8	-21.7	-24.8	-24.7	-30.2	-32.8	-7.8	-19.2	-31.5
목포시	35.4	28.2	19.8	13.7	9.1	6.1	5.9	2.0	1.1	24.0	11.4	1.5
		-7.2	-15.6	-21.7	-26.3	-29.3	-29.5	-33.4	-34.3	-11.4	-24.0	-33.9
무안군	34.7	27.4	19.3	13.6	9.2	5.6	5.9	2.0	0.9	23.4	11.4	1.4
		-7.3	-15.4	-21.1	-25.5	-29.1	-28.8	-32.7	-33.8	-11.3	-23.3	-33.3
보성군	35.5	30.7	24.1	18.0	13.4	9.8	9.5	4.5	1.8	27.4	15.7	3.2
		-4.8	-11.4	-17.5	-22.1	-25.7	-26.0	-31.0	-33.7	-8.1	-19.8	-32.3
순천시	35.8	31.7	24.8	18.8	14.0	10.7	10.5	5.0	1.9	28.3	16.4	3.4
		-4.1	-11.0	-17.0	-21.8	-25.1	-25.3	-30.8	-33.9	-7.5	-19.4	-32.4
신안군	36.3	26.0	17.8	11.3	7.5	4.0	4.3	1.0	0.4	21.9	9.4	0.7
		-10.3	-18.5	-25.0	-28.8	-32.3	-32.0	-35.3	-35.9	-14.4	-26.9	-35.6
여수시	36.3	29.6	22.7	17.3	12.8	9.8	9.2	4.1	1.6	26.1	15.0	2.9
		-6.7	-13.6	-19.0	-23.5	-26.5	-27.1	-32.2	-34.7	-10.2	-21.3	-33.4
영광군	35.1	28.1	20.2	14.2	9.8	6.0	6.2	2.2	1.0	24.1	12.0	1.6
		-7.0	-14.9	-20.9	-25.3	-29.1	-28.9	-32.9	-34.1	-11.0	-23.1	-33.5
영암군	35.2	28.7	20.6	15.6	10.9	7.4	7.3	3.1	1.5	24.6	13.2	2.3
		-6.5	-14.6	-19.6	-24.3	-27.8	-27.9	-32.1	-33.7	-10.6	-22.0	-32.9
완도군	36.8	28.1	20.7	14.2	10.0	6.7	6.6	1.9	0.7	24.4	12.1	1.3
		-8.7	-16.1	-22.6	-26.8	-30.1	-30.2	-34.9	-36.1	-12.4	-24.7	-35.5
장성군	34.8	29.8	22.7	17.4	12.6	9.0	9.0	4.2	1.8	26.3	15.0	3.0
		-5.0	-12.1	-17.4	-22.2	-25.8	-25.8	-30.6	-33.0	-8.5	-19.8	-31.8
장흥군	35.8	29.8	22.6	17.0	12.3	8.8	8.3	3.8	1.5	26.2	14.6	2.6
		-6.0	-13.2	-18.8	-23.5	-27.0	-27.5	-32.0	-34.3	-9.6	-21.2	-33.2
진도군	35.6	25.0	16.9	11.2	7.4	4.3	4.2	1.2	0.6	20.9	9.3	0.9
		-10.6	-18.7	-24.4	-28.2	-31.3	-31.4	-34.4	-35.0	-14.7	-26.3	-34.7
함평군	34.9	28.7	21.0	15.6	11.0	7.0	7.2	2.9	1.3	24.9	13.3	2.1
		-6.2	-13.9	-19.3	-23.9	-27.9	-27.7	-32.0	-33.6	-10.0	-21.6	-32.8
해남군	35.5	27.9	19.7	14.6	9.8	6.6	6.4	2.5	1.2	23.8	12.2	1.8
		-7.6	-15.8	-20.9	-25.7	-28.9	-29.1	-33.0	-34.3	-11.7	-23.3	-33.7
화순군	35.2	30.8	24.0	18.4	13.5	10.3	10.1	4.9	2.3	27.4	16.0	3.6
		-4.4	-11.2	-16.8	-21.7	-24.9	-25.1	-30.3	-32.9	-7.8	-19.2	-31.6

표 4-88. 전라남도의 한랭야 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	35.5	25.4	18.3	16.1	12.8	6.0	5.2	1.7	1.0	21.8	14.5	1.3
		-10.1	-17.2	-19.4	-22.7	-29.5	-30.3	-33.8	-34.5	-13.7	-21.0	-34.2
강진군	35.6	25.5	18.8	16.4	12.7	5.8	5.2	1.6	0.9	22.2	14.6	1.2
		-10.1	-16.8	-19.2	-22.9	-29.8	-30.4	-34.0	-34.7	-13.4	-21.0	-34.4
고흥군	36.1	25.8	19.1	17.0	13.7	6.3	5.3	1.8	0.9	22.4	15.3	1.4
		-10.3	-17.0	-19.1	-22.4	-29.8	-30.8	-34.3	-35.2	-13.7	-20.8	-34.7
곡성군	35.0	28.5	21.4	18.9	15.7	8.2	7.6	3.0	1.4	25.0	17.3	2.2
		-6.5	-13.6	-16.1	-19.3	-26.8	-27.4	-32.0	-33.6	-10.0	-17.7	-32.8
광양시	36.0	26.4	19.9	17.7	14.8	7.1	6.4	2.5	1.3	23.1	16.3	1.9
		-9.6	-16.1	-18.3	-21.2	-28.9	-29.6	-33.5	-34.7	-12.9	-19.7	-34.1
구례군	35.8	28.8	21.5	19.4	16.1	8.4	8.1	3.3	1.6	25.1	17.8	2.5
		-7.0	-14.3	-16.4	-19.7	-27.4	-27.7	-32.5	-34.2	-10.7	-18.0	-33.3
나주시	34.8	26.4	19.4	16.9	13.5	6.3	5.9	1.7	1.2	22.9	15.2	1.4
		-8.4	-15.4	-17.9	-21.3	-28.5	-28.9	-33.1	-33.6	-11.9	-19.6	-33.4
담양군	34.6	26.9	19.9	17.6	14.2	7.2	6.8	2.2	1.1	23.4	15.9	1.7
		-7.7	-14.7	-17.0	-20.4	-27.4	-27.8	-32.4	-33.5	-11.2	-18.7	-32.9
목포시	35.4	23.4	15.8	13.8	10.7	4.6	3.1	0.8	0.6	19.6	12.3	0.7
		-12.0	-19.6	-21.6	-24.7	-30.8	-32.3	-34.6	-34.8	-15.8	-23.1	-34.7
무안군	34.7	23.2	15.4	13.6	10.5	4.4	3.0	0.6	0.5	19.3	12.0	0.6
		-11.5	-19.3	-21.1	-24.2	-30.3	-31.7	-34.1	-34.2	-15.4	-22.7	-34.1
보성군	35.5	27.4	20.6	18.1	14.5	7.1	6.5	2.4	1.3	24.0	16.3	1.9
		-8.1	-14.9	-17.4	-21.0	-28.4	-29.0	-33.1	-34.2	-11.5	-19.2	-33.6
순천시	35.8	27.6	21.1	18.7	15.3	7.3	6.8	2.6	1.3	24.4	17.0	2.0
		-8.2	-14.7	-17.1	-20.5	-28.5	-29.0	-33.2	-34.5	-11.4	-18.8	-33.8
신안군	36.3	20.6	12.6	11.0	8.7	3.0	1.4	0.1	0.1	16.6	9.8	0.1
		-15.7	-23.7	-25.3	-27.6	-33.3	-34.9	-36.2	-36.2	-19.7	-26.5	-36.2
여수시	36.3	25.2	18.9	16.8	13.9	6.4	5.3	2.1	1.1	22.0	15.3	1.6
		-11.1	-17.4	-19.5	-22.4	-29.9	-31.0	-34.2	-35.2	-14.3	-21.0	-34.7
영광군	35.1	23.6	15.8	14.2	10.8	4.6	3.3	0.7	0.5	19.7	12.5	0.6
		-11.5	-19.3	-20.9	-24.3	-30.5	-31.8	-34.4	-34.6	-15.4	-22.6	-34.5
영암군	35.2	25.0	18.1	15.8	12.4	5.5	5.0	1.3	0.9	21.5	14.1	1.1
		-10.2	-17.1	-19.4	-22.8	-29.7	-30.2	-33.9	-34.3	-13.7	-21.1	-34.1
완도군	36.8	23.8	16.6	14.5	11.2	4.6	3.6	0.7	0.4	20.2	12.9	0.5
		-13.0	-20.2	-22.3	-25.6	-32.2	-33.2	-36.1	-36.4	-16.6	-23.9	-36.3
장성군	34.8	27.1	19.8	17.7	13.6	6.8	6.3	1.8	1.2	23.4	15.6	1.5
		-7.7	-15.0	-17.1	-21.2	-28.0	-28.5	-33.0	-33.6	-11.4	-19.2	-33.3
장흥군	35.8	26.1	19.4	17.0	13.3	6.1	5.7	1.9	1.0	22.7	15.2	1.4
		-9.7	-16.4	-18.8	-22.5	-29.7	-30.1	-33.9	-34.8	-13.1	-20.6	-34.4
진도군	35.6	20.4	12.9	11.4	8.4	3.1	1.9	0.4	0.3	16.7	9.9	0.4
		-15.2	-22.7	-24.2	-27.2	-32.5	-33.7	-35.2	-35.3	-18.9	-25.7	-35.2
함평군	34.9	25.3	17.9	15.7	12.0	5.4	4.5	1.1	0.9	21.6	13.8	1.0
		-9.6	-17.0	-19.2	-22.9	-29.5	-30.4	-33.8	-34.0	-13.3	-21.1	-33.9
해남군	35.5	24.0	16.6	14.6	11.0	4.9	3.8	1.0	0.7	20.3	12.8	0.9
		-11.5	-18.9	-20.9	-24.5	-30.6	-31.7	-34.5	-34.8	-15.2	-22.7	-34.6
화순군	35.2	27.7	20.9	18.2	14.9	7.6	7.3	2.5	1.5	24.3	16.5	2.0
		-7.5	-14.3	-17.0	-20.3	-27.6	-27.9	-32.7	-33.7	-10.9	-18.7	-33.2

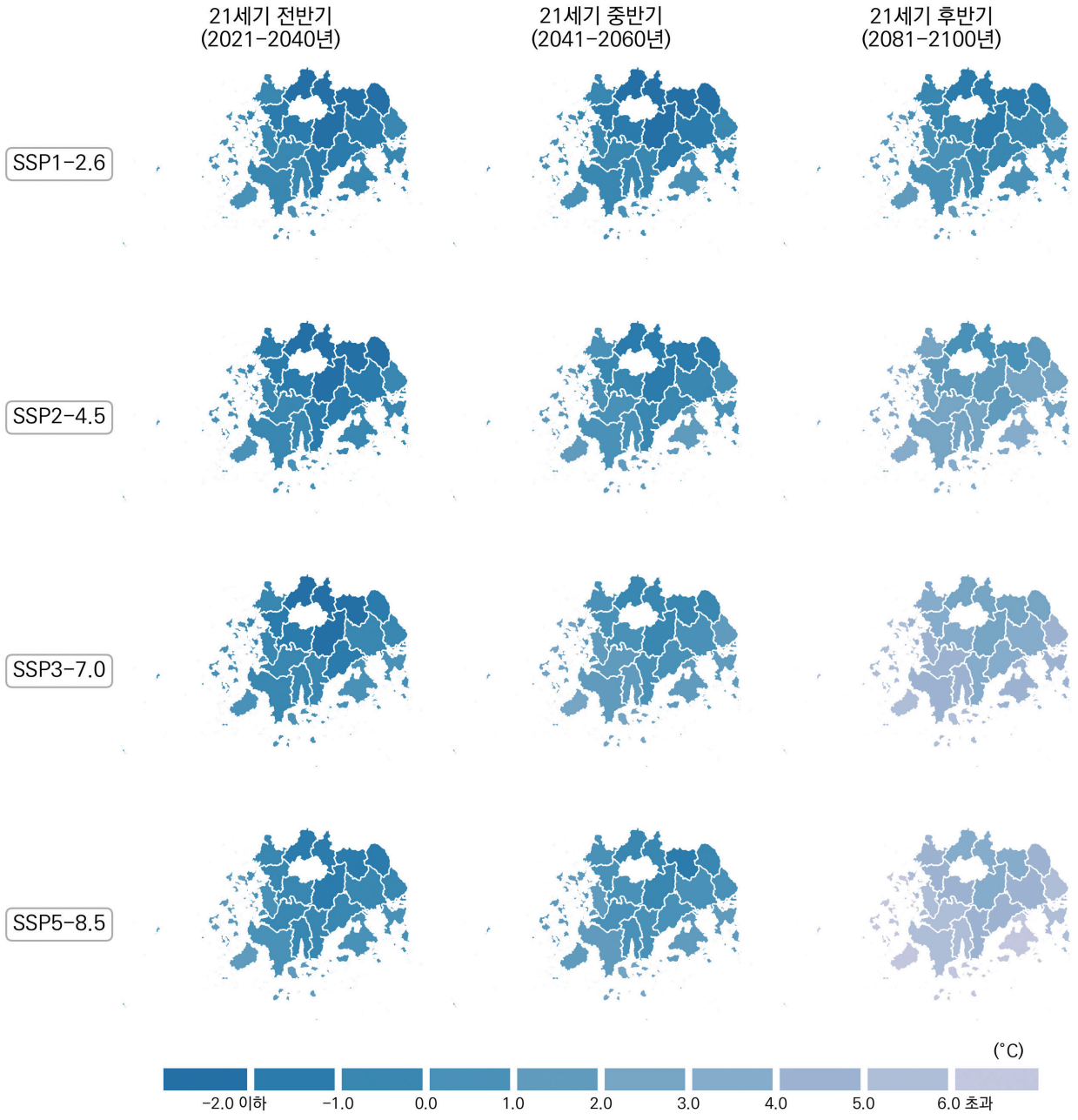


그림 4-32. 전라남도의 일최고기온 연최소(℃) 전망 분포도

표 4-89. 전라남도의 일최고기온 연최소 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	-2.1	-1.1	-0.7	-0.8	-0.7	-0.2	-0.5	0.2	-0.1	-0.9	-0.8	0.1
		+1.0	+1.4	+1.3	+1.4	+1.9	+1.6	+2.3	+2.0	+1.2	+1.3	+2.2
강진군	-1.8	-0.9	-0.5	-0.7	-0.5	0.1	-0.2	0.4	0.2	-0.7	-0.6	0.3
		+0.9	+1.3	+1.1	+1.3	+1.9	+1.6	+2.2	+2.0	+1.1	+1.2	+2.1
고흥군	-0.8	-0.1	0.2	0.1	0.2	0.7	0.5	1.1	1.0	0.0	0.1	1.0
		+0.7	+1.0	+0.9	+1.0	+1.5	+1.3	+1.9	+1.8	+0.8	+0.9	+1.8
곡성군	-3.2	-2.9	-2.4	-2.5	-2.4	-2.1	-2.3	-1.5	-1.7	-2.7	-2.4	-1.6
		+0.3	+0.8	+0.7	+0.8	+1.1	+0.9	+1.7	+1.5	+0.5	+0.8	+1.6
광양시	-1.5	-1.0	-0.5	-0.5	-0.5	-0.1	-0.3	0.4	0.2	-0.7	-0.5	0.3
		+0.5	+1.0	+1.0	+1.0	+1.4	+1.2	+1.9	+1.7	+0.8	+1.0	+1.8
구례군	-2.7	-2.5	-2.1	-2.0	-2.0	-1.7	-1.8	-1.1	-1.3	-2.3	-2.0	-1.2
		+0.2	+0.6	+0.7	+0.7	+1.0	+0.9	+1.6	+1.4	+0.4	+0.7	+1.5
나주시	-2.4	-1.5	-1.3	-1.4	-1.2	-0.7	-1.0	-0.3	-0.6	-1.4	-1.3	-0.5
		+0.9	+1.1	+1.0	+1.2	+1.7	+1.4	+2.1	+1.8	+1.0	+1.1	+1.9
담양군	-3.4	-2.7	-2.2	-2.4	-2.3	-2.0	-2.1	-1.4	-1.6	-2.5	-2.3	-1.5
		+0.7	+1.2	+1.0	+1.1	+1.4	+1.3	+2.0	+1.8	+0.9	+1.1	+1.9
목포시	-1.7	-0.2	0.3	0.1	0.3	0.9	0.5	1.2	0.9	0.1	0.2	1.1
		+1.5	+2.0	+1.8	+2.0	+2.6	+2.2	+2.9	+2.6	+1.8	+1.9	+2.8
무안군	-1.9	-0.5	-0.1	-0.3	-0.2	0.5	0.0	0.8	0.5	-0.3	-0.2	0.6
		+1.4	+1.8	+1.6	+1.7	+2.4	+1.9	+2.7	+2.4	+1.6	+1.7	+2.5
보성군	-2.3	-1.7	-1.5	-1.5	-1.3	-1.0	-1.1	-0.5	-0.6	-1.6	-1.4	-0.5
		+0.6	+0.8	+0.8	+1.0	+1.3	+1.2	+1.8	+1.7	+0.7	+0.9	+1.8
순천시	-2.0	-1.4	-1.1	-1.1	-1.0	-0.7	-0.8	-0.2	-0.3	-1.3	-1.0	-0.2
		+0.6	+0.9	+0.9	+1.0	+1.3	+1.2	+1.8	+1.7	+0.7	+1.0	+1.8
신안군	-1.3	0.3	0.8	0.6	0.8	1.2	0.9	1.9	1.3	0.6	0.7	1.6
		+1.6	+2.1	+1.9	+2.1	+2.5	+2.2	+3.2	+2.6	+1.9	+2.0	+2.9
여수시	-1.3	-0.5	-0.1	-0.2	-0.1	0.4	0.2	0.8	0.6	-0.3	-0.2	0.7
		+0.8	+1.2	+1.1	+1.2	+1.7	+1.5	+2.1	+1.9	+1.0	+1.1	+2.0
영광군	-2.8	-1.2	-0.7	-1.0	-0.8	-0.2	-0.7	0.3	-0.2	-0.9	-0.9	0.0
		+1.6	+2.1	+1.8	+2.0	+2.6	+2.1	+3.1	+2.6	+1.9	+1.9	+2.8
영암군	-1.9	-0.9	-0.6	-0.8	-0.5	0.0	-0.3	0.3	0.1	-0.7	-0.6	0.2
		+1.0	+1.3	+1.1	+1.4	+1.9	+1.6	+2.2	+2.0	+1.2	+1.3	+2.1
완도군	-0.8	0.5	0.9	0.8	0.9	1.5	1.1	1.8	1.6	0.7	0.9	1.7
		+1.3	+1.7	+1.6	+1.7	+2.3	+1.9	+2.6	+2.4	+1.5	+1.7	+2.5
장성군	-3.4	-2.6	-2.1	-2.3	-2.2	-1.8	-2.0	-1.2	-1.5	-2.3	-2.2	-1.3
		+0.8	+1.3	+1.1	+1.2	+1.6	+1.4	+2.2	+1.9	+1.1	+1.2	+2.1
장흥군	-2.2	-1.2	-0.9	-1.0	-0.8	-0.3	-0.6	0.0	-0.1	-1.0	-0.9	0.0
		+1.0	+1.3	+1.2	+1.4	+1.9	+1.6	+2.2	+2.1	+1.2	+1.3	+2.2
진도군	-1.3	0.3	0.9	0.5	0.9	1.4	1.0	1.7	1.4	0.6	0.7	1.6
		+1.6	+2.2	+1.8	+2.2	+2.7	+2.3	+3.0	+2.7	+1.9	+2.0	+2.9
함평군	-2.4	-1.4	-1.0	-1.2	-1.1	-0.5	-1.0	-0.1	-0.4	-1.2	-1.1	-0.3
		+1.0	+1.4	+1.2	+1.3	+1.9	+1.4	+2.3	+2.0	+1.2	+1.3	+2.1
해남군	-1.4	-0.5	0.0	-0.1	0.1	0.7	0.3	0.9	0.7	-0.2	0.0	0.8
		+0.9	+1.4	+1.3	+1.5	+2.1	+1.7	+2.3	+2.1	+1.2	+1.4	+2.2
화순군	-3.1	-2.3	-2.2	-2.2	-2.0	-1.7	-1.8	-1.1	-1.4	-2.3	-2.1	-1.2
		+0.8	+0.9	+0.9	+1.1	+1.4	+1.3	+2.0	+1.7	+0.8	+1.0	+1.9

표 4-90. 전라남도의 일최고기온 연최소 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	-2.1	-1.2	-0.8	0.0	0.3	0.8	0.7	2.2	2.4	-1.0	0.2	2.3
		+0.9	+1.3	+2.1	+2.4	+2.9	+2.8	+4.3	+4.5	+1.1	+2.3	+4.4
강진군	-1.8	-0.9	-0.6	0.3	0.4	0.9	0.8	2.3	2.7	-0.8	0.4	2.5
		+0.9	+1.2	+2.1	+2.2	+2.7	+2.6	+4.1	+4.5	+1.0	+2.2	+4.3
고흥군	-0.8	-0.4	0.1	1.0	1.3	1.7	1.6	3.2	3.4	-0.1	1.1	3.3
		+0.4	+0.9	+1.8	+2.1	+2.5	+2.4	+4.0	+4.2	+0.7	+1.9	+4.1
곡성군	-3.2	-3.0	-2.4	-1.8	-1.2	-0.8	-1.0	0.8	0.9	-2.7	-1.5	0.8
		+0.2	+0.8	+1.4	+2.0	+2.4	+2.2	+4.0	+4.1	+0.5	+1.7	+4.0
광양시	-1.5	-1.3	-0.5	0.1	0.6	0.9	0.9	2.7	2.6	-0.9	0.4	2.7
		+0.2	+1.0	+1.6	+2.1	+2.4	+2.4	+4.2	+4.1	+0.6	+1.9	+4.2
구례군	-2.7	-2.7	-1.9	-1.4	-0.8	-0.4	-0.5	1.2	1.2	-2.3	-1.1	1.2
		+0.0	+0.8	+1.3	+1.9	+2.3	+2.2	+3.9	+3.9	+0.4	+1.6	+3.9
나주시	-2.4	-1.7	-1.3	-0.4	-0.2	0.3	0.1	1.7	2.0	-1.5	-0.3	1.8
		+0.7	+1.1	+2.0	+2.2	+2.7	+2.5	+4.1	+4.4	+0.9	+2.1	+4.2
담양군	-3.4	-2.8	-2.4	-1.6	-1.2	-0.7	-0.9	0.8	1.0	-2.6	-1.4	0.9
		+0.6	+1.0	+1.8	+2.2	+2.7	+2.5	+4.2	+4.4	+0.8	+2.0	+4.3
목포시	-1.7	-0.1	0.2	1.1	1.3	1.6	1.7	3.0	3.3	0.1	1.2	3.1
		+1.6	+1.9	+2.8	+3.0	+3.3	+3.4	+4.7	+5.0	+1.8	+2.9	+4.8
무안군	-1.9	-0.5	-0.2	0.7	0.8	1.3	1.3	2.6	2.9	-0.4	0.8	2.7
		+1.4	+1.7	+2.6	+2.7	+3.2	+3.2	+4.5	+4.8	+1.5	+2.7	+4.6
보성군	-2.3	-1.9	-1.5	-0.7	-0.4	0.1	-0.1	1.7	2.0	-1.7	-0.5	1.8
		+0.4	+0.8	+1.6	+1.9	+2.4	+2.2	+4.0	+4.3	+0.6	+1.8	+4.1
순천시	-2.0	-1.7	-1.1	-0.4	0.1	0.5	0.3	2.2	2.3	-1.4	-0.2	2.2
		+0.3	+0.9	+1.6	+2.1	+2.5	+2.3	+4.2	+4.3	+0.6	+1.8	+4.2
신안군	-1.3	0.5	0.6	1.5	1.7	2.0	2.1	3.4	3.6	0.6	1.6	3.5
		+1.8	+1.9	+2.8	+3.0	+3.3	+3.4	+4.7	+4.9	+1.9	+2.9	+4.8
여수시	-1.3	-0.8	-0.2	0.6	1.1	1.3	1.3	3.0	3.0	-0.5	0.8	3.0
		+0.5	+1.1	+1.9	+2.4	+2.6	+2.6	+4.3	+4.3	+0.8	+2.1	+4.3
영광군	-2.8	-1.1	-1.0	0.1	0.2	0.6	0.6	2.0	2.2	-1.0	0.2	2.1
		+1.7	+1.8	+2.9	+3.0	+3.4	+3.4	+4.8	+5.0	+1.8	+3.0	+4.9
영암군	-1.9	-1.0	-0.6	0.3	0.4	0.9	0.8	2.3	2.6	-0.8	0.4	2.4
		+0.9	+1.3	+2.2	+2.3	+2.8	+2.7	+4.2	+4.5	+1.1	+2.3	+4.3
완도군	-0.8	0.6	0.9	1.7	2.0	2.3	2.3	3.7	3.9	0.7	1.8	3.8
		+1.4	+1.7	+2.5	+2.8	+3.1	+3.1	+4.5	+4.7	+1.5	+2.6	+4.6
장성군	-3.4	-2.6	-2.2	-1.4	-1.1	-0.6	-0.8	0.8	1.1	-2.4	-1.3	0.9
		+0.8	+1.2	+2.0	+2.3	+2.8	+2.6	+4.2	+4.5	+1.0	+2.1	+4.3
장흥군	-2.2	-1.3	-1.0	-0.1	0.1	0.7	0.5	2.0	2.4	-1.1	0.0	2.2
		+0.9	+1.2	+2.1	+2.3	+2.9	+2.7	+4.2	+4.6	+1.1	+2.2	+4.4
진도군	-1.3	0.6	0.7	1.6	1.8	2.0	2.1	3.5	3.7	0.6	1.7	3.6
		+1.9	+2.0	+2.9	+3.1	+3.3	+3.4	+4.8	+5.0	+1.9	+3.0	+4.9
함평군	-2.4	-1.5	-1.2	-0.2	0.0	0.4	0.3	1.9	2.0	-1.3	-0.1	1.9
		+0.9	+1.2	+2.2	+2.4	+2.8	+2.7	+4.3	+4.4	+1.1	+2.3	+4.3
해남군	-1.4	-0.4	0.0	0.9	1.0	1.4	1.4	2.8	3.2	-0.2	0.9	3.0
		+1.0	+1.4	+2.3	+2.4	+2.8	+2.8	+4.2	+4.6	+1.2	+2.3	+4.4
화순군	-3.1	-2.5	-2.2	-1.4	-1.0	-0.5	-0.8	1.0	1.2	-2.3	-1.2	1.1
		+0.6	+0.9	+1.7	+2.1	+2.6	+2.3	+4.1	+4.3	+0.8	+1.9	+4.2

표 4-91. 전라남도의 일최고기온 연최소 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	-2.1	-0.8	-0.5	0.7	1.4	2.3	2.4	3.3	4.6	-0.7	1.0	3.9
		+1.3	+1.6	+2.8	+3.5	+4.4	+4.5	+5.4	+6.7	+1.4	+3.1	+6.0
강진군	-1.8	-0.6	-0.2	0.8	1.7	2.5	2.6	3.6	4.8	-0.4	1.3	4.2
		+1.2	+1.6	+2.6	+3.5	+4.3	+4.4	+5.4	+6.6	+1.4	+3.1	+6.0
고흥군	-0.8	0.2	0.5	1.6	2.3	3.1	3.3	4.2	5.4	0.4	1.9	4.8
		+1.0	+1.3	+2.4	+3.1	+3.9	+4.1	+5.0	+6.2	+1.2	+2.7	+5.6
곡성군	-3.2	-2.4	-2.3	-0.8	-0.3	0.8	0.7	1.7	3.2	-2.4	-0.5	2.4
		+0.8	+0.9	+2.4	+2.9	+4.0	+3.9	+4.9	+6.4	+0.8	+2.7	+5.6
광양시	-1.5	-0.4	-0.2	1.1	1.5	2.5	2.7	3.6	4.8	-0.3	1.3	4.2
		+1.1	+1.3	+2.6	+3.0	+4.0	+4.2	+5.1	+6.3	+1.2	+2.8	+5.7
구례군	-2.7	-2.0	-1.8	-0.4	0.2	1.3	1.1	2.2	3.5	-1.9	-0.1	2.9
		+0.7	+0.9	+2.3	+2.9	+4.0	+3.8	+4.9	+6.2	+0.8	+2.6	+5.6
나주시	-2.4	-1.3	-0.9	0.1	1.0	2.0	1.9	2.9	4.2	-1.1	0.5	3.6
		+1.1	+1.5	+2.5	+3.4	+4.4	+4.3	+5.3	+6.6	+1.3	+2.9	+6.0
담양군	-3.4	-2.4	-2.1	-0.9	-0.1	0.9	0.9	1.8	3.2	-2.3	-0.5	2.5
		+1.0	+1.3	+2.5	+3.3	+4.3	+4.3	+5.2	+6.6	+1.1	+2.9	+5.9
목포시	-1.7	-0.1	0.4	1.6	2.3	3.1	3.4	4.3	5.4	0.2	1.9	4.9
		+1.6	+2.1	+3.3	+4.0	+4.8	+5.1	+6.0	+7.1	+1.9	+3.6	+6.6
무안군	-1.9	-0.4	0.0	1.1	1.9	2.8	3.0	3.9	5.0	-0.2	1.5	4.4
		+1.5	+1.9	+3.0	+3.8	+4.7	+4.9	+5.8	+6.9	+1.7	+3.4	+6.3
보성군	-2.3	-1.4	-1.1	0.1	0.8	1.7	1.7	2.7	4.1	-1.2	0.5	3.4
		+0.9	+1.2	+2.4	+3.1	+4.0	+4.0	+5.0	+6.4	+1.1	+2.8	+5.7
순천시	-2.0	-0.9	-0.7	0.5	1.0	2.1	2.2	3.1	4.4	-0.8	0.8	3.8
		+1.1	+1.3	+2.5	+3.0	+4.1	+4.2	+5.1	+6.4	+1.2	+2.8	+5.8
신안군	-1.3	0.3	0.9	2.0	2.7	3.5	3.9	4.8	5.7	0.6	2.4	5.3
		+1.6	+2.2	+3.3	+4.0	+4.8	+5.2	+6.1	+7.0	+1.9	+3.7	+6.6
여수시	-1.3	0.0	0.2	1.4	1.9	2.8	3.1	3.9	5.2	0.1	1.6	4.5
		+1.3	+1.5	+2.7	+3.2	+4.1	+4.4	+5.2	+6.5	+1.4	+2.9	+5.8
영광군	-2.8	-1.1	-0.7	0.5	1.3	2.2	2.3	3.4	4.4	-0.9	0.9	3.9
		+1.7	+2.1	+3.3	+4.1	+5.0	+5.1	+6.2	+7.2	+1.9	+3.7	+6.7
영암군	-1.9	-0.7	-0.3	0.8	1.7	2.5	2.6	3.6	4.7	-0.5	1.2	4.1
		+1.2	+1.6	+2.7	+3.6	+4.4	+4.5	+5.5	+6.6	+1.4	+3.1	+6.0
완도군	-0.8	0.8	1.2	2.3	3.0	3.7	4.0	4.8	6.0	1.0	2.7	5.4
		+1.6	+2.0	+3.1	+3.8	+4.5	+4.8	+5.6	+6.8	+1.8	+3.5	+6.2
장성군	-3.4	-2.3	-2.0	-0.9	0.0	1.1	1.0	1.9	3.3	-2.1	-0.4	2.6
		+1.1	+1.4	+2.5	+3.4	+4.5	+4.4	+5.3	+6.7	+1.3	+3.0	+6.0
장흥군	-2.2	-0.9	-0.5	0.6	1.4	2.2	2.3	3.2	4.5	-0.7	1.0	3.9
		+1.3	+1.7	+2.8	+3.6	+4.4	+4.5	+5.4	+6.7	+1.5	+3.2	+6.1
진도군	-1.3	0.4	1.0	2.1	2.8	3.5	3.9	4.7	5.7	0.7	2.4	5.2
		+1.7	+2.3	+3.4	+4.1	+4.8	+5.2	+6.0	+7.0	+2.0	+3.7	+6.5
함평군	-2.4	-1.2	-0.8	0.2	1.1	2.1	2.1	3.1	4.2	-1.0	0.7	3.6
		+1.2	+1.6	+2.6	+3.5	+4.5	+4.5	+5.5	+6.6	+1.4	+3.1	+6.0
해남군	-1.4	-0.2	0.3	1.4	2.2	2.9	3.1	4.1	5.2	0.0	1.8	4.6
		+1.2	+1.7	+2.8	+3.6	+4.3	+4.5	+5.5	+6.6	+1.4	+3.2	+6.0
화순군	-3.1	-2.1	-1.9	-0.6	0.1	1.1	1.1	2.0	3.5	-2.0	-0.2	2.7
		+1.0	+1.2	+2.5	+3.2	+4.2	+4.2	+5.1	+6.6	+1.1	+2.9	+5.8

표 4-92. 전라남도의 일최고기온 연최소 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	-2.1	-0.3	-0.2	0.6	0.7	2.0	3.0	4.8	5.4	-0.2	0.6	5.1
		+1.8	+1.9	+2.7	+2.8	+4.1	+5.1	+6.9	+7.5	+1.9	+2.7	+7.2
강진군	-1.8	-0.1	0.1	0.7	0.9	2.2	3.3	5.0	5.6	0.0	0.8	5.3
		+1.7	+1.9	+2.5	+2.7	+4.0	+5.1	+6.8	+7.4	+1.8	+2.6	+7.1
고흥군	-0.8	0.7	0.7	1.4	1.7	2.8	3.8	5.8	6.4	0.7	1.5	6.1
		+1.5	+1.5	+2.2	+2.5	+3.6	+4.6	+6.6	+7.2	+1.5	+2.3	+6.9
곡성군	-3.2	-1.7	-1.9	-1.0	-0.9	0.4	1.3	3.3	4.1	-1.8	-1.0	3.7
		+1.5	+1.3	+2.2	+2.3	+3.6	+4.5	+6.5	+7.3	+1.4	+2.2	+6.9
광양시	-1.5	0.2	-0.1	0.8	0.9	2.2	3.0	5.1	5.8	0.0	0.8	5.4
		+1.7	+1.4	+2.3	+2.4	+3.7	+4.5	+6.6	+7.3	+1.5	+2.3	+6.9
구례군	-2.7	-1.2	-1.5	-0.6	-0.6	0.7	1.6	3.7	4.5	-1.4	-0.6	4.1
		+1.5	+1.2	+2.1	+2.1	+3.4	+4.3	+6.4	+7.2	+1.3	+2.1	+6.8
나주시	-2.4	-0.8	-0.7	0.2	0.3	1.5	2.6	4.4	5.0	-0.7	0.2	4.7
		+1.6	+1.7	+2.6	+2.7	+3.9	+5.0	+6.8	+7.4	+1.7	+2.6	+7.1
담양군	-3.4	-1.7	-1.8	-0.9	-0.7	0.4	1.5	3.5	4.2	-1.8	-0.8	3.8
		+1.7	+1.6	+2.5	+2.7	+3.8	+4.9	+6.9	+7.6	+1.6	+2.6	+7.2
목포시	-1.7	0.5	0.9	1.6	1.6	3.1	4.0	5.6	6.1	0.7	1.6	5.8
		+2.2	+2.6	+3.3	+3.3	+4.8	+5.7	+7.3	+7.8	+2.4	+3.3	+7.5
무안군	-1.9	0.1	0.5	1.2	1.2	2.8	3.7	5.2	5.7	0.3	1.2	5.5
		+2.0	+2.4	+3.1	+3.1	+4.7	+5.6	+7.1	+7.6	+2.2	+3.1	+7.4
보성군	-2.3	-0.7	-0.9	0.0	0.2	1.3	2.4	4.3	5.0	-0.8	0.1	4.7
		+1.6	+1.4	+2.3	+2.5	+3.6	+4.7	+6.6	+7.3	+1.5	+2.4	+7.0
순천시	-2.0	-0.3	-0.6	0.3	0.4	1.7	2.6	4.6	5.4	-0.4	0.4	5.0
		+1.7	+1.4	+2.3	+2.4	+3.7	+4.6	+6.6	+7.4	+1.6	+2.4	+7.0
신안군	-1.3	0.8	1.5	2.1	1.9	3.6	4.5	5.9	6.4	1.1	2.0	6.2
		+2.1	+2.8	+3.4	+3.2	+4.9	+5.8	+7.2	+7.7	+2.4	+3.3	+7.5
여수시	-1.3	0.4	0.3	1.1	1.3	2.5	3.4	5.5	6.0	0.4	1.2	5.7
		+1.7	+1.6	+2.4	+2.6	+3.8	+4.7	+6.8	+7.3	+1.7	+2.5	+7.0
영광군	-2.8	-0.6	-0.2	0.5	0.6	2.1	3.0	4.7	5.2	-0.4	0.5	4.9
		+2.2	+2.6	+3.3	+3.4	+4.9	+5.8	+7.5	+8.0	+2.4	+3.3	+7.7
영암군	-1.9	-0.2	0.0	0.8	0.9	2.2	3.3	4.9	5.5	-0.1	0.8	5.2
		+1.7	+1.9	+2.7	+2.8	+4.1	+5.2	+6.8	+7.4	+1.8	+2.7	+7.1
완도군	-0.8	1.1	1.5	2.1	2.4	3.6	4.5	6.2	6.7	1.3	2.2	6.5
		+1.9	+2.3	+2.9	+3.2	+4.4	+5.3	+7.0	+7.5	+2.1	+3.0	+7.3
장성군	-3.4	-1.7	-1.6	-0.8	-0.6	0.6	1.7	3.7	4.2	-1.7	-0.7	3.9
		+1.7	+1.8	+2.6	+2.8	+4.0	+5.1	+7.1	+7.6	+1.7	+2.7	+7.3
장흥군	-2.2	-0.4	-0.3	0.4	0.7	1.8	3.0	4.7	5.4	-0.3	0.6	5.0
		+1.8	+1.9	+2.6	+2.9	+4.0	+5.2	+6.9	+7.6	+1.9	+2.8	+7.2
진도군	-1.3	0.9	1.5	2.1	2.0	3.6	4.5	5.9	6.4	1.2	2.0	6.2
		+2.2	+2.8	+3.4	+3.3	+4.9	+5.8	+7.2	+7.7	+2.5	+3.3	+7.5
함평군	-2.4	-0.7	-0.4	0.3	0.4	1.8	2.9	4.5	5.0	-0.6	0.4	4.8
		+1.7	+2.0	+2.7	+2.8	+4.2	+5.3	+6.9	+7.4	+1.8	+2.8	+7.2
해남군	-1.4	0.3	0.7	1.3	1.4	2.8	3.8	5.4	6.0	0.5	1.3	5.7
		+1.7	+2.1	+2.7	+2.8	+4.2	+5.2	+6.8	+7.4	+1.9	+2.7	+7.1
화순군	-3.1	-1.5	-1.6	-0.7	-0.5	0.6	1.8	3.6	4.3	-1.5	-0.6	4.0
		+1.6	+1.5	+2.4	+2.6	+3.7	+4.9	+6.7	+7.4	+1.6	+2.5	+7.1

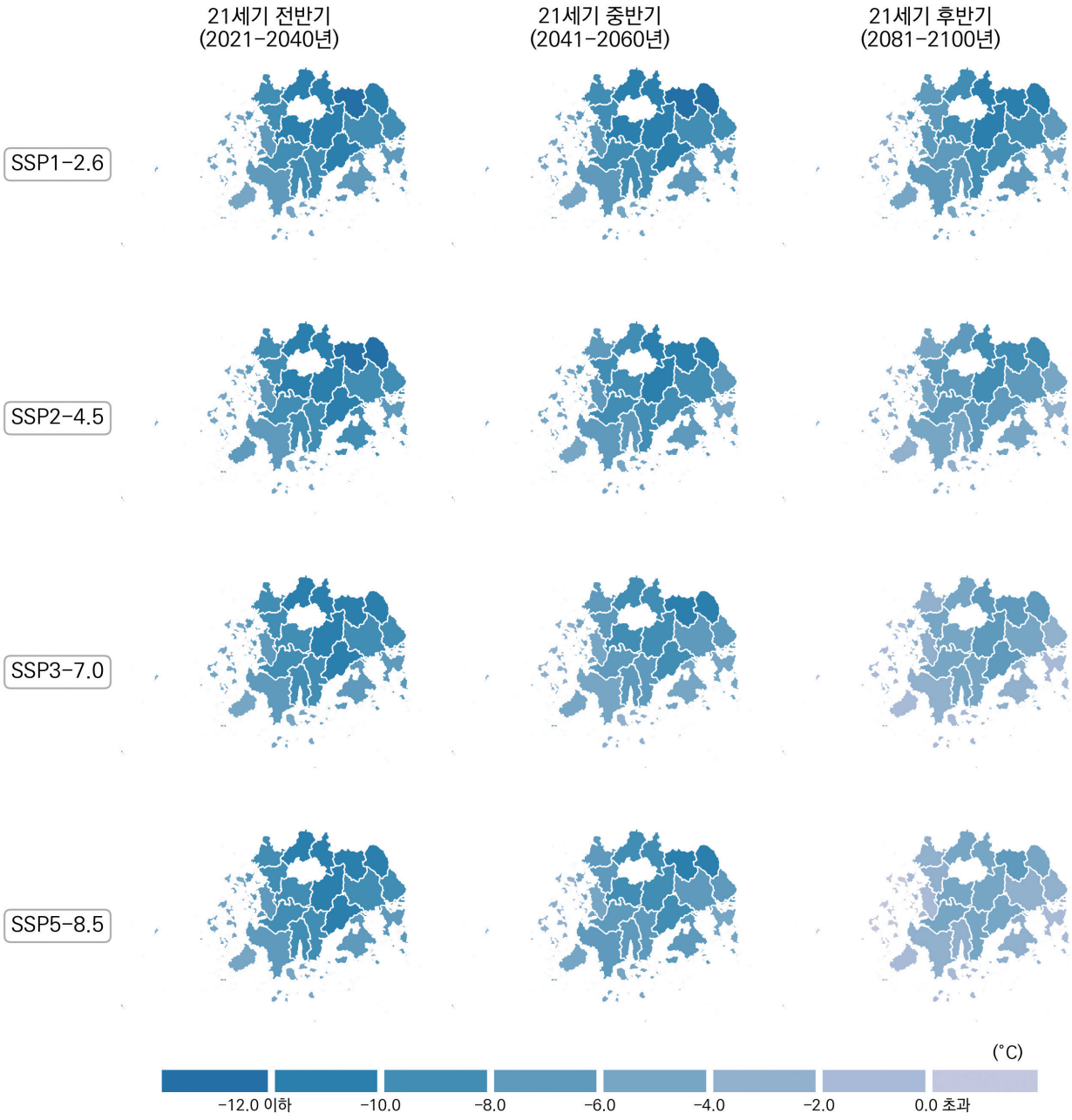


그림 4-33. 전라남도의 일최저기온 연최소(℃) 전망 분포도

표 4-93. 전라남도의 일최저기온 연최소 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	-9.8	-9.2	-8.3	-8.8	-8.9	-7.9	-8.1	-7.4	-7.6	-8.7	-8.9	-7.5
		+0.6	+1.5	+1.0	+0.9	+1.9	+1.7	+2.4	+2.2	+1.1	+0.9	+2.3
강진군	-9.4	-8.8	-8.0	-8.5	-8.7	-7.5	-7.8	-7.2	-7.4	-8.4	-8.6	-7.3
		+0.6	+1.4	+0.9	+0.7	+1.9	+1.6	+2.2	+2.0	+1.0	+0.8	+2.1
고흥군	-8.2	-8.0	-7.2	-7.6	-7.9	-6.8	-7.1	-6.4	-6.4	-7.6	-7.8	-6.4
		+0.2	+1.0	+0.6	+0.3	+1.4	+1.1	+1.8	+1.8	+0.6	+0.4	+1.8
곡성군	-12.9	-12.7	-11.6	-12.2	-12.3	-11.3	-11.6	-10.9	-10.8	-12.1	-12.2	-10.8
		+0.2	+1.3	+0.7	+0.6	+1.6	+1.3	+2.0	+2.1	+0.8	+0.7	+2.1
광양시	-9.0	-9.0	-8.3	-8.7	-8.9	-7.9	-8.2	-7.5	-7.6	-8.6	-8.8	-7.6
		+0.0	+0.7	+0.3	+0.1	+1.1	+0.8	+1.5	+1.4	+0.4	+0.2	+1.4
구례군	-11.8	-12.4	-11.4	-11.9	-12.0	-11.0	-11.4	-10.6	-10.5	-11.9	-12.0	-10.6
		-0.6	+0.4	-0.1	-0.2	+0.8	+0.4	+1.2	+1.3	-0.1	-0.2	+1.2
나주시	-11.2	-10.5	-9.6	-10.2	-10.1	-9.1	-9.4	-8.7	-9.0	-10.0	-10.2	-8.8
		+0.7	+1.6	+1.0	+1.1	+2.1	+1.8	+2.5	+2.2	+1.2	+1.0	+2.4
담양군	-12.6	-11.9	-10.7	-11.6	-11.6	-10.6	-10.8	-10.1	-10.1	-11.3	-11.6	-10.1
		+0.7	+1.9	+1.0	+1.0	+2.0	+1.8	+2.5	+2.5	+1.3	+1.0	+2.5
목포시	-8.0	-7.1	-6.2	-6.8	-6.7	-5.9	-6.0	-5.1	-5.6	-6.6	-6.8	-5.4
		+0.9	+1.8	+1.2	+1.3	+2.1	+2.0	+2.9	+2.4	+1.4	+1.2	+2.6
무안군	-8.8	-7.9	-7.0	-7.6	-7.6	-6.6	-6.7	-5.9	-6.3	-7.4	-7.6	-6.1
		+0.9	+1.8	+1.2	+1.2	+2.2	+2.1	+2.9	+2.5	+1.4	+1.2	+2.7
보성군	-11.3	-11.1	-10.2	-10.7	-10.9	-9.7	-10.2	-9.6	-9.5	-10.7	-10.8	-9.5
		+0.2	+1.1	+0.6	+0.4	+1.6	+1.1	+1.7	+1.8	+0.6	+0.5	+1.8
순천시	-9.5	-9.9	-8.8	-9.4	-9.5	-8.4	-8.9	-8.2	-8.1	-9.3	-9.4	-8.2
		-0.4	+0.7	+0.1	+0.0	+1.1	+0.6	+1.3	+1.4	+0.2	+0.1	+1.3
신안군	-6.4	-5.3	-4.4	-4.9	-4.9	-4.3	-4.3	-3.5	-4.0	-4.8	-4.9	-3.7
		+1.1	+2.0	+1.5	+1.5	+2.1	+2.1	+2.9	+2.4	+1.6	+1.5	+2.7
여수시	-7.8	-6.8	-6.1	-6.5	-6.7	-5.8	-6.0	-5.3	-5.4	-6.5	-6.6	-5.4
		+1.0	+1.7	+1.3	+1.1	+2.0	+1.8	+2.5	+2.4	+1.3	+1.2	+2.4
영광군	-10.3	-9.0	-7.9	-8.8	-8.6	-7.8	-7.7	-6.9	-7.5	-8.5	-8.7	-7.2
		+1.3	+2.4	+1.5	+1.7	+2.5	+2.6	+3.4	+2.8	+1.8	+1.6	+3.1
영암군	-10.4	-9.4	-8.6	-9.2	-9.2	-8.0	-8.3	-7.6	-8.0	-9.0	-9.2	-7.8
		+1.0	+1.8	+1.2	+1.2	+2.4	+2.1	+2.8	+2.4	+1.4	+1.2	+2.6
완도군	-6.4	-6.0	-5.2	-5.7	-5.8	-4.7	-4.9	-4.3	-4.3	-5.6	-5.7	-4.3
		+0.4	+1.2	+0.7	+0.6	+1.7	+1.5	+2.1	+2.1	+0.8	+0.7	+2.1
장성군	-12.1	-11.3	-10.2	-11.1	-10.8	-10.0	-10.1	-9.3	-9.6	-10.8	-11.0	-9.5
		+0.8	+1.9	+1.0	+1.3	+2.1	+2.0	+2.8	+2.5	+1.3	+1.1	+2.6
장흥군	-10.3	-9.8	-9.0	-9.5	-9.6	-8.4	-8.8	-8.3	-8.3	-9.4	-9.5	-8.3
		+0.5	+1.3	+0.8	+0.7	+1.9	+1.5	+2.0	+2.0	+0.9	+0.8	+2.0
진도군	-7.2	-6.2	-5.4	-5.8	-5.9	-5.0	-5.1	-4.5	-4.7	-5.8	-5.9	-4.6
		+1.0	+1.8	+1.4	+1.3	+2.2	+2.1	+2.7	+2.5	+1.4	+1.3	+2.6
함평군	-10.5	-9.5	-8.6	-9.5	-9.3	-8.2	-8.4	-7.5	-8.0	-9.1	-9.4	-7.8
		+1.0	+1.9	+1.0	+1.2	+2.3	+2.1	+3.0	+2.5	+1.4	+1.1	+2.7
해남군	-8.9	-8.0	-7.2	-7.7	-7.9	-6.7	-6.9	-6.2	-6.5	-7.6	-7.8	-6.3
		+0.9	+1.7	+1.2	+1.0	+2.2	+2.0	+2.7	+2.4	+1.3	+1.1	+2.6
화순군	-12.1	-11.7	-10.7	-11.2	-11.2	-10.3	-10.6	-10.0	-10.1	-11.2	-11.2	-10.0
		+0.4	+1.4	+0.9	+0.9	+1.8	+1.5	+2.1	+2.0	+0.9	+0.9	+2.1

표 4-94. 전라남도의 일최저기온 연최소 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	-9.8	-9.3	-9.1	-7.9	-7.7	-7.1	-6.9	-5.9	-5.8	-9.2	-7.8	-5.8
		+0.5	+0.7	+1.9	+2.1	+2.7	+2.9	+3.9	+4.0	+0.6	+2.0	+4.0
강진군	-9.4	-9.0	-8.7	-7.7	-7.6	-7.0	-6.7	-5.9	-5.9	-8.8	-7.7	-5.9
		+0.4	+0.7	+1.7	+1.8	+2.4	+2.7	+3.5	+3.5	+0.6	+1.7	+3.5
고흥군	-8.2	-8.2	-7.9	-6.8	-6.6	-6.1	-5.7	-4.9	-4.7	-8.0	-6.7	-4.8
		+0.0	+0.3	+1.4	+1.6	+2.1	+2.5	+3.3	+3.5	+0.2	+1.5	+3.4
곡성군	-12.9	-12.7	-12.4	-11.3	-10.9	-10.3	-10.5	-9.1	-8.8	-12.6	-11.1	-9.0
		+0.2	+0.5	+1.6	+2.0	+2.6	+2.4	+3.8	+4.1	+0.3	+1.8	+3.9
광양시	-9.0	-9.3	-9.1	-8.0	-7.7	-7.1	-6.7	-5.8	-5.6	-9.2	-7.9	-5.7
		-0.3	-0.1	+1.0	+1.3	+1.9	+2.3	+3.2	+3.4	-0.2	+1.1	+3.3
구례군	-11.8	-12.4	-12.3	-11.1	-10.7	-10.1	-10.0	-8.9	-8.5	-12.4	-10.9	-8.7
		-0.6	-0.5	+0.7	+1.1	+1.7	+1.8	+2.9	+3.3	-0.6	+0.9	+3.1
나주시	-11.2	-10.6	-10.6	-9.1	-9.0	-8.3	-8.4	-7.1	-7.1	-10.6	-9.0	-7.1
		+0.6	+0.6	+2.1	+2.2	+2.9	+2.8	+4.1	+4.1	+0.6	+2.2	+4.1
담양군	-12.6	-12.0	-11.8	-10.4	-10.2	-9.5	-9.9	-8.3	-8.1	-11.9	-10.3	-8.2
		+0.6	+0.8	+2.2	+2.4	+3.1	+2.7	+4.3	+4.5	+0.7	+2.3	+4.4
목포시	-8.0	-7.1	-6.9	-5.8	-5.8	-5.1	-4.6	-3.7	-3.8	-7.0	-5.8	-3.8
		+0.9	+1.1	+2.2	+2.2	+2.9	+3.4	+4.3	+4.2	+1.0	+2.2	+4.2
무안군	-8.8	-7.9	-7.8	-6.4	-6.5	-5.8	-5.4	-4.4	-4.5	-7.9	-6.5	-4.4
		+0.9	+1.0	+2.4	+2.3	+3.0	+3.4	+4.4	+4.3	+0.9	+2.3	+4.4
보성군	-11.3	-11.4	-11.0	-10.0	-9.7	-9.1	-8.9	-8.0	-7.9	-11.2	-9.8	-7.9
		-0.1	+0.3	+1.3	+1.6	+2.2	+2.4	+3.3	+3.4	+0.1	+1.5	+3.4
순천시	-9.5	-10.0	-9.6	-8.6	-8.3	-7.7	-7.5	-6.4	-6.3	-9.8	-8.4	-6.4
		-0.5	-0.1	+0.9	+1.2	+1.8	+2.0	+3.1	+3.2	-0.3	+1.1	+3.1
신안군	-6.4	-5.3	-5.3	-4.0	-4.0	-3.5	-3.0	-2.1	-1.9	-5.3	-4.0	-2.0
		+1.1	+1.1	+2.4	+2.4	+2.9	+3.4	+4.3	+4.5	+1.1	+2.4	+4.4
여수시	-7.8	-7.0	-6.7	-5.8	-5.5	-4.9	-4.6	-3.7	-3.5	-6.9	-5.6	-3.6
		+0.8	+1.1	+2.0	+2.3	+2.9	+3.2	+4.1	+4.3	+0.9	+2.2	+4.2
영광군	-10.3	-9.1	-9.0	-7.4	-7.6	-6.7	-6.6	-5.3	-5.4	-9.0	-7.5	-5.4
		+1.2	+1.3	+2.9	+2.7	+3.6	+3.7	+5.0	+4.9	+1.3	+2.8	+4.9
영암군	-10.4	-9.5	-9.3	-8.2	-8.0	-7.4	-7.1	-6.2	-6.2	-9.4	-8.1	-6.2
		+0.9	+1.1	+2.2	+2.4	+3.0	+3.3	+4.2	+4.2	+1.0	+2.3	+4.2
완도군	-6.4	-5.9	-5.7	-4.9	-4.7	-4.2	-3.6	-2.9	-2.8	-5.8	-4.8	-2.9
		+0.5	+0.7	+1.5	+1.7	+2.2	+2.8	+3.5	+3.6	+0.6	+1.6	+3.5
장성군	-12.1	-11.4	-11.4	-9.9	-9.6	-9.0	-9.2	-7.7	-7.7	-11.4	-9.7	-7.7
		+0.7	+0.7	+2.2	+2.5	+3.1	+2.9	+4.4	+4.4	+0.7	+2.4	+4.4
장흥군	-10.3	-10.0	-9.7	-8.7	-8.5	-7.9	-7.6	-6.8	-6.7	-9.9	-8.6	-6.7
		+0.3	+0.6	+1.6	+1.8	+2.4	+2.7	+3.5	+3.6	+0.4	+1.7	+3.6
진도군	-7.2	-6.0	-6.0	-4.9	-5.0	-4.5	-3.9	-3.1	-3.1	-6.0	-4.9	-3.1
		+1.2	+1.2	+2.3	+2.2	+2.7	+3.3	+4.1	+4.1	+1.2	+2.3	+4.1
함평군	-10.5	-9.7	-9.7	-8.0	-8.1	-7.4	-7.3	-6.1	-6.2	-9.7	-8.1	-6.1
		+0.8	+0.8	+2.5	+2.4	+3.1	+3.2	+4.4	+4.3	+0.8	+2.4	+4.4
해남군	-8.9	-7.9	-7.8	-6.8	-6.8	-6.1	-5.7	-5.0	-5.1	-7.8	-6.8	-5.0
		+1.0	+1.1	+2.1	+2.1	+2.8	+3.2	+3.9	+3.8	+1.1	+2.1	+3.9
화순군	-12.1	-11.8	-11.6	-10.3	-10.1	-9.5	-9.5	-8.2	-8.1	-11.7	-10.2	-8.1
		+0.3	+0.5	+1.8	+2.0	+2.6	+2.6	+3.9	+4.0	+0.4	+1.9	+4.0

표 4-95. 전라남도의 일최저기온 연최소 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	-9.8	-8.7	-8.4	-7.4	-6.4	-5.7	-5.4	-4.5	-3.5	-8.5	-6.9	-4.0
		+1.1	+1.4	+2.4	+3.4	+4.1	+4.4	+5.3	+6.3	+1.3	+2.9	+5.8
강진군	-9.4	-8.4	-8.0	-7.1	-6.2	-5.7	-5.3	-4.6	-3.7	-8.2	-6.6	-4.1
		+1.0	+1.4	+2.3	+3.2	+3.7	+4.1	+4.8	+5.7	+1.2	+2.8	+5.3
고흥군	-8.2	-7.4	-7.3	-6.4	-5.2	-4.6	-4.2	-3.4	-2.5	-7.3	-5.8	-2.9
		+0.8	+0.9	+1.8	+3.0	+3.6	+4.0	+4.8	+5.7	+0.9	+2.4	+5.3
곡성군	-12.9	-11.9	-12.0	-10.7	-9.7	-8.9	-8.6	-7.5	-6.2	-11.9	-10.2	-6.9
		+1.0	+0.9	+2.2	+3.2	+4.0	+4.3	+5.4	+6.7	+1.0	+2.7	+6.0
광양시	-9.0	-8.3	-8.6	-7.4	-6.4	-5.6	-5.2	-4.4	-3.3	-8.5	-6.9	-3.8
		+0.7	+0.4	+1.6	+2.6	+3.4	+3.8	+4.6	+5.7	+0.5	+2.1	+5.2
구례군	-11.8	-11.5	-11.7	-10.5	-9.5	-8.7	-8.3	-7.1	-6.0	-11.6	-10.0	-6.5
		+0.3	+0.1	+1.3	+2.3	+3.1	+3.5	+4.7	+5.8	+0.2	+1.8	+5.3
나주시	-11.2	-10.1	-9.5	-8.5	-7.7	-7.0	-6.7	-5.8	-4.9	-9.8	-8.1	-5.4
		+1.1	+1.7	+2.7	+3.5	+4.2	+4.5	+5.4	+6.3	+1.4	+3.1	+5.8
담양군	-12.6	-11.2	-11.1	-9.8	-8.7	-8.1	-7.9	-6.8	-5.6	-11.2	-9.3	-6.2
		+1.4	+1.5	+2.8	+3.9	+4.5	+4.7	+5.8	+7.0	+1.4	+3.3	+6.4
목포시	-8.0	-6.8	-6.2	-5.2	-4.4	-3.6	-3.2	-2.6	-1.6	-6.5	-4.8	-2.1
		+1.2	+1.8	+2.8	+3.6	+4.4	+4.8	+5.4	+6.4	+1.5	+3.2	+5.9
무안군	-8.8	-7.6	-7.0	-5.9	-5.2	-4.2	-3.9	-3.2	-2.3	-7.3	-5.5	-2.8
		+1.2	+1.8	+2.9	+3.6	+4.6	+4.9	+5.6	+6.5	+1.5	+3.3	+6.0
보성군	-11.3	-10.5	-10.4	-9.4	-8.4	-7.7	-7.3	-6.5	-5.5	-10.4	-8.9	-6.0
		+0.8	+0.9	+1.9	+2.9	+3.6	+4.0	+4.8	+5.8	+0.9	+2.4	+5.3
순천시	-9.5	-9.0	-9.1	-8.0	-7.0	-6.3	-5.8	-5.0	-3.8	-9.0	-7.5	-4.4
		+0.5	+0.4	+1.5	+2.5	+3.2	+3.7	+4.5	+5.7	+0.5	+2.0	+5.1
신안군	-6.4	-5.0	-4.7	-3.5	-2.7	-1.8	-1.6	-0.9	0.0	-4.9	-3.1	-0.4
		+1.4	+1.7	+2.9	+3.7	+4.6	+4.8	+5.5	+6.4	+1.5	+3.3	+6.0
여수시	-7.8	-6.2	-6.4	-5.2	-4.1	-3.5	-3.0	-2.3	-1.3	-6.3	-4.7	-1.8
		+1.6	+1.4	+2.6	+3.7	+4.3	+4.8	+5.5	+6.5	+1.5	+3.1	+6.0
영광군	-10.3	-8.7	-8.2	-7.0	-6.2	-5.1	-5.0	-4.2	-3.1	-8.4	-6.6	-3.7
		+1.6	+2.1	+3.3	+4.1	+5.2	+5.3	+6.1	+7.2	+1.9	+3.7	+6.6
영암군	-10.4	-9.1	-8.4	-7.6	-6.7	-6.1	-5.7	-5.0	-4.1	-8.8	-7.2	-4.5
		+1.3	+2.0	+2.8	+3.7	+4.3	+4.7	+5.4	+6.3	+1.6	+3.2	+5.9
완도군	-6.4	-5.6	-5.2	-4.4	-3.3	-2.7	-2.3	-1.5	-0.6	-5.4	-3.8	-1.1
		+0.8	+1.2	+2.0	+3.1	+3.7	+4.1	+4.9	+5.8	+1.0	+2.6	+5.3
장성군	-12.1	-10.8	-10.4	-9.2	-8.3	-7.5	-7.4	-6.4	-5.3	-10.6	-8.7	-5.8
		+1.3	+1.7	+2.9	+3.8	+4.6	+4.7	+5.7	+6.8	+1.5	+3.4	+6.3
장흥군	-10.3	-9.4	-9.0	-8.1	-7.1	-6.6	-6.2	-5.4	-4.5	-9.2	-7.6	-5.0
		+0.9	+1.3	+2.2	+3.2	+3.7	+4.1	+4.9	+5.8	+1.1	+2.7	+5.3
진도군	-7.2	-5.9	-5.5	-4.6	-3.6	-3.0	-2.5	-1.8	-1.0	-5.7	-4.1	-1.4
		+1.3	+1.7	+2.6	+3.6	+4.2	+4.7	+5.4	+6.2	+1.5	+3.1	+5.8
함평군	-10.5	-9.3	-8.7	-7.7	-6.9	-5.9	-5.7	-4.9	-3.9	-9.0	-7.3	-4.4
		+1.2	+1.8	+2.8	+3.6	+4.6	+4.8	+5.6	+6.6	+1.5	+3.2	+6.1
해남군	-8.9	-7.7	-7.1	-6.3	-5.4	-4.8	-4.4	-3.7	-2.9	-7.4	-5.9	-3.3
		+1.2	+1.8	+2.6	+3.5	+4.1	+4.5	+5.2	+6.0	+1.5	+3.0	+5.6
화순군	-12.1	-11.0	-10.8	-9.7	-8.7	-8.1	-7.8	-6.8	-5.8	-10.9	-9.2	-6.3
		+1.1	+1.3	+2.4	+3.4	+4.0	+4.3	+5.3	+6.3	+1.2	+2.9	+5.8

표 4-96. 전라남도의 일최저기온 연최소 21세기 전망과 현재 기후 값 대비 편차(℃)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	-9.8	-8.5	-8.4	-7.4	-7.0	-5.5	-4.8	-3.5	-3.2	-8.4	-7.2	-3.3
		+1.3	+1.4	+2.4	+2.8	+4.3	+5.0	+6.3	+6.6	+1.4	+2.6	+6.5
강진군	-9.4	-8.3	-8.1	-7.1	-6.8	-5.3	-4.8	-3.8	-3.3	-8.2	-7.0	-3.5
		+1.1	+1.3	+2.3	+2.6	+4.1	+4.6	+5.6	+6.1	+1.2	+2.4	+5.9
고흥군	-8.2	-7.4	-7.4	-6.3	-5.9	-4.2	-3.7	-2.5	-2.0	-7.4	-6.1	-2.2
		+0.8	+0.8	+1.9	+2.3	+4.0	+4.5	+5.7	+6.2	+0.8	+2.1	+6.0
곡성군	-12.9	-11.9	-11.9	-10.8	-10.3	-8.7	-7.9	-6.5	-6.1	-11.9	-10.5	-6.3
		+1.0	+1.0	+2.1	+2.6	+4.2	+5.0	+6.4	+6.8	+1.0	+2.4	+6.6
광양시	-9.0	-8.4	-8.5	-7.4	-7.0	-5.2	-4.6	-3.3	-2.9	-8.5	-7.2	-3.1
		+0.6	+0.5	+1.6	+2.0	+3.8	+4.4	+5.7	+6.1	+0.5	+1.8	+5.9
구례군	-11.8	-11.6	-11.7	-10.6	-10.1	-8.3	-7.6	-6.2	-5.7	-11.6	-10.4	-5.9
		+0.2	+0.1	+1.2	+1.7	+3.5	+4.2	+5.6	+6.1	+0.2	+1.4	+5.9
나주시	-11.2	-10.0	-9.6	-8.7	-8.2	-6.7	-6.2	-5.1	-4.7	-9.8	-8.4	-4.9
		+1.2	+1.6	+2.5	+3.0	+4.5	+5.0	+6.1	+6.5	+1.4	+2.8	+6.3
담양군	-12.6	-11.3	-11.1	-10.0	-9.5	-7.9	-7.2	-5.8	-5.4	-11.2	-9.7	-5.6
		+1.3	+1.5	+2.6	+3.1	+4.7	+5.4	+6.8	+7.2	+1.4	+2.9	+7.0
목포시	-8.0	-6.2	-6.0	-5.2	-4.8	-3.7	-2.8	-1.2	-1.1	-6.1	-5.0	-1.2
		+1.8	+2.0	+2.8	+3.2	+4.3	+5.2	+6.8	+6.9	+1.9	+3.0	+6.8
무안군	-8.8	-7.0	-6.8	-6.0	-5.6	-4.4	-3.4	-1.9	-1.9	-6.9	-5.8	-1.9
		+1.8	+2.0	+2.8	+3.2	+4.4	+5.4	+6.9	+6.9	+1.9	+3.0	+6.9
보성군	-11.3	-10.6	-10.5	-9.4	-8.9	-7.2	-6.9	-5.7	-5.2	-10.6	-9.1	-5.4
		+0.7	+0.8	+1.9	+2.4	+4.1	+4.4	+5.6	+6.1	+0.7	+2.2	+5.9
순천시	-9.5	-9.1	-9.2	-8.0	-7.6	-5.8	-5.3	-4.0	-3.6	-9.1	-7.8	-3.8
		+0.4	+0.3	+1.5	+1.9	+3.7	+4.2	+5.5	+5.9	+0.4	+1.7	+5.7
신안군	-6.4	-4.3	-4.2	-3.5	-3.2	-1.9	-1.0	0.7	0.9	-4.3	-3.3	0.8
		+2.1	+2.2	+2.9	+3.2	+4.5	+5.4	+7.1	+7.3	+2.1	+3.1	+7.2
여수시	-7.8	-6.1	-6.4	-5.2	-4.8	-3.2	-2.4	-1.1	-0.9	-6.2	-5.0	-1.0
		+1.7	+1.4	+2.6	+3.0	+4.6	+5.4	+6.7	+6.9	+1.6	+2.8	+6.8
영광군	-10.3	-8.1	-7.9	-7.1	-6.6	-5.4	-4.4	-2.8	-2.7	-8.0	-6.8	-2.7
		+2.2	+2.4	+3.2	+3.7	+4.9	+5.9	+7.5	+7.6	+2.3	+3.5	+7.6
영암군	-10.4	-8.9	-8.6	-7.7	-7.3	-5.9	-5.3	-4.1	-3.8	-8.7	-7.5	-4.0
		+1.5	+1.8	+2.7	+3.1	+4.5	+5.1	+6.3	+6.6	+1.7	+2.9	+6.4
완도군	-6.4	-5.2	-5.2	-4.2	-3.9	-2.6	-1.8	-0.4	0.0	-5.2	-4.0	-0.2
		+1.2	+1.2	+2.2	+2.5	+3.8	+4.6	+6.0	+6.4	+1.2	+2.4	+6.2
장성군	-12.1	-10.7	-10.4	-9.4	-8.9	-7.4	-6.7	-5.4	-5.1	-10.6	-9.1	-5.3
		+1.4	+1.7	+2.7	+3.2	+4.7	+5.4	+6.7	+7.0	+1.5	+3.0	+6.8
장흥군	-10.3	-9.3	-9.1	-8.1	-7.7	-6.1	-5.8	-4.6	-4.2	-9.2	-7.9	-4.4
		+1.0	+1.2	+2.2	+2.6	+4.2	+4.5	+5.7	+6.1	+1.1	+2.4	+5.9
진도군	-7.2	-5.5	-5.1	-4.4	-4.2	-2.8	-2.2	-0.7	-0.4	-5.3	-4.3	-0.5
		+1.7	+2.1	+2.8	+3.0	+4.4	+5.0	+6.5	+6.8	+1.9	+2.9	+6.7
함평군	-10.5	-9.0	-8.7	-7.7	-7.3	-6.0	-5.2	-3.8	-3.7	-8.8	-7.5	-3.8
		+1.5	+1.8	+2.8	+3.2	+4.5	+5.3	+6.7	+6.8	+1.7	+3.0	+6.7
해남군	-8.9	-7.4	-7.1	-6.3	-5.9	-4.6	-4.1	-2.8	-2.4	-7.3	-6.1	-2.6
		+1.5	+1.8	+2.6	+3.0	+4.3	+4.8	+6.1	+6.5	+1.6	+2.8	+6.3
화순군	-12.1	-11.1	-10.8	-9.9	-9.3	-7.7	-7.3	-6.0	-5.6	-11.0	-9.6	-5.8
		+1.0	+1.3	+2.2	+2.8	+4.4	+4.8	+6.1	+6.5	+1.1	+2.5	+6.3

3) 강수 극한기후지수

- SSP 시나리오에 따른 전라남도 호우일수는 현재(2000-2019년, 2.2일) 대비 21세기 중반기에 0.4~0.7일, 21세기 후반기에 0.5~1.2일 증가하고, 강수강도는 현재(16.3mm/일) 대비 21세기 중반기에 1.4~2.1mm/일, 21세기 후반기에 1.5~3.9mm/일 강해질 것으로 전망됨.
  - SSP1-2.6 시나리오에서 전라남도 호우일수는 현재 대비 21세기 중/후반기에 0.7일, 0.5일 증가하고, 강수강도는 21세기 중/후반기에 1.6mm/일, 1.5mm/일 강해질 것으로 전망됨.
  - SSP2-4.5 시나리오에서 전라남도 호우일수는 현재 대비 21세기 중/후반기에 0.4일, 1.2일 증가하고, 강수강도는 21세기 중/후반기에 1.4mm/일, 3.2mm/일 강해질 것으로 전망됨.
  - SSP3-7.0 시나리오에서 전라남도 호우일수는 현재 대비 21세기 중/후반기에 0.7일, 1.0일 증가하고, 강수강도는 21세기 중/후반기에 2.0mm/일, 3.1mm/일 강해질 것으로 전망됨.
  - SSP5-8.5 시나리오에서 전라남도 호우일수는 현재 대비 21세기 중/후반기에 0.6일, 1.1일 증가하고, 강수강도는 21세기 중/후반기에 2.1mm/일, 3.9mm/일 강해질 것으로 전망됨.
- SSP5-8.5 시나리오에서 현재 대비 21세기 후반기 전라남도 호우일수 증가폭(+1.1일)은 SSP1-2.6 시나리오에서의 증가폭(+0.5일) 보다 0.6일 크게 나타나며, SSP5-8.5 시나리오에서 21세기 후반기 강수강도 증가폭(+3.9mm/일)은 SSP1-2.6 시나리오에서의 증가폭(+1.5mm/일) 보다 2.4mm/일 크게 나타남.
  - SSP5-8.5에서 21세기 후반기 전라남도 내 호우일수 증가폭이 가장 큰 지역은 여수시(+1.8일)이며 가장 작은 지역은 곡성군/구례군/영광군(+0.7일)로 나타남.
  - SSP5-8.5에서 21세기 후반기 전라남도 내 강수강도 증가폭이 가장 큰 지역은 여수시(+5.5mm/일)이며 가장 작은 지역은 영광군(+3.0mm/일)로 나타남.

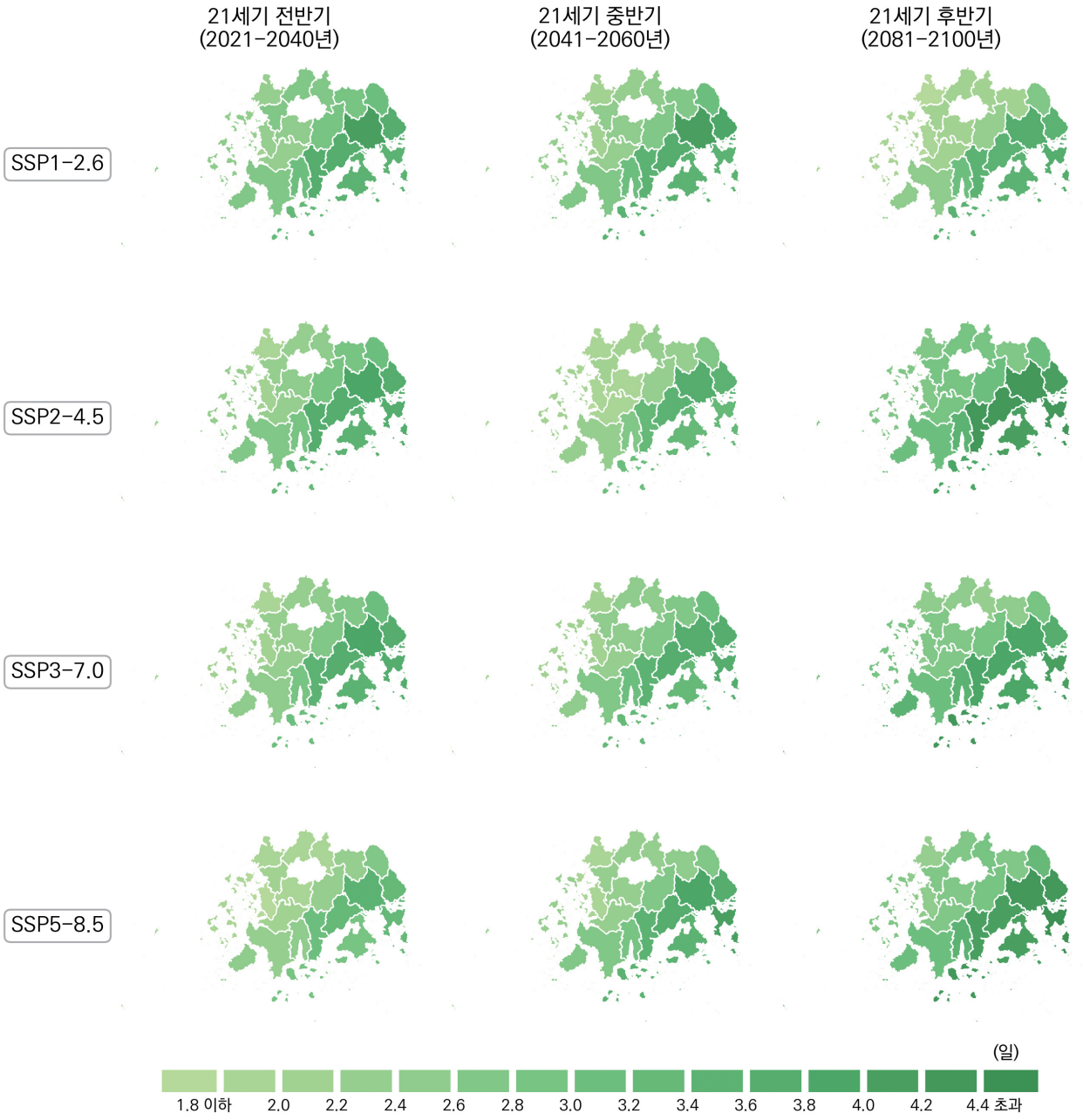


그림 4-34. 전라남도의 호우일수(일) 전망 분포도

표 4-97. 전라남도의 호우일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	2.2	2.9	3.1	2.7	3.2	3.0	3.2	2.6	2.7	3.0	2.9	2.7
		+0.7	+0.9	+0.5	+1.0	+0.8	+1.0	+0.4	+0.5	+0.8	+0.7	+0.5
강진군	2.4	3.1	3.2	2.9	3.3	3.1	3.6	2.8	3.3	3.1	3.1	3.1
		+0.7	+0.8	+0.5	+0.9	+0.7	+1.2	+0.4	+0.9	+0.7	+0.7	+0.7
고흥군	2.7	3.4	3.6	3.2	3.8	3.4	3.6	3.2	3.7	3.5	3.5	3.5
		+0.7	+0.9	+0.5	+1.1	+0.7	+0.9	+0.5	+1.0	+0.8	+0.8	+0.8
곡성군	2.0	2.7	3.0	2.5	3.0	2.7	2.9	2.3	2.2	2.9	2.7	2.2
		+0.7	+1.0	+0.5	+1.0	+0.7	+0.9	+0.3	+0.2	+0.9	+0.7	+0.2
광양시	2.9	3.6	3.8	3.6	4.3	3.7	4.1	3.5	3.4	3.7	4.0	3.5
		+0.7	+0.9	+0.7	+1.4	+0.8	+1.2	+0.6	+0.5	+0.8	+1.1	+0.6
구례군	2.6	3.0	3.2	3.0	3.4	2.8	3.2	2.7	2.7	3.1	3.2	2.7
		+0.4	+0.6	+0.4	+0.8	+0.2	+0.6	+0.1	+0.1	+0.5	+0.6	+0.1
나주시	1.8	2.6	2.5	2.3	2.9	2.5	2.6	2.1	2.1	2.5	2.6	2.1
		+0.8	+0.7	+0.5	+1.1	+0.7	+0.8	+0.3	+0.3	+0.7	+0.8	+0.3
담양군	1.7	2.6	3.0	2.2	2.8	2.5	2.8	2.3	2.0	2.8	2.5	2.1
		+0.9	+1.3	+0.5	+1.1	+0.8	+1.1	+0.6	+0.3	+1.1	+0.8	+0.4
목포시	1.5	2.1	2.3	1.9	2.5	2.5	2.2	1.8	1.7	2.2	2.2	1.8
		+0.6	+0.8	+0.4	+1.0	+1.0	+0.7	+0.3	+0.2	+0.7	+0.7	+0.3
무안군	1.6	2.3	2.4	1.9	2.5	2.5	2.3	1.9	1.8	2.3	2.2	1.9
		+0.7	+0.8	+0.3	+0.9	+0.9	+0.7	+0.3	+0.2	+0.7	+0.6	+0.3
보성군	3.0	3.7	3.9	3.4	4.2	3.6	4.2	3.5	3.7	3.8	3.8	3.6
		+0.7	+0.9	+0.4	+1.2	+0.6	+1.2	+0.5	+0.7	+0.8	+0.8	+0.6
순천시	3.2	3.9	4.2	3.8	4.5	3.8	4.3	3.7	3.8	4.1	4.1	3.7
		+0.7	+1.0	+0.6	+1.3	+0.6	+1.1	+0.5	+0.6	+0.9	+0.9	+0.5
신안군	1.7	2.3	2.6	2.2	2.7	2.6	2.5	2.0	2.0	2.5	2.4	2.0
		+0.6	+0.9	+0.5	+1.0	+0.9	+0.8	+0.3	+0.3	+0.8	+0.7	+0.3
여수시	2.7	3.5	3.7	3.3	4.0	3.7	3.8	3.5	3.9	3.6	3.6	3.7
		+0.8	+1.0	+0.6	+1.3	+1.0	+1.1	+0.8	+1.2	+0.9	+0.9	+1.0
영광군	1.6	2.3	2.5	1.9	2.4	2.4	2.2	1.8	1.8	2.4	2.2	1.8
		+0.7	+0.9	+0.3	+0.8	+0.8	+0.6	+0.2	+0.2	+0.8	+0.6	+0.2
영암군	1.8	2.4	2.5	2.2	2.6	2.5	2.7	2.1	2.2	2.4	2.4	2.1
		+0.6	+0.7	+0.4	+0.8	+0.7	+0.9	+0.3	+0.4	+0.6	+0.6	+0.3
완도군	2.6	3.0	3.5	3.3	3.7	3.5	3.9	3.3	3.9	3.3	3.5	3.6
		+0.4	+0.9	+0.7	+1.1	+0.9	+1.3	+0.7	+1.3	+0.7	+0.9	+1.0
장성군	1.7	2.6	3.0	2.1	2.7	2.5	2.6	2.2	2.0	2.8	2.4	2.1
		+0.9	+1.3	+0.4	+1.0	+0.8	+0.9	+0.5	+0.3	+1.1	+0.7	+0.4
장흥군	2.8	3.7	3.7	3.4	3.9	3.6	4.2	3.4	3.8	3.7	3.6	3.6
		+0.9	+0.9	+0.6	+1.1	+0.8	+1.4	+0.6	+1.0	+0.9	+0.8	+0.8
진도군	2.0	2.5	3.1	2.5	2.8	2.9	3.1	2.6	2.6	2.8	2.7	2.6
		+0.5	+1.1	+0.5	+0.8	+0.9	+1.1	+0.6	+0.6	+0.8	+0.7	+0.6
함평군	1.8	2.6	2.8	2.1	2.8	2.6	2.6	2.1	2.1	2.7	2.5	2.1
		+0.8	+1.0	+0.3	+1.0	+0.8	+0.8	+0.3	+0.3	+0.9	+0.7	+0.3
해남군	2.2	2.6	2.9	2.5	2.8	2.7	3.1	2.4	2.8	2.7	2.7	2.6
		+0.4	+0.7	+0.3	+0.6	+0.5	+0.9	+0.2	+0.6	+0.5	+0.5	+0.4
화순군	2.2	3.0	2.9	2.6	3.1	3.0	3.1	2.3	2.5	2.9	2.8	2.4
		+0.8	+0.7	+0.4	+0.9	+0.8	+0.9	+0.1	+0.3	+0.7	+0.6	+0.2

표 4-98. 전라남도의 호우일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	2.2	2.7	3.2	2.5	2.8	3.1	3.7	3.5	3.3	2.9	2.6	3.4
		+0.5	+1.0	+0.3	+0.6	+0.9	+1.5	+1.3	+1.1	+0.7	+0.4	+1.2
강진군	2.4	2.8	3.3	2.7	2.8	3.4	3.8	3.7	3.5	3.0	2.7	3.6
		+0.4	+0.9	+0.3	+0.4	+1.0	+1.4	+1.3	+1.1	+0.6	+0.3	+1.2
고흥군	2.7	3.1	3.8	3.1	3.4	3.9	4.4	4.1	4.2	3.5	3.3	4.2
		+0.4	+1.1	+0.4	+0.7	+1.2	+1.7	+1.4	+1.5	+0.8	+0.6	+1.5
곡성군	2.0	2.6	3.2	2.3	2.6	2.5	3.4	3.0	2.6	2.9	2.4	2.8
		+0.6	+1.2	+0.3	+0.6	+0.5	+1.4	+1.0	+0.6	+0.9	+0.4	+0.8
광양시	2.9	3.5	4.1	3.3	3.7	4.0	4.8	4.1	4.2	3.8	3.5	4.2
		+0.6	+1.2	+0.4	+0.8	+1.1	+1.9	+1.2	+1.3	+0.9	+0.6	+1.3
구례군	2.6	2.8	3.4	2.6	2.8	2.9	3.8	3.5	2.9	3.1	2.7	3.2
		+0.2	+0.8	+0.0	+0.2	+0.3	+1.2	+0.9	+0.3	+0.5	+0.1	+0.6
나주시	1.8	2.3	2.7	1.8	2.3	2.5	3.2	3.2	2.7	2.5	2.0	3.0
		+0.5	+0.9	+0.0	+0.5	+0.7	+1.4	+1.4	+0.9	+0.7	+0.2	+1.2
담양군	1.7	2.5	2.7	2.0	2.5	2.5	3.3	3.2	2.7	2.6	2.3	2.9
		+0.8	+1.0	+0.3	+0.8	+0.8	+1.6	+1.5	+1.0	+0.9	+0.6	+1.2
목포시	1.5	1.8	2.6	1.7	1.9	2.3	2.6	2.8	2.7	2.2	1.8	2.7
		+0.3	+1.1	+0.2	+0.4	+0.8	+1.1	+1.3	+1.2	+0.7	+0.3	+1.2
무안군	1.6	1.8	2.5	1.8	2.1	2.5	2.8	2.9	2.7	2.2	2.0	2.8
		+0.2	+0.9	+0.2	+0.5	+0.9	+1.2	+1.3	+1.1	+0.6	+0.4	+1.2
보성군	3.0	3.6	4.1	3.3	3.7	4.1	4.7	4.3	4.2	3.8	3.5	4.3
		+0.6	+1.1	+0.3	+0.7	+1.1	+1.7	+1.3	+1.2	+0.8	+0.5	+1.3
순천시	3.2	3.8	4.2	3.6	4.0	4.2	4.9	4.4	4.4	4.0	3.8	4.4
		+0.6	+1.0	+0.4	+0.8	+1.0	+1.7	+1.2	+1.2	+0.8	+0.6	+1.2
신안군	1.7	2.0	2.6	2.2	2.3	2.5	2.9	2.9	2.7	2.3	2.2	2.8
		+0.3	+0.9	+0.5	+0.6	+0.8	+1.2	+1.2	+1.0	+0.6	+0.5	+1.1
여수시	2.7	3.4	4.2	3.3	3.6	4.0	4.8	4.4	4.4	3.8	3.4	4.4
		+0.7	+1.5	+0.6	+0.9	+1.3	+2.1	+1.7	+1.7	+1.1	+0.7	+1.7
영광군	1.6	1.8	2.1	1.8	2.1	2.5	2.8	2.8	2.5	1.9	1.9	2.7
		+0.2	+0.5	+0.2	+0.5	+0.9	+1.2	+1.2	+0.9	+0.3	+0.3	+1.1
영암군	1.8	2.2	2.6	1.9	2.1	2.6	3.0	3.0	2.7	2.4	2.0	2.9
		+0.4	+0.8	+0.1	+0.3	+0.8	+1.2	+1.2	+0.9	+0.6	+0.2	+1.1
완도군	2.6	3.1	3.7	3.1	3.2	3.8	4.2	3.9	3.9	3.4	3.1	3.9
		+0.5	+1.1	+0.5	+0.6	+1.2	+1.6	+1.3	+1.3	+0.8	+0.5	+1.3
장성군	1.7	2.3	2.5	1.9	2.4	2.6	3.1	3.1	2.7	2.4	2.2	2.9
		+0.6	+0.8	+0.2	+0.7	+0.9	+1.4	+1.4	+1.0	+0.7	+0.5	+1.2
장흥군	2.8	3.5	3.8	3.1	3.4	4.1	4.6	4.4	4.2	3.7	3.3	4.3
		+0.7	+1.0	+0.3	+0.6	+1.3	+1.8	+1.6	+1.4	+0.9	+0.5	+1.5
진도군	2.0	2.5	2.9	2.3	2.6	2.9	3.2	3.4	3.1	2.7	2.4	3.2
		+0.5	+0.9	+0.3	+0.6	+0.9	+1.2	+1.4	+1.1	+0.7	+0.4	+1.2
함평군	1.8	2.2	2.7	1.9	2.4	2.8	3.2	3.2	2.8	2.4	2.2	3.0
		+0.4	+0.9	+0.1	+0.6	+1.0	+1.4	+1.4	+1.0	+0.6	+0.4	+1.2
해남군	2.2	2.5	3.0	2.3	2.5	2.9	3.3	3.1	3.1	2.8	2.4	3.1
		+0.3	+0.8	+0.1	+0.3	+0.7	+1.1	+0.9	+0.9	+0.6	+0.2	+0.9
화순군	2.2	2.8	3.2	2.2	2.6	2.8	3.5	3.2	3.0	3.0	2.4	3.1
		+0.6	+1.0	+0.0	+0.4	+0.6	+1.3	+1.0	+0.8	+0.8	+0.2	+0.9

표 4-99. 전라남도의 호우일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	2.2	2.4	3.4	2.6	3.2	3.1	3.4	3.0	3.4	2.9	2.9	3.2
		+0.2	+1.2	+0.4	+1.0	+0.9	+1.2	+0.8	+1.2	+0.7	+0.7	+1.0
강진군	2.4	2.5	3.5	2.7	3.4	3.5	3.9	3.2	3.9	3.0	3.1	3.5
		+0.1	+1.1	+0.3	+1.0	+1.1	+1.5	+0.8	+1.5	+0.6	+0.7	+1.1
고흥군	2.7	2.8	4.2	3.0	3.7	3.9	4.5	3.6	4.2	3.5	3.4	3.9
		+0.1	+1.5	+0.3	+1.0	+1.2	+1.8	+0.9	+1.5	+0.8	+0.7	+1.2
곡성군	2.0	2.3	3.2	2.5	3.0	2.7	2.7	2.3	2.8	2.7	2.8	2.5
		+0.3	+1.2	+0.5	+1.0	+0.7	+0.7	+0.3	+0.8	+0.7	+0.8	+0.5
광양시	2.9	3.3	4.3	3.3	4.1	4.0	4.6	3.3	4.3	3.8	3.7	3.8
		+0.4	+1.4	+0.4	+1.2	+1.1	+1.7	+0.4	+1.4	+0.9	+0.8	+0.9
구례군	2.6	2.7	3.5	2.9	3.2	3.1	3.3	2.8	3.2	3.1	3.1	3.0
		+0.1	+0.9	+0.3	+0.6	+0.5	+0.7	+0.2	+0.6	+0.5	+0.5	+0.4
나주시	1.8	1.9	2.9	2.2	2.8	2.6	2.5	2.5	3.0	2.4	2.5	2.8
		+0.1	+1.1	+0.4	+1.0	+0.8	+0.7	+0.7	+1.2	+0.6	+0.7	+1.0
담양군	1.7	2.1	3.1	2.4	2.9	2.5	2.5	2.3	2.6	2.6	2.6	2.4
		+0.4	+1.4	+0.7	+1.2	+0.8	+0.8	+0.6	+0.9	+0.9	+0.9	+0.7
목포시	1.5	1.6	2.4	1.9	2.4	2.3	2.5	2.4	2.8	2.0	2.2	2.6
		+0.1	+0.9	+0.4	+0.9	+0.8	+1.0	+0.9	+1.3	+0.5	+0.7	+1.1
무안군	1.6	1.6	2.6	2.0	2.4	2.4	2.5	2.6	2.8	2.1	2.2	2.7
		+0.0	+1.0	+0.4	+0.8	+0.8	+0.9	+1.0	+1.2	+0.5	+0.6	+1.1
보성군	3.0	3.2	4.5	3.3	4.1	4.2	4.5	3.6	4.3	3.8	3.7	3.9
		+0.2	+1.5	+0.3	+1.1	+1.2	+1.5	+0.6	+1.3	+0.8	+0.7	+0.9
순천시	3.2	3.4	4.6	3.4	4.2	4.2	4.7	3.5	4.4	4.0	3.8	3.9
		+0.2	+1.4	+0.2	+1.0	+1.0	+1.5	+0.3	+1.2	+0.8	+0.6	+0.7
신안군	1.7	1.7	2.7	2.0	2.4	2.5	2.8	2.8	3.1	2.2	2.2	2.9
		+0.0	+1.0	+0.3	+0.7	+0.8	+1.1	+1.1	+1.4	+0.5	+0.5	+1.2
여수시	2.7	3.2	4.4	3.4	4.0	3.9	4.6	3.9	4.5	3.8	3.7	4.2
		+0.5	+1.7	+0.7	+1.3	+1.2	+1.9	+1.2	+1.8	+1.1	+1.0	+1.5
영광군	1.6	1.5	2.5	1.9	2.2	2.3	2.2	2.5	2.6	2.0	2.1	2.5
		-0.1	+0.9	+0.3	+0.6	+0.7	+0.6	+0.9	+1.0	+0.4	+0.5	+0.9
영암군	1.8	1.9	2.7	2.1	2.7	2.6	2.8	2.5	2.8	2.3	2.4	2.7
		+0.1	+0.9	+0.3	+0.9	+0.8	+1.0	+0.7	+1.0	+0.5	+0.6	+0.9
완도군	2.6	2.6	3.8	3.0	3.7	3.9	4.5	4.0	4.5	3.2	3.4	4.3
		+0.0	+1.2	+0.4	+1.1	+1.3	+1.9	+1.4	+1.9	+0.6	+0.8	+1.7
장성군	1.7	1.9	3.0	2.3	2.9	2.6	2.5	2.3	2.8	2.4	2.6	2.6
		+0.2	+1.3	+0.6	+1.2	+0.9	+0.8	+0.6	+1.1	+0.7	+0.9	+0.9
장흥군	2.8	2.9	4.1	3.1	3.9	4.0	4.5	3.7	4.4	3.5	3.5	4.0
		+0.1	+1.3	+0.3	+1.1	+1.2	+1.7	+0.9	+1.6	+0.7	+0.7	+1.2
진도군	2.0	2.1	3.1	2.3	2.9	3.2	3.5	3.1	3.8	2.6	2.6	3.5
		+0.1	+1.1	+0.3	+0.9	+1.2	+1.5	+1.1	+1.8	+0.6	+0.6	+1.5
함평군	1.8	1.9	2.9	2.3	2.7	2.6	2.6	2.5	2.9	2.4	2.5	2.7
		+0.1	+1.1	+0.5	+0.9	+0.8	+0.8	+0.7	+1.1	+0.6	+0.7	+0.9
해남군	2.2	2.2	3.0	2.4	3.1	3.1	3.5	2.8	3.6	2.6	2.7	3.2
		+0.0	+0.8	+0.2	+0.9	+0.9	+1.3	+0.6	+1.4	+0.4	+0.5	+1.0
화순군	2.2	2.4	3.2	2.4	3.1	2.9	3.1	2.7	3.2	2.8	2.7	2.9
		+0.2	+1.0	+0.2	+0.9	+0.7	+0.9	+0.5	+1.0	+0.6	+0.5	+0.7

표 4-100. 전라남도의 호우일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	2.2	2.8	2.2	3.0	2.7	3.1	3.7	3.1	3.6	2.5	2.8	3.3
		+0.6	+0.0	+0.8	+0.5	+0.9	+1.5	+0.9	+1.4	+0.3	+0.6	+1.1
강진군	2.4	2.8	2.4	3.0	2.9	3.1	4.0	3.1	4.0	2.6	3.0	3.5
		+0.4	+0.0	+0.6	+0.5	+0.7	+1.6	+0.7	+1.6	+0.2	+0.6	+1.1
고흥군	2.7	3.2	2.9	3.8	3.5	3.8	4.5	3.7	4.8	3.0	3.6	4.2
		+0.5	+0.2	+1.1	+0.8	+1.1	+1.8	+1.0	+2.1	+0.3	+0.9	+1.5
곡성군	2.0	2.6	2.0	2.7	2.3	2.6	3.3	2.5	3.0	2.3	2.5	2.7
		+0.6	+0.0	+0.7	+0.3	+0.6	+1.3	+0.5	+1.0	+0.3	+0.5	+0.7
광양시	2.9	3.7	2.9	3.7	3.6	3.8	4.6	4.1	4.5	3.3	3.7	4.3
		+0.8	+0.0	+0.8	+0.7	+0.9	+1.7	+1.2	+1.6	+0.4	+0.8	+1.4
구례군	2.6	2.9	2.4	2.7	2.7	3.0	3.6	3.0	3.5	2.7	2.7	3.3
		+0.3	-0.2	+0.1	+0.1	+0.4	+1.0	+0.4	+0.9	+0.1	+0.1	+0.7
나주시	1.8	2.3	1.7	2.4	2.1	2.4	3.1	2.5	3.0	2.0	2.3	2.8
		+0.5	-0.1	+0.6	+0.3	+0.6	+1.3	+0.7	+1.2	+0.2	+0.5	+1.0
담양군	1.7	2.3	1.7	2.5	2.2	2.6	3.1	2.5	3.3	2.0	2.4	2.9
		+0.6	+0.0	+0.8	+0.5	+0.9	+1.4	+0.8	+1.6	+0.3	+0.7	+1.2
목포시	1.5	1.9	1.6	2.1	1.9	2.4	2.8	2.5	2.7	1.7	2.0	2.6
		+0.4	+0.1	+0.6	+0.4	+0.9	+1.3	+1.0	+1.2	+0.2	+0.5	+1.1
무안군	1.6	2.1	1.5	2.2	1.9	2.4	3.0	2.6	2.6	1.8	2.0	2.6
		+0.5	-0.1	+0.6	+0.3	+0.8	+1.4	+1.0	+1.0	+0.2	+0.4	+1.0
보성군	3.0	3.7	3.1	3.9	3.7	3.9	4.6	3.8	4.5	3.4	3.8	4.2
		+0.7	+0.1	+0.9	+0.7	+0.9	+1.6	+0.8	+1.5	+0.4	+0.8	+1.2
순천시	3.2	4.0	3.2	3.9	3.8	4.0	4.9	4.1	4.7	3.6	3.9	4.4
		+0.8	+0.0	+0.7	+0.6	+0.8	+1.7	+0.9	+1.5	+0.4	+0.7	+1.2
신안군	1.7	2.2	1.7	2.5	2.1	2.7	3.1	2.7	2.6	2.0	2.3	2.7
		+0.5	+0.0	+0.8	+0.4	+1.0	+1.4	+1.0	+0.9	+0.3	+0.6	+1.0
여수시	2.7	3.6	2.9	4.2	4.0	4.2	4.7	4.0	5.0	3.3	4.1	4.5
		+0.9	+0.2	+1.5	+1.3	+1.5	+2.0	+1.3	+2.3	+0.6	+1.4	+1.8
영광군	1.6	2.0	1.7	2.2	1.9	2.5	2.7	2.3	2.3	1.9	2.0	2.3
		+0.4	+0.1	+0.6	+0.3	+0.9	+1.1	+0.7	+0.7	+0.3	+0.4	+0.7
영암군	1.8	2.3	1.8	2.4	2.1	2.4	3.1	2.5	2.8	2.1	2.3	2.7
		+0.5	+0.0	+0.6	+0.3	+0.6	+1.3	+0.7	+1.0	+0.3	+0.5	+0.9
완도군	2.6	3.1	2.7	3.7	3.5	4.1	4.9	3.8	4.8	2.9	3.6	4.3
		+0.5	+0.1	+1.1	+0.9	+1.5	+2.3	+1.2	+2.2	+0.3	+1.0	+1.7
장성군	1.7	2.4	1.7	2.4	2.2	2.6	3.1	2.5	3.1	2.0	2.3	2.8
		+0.7	+0.0	+0.7	+0.5	+0.9	+1.4	+0.8	+1.4	+0.3	+0.6	+1.1
장흥군	2.8	3.4	2.8	3.6	3.6	3.9	4.5	3.7	4.6	3.1	3.6	4.2
		+0.6	+0.0	+0.8	+0.8	+1.1	+1.7	+0.9	+1.8	+0.3	+0.8	+1.4
진도군	2.0	2.8	2.1	3.0	2.4	3.1	3.7	2.8	3.6	2.5	2.7	3.2
		+0.8	+0.1	+1.0	+0.4	+1.1	+1.7	+0.8	+1.6	+0.5	+0.7	+1.2
함평군	1.8	2.4	1.8	2.4	2.1	2.7	3.2	2.5	2.9	2.1	2.3	2.7
		+0.6	+0.0	+0.6	+0.3	+0.9	+1.4	+0.7	+1.1	+0.3	+0.5	+0.9
해남군	2.2	2.6	2.1	2.8	2.6	2.8	3.6	2.8	3.5	2.4	2.7	3.1
		+0.4	-0.1	+0.6	+0.4	+0.6	+1.4	+0.6	+1.3	+0.2	+0.5	+0.9
화순군	2.2	2.7	2.0	2.8	2.6	2.5	3.4	2.7	3.3	2.4	2.7	3.0
		+0.5	-0.2	+0.6	+0.4	+0.3	+1.2	+0.5	+1.1	+0.2	+0.5	+0.8

그림 4-35. 전라남도의 강수강도(mm/일) 전망 분포도

표 4-101. 전라남도의 강수강도 21세기 전망과 현재 기후 값 대비 편차(mm/일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	16.3	18.3	18.6	17.6	18.3	18.4	18.8	18.0	17.6	18.4	17.9	17.8
		+2.0	+2.3	+1.3	+2.0	+2.1	+2.5	+1.7	+1.3	+2.1	+1.6	+1.5
강진군	16.8	18.9	19.6	18.0	18.8	19.0	20.0	18.8	18.6	19.2	18.4	18.7
		+2.1	+2.8	+1.2	+2.0	+2.2	+3.2	+2.0	+1.8	+2.4	+1.6	+1.9
고흥군	18.6	20.9	21.2	20.2	21.3	21.0	21.6	20.9	21.2	21.1	20.8	21.0
		+2.3	+2.6	+1.6	+2.7	+2.4	+3.0	+2.3	+2.6	+2.5	+2.2	+2.4
곡성군	15.2	17.2	17.2	16.5	17.2	16.8	17.4	16.3	16.4	17.2	16.9	16.3
		+2.0	+2.0	+1.3	+2.0	+1.6	+2.2	+1.1	+1.2	+2.0	+1.7	+1.1
광양시	18.6	21.1	20.8	20.3	21.1	21.4	21.3	20.8	20.3	20.9	20.7	20.5
		+2.5	+2.2	+1.7	+2.5	+2.8	+2.7	+2.2	+1.7	+2.3	+2.1	+1.9
구례군	16.5	18.8	18.4	17.8	18.5	18.1	18.6	17.7	17.7	18.6	18.1	17.7
		+2.3	+1.9	+1.3	+2.0	+1.6	+2.1	+1.2	+1.2	+2.1	+1.6	+1.2
나주시	15.2	17.1	16.9	16.2	16.8	17.0	17.2	16.3	15.8	17.0	16.5	16.0
		+1.9	+1.7	+1.0	+1.6	+1.8	+2.0	+1.1	+0.6	+1.8	+1.3	+0.8
담양군	14.8	16.7	16.8	16.0	16.7	16.6	16.7	15.9	15.7	16.7	16.3	15.8
		+1.9	+2.0	+1.2	+1.9	+1.8	+1.9	+1.1	+0.9	+1.9	+1.5	+1.0
목포시	14.7	16.3	16.9	15.6	16.2	16.5	16.5	16.0	15.2	16.6	15.9	15.6
		+1.6	+2.2	+0.9	+1.5	+1.8	+1.8	+1.3	+0.5	+1.9	+1.2	+0.9
무안군	14.8	16.6	16.8	15.5	16.6	16.8	16.8	16.1	15.3	16.7	16.1	15.7
		+1.8	+2.0	+0.7	+1.8	+2.0	+2.0	+1.3	+0.5	+1.9	+1.3	+0.9
보성군	18.2	20.8	20.9	19.8	20.6	20.6	21.5	20.1	20.1	20.8	20.2	20.1
		+2.6	+2.7	+1.6	+2.4	+2.4	+3.3	+1.9	+1.9	+2.6	+2.0	+1.9
순천시	18.9	21.4	21.3	20.7	21.3	21.3	21.9	20.8	20.7	21.4	21.0	20.8
		+2.5	+2.4	+1.8	+2.4	+2.4	+3.0	+1.9	+1.8	+2.5	+2.1	+1.9
신안군	15.1	17.1	17.7	16.2	17.4	17.6	17.7	16.7	16.0	17.4	16.8	16.4
		+2.0	+2.6	+1.1	+2.3	+2.5	+2.6	+1.6	+0.9	+2.3	+1.7	+1.3
여수시	18.9	21.1	21.5	21.0	21.5	22.0	21.8	21.7	21.6	21.3	21.2	21.6
		+2.2	+2.6	+2.1	+2.6	+3.1	+2.9	+2.8	+2.7	+2.4	+2.3	+2.7
영광군	14.3	15.9	16.0	14.8	16.1	16.0	16.0	15.2	14.8	15.9	15.5	15.0
		+1.6	+1.7	+0.5	+1.8	+1.7	+1.7	+0.9	+0.5	+1.6	+1.2	+0.7
영암군	15.2	17.0	17.3	16.2	16.8	17.0	17.5	16.6	16.1	17.2	16.5	16.4
		+1.8	+2.1	+1.0	+1.6	+1.8	+2.3	+1.4	+0.9	+2.0	+1.3	+1.2
완도군	17.3	19.5	20.6	19.3	20.0	20.3	21.3	20.3	20.3	20.1	19.7	20.3
		+2.2	+3.3	+2.0	+2.7	+3.0	+4.0	+3.0	+3.0	+2.8	+2.4	+3.0
장성군	14.6	16.3	16.4	15.5	16.5	16.2	16.4	15.8	15.2	16.3	16.0	15.5
		+1.7	+1.8	+0.9	+1.9	+1.6	+1.8	+1.2	+0.6	+1.7	+1.4	+0.9
장흥군	17.9	20.2	20.8	19.2	20.1	20.3	21.3	20.1	20.2	20.5	19.7	20.1
		+2.3	+2.9	+1.3	+2.2	+2.4	+3.4	+2.2	+2.3	+2.6	+1.8	+2.2
진도군	15.5	17.3	18.7	17.2	17.5	18.1	18.4	18.0	17.0	18.0	17.4	17.5
		+1.8	+3.2	+1.7	+2.0	+2.6	+2.9	+2.5	+1.5	+2.5	+1.9	+2.0
함평군	15.1	16.9	16.6	15.7	16.9	16.9	17.0	16.2	15.6	16.7	16.3	15.9
		+1.8	+1.5	+0.6	+1.8	+1.8	+1.9	+1.1	+0.5	+1.6	+1.2	+0.8
해남군	15.9	17.7	18.6	17.1	17.6	18.0	18.7	17.9	17.5	18.1	17.3	17.7
		+1.8	+2.7	+1.2	+1.7	+2.1	+2.8	+2.0	+1.6	+2.2	+1.4	+1.8
화순군	15.6	17.6	17.6	17.0	17.4	17.5	17.9	16.7	16.6	17.6	17.2	16.6
		+2.0	+2.0	+1.4	+1.8	+1.9	+2.3	+1.1	+1.0	+2.0	+1.6	+1.0

표 4-102. 전라남도의 강수강도 21세기 전망과 현재 기후 값 대비 편차(mm/일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	16.3	18.0	18.0	17.6	17.8	18.6	20.4	19.4	19.6	18.0	17.7	19.5
		+1.7	+1.7	+1.3	+1.5	+2.3	+4.1	+3.1	+3.3	+1.7	+1.4	+3.2
강진군	16.8	18.8	18.7	18.1	18.3	19.4	21.1	20.0	20.3	18.7	18.2	20.2
		+2.0	+1.9	+1.3	+1.5	+2.6	+4.3	+3.2	+3.5	+1.9	+1.4	+3.4
고흥군	18.6	20.9	21.3	20.3	20.3	21.6	23.8	22.5	22.8	21.1	20.3	22.6
		+2.3	+2.7	+1.7	+1.7	+3.0	+5.2	+3.9	+4.2	+2.5	+1.7	+4.0
곡성군	15.2	17.0	17.0	16.5	16.8	17.0	18.8	17.8	17.7	17.0	16.6	17.8
		+1.8	+1.8	+1.3	+1.6	+1.8	+3.6	+2.6	+2.5	+1.8	+1.4	+2.6
광양시	18.6	20.8	20.7	20.7	20.5	21.5	23.9	22.2	22.2	20.7	20.6	22.2
		+2.2	+2.1	+2.1	+1.9	+2.9	+5.3	+3.6	+3.6	+2.1	+2.0	+3.6
구례군	16.5	18.4	18.3	17.8	18.5	18.3	20.5	19.1	18.9	18.4	18.1	19.0
		+1.9	+1.8	+1.3	+2.0	+1.8	+4.0	+2.6	+2.4	+1.9	+1.6	+2.5
나주시	15.2	16.6	16.3	15.9	16.4	17.3	18.6	17.9	18.1	16.5	16.1	18.0
		+1.4	+1.1	+0.7	+1.2	+2.1	+3.4	+2.7	+2.9	+1.3	+0.9	+2.8
담양군	14.8	16.4	16.0	15.9	16.5	16.6	18.2	17.5	17.4	16.2	16.2	17.4
		+1.6	+1.2	+1.1	+1.7	+1.8	+3.4	+2.7	+2.6	+1.4	+1.4	+2.6
목포시	14.7	16.1	16.0	15.6	15.7	16.4	18.2	17.3	17.8	16.0	15.6	17.5
		+1.4	+1.3	+0.9	+1.0	+1.7	+3.5	+2.6	+3.1	+1.3	+0.9	+2.8
무안군	14.8	16.1	16.1	15.8	16.0	16.7	18.3	18.0	18.1	16.1	15.9	18.0
		+1.3	+1.3	+1.0	+1.2	+1.9	+3.5	+3.2	+3.3	+1.3	+1.1	+3.2
보성군	18.2	20.3	20.7	19.8	20.1	20.9	22.9	21.6	21.9	20.5	19.9	21.8
		+2.1	+2.5	+1.6	+1.9	+2.7	+4.7	+3.4	+3.7	+2.3	+1.7	+3.6
순천시	18.9	21.2	21.3	20.7	21.0	21.7	23.9	22.3	22.3	21.3	20.8	22.3
		+2.3	+2.4	+1.8	+2.1	+2.8	+5.0	+3.4	+3.4	+2.4	+1.9	+3.4
신안군	15.1	16.6	16.4	16.7	16.4	17.1	18.8	18.3	18.6	16.5	16.5	18.4
		+1.5	+1.3	+1.6	+1.3	+2.0	+3.7	+3.2	+3.5	+1.4	+1.4	+3.3
여수시	18.9	21.5	21.9	21.0	20.7	22.3	24.7	22.9	23.2	21.7	20.8	23.0
		+2.6	+3.0	+2.1	+1.8	+3.4	+5.8	+4.0	+4.3	+2.8	+1.9	+4.1
영광군	14.3	15.3	14.7	15.4	15.2	16.2	17.5	17.5	17.0	15.0	15.3	17.3
		+1.0	+0.4	+1.1	+0.9	+1.9	+3.2	+3.2	+2.7	+0.7	+1.0	+3.0
영암군	15.2	16.7	16.6	15.9	16.4	17.3	18.9	17.7	18.3	16.6	16.1	18.0
		+1.5	+1.4	+0.7	+1.2	+2.1	+3.7	+2.5	+3.1	+1.4	+0.9	+2.8
완도군	17.3	19.7	20.2	19.6	19.5	20.6	22.5	21.3	21.9	20.0	19.5	21.6
		+2.4	+2.9	+2.3	+2.2	+3.3	+5.2	+4.0	+4.6	+2.7	+2.2	+4.3
장성군	14.6	16.0	15.5	15.9	16.0	16.4	18.0	17.4	17.2	15.7	15.9	17.3
		+1.4	+0.9	+1.3	+1.4	+1.8	+3.4	+2.8	+2.6	+1.1	+1.3	+2.7
장흥군	17.9	20.1	20.2	19.3	19.5	20.7	22.6	21.4	21.8	20.1	19.4	21.6
		+2.2	+2.3	+1.4	+1.6	+2.8	+4.7	+3.5	+3.9	+2.2	+1.5	+3.7
진도군	15.5	17.2	17.5	17.1	16.9	17.7	19.4	19.0	19.3	17.4	17.0	19.1
		+1.7	+2.0	+1.6	+1.4	+2.2	+3.9	+3.5	+3.8	+1.9	+1.5	+3.6
함평군	15.1	16.4	16.1	16.0	16.0	17.1	18.4	18.2	18.1	16.2	16.0	18.1
		+1.3	+1.0	+0.9	+0.9	+2.0	+3.3	+3.1	+3.0	+1.1	+0.9	+3.0
해남군	15.9	17.6	17.6	17.1	17.3	18.2	19.8	18.8	19.4	17.6	17.2	19.1
		+1.7	+1.7	+1.2	+1.4	+2.3	+3.9	+2.9	+3.5	+1.7	+1.3	+3.2
화순군	15.6	17.4	17.5	16.5	17.2	17.6	19.3	18.4	18.4	17.4	16.9	18.4
		+1.8	+1.9	+0.9	+1.6	+2.0	+3.7	+2.8	+2.8	+1.8	+1.3	+2.8

표 4-103. 전라남도의 강수강도 21세기 전망과 현재 기후 값 대비 편차(mm/일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	16.3	16.8	19.0	18.0	18.7	19.5	19.6	19.2	19.7	17.9	18.3	19.4
		+0.5	+2.7	+1.7	+2.4	+3.2	+3.3	+2.9	+3.4	+1.6	+2.0	+3.1
강진군	16.8	17.7	19.5	18.6	19.4	20.6	20.7	19.8	20.4	18.6	19.0	20.1
		+0.9	+2.7	+1.8	+2.6	+3.8	+3.9	+3.0	+3.6	+1.8	+2.2	+3.3
고흥군	18.6	19.3	22.0	20.5	21.5	22.4	23.4	22.0	23.0	20.7	21.0	22.5
		+0.7	+3.4	+1.9	+2.9	+3.8	+4.8	+3.4	+4.4	+2.1	+2.4	+3.9
곡성군	15.2	15.7	17.8	16.9	17.5	17.9	17.8	17.5	17.5	16.8	17.2	17.5
		+0.5	+2.6	+1.7	+2.3	+2.7	+2.6	+2.3	+2.3	+1.6	+2.0	+2.3
광양시	18.6	19.5	21.6	20.9	21.7	22.6	22.5	21.8	22.6	20.6	21.3	22.2
		+0.9	+3.0	+2.3	+3.1	+4.0	+3.9	+3.2	+4.0	+2.0	+2.7	+3.6
구례군	16.5	17.2	19.0	18.5	19.1	19.2	19.2	18.9	19.1	18.1	18.8	19.0
		+0.7	+2.5	+2.0	+2.6	+2.7	+2.7	+2.4	+2.6	+1.6	+2.3	+2.5
나주시	15.2	15.3	17.5	16.6	17.3	17.7	17.7	17.7	17.8	16.4	16.9	17.8
		+0.1	+2.3	+1.4	+2.1	+2.5	+2.5	+2.5	+2.6	+1.2	+1.7	+2.6
담양군	14.8	15.2	17.4	16.4	16.8	17.2	17.2	17.2	17.0	16.3	16.6	17.1
		+0.4	+2.6	+1.6	+2.0	+2.4	+2.4	+2.4	+2.2	+1.5	+1.8	+2.3
목포시	14.7	14.9	17.1	15.9	16.3	17.5	17.4	17.6	17.9	16.0	16.1	17.7
		+0.2	+2.4	+1.2	+1.6	+2.8	+2.7	+2.9	+3.2	+1.3	+1.4	+3.0
무안군	14.8	14.9	17.3	16.1	16.7	17.6	17.5	17.8	18.0	16.1	16.4	17.9
		+0.1	+2.5	+1.3	+1.9	+2.8	+2.7	+3.0	+3.2	+1.3	+1.6	+3.1
보성군	18.2	19.0	21.4	20.3	20.9	22.3	22.2	21.1	21.6	20.2	20.6	21.3
		+0.8	+3.2	+2.1	+2.7	+4.1	+4.0	+2.9	+3.4	+2.0	+2.4	+3.1
순천시	18.9	19.9	22.2	21.2	22.0	22.9	22.9	22.0	22.5	21.0	21.6	22.3
		+1.0	+3.3	+2.3	+3.1	+4.0	+4.0	+3.1	+3.6	+2.1	+2.7	+3.4
신안군	15.1	15.2	17.9	16.6	17.0	18.3	18.2	18.8	19.3	16.5	16.8	19.0
		+0.1	+2.8	+1.5	+1.9	+3.2	+3.1	+3.7	+4.2	+1.4	+1.7	+3.9
여수시	18.9	20.1	22.4	21.1	22.2	23.0	23.4	22.9	23.5	21.2	21.7	23.2
		+1.2	+3.5	+2.2	+3.3	+4.1	+4.5	+4.0	+4.6	+2.3	+2.8	+4.3
영광군	14.3	14.0	16.9	15.5	16.0	16.5	16.3	16.8	17.0	15.4	15.7	16.9
		-0.3	+2.6	+1.2	+1.7	+2.2	+2.0	+2.5	+2.7	+1.1	+1.4	+2.6
영암군	15.2	15.5	17.5	16.7	17.3	18.0	18.2	17.7	18.1	16.5	17.0	17.9
		+0.3	+2.3	+1.5	+2.1	+2.8	+3.0	+2.5	+2.9	+1.3	+1.8	+2.7
완도군	17.3	18.1	20.5	19.4	20.5	21.8	22.4	21.6	22.7	19.3	19.9	22.1
		+0.8	+3.2	+2.1	+3.2	+4.5	+5.1	+4.3	+5.4	+2.0	+2.6	+4.8
장성군	14.6	14.9	17.0	16.1	16.6	16.8	16.8	16.9	16.9	15.9	16.3	16.9
		+0.3	+2.4	+1.5	+2.0	+2.2	+2.2	+2.3	+2.3	+1.3	+1.7	+2.3
장흥군	17.9	18.7	20.9	19.8	20.6	21.8	22.3	20.9	21.7	19.8	20.2	21.3
		+0.8	+3.0	+1.9	+2.7	+3.9	+4.4	+3.0	+3.8	+1.9	+2.3	+3.4
진도군	15.5	16.2	18.5	17.1	18.0	19.3	19.0	19.3	20.2	17.4	17.5	19.7
		+0.7	+3.0	+1.6	+2.5	+3.8	+3.5	+3.8	+4.7	+1.9	+2.0	+4.2
함평군	15.1	15.0	17.6	16.5	17.1	17.6	17.5	17.7	17.8	16.3	16.8	17.7
		-0.1	+2.5	+1.4	+2.0	+2.5	+2.4	+2.6	+2.7	+1.2	+1.7	+2.6
해남군	15.9	16.6	18.4	17.4	18.3	19.5	19.3	19.0	19.7	17.5	17.8	19.4
		+0.7	+2.5	+1.5	+2.4	+3.6	+3.4	+3.1	+3.8	+1.6	+1.9	+3.5
화순군	15.6	16.1	18.2	17.1	17.8	18.5	18.3	18.1	18.1	17.1	17.5	18.1
		+0.5	+2.6	+1.5	+2.2	+2.9	+2.7	+2.5	+2.5	+1.5	+1.9	+2.5

표 4-104. 전라남도의 강수강도 21세기 전망과 현재 기후 값 대비 편차(mm/일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	16.3	18.1	17.0	18.6	18.2	19.1	19.9	19.6	20.7	17.5	18.4	20.2
		+1.8	+0.7	+2.3	+1.9	+2.8	+3.6	+3.3	+4.4	+1.2	+2.1	+3.9
강진군	16.8	18.6	17.8	19.4	19.0	19.8	20.6	20.2	21.6	18.2	19.2	20.9
		+1.8	+1.0	+2.6	+2.2	+3.0	+3.8	+3.4	+4.8	+1.4	+2.4	+4.1
고흥군	18.6	21.1	19.4	22.1	21.5	22.1	23.1	22.5	24.8	20.2	21.8	23.6
		+2.5	+0.8	+3.5	+2.9	+3.5	+4.5	+3.9	+6.2	+1.6	+3.2	+5.0
곡성군	15.2	16.4	15.9	17.1	16.7	17.4	18.2	18.2	18.9	16.2	16.9	18.6
		+1.2	+0.7	+1.9	+1.5	+2.2	+3.0	+3.0	+3.7	+1.0	+1.7	+3.4
광양시	18.6	21.0	19.3	21.6	21.3	21.8	22.6	22.5	24.4	20.2	21.4	23.4
		+2.4	+0.7	+3.0	+2.7	+3.2	+4.0	+3.9	+5.8	+1.6	+2.8	+4.8
구례군	16.5	17.9	17.2	18.5	18.2	18.9	19.8	19.5	20.8	17.5	18.3	20.2
		+1.4	+0.7	+2.0	+1.7	+2.4	+3.3	+3.0	+4.3	+1.0	+1.8	+3.7
나주시	15.2	16.5	15.6	16.7	16.6	17.4	18.2	17.9	18.6	16.1	16.7	18.3
		+1.3	+0.4	+1.5	+1.4	+2.2	+3.0	+2.7	+3.4	+0.9	+1.5	+3.1
담양군	14.8	16.0	15.5	16.4	16.1	17.0	17.7	17.6	18.7	15.8	16.3	18.1
		+1.2	+0.7	+1.6	+1.3	+2.2	+2.9	+2.8	+3.9	+1.0	+1.5	+3.3
목포시	14.7	16.2	15.4	16.4	15.9	17.4	17.7	17.8	18.1	15.8	16.1	18.0
		+1.5	+0.7	+1.7	+1.2	+2.7	+3.0	+3.1	+3.4	+1.1	+1.4	+3.3
무안군	14.8	16.3	15.4	16.1	16.2	17.6	18.1	17.8	18.5	15.8	16.2	18.1
		+1.5	+0.6	+1.3	+1.4	+2.8	+3.3	+3.0	+3.7	+1.0	+1.4	+3.3
보성군	18.2	20.3	19.0	21.3	20.8	21.0	22.0	21.8	23.1	19.7	21.0	22.4
		+2.1	+0.8	+3.1	+2.6	+2.8	+3.8	+3.6	+4.9	+1.5	+2.8	+4.2
순천시	18.9	21.3	19.5	21.9	21.6	22.0	22.9	22.6	24.5	20.4	21.8	23.6
		+2.4	+0.6	+3.0	+2.7	+3.1	+4.0	+3.7	+5.6	+1.5	+2.9	+4.7
신안군	15.1	17.1	15.7	17.2	16.6	18.7	18.6	18.8	19.1	16.4	16.9	18.9
		+2.0	+0.6	+2.1	+1.5	+3.6	+3.5	+3.7	+4.0	+1.3	+1.8	+3.8
여수시	18.9	21.5	20.1	22.6	22.4	22.6	23.8	23.3	25.5	20.8	22.5	24.4
		+2.6	+1.2	+3.7	+3.5	+3.7	+4.9	+4.4	+6.6	+1.9	+3.6	+5.5
영광군	14.3	15.5	14.9	15.2	15.5	16.8	17.3	17.0	17.6	15.2	15.4	17.3
		+1.2	+0.6	+0.9	+1.2	+2.5	+3.0	+2.7	+3.3	+0.9	+1.1	+3.0
영암군	15.2	16.7	15.8	17.2	16.7	17.5	18.2	18.0	18.7	16.3	16.9	18.3
		+1.5	+0.6	+2.0	+1.5	+2.3	+3.0	+2.8	+3.5	+1.1	+1.7	+3.1
완도군	17.3	19.8	18.7	21.2	20.2	21.6	22.7	22.1	23.3	19.3	20.7	22.7
		+2.5	+1.4	+3.9	+2.9	+4.3	+5.4	+4.8	+6.0	+2.0	+3.4	+5.4
장성군	14.6	15.8	15.3	15.9	15.8	16.8	17.5	17.4	18.4	15.6	15.8	17.9
		+1.2	+0.7	+1.3	+1.2	+2.2	+2.9	+2.8	+3.8	+1.0	+1.2	+3.3
장흥군	17.9	19.8	18.8	20.9	20.4	21.0	22.0	21.5	23.0	19.3	20.6	22.3
		+1.9	+0.9	+3.0	+2.5	+3.1	+4.1	+3.6	+5.1	+1.4	+2.7	+4.4
진도군	15.5	18.2	16.3	18.2	17.0	19.0	19.5	19.1	20.2	17.3	17.6	19.6
		+2.7	+0.8	+2.7	+1.5	+3.5	+4.0	+3.6	+4.7	+1.8	+2.1	+4.1
함평군	15.1	16.5	15.6	16.1	16.5	17.6	18.4	17.8	18.9	16.0	16.3	18.4
		+1.4	+0.5	+1.0	+1.4	+2.5	+3.3	+2.7	+3.8	+0.9	+1.2	+3.3
해남군	15.9	17.8	16.7	18.4	17.7	19.0	19.7	19.3	20.2	17.3	18.1	19.7
		+1.9	+0.8	+2.5	+1.8	+3.1	+3.8	+3.4	+4.3	+1.4	+2.2	+3.8
화순군	15.6	17.1	16.3	17.7	17.4	17.9	18.6	18.5	19.2	16.7	17.5	18.8
		+1.5	+0.7	+2.1	+1.8	+2.3	+3.0	+2.9	+3.6	+1.1	+1.9	+3.2

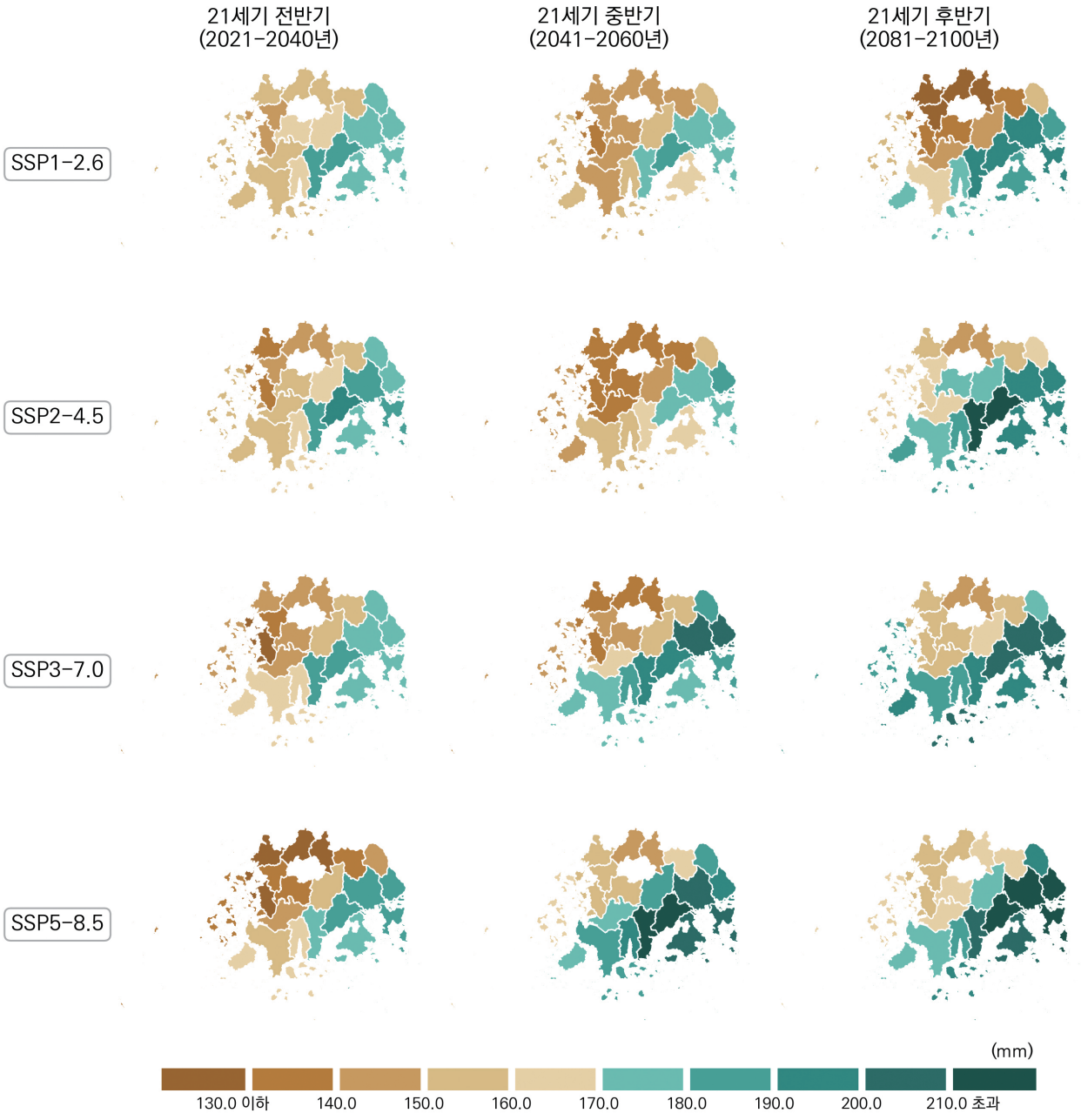


그림 4-36. 전라남도의 1일최다강수량(mm) 전망 분포도

표 4-105. 전라남도의 1일최다강수량 21세기 전망과 현재 기후 값 대비 편차(mm)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	130.7	162.8	160.4	160.3	152.6	162.5	159.3	158.0	161.2	161.6	156.5	159.6
		+32.1	+29.7	+29.6	+21.9	+31.8	+28.6	+27.3	+30.5	+30.9	+25.8	+28.9
강진군	136.7	160.5	167.6	159.0	150.0	169.5	181.7	166.7	178.1	164.0	154.5	172.4
		+23.8	+30.9	+22.3	+13.3	+32.8	+45.0	+30.0	+41.4	+27.3	+17.8	+35.7
고흥군	144.6	175.6	168.9	169.6	170.4	185.3	183.2	178.4	198.9	172.2	170.0	188.6
		+31.0	+24.3	+25.0	+25.8	+40.7	+38.6	+33.8	+54.3	+27.6	+25.4	+44.0
곡성군	124.4	153.0	154.1	153.4	142.2	138.4	148.2	133.1	144.8	153.5	147.8	138.9
		+28.6	+29.7	+29.0	+17.8	+14.0	+23.8	+8.7	+20.4	+29.1	+23.4	+14.5
광양시	158.1	190.5	156.6	174.6	166.0	186.5	176.4	198.1	181.9	173.6	170.3	190.0
		+32.4	-1.5	+16.5	+7.9	+28.4	+18.3	+40.0	+23.8	+15.5	+12.2	+31.9
구례군	140.6	182.6	163.5	164.9	154.9	155.6	159.9	152.2	156.3	173.0	159.9	154.2
		+42.0	+22.9	+24.3	+14.3	+15.0	+19.3	+11.6	+15.7	+32.4	+19.3	+13.6
나주시	122.8	165.5	160.3	148.4	140.9	143.7	138.1	131.2	136.0	162.9	144.6	133.6
		+42.7	+37.5	+25.6	+18.1	+20.9	+15.3	+8.4	+13.2	+40.1	+21.8	+10.8
담양군	116.4	147.9	159.9	153.6	143.2	133.0	127.9	121.7	134.4	153.9	148.4	128.1
		+31.5	+43.5	+37.2	+26.8	+16.6	+11.5	+5.3	+18.0	+37.5	+32.0	+11.7
목포시	107.9	147.5	146.0	142.7	134.5	139.7	135.3	142.3	131.9	146.8	138.6	137.1
		+39.6	+38.1	+34.8	+26.6	+31.8	+27.4	+34.4	+24.0	+38.9	+30.7	+29.2
무안군	110.8	149.7	140.9	137.2	139.4	146.3	131.5	135.8	127.7	145.3	138.3	131.7
		+38.9	+30.1	+26.4	+28.6	+35.5	+20.7	+25.0	+16.9	+34.5	+27.5	+20.9
보성군	153.1	187.9	187.5	195.1	175.6	188.6	204.2	193.5	206.4	187.7	185.3	200.0
		+34.8	+34.4	+42.0	+22.5	+35.5	+51.1	+40.4	+53.3	+34.6	+32.2	+46.9
순천시	155.9	188.9	167.8	186.8	167.5	178.7	183.5	196.3	186.8	178.4	177.2	191.5
		+33.0	+11.9	+30.9	+11.6	+22.8	+27.6	+40.4	+30.9	+22.5	+21.3	+35.6
신안군	115.6	160.2	150.3	156.7	152.2	164.2	150.3	169.7	148.9	155.3	154.4	159.3
		+44.6	+34.7	+41.1	+36.6	+48.6	+34.7	+54.1	+33.3	+39.7	+38.8	+43.7
여수시	153.4	177.7	169.0	181.1	169.0	200.2	172.7	195.1	204.5	173.4	175.0	199.8
		+24.3	+15.6	+27.7	+15.6	+46.8	+19.3	+41.7	+51.1	+20.0	+21.6	+46.4
영광군	116.3	145.8	155.3	139.5	149.8	154.1	135.7	127.6	129.5	150.5	144.6	128.5
		+29.5	+39.0	+23.2	+33.5	+37.8	+19.4	+11.3	+13.2	+34.2	+28.3	+12.2
영암군	121.6	161.8	155.7	153.7	138.1	148.4	143.8	147.7	150.5	158.8	145.9	149.1
		+40.2	+34.1	+32.1	+16.5	+26.8	+22.2	+26.1	+28.9	+37.2	+24.3	+27.5
완도군	130.6	158.9	150.3	151.8	153.5	169.3	191.3	165.6	182.6	154.6	152.6	174.1
		+28.3	+19.7	+21.2	+22.9	+38.7	+60.7	+35.0	+52.0	+24.0	+22.0	+43.5
장성군	116.0	142.0	158.7	141.1	153.6	143.4	128.0	124.5	129.5	150.4	147.4	127.0
		+26.0	+42.7	+25.1	+37.6	+27.4	+12.0	+8.5	+13.5	+34.4	+31.4	+11.0
장흥군	147.3	180.2	185.0	184.9	171.2	192.8	194.3	189.0	206.9	182.6	178.0	198.0
		+32.9	+37.7	+37.6	+23.9	+45.5	+47.0	+41.7	+59.6	+35.3	+30.7	+50.7
진도군	125.7	144.2	158.5	169.9	148.5	170.6	164.3	175.2	167.7	151.3	159.2	171.5
		+18.5	+32.8	+44.2	+22.8	+44.9	+38.6	+49.5	+42.0	+25.6	+33.5	+45.8
함평군	117.1	152.0	145.7	140.1	142.6	156.8	128.0	130.1	121.6	148.9	141.3	125.9
		+34.9	+28.6	+23.0	+25.5	+39.7	+10.9	+13.0	+4.5	+31.8	+24.2	+8.8
해남군	131.3	152.4	160.4	155.6	144.1	161.7	169.7	163.6	168.8	156.4	149.8	166.2
		+21.1	+29.1	+24.3	+12.8	+30.4	+38.4	+32.3	+37.5	+25.1	+18.5	+34.9
화순군	129.2	158.0	167.2	167.9	149.6	148.6	155.5	138.3	152.3	162.6	158.8	145.3
		+28.8	+38.0	+38.7	+20.4	+19.4	+26.3	+9.1	+23.1	+33.4	+29.6	+16.1

표 4-106. 전라남도의 1일최다강수량 21세기 전망과 현재 기후 값 대비 편차(mm)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	130.7	158.0	162.9	147.1	153.8	166.4	194.1	169.8	182.4	160.5	150.4	176.1
		+27.3	+32.2	+16.4	+23.1	+35.7	+63.4	+39.1	+51.7	+29.8	+19.7	+45.4
강진군	136.7	160.1	173.0	151.5	152.4	186.3	201.2	170.8	204.4	166.6	151.9	187.6
		+23.4	+36.3	+14.8	+15.7	+49.6	+64.5	+34.1	+67.7	+29.9	+15.2	+50.9
고흥군	144.6	166.8	192.7	173.0	150.7	194.3	218.5	192.9	199.2	179.7	161.8	196.1
		+22.2	+48.1	+28.4	+6.1	+49.7	+73.9	+48.3	+54.6	+35.1	+17.2	+51.5
곡성군	124.4	152.5	157.6	132.4	145.6	143.7	181.1	143.1	163.5	155.1	139.0	153.3
		+28.1	+33.2	+8.0	+21.2	+19.3	+56.7	+18.7	+39.1	+30.7	+14.6	+28.9
광양시	158.1	168.4	178.4	184.4	179.3	200.5	221.1	202.8	185.9	173.4	181.8	194.4
		+10.3	+20.3	+26.3	+21.2	+42.4	+63.0	+44.7	+27.8	+15.3	+23.7	+36.3
구례군	140.6	165.6	174.6	150.9	163.3	153.9	201.4	163.0	175.3	170.1	157.1	169.1
		+25.0	+34.0	+10.3	+22.7	+13.3	+60.8	+22.4	+34.7	+29.5	+16.5	+28.5
나주시	122.8	156.1	149.2	122.5	157.5	153.8	177.1	157.9	185.6	152.6	140.0	171.7
		+33.3	+26.4	-0.3	+34.7	+31.0	+54.3	+35.1	+62.8	+29.8	+17.2	+48.9
담양군	116.4	147.5	142.2	120.6	154.5	142.2	179.3	138.9	152.1	144.8	137.5	145.5
		+31.1	+25.8	+4.2	+38.1	+25.8	+62.9	+22.5	+35.7	+28.4	+21.1	+29.1
목포시	107.9	146.4	139.1	120.8	142.1	126.9	162.0	143.3	166.5	142.7	131.4	154.9
		+38.5	+31.2	+12.9	+34.2	+19.0	+54.1	+35.4	+58.6	+34.8	+23.5	+47.0
무안군	110.8	140.8	133.6	120.7	140.6	136.9	158.2	155.0	168.9	137.2	130.6	161.9
		+30.0	+22.8	+9.9	+29.8	+26.1	+47.4	+44.2	+58.1	+26.4	+19.8	+51.1
보성군	153.1	186.8	200.3	173.2	171.8	191.7	235.1	211.1	211.1	193.5	172.5	211.1
		+33.7	+47.2	+20.1	+18.7	+38.6	+82.0	+58.0	+58.0	+40.4	+19.4	+58.0
순천시	155.9	177.1	189.0	174.9	174.0	192.1	215.7	202.2	185.6	183.0	174.4	193.9
		+21.2	+33.1	+19.0	+18.1	+36.2	+59.8	+46.3	+29.7	+27.1	+18.5	+38.0
신안군	115.6	155.7	147.5	151.8	143.4	146.7	175.5	165.9	172.8	151.6	147.6	169.3
		+40.1	+31.9	+36.2	+27.8	+31.1	+59.9	+50.3	+57.2	+36.0	+32.0	+53.7
여수시	153.4	180.2	187.0	179.5	165.5	203.7	224.3	197.1	199.6	183.6	172.5	198.4
		+26.8	+33.6	+26.1	+12.1	+50.3	+70.9	+43.7	+46.2	+30.2	+19.1	+45.0
영광군	116.3	141.5	124.5	134.6	137.8	147.0	175.4	164.5	151.6	133.0	136.2	158.0
		+25.2	+8.2	+18.3	+21.5	+30.7	+59.1	+48.2	+35.3	+16.7	+19.9	+41.7
영암군	121.6	152.6	153.4	128.2	149.4	154.7	180.3	147.7	183.1	153.0	138.8	165.4
		+31.0	+31.8	+6.6	+27.8	+33.1	+58.7	+26.1	+61.5	+31.4	+17.2	+43.8
완도군	130.6	156.1	170.0	163.4	150.3	191.5	206.9	180.3	198.2	163.1	156.8	189.3
		+25.5	+39.4	+32.8	+19.7	+60.9	+76.3	+49.7	+67.6	+32.5	+26.2	+58.7
장성군	116.0	147.5	133.9	128.9	148.7	143.1	186.0	148.3	145.1	140.7	138.8	146.7
		+31.5	+17.9	+12.9	+32.7	+27.1	+70.0	+32.3	+29.1	+24.7	+22.8	+30.7
장흥군	147.3	178.2	198.8	163.0	166.5	198.3	232.2	197.5	224.8	188.5	164.8	211.1
		+30.9	+51.5	+15.7	+19.2	+51.0	+84.9	+50.2	+77.5	+41.2	+17.5	+63.8
진도군	125.7	141.0	166.0	158.3	138.3	169.9	185.7	167.7	193.2	153.5	148.3	180.5
		+15.3	+40.3	+32.6	+12.6	+44.2	+60.0	+42.0	+67.5	+27.8	+22.6	+54.8
함평군	117.1	144.8	137.8	121.7	144.0	149.4	169.5	159.2	162.1	141.3	132.9	160.7
		+27.7	+20.7	+4.6	+26.9	+32.3	+52.4	+42.1	+45.0	+24.2	+15.8	+43.6
해남군	131.3	150.6	158.4	151.8	152.5	180.0	186.6	160.4	198.9	154.5	152.2	179.7
		+19.3	+27.1	+20.5	+21.2	+48.7	+55.3	+29.1	+67.6	+23.2	+20.9	+48.4
화순군	129.2	159.3	177.3	130.0	154.8	154.8	197.8	165.8	184.3	168.3	142.4	175.0
		+30.1	+48.1	+0.8	+25.6	+25.6	+68.6	+36.6	+55.1	+39.1	+13.2	+45.8

표 4-107. 전라남도의 1일최다강수량 21세기 전망과 현재 기후 값 대비 편차(mm)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	130.7	143.8	172.3	157.1	174.9	167.7	177.8	170.4	183.7	158.0	166.0	177.0
		+13.1	+41.6	+26.4	+44.2	+37.0	+47.1	+39.7	+53.0	+27.3	+35.3	+46.3
강진군	136.7	166.3	172.5	173.5	191.6	182.7	187.0	176.9	186.7	169.4	182.6	181.8
		+29.6	+35.8	+36.8	+54.9	+46.0	+50.3	+40.2	+50.0	+32.7	+45.9	+45.1
고흥군	144.6	149.8	195.0	170.7	181.7	188.3	212.8	194.6	202.5	172.4	176.2	198.5
		+5.2	+50.4	+26.1	+37.1	+43.7	+68.2	+50.0	+57.9	+27.8	+31.6	+53.9
곡성군	124.4	138.4	164.5	137.0	164.5	144.2	157.3	149.7	155.8	151.4	150.8	152.7
		+14.0	+40.1	+12.6	+40.1	+19.8	+32.9	+25.3	+31.4	+27.0	+26.4	+28.3
광양시	158.1	165.9	186.3	191.1	217.1	209.0	219.1	193.3	221.3	176.1	204.1	207.3
		+7.8	+28.2	+33.0	+59.0	+50.9	+61.0	+35.2	+63.2	+18.0	+46.0	+49.2
구례군	140.6	169.3	172.3	163.3	203.7	158.0	179.9	175.6	182.7	170.8	183.5	179.1
		+28.7	+31.7	+22.7	+63.1	+17.4	+39.3	+35.0	+42.1	+30.2	+42.9	+38.5
나주시	122.8	131.3	152.7	147.0	149.3	146.4	160.0	153.2	165.0	142.0	148.2	159.1
		+8.5	+29.9	+24.2	+26.5	+23.6	+37.2	+30.4	+42.2	+19.2	+25.4	+36.3
담양군	116.4	124.1	164.8	126.6	141.4	133.7	138.0	152.3	142.4	144.5	134.0	147.3
		+7.7	+48.4	+10.2	+25.0	+17.3	+21.6	+35.9	+26.0	+28.1	+17.6	+30.9
목포시	107.9	114.9	140.7	135.0	149.9	137.2	144.1	147.8	161.7	127.8	142.5	154.7
		+7.0	+32.8	+27.1	+42.0	+29.3	+36.2	+39.9	+53.8	+19.9	+34.6	+46.8
무안군	110.8	116.6	143.4	134.5	141.9	137.3	154.1	144.8	170.1	130.0	138.2	157.5
		+5.8	+32.6	+23.7	+31.1	+26.5	+43.3	+34.0	+59.3	+19.2	+27.4	+46.7
보성군	153.1	164.7	198.6	191.9	207.4	218.7	230.4	195.6	207.2	181.7	199.7	201.4
		+11.6	+45.5	+38.8	+54.3	+65.6	+77.3	+42.5	+54.1	+28.6	+46.6	+48.3
순천시	155.9	172.8	185.4	189.9	212.6	214.5	232.4	194.5	214.5	179.1	201.3	204.5
		+16.9	+29.5	+34.0	+56.7	+58.6	+76.5	+38.6	+58.6	+23.2	+45.4	+48.6
신안군	115.6	122.9	170.5	137.7	156.0	150.0	162.8	172.6	189.8	146.7	146.9	181.2
		+7.3	+54.9	+22.1	+40.4	+34.4	+47.2	+57.0	+74.2	+31.1	+31.3	+65.6
여수시	153.4	167.7	189.4	180.5	195.3	203.2	221.8	193.5	211.6	178.5	187.9	202.5
		+14.3	+36.0	+27.1	+41.9	+49.8	+68.4	+40.1	+58.2	+25.1	+34.5	+49.1
영광군	116.3	112.4	170.1	127.7	138.4	140.4	142.4	139.4	170.9	141.2	133.0	155.1
		-3.9	+53.8	+11.4	+22.1	+24.1	+26.1	+23.1	+54.6	+24.9	+16.7	+38.8
영암군	121.6	133.3	155.1	165.3	167.0	146.2	162.5	150.0	170.1	144.2	166.2	160.0
		+11.7	+33.5	+43.7	+45.4	+24.6	+40.9	+28.4	+48.5	+22.6	+44.6	+38.4
완도군	130.6	147.5	182.1	166.0	177.1	182.5	191.8	199.5	210.5	164.8	171.6	205.0
		+16.9	+51.5	+35.4	+46.5	+51.9	+61.2	+68.9	+79.9	+34.2	+41.0	+74.4
장성군	116.0	123.3	167.4	125.4	143.8	134.3	136.4	145.5	147.9	145.4	134.6	146.7
		+7.3	+51.4	+9.4	+27.8	+18.3	+20.4	+29.5	+31.9	+29.4	+18.6	+30.7
장흥군	147.3	169.2	197.0	184.8	211.6	205.9	212.9	191.9	201.7	183.1	198.2	196.8
		+21.9	+49.7	+37.5	+64.3	+58.6	+65.6	+44.6	+54.4	+35.8	+50.9	+49.5
진도군	125.7	148.4	178.2	158.8	194.7	176.5	165.6	194.5	203.7	163.3	176.8	199.1
		+22.7	+52.5	+33.1	+69.0	+50.8	+39.9	+68.8	+78.0	+37.6	+51.1	+73.4
함평군	117.1	121.7	154.2	135.5	147.4	141.0	156.0	144.8	172.0	137.9	141.4	158.4
		+4.6	+37.1	+18.4	+30.3	+23.9	+38.9	+27.7	+54.9	+20.8	+24.3	+41.3
해남군	131.3	158.3	175.4	164.7	188.8	173.1	173.0	180.8	188.5	166.8	176.7	184.7
		+27.0	+44.1	+33.4	+57.5	+41.8	+41.7	+49.5	+57.2	+35.5	+45.4	+53.4
화순군	129.2	144.4	175.0	148.7	165.9	166.8	171.9	157.2	163.9	159.7	157.3	160.5
		+15.2	+45.8	+19.5	+36.7	+37.6	+42.7	+28.0	+34.7	+30.5	+28.1	+31.3

표 4-108. 전라남도의 1일최다강수량 21세기 전망과 현재 기후 값 대비 편차(mm)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	130.7	156.0	149.6	184.1	171.2	170.1	184.0	171.1	189.1	152.8	177.6	180.1
		+25.3	+18.9	+53.4	+40.5	+39.4	+53.3	+40.4	+58.4	+22.1	+46.9	+49.4
강진군	136.7	153.3	169.2	204.0	186.3	185.1	185.0	178.1	185.1	161.3	195.1	181.6
		+16.6	+32.5	+67.3	+49.6	+48.4	+48.3	+41.4	+48.4	+24.6	+58.4	+44.9
고흥군	144.6	183.9	165.3	209.6	202.5	190.8	207.0	181.4	233.6	174.6	206.1	207.5
		+39.3	+20.7	+65.0	+57.9	+46.2	+62.4	+36.8	+89.0	+30.0	+61.5	+62.9
곡성군	124.4	141.0	133.6	174.8	149.1	153.5	168.1	158.0	180.0	137.3	162.0	169.0
		+16.6	+9.2	+50.4	+24.7	+29.1	+43.7	+33.6	+55.6	+12.9	+37.6	+44.6
광양시	158.1	190.6	172.2	204.8	188.5	196.7	212.6	188.6	239.9	181.4	196.6	214.2
		+32.5	+14.1	+46.7	+30.4	+38.6	+54.5	+30.5	+81.8	+23.3	+38.5	+56.1
구례군	140.6	151.8	146.6	194.7	168.0	184.9	193.7	180.4	206.8	149.2	181.3	193.6
		+11.2	+6.0	+54.1	+27.4	+44.3	+53.1	+39.8	+66.2	+8.6	+40.7	+53.0
나주시	122.8	145.1	134.4	156.1	163.1	139.9	179.5	156.9	170.1	139.8	159.6	163.5
		+22.3	+11.6	+33.3	+40.3	+17.1	+56.7	+34.1	+47.3	+17.0	+36.8	+40.7
담양군	116.4	132.4	122.1	159.2	138.4	137.8	152.6	147.7	173.2	127.2	148.8	160.5
		+16.0	+5.7	+42.8	+22.0	+21.4	+36.2	+31.3	+56.8	+10.8	+32.4	+44.1
목포시	107.9	133.8	133.8	166.2	144.9	145.2	143.3	149.3	157.3	133.8	155.6	153.3
		+25.9	+25.9	+58.3	+37.0	+37.3	+35.4	+41.4	+49.4	+25.9	+47.7	+45.4
무안군	110.8	133.8	124.8	145.3	155.3	144.1	160.5	147.1	158.7	129.3	150.3	152.9
		+23.0	+14.0	+34.5	+44.5	+33.3	+49.7	+36.3	+47.9	+18.5	+39.5	+42.1
보성군	153.1	187.2	183.5	222.0	205.5	200.8	216.8	201.0	220.9	185.3	213.8	211.0
		+34.1	+30.4	+68.9	+52.4	+47.7	+63.7	+47.9	+67.8	+32.2	+60.7	+57.9
순천시	155.9	192.4	168.2	203.3	200.0	194.5	222.0	198.8	234.9	180.3	201.7	216.8
		+36.5	+12.3	+47.4	+44.1	+38.6	+66.1	+42.9	+79.0	+24.4	+45.8	+60.9
신안군	115.6	149.1	128.5	174.3	164.5	168.1	163.9	162.8	167.3	138.8	169.4	165.1
		+33.5	+12.9	+58.7	+48.9	+52.5	+48.3	+47.2	+51.7	+23.2	+53.8	+49.5
여수시	153.4	186.5	182.1	204.5	211.2	188.4	226.4	190.6	245.9	184.3	207.9	218.2
		+33.1	+28.7	+51.1	+57.8	+35.0	+73.0	+37.2	+92.5	+30.9	+54.5	+64.8
영광군	116.3	130.8	119.9	143.7	157.0	143.4	166.7	143.9	159.6	125.3	150.4	151.8
		+14.5	+3.6	+27.4	+40.7	+27.1	+50.4	+27.6	+43.3	+9.0	+34.1	+35.5
영암군	121.6	142.1	150.4	178.5	163.3	149.5	159.8	159.8	166.0	146.3	170.9	162.9
		+20.5	+28.8	+56.9	+41.7	+27.9	+38.2	+38.2	+44.4	+24.7	+49.3	+41.3
완도군	130.6	154.7	171.6	207.3	167.8	203.2	208.4	197.0	193.2	163.1	187.5	195.1
		+24.1	+41.0	+76.7	+37.2	+72.6	+77.8	+66.4	+62.6	+32.5	+56.9	+64.5
장성군	116.0	125.9	119.2	147.2	144.0	132.8	159.9	145.4	166.9	122.5	145.6	156.1
		+9.9	+3.2	+31.2	+28.0	+16.8	+43.9	+29.4	+50.9	+6.5	+29.6	+40.1
장흥군	147.3	171.0	188.5	226.3	205.5	204.1	210.6	197.5	210.4	179.7	215.9	203.9
		+23.7	+41.2	+79.0	+58.2	+56.8	+63.3	+50.2	+63.1	+32.4	+68.6	+56.6
진도군	125.7	180.8	143.8	193.5	152.0	187.5	176.8	180.9	174.7	162.3	172.7	177.8
		+55.1	+18.1	+67.8	+26.3	+61.8	+51.1	+55.2	+49.0	+36.6	+47.0	+52.1
함평군	117.1	137.4	124.1	141.9	160.4	141.6	176.2	146.7	168.8	130.7	151.2	157.7
		+20.3	+7.0	+24.8	+43.3	+24.5	+59.1	+29.6	+51.7	+13.6	+34.1	+40.6
해남군	131.3	152.8	154.7	201.8	166.9	192.9	178.8	178.8	170.2	153.8	184.4	174.5
		+21.5	+23.4	+70.5	+35.6	+61.6	+47.5	+47.5	+38.9	+22.5	+53.1	+43.2
화순군	129.2	155.6	154.0	190.9	171.4	157.4	180.0	172.8	176.8	154.8	181.2	174.8
		+26.4	+24.8	+61.7	+42.2	+28.2	+50.8	+43.6	+47.6	+25.6	+52.0	+45.6

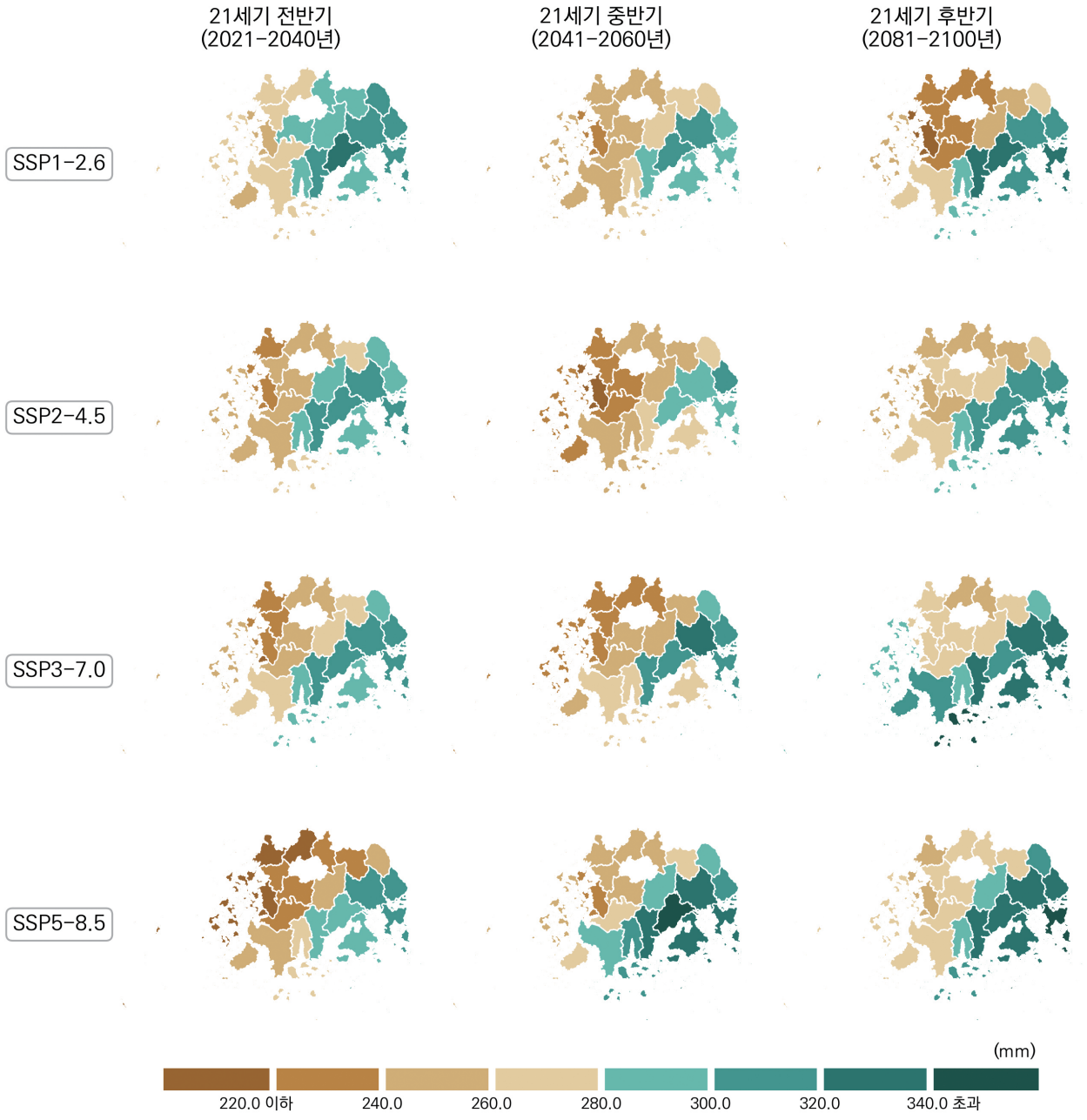


그림 4-37. 전라남도의 5일최다강수량(mm) 전망 분포도

표 4-109. 전라남도의 5일최다강수량 21세기 전망과 현재 기후 값 대비 편차(mm)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	214.0	288.0	279.3	268.0	261.3	276.4	273.8	256.8	273.2	283.6	264.7	265.0
		+74.0	+65.3	+54.0	+47.3	+62.4	+59.8	+42.8	+59.2	+69.6	+50.7	+51.0
강진군	215.7	280.6	291.2	270.5	250.0	279.1	314.5	270.8	306.3	285.9	260.2	288.6
		+64.9	+75.5	+54.8	+34.3	+63.4	+98.8	+55.1	+90.6	+70.2	+44.5	+72.9
고흥군	227.5	294.7	295.9	278.7	292.5	295.2	307.2	285.9	338.5	295.3	285.6	312.2
		+67.2	+68.4	+51.2	+65.0	+67.7	+79.7	+58.4	+111.0	+67.8	+58.1	+84.7
곡성군	213.9	289.9	277.3	268.0	259.8	251.0	263.6	230.0	251.3	283.6	263.9	240.6
		+76.0	+63.4	+54.1	+45.9	+37.1	+49.7	+16.1	+37.4	+69.7	+50.0	+26.7
광양시	251.5	323.8	292.3	294.8	292.7	315.3	297.9	316.8	314.7	308.0	293.7	315.8
		+72.3	+40.8	+43.3	+41.2	+63.8	+46.4	+65.3	+63.2	+56.5	+42.2	+64.3
구례군	243.3	329.3	281.2	285.0	274.6	271.9	276.4	255.0	273.8	305.2	279.8	264.4
		+86.0	+37.9	+41.7	+31.3	+28.6	+33.1	+11.7	+30.5	+61.9	+36.5	+21.1
나주시	202.2	296.7	267.4	252.0	246.1	258.0	247.8	223.8	231.4	282.1	249.0	227.6
		+94.5	+65.2	+49.8	+43.9	+55.8	+45.6	+21.6	+29.2	+79.9	+46.8	+25.4
담양군	208.5	281.8	279.3	256.8	262.9	254.8	238.2	222.5	227.7	280.6	259.9	225.1
		+73.3	+70.8	+48.3	+54.4	+46.3	+29.7	+14.0	+19.2	+72.1	+51.4	+16.6
목포시	170.1	256.2	252.8	237.5	218.4	241.6	231.4	215.5	224.1	254.5	227.9	219.8
		+86.1	+82.7	+67.4	+48.3	+71.5	+61.3	+45.4	+54.0	+84.4	+57.8	+49.7
무안군	181.2	264.5	249.4	233.0	232.2	256.8	230.9	214.0	224.0	257.0	232.6	219.0
		+83.3	+68.2	+51.8	+51.0	+75.6	+49.7	+32.8	+42.8	+75.8	+51.4	+37.8
보성군	250.3	326.3	325.3	318.1	295.0	313.0	341.7	308.2	344.4	325.8	306.6	326.3
		+76.0	+75.0	+67.8	+44.7	+62.7	+91.4	+57.9	+94.1	+75.5	+56.3	+76.0
순천시	259.8	332.5	303.1	315.6	293.7	305.7	312.5	312.4	320.5	317.8	304.6	316.4
		+72.7	+43.3	+55.8	+33.9	+45.9	+52.7	+52.6	+60.7	+58.0	+44.8	+56.6
신안군	183.0	274.0	255.0	249.6	247.2	267.1	244.4	242.2	241.4	264.5	248.4	241.8
		+91.0	+72.0	+66.6	+64.2	+84.1	+61.4	+59.2	+58.4	+81.5	+65.4	+58.8
여수시	242.5	304.7	299.8	292.4	298.0	331.0	295.3	304.3	348.5	302.2	295.2	326.4
		+62.2	+57.3	+49.9	+55.5	+88.5	+52.8	+61.8	+106.0	+59.7	+52.7	+83.9
영광군	198.0	265.9	269.6	232.9	258.4	267.2	235.7	221.1	220.6	267.8	245.6	220.8
		+67.9	+71.6	+34.9	+60.4	+69.2	+37.7	+23.1	+22.6	+69.8	+47.6	+22.8
영암군	191.6	273.2	265.2	256.2	226.0	252.7	250.6	230.5	248.1	269.2	241.1	239.3
		+81.6	+73.6	+64.6	+34.4	+61.1	+59.0	+38.9	+56.5	+77.6	+49.5	+47.7
완도군	214.4	273.7	267.8	262.5	268.5	281.4	308.3	280.1	312.9	270.7	265.5	296.5
		+59.3	+53.4	+48.1	+54.1	+67.0	+93.9	+65.7	+98.5	+56.3	+51.1	+82.1
장성군	208.6	273.7	276.4	243.0	268.2	263.7	233.4	228.7	217.2	275.0	255.6	223.0
		+65.1	+67.8	+34.4	+59.6	+55.1	+24.8	+20.1	+8.6	+66.4	+47.0	+14.4
장흥군	235.0	312.9	318.4	303.0	283.6	313.6	337.3	304.1	350.1	315.6	293.3	327.1
		+77.9	+83.4	+68.0	+48.6	+78.6	+102.3	+69.1	+115.1	+80.6	+58.3	+92.1
진도군	193.7	245.4	267.0	266.6	238.2	262.8	264.2	264.2	260.3	256.2	252.4	262.3
		+51.7	+73.3	+72.9	+44.5	+69.1	+70.5	+70.5	+66.6	+62.5	+58.7	+68.6
함평군	195.2	281.3	259.6	240.7	252.2	274.1	237.1	224.2	218.5	270.5	246.5	221.4
		+86.1	+64.4	+45.5	+57.0	+78.9	+41.9	+29.0	+23.3	+75.3	+51.3	+26.2
해남군	203.9	260.4	269.2	259.8	229.4	261.4	280.4	256.8	276.9	264.8	244.6	266.8
		+56.5	+65.3	+55.9	+25.5	+57.5	+76.5	+52.9	+73.0	+60.9	+40.7	+62.9
화순군	218.2	293.6	280.9	280.5	260.8	263.9	274.9	239.3	258.8	287.3	270.6	249.0
		+75.4	+62.7	+62.3	+42.6	+45.7	+56.7	+21.1	+40.6	+69.1	+52.4	+30.8

표 4-110. 전라남도의 5일최다강수량 21세기 전망과 현재 기후 값 대비 편차(mm)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	214.0	259.8	280.4	254.3	251.3	286.4	318.6	265.3	291.0	270.1	252.8	278.1
		+45.8	+66.4	+40.3	+37.3	+72.4	+104.6	+51.3	+77.0	+56.1	+38.8	+64.1
강진군	215.7	270.8	294.0	263.4	245.3	306.8	327.4	262.5	304.2	282.4	254.4	283.4
		+55.1	+78.3	+47.7	+29.6	+91.1	+111.7	+46.8	+88.5	+66.7	+38.7	+67.7
고흥군	227.5	270.9	326.3	288.2	262.9	329.0	361.8	296.8	323.7	298.6	275.6	310.3
		+43.4	+98.8	+60.7	+35.4	+101.5	+134.3	+69.3	+96.2	+71.1	+48.1	+82.8
곡성군	213.9	252.3	280.3	237.2	252.1	257.7	302.2	239.2	267.1	266.3	244.7	253.2
		+38.4	+66.4	+23.3	+38.2	+43.8	+88.3	+25.3	+53.2	+52.4	+30.8	+39.3
광양시	251.5	285.2	308.9	312.1	297.3	317.2	362.3	290.7	318.8	297.1	304.7	304.7
		+33.7	+57.4	+60.6	+45.8	+65.7	+110.8	+39.2	+67.3	+45.6	+53.2	+53.2
구례군	243.3	269.0	306.4	264.6	281.4	272.4	326.2	259.5	280.7	287.7	273.0	270.1
		+25.7	+63.1	+21.3	+38.1	+29.1	+82.9	+16.2	+37.4	+44.4	+29.7	+26.8
나주시	202.2	260.4	253.2	219.8	242.2	280.7	289.5	254.7	283.7	256.8	231.0	269.2
		+58.2	+51.0	+17.6	+40.0	+78.5	+87.3	+52.5	+81.5	+54.6	+28.8	+67.0
담양군	208.5	245.6	255.7	227.9	253.4	259.2	293.2	238.7	265.1	250.6	240.7	251.9
		+37.1	+47.2	+19.4	+44.9	+50.7	+84.7	+30.2	+56.6	+42.1	+32.2	+43.4
목포시	170.1	228.4	240.7	212.0	214.2	239.5	277.7	229.6	255.4	234.5	213.1	242.5
		+58.3	+70.6	+41.9	+44.1	+69.4	+107.6	+59.5	+85.3	+64.4	+43.0	+72.4
무안군	181.2	230.3	237.7	212.3	221.9	254.1	272.9	251.0	269.1	234.0	217.1	260.0
		+49.1	+56.5	+31.1	+40.7	+72.9	+91.7	+69.8	+87.9	+52.8	+35.9	+78.8
보성군	250.3	306.7	332.3	298.6	286.5	322.2	375.0	309.1	330.0	319.5	292.6	319.6
		+56.4	+82.0	+48.3	+36.2	+71.9	+124.7	+58.8	+79.7	+69.2	+42.3	+69.3
순천시	259.8	297.4	320.6	298.6	301.0	315.9	350.7	302.1	310.9	309.0	299.8	306.5
		+37.6	+60.8	+38.8	+41.2	+56.1	+90.9	+42.3	+51.1	+49.2	+40.0	+46.7
신안군	183.0	236.9	250.4	251.7	226.2	254.2	286.8	246.2	263.7	243.7	239.0	255.0
		+53.9	+67.4	+68.7	+43.2	+71.2	+103.8	+63.2	+80.7	+60.7	+56.0	+72.0
여수시	242.5	293.1	335.4	308.0	278.2	323.5	371.0	299.4	333.7	314.2	293.1	316.6
		+50.6	+92.9	+65.5	+35.7	+81.0	+128.5	+56.9	+91.2	+71.7	+50.6	+74.1
영광군	198.0	232.0	225.7	229.9	229.7	257.1	285.7	264.4	255.5	228.9	229.8	260.0
		+34.0	+27.7	+31.9	+31.7	+59.1	+87.7	+66.4	+57.5	+30.9	+31.8	+62.0
영암군	191.6	246.1	260.3	220.1	229.7	265.6	291.8	242.3	275.3	253.2	224.9	258.8
		+54.5	+68.7	+28.5	+38.1	+74.0	+100.2	+50.7	+83.7	+61.6	+33.3	+67.2
완도군	214.4	256.7	295.3	270.2	249.5	319.6	356.2	280.9	315.0	276.0	259.8	298.0
		+42.3	+80.9	+55.8	+35.1	+105.2	+141.8	+66.5	+100.6	+61.6	+45.4	+83.6
장성군	208.6	246.4	239.9	236.6	244.6	266.9	301.0	254.3	262.1	243.2	240.6	258.2
		+37.8	+31.3	+28.0	+36.0	+58.3	+92.4	+45.7	+53.5	+34.6	+32.0	+49.6
장흥군	235.0	296.7	330.2	283.8	272.6	330.8	371.2	296.2	335.8	313.4	278.2	316.0
		+61.7	+95.2	+48.8	+37.6	+95.8	+136.2	+61.2	+100.8	+78.4	+43.2	+81.0
진도군	193.7	228.0	271.2	253.2	219.0	278.8	300.3	248.9	293.5	249.6	236.1	271.2
		+34.3	+77.5	+59.5	+25.3	+85.1	+106.6	+55.2	+99.8	+55.9	+42.4	+77.5
함평군	195.2	246.5	246.1	219.6	234.7	276.5	284.4	263.5	272.6	246.3	227.1	268.0
		+51.3	+50.9	+24.4	+39.5	+81.3	+89.2	+68.3	+77.4	+51.1	+31.9	+72.8
해남군	203.9	248.3	265.9	251.4	233.7	293.7	306.8	245.7	295.2	257.1	242.5	270.5
		+44.4	+62.0	+47.5	+29.8	+89.8	+102.9	+41.8	+91.3	+53.2	+38.6	+66.6
화순군	218.2	267.3	293.2	235.5	253.2	278.3	314.6	260.7	290.7	280.3	244.3	275.7
		+49.1	+75.0	+17.3	+35.0	+60.1	+96.4	+42.5	+72.5	+62.1	+26.1	+57.5

표 4-111. 전라남도의 5일최다강수량 21세기 전망과 현재 기후 값 대비 편차(mm)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	214.0	250.5	288.9	248.8	281.1	283.7	283.1	285.0	300.4	269.7	264.9	292.7
		+36.5	+74.9	+34.8	+67.1	+69.7	+69.1	+71.0	+86.4	+55.7	+50.9	+78.7
강진군	215.7	281.1	292.6	249.9	304.4	305.4	300.1	297.3	302.6	286.9	277.2	300.0
		+65.4	+76.9	+34.2	+88.7	+89.7	+84.4	+81.6	+86.9	+71.2	+61.5	+84.3
고흥군	227.5	277.3	319.1	255.5	301.6	309.6	332.4	321.4	324.7	298.2	278.5	323.1
		+49.8	+91.6	+28.0	+74.1	+82.1	+104.9	+93.9	+97.2	+70.7	+51.0	+95.6
곡성군	213.9	252.4	282.0	239.2	267.0	266.2	264.5	251.8	274.3	267.2	253.1	263.0
		+38.5	+68.1	+25.3	+53.1	+52.3	+50.6	+37.9	+60.4	+53.3	+39.2	+49.1
광양시	251.5	292.1	313.5	299.5	338.5	335.0	322.4	321.1	345.9	302.8	319.0	333.5
		+40.6	+62.0	+48.0	+87.0	+83.5	+70.9	+69.6	+94.4	+51.3	+67.5	+82.0
구례군	243.3	289.0	290.3	269.5	313.7	281.3	289.9	287.1	296.8	289.7	291.6	292.0
		+45.7	+47.0	+26.2	+70.4	+38.0	+46.6	+43.8	+53.5	+46.4	+48.3	+48.7
나주시	202.2	226.6	263.6	236.3	246.7	256.2	254.1	256.4	271.1	245.1	241.5	263.7
		+24.4	+61.4	+34.1	+44.5	+54.0	+51.9	+54.2	+68.9	+42.9	+39.3	+61.5
담양군	208.5	231.1	280.6	234.0	242.1	252.3	242.0	250.9	260.3	255.8	238.1	255.6
		+22.6	+72.1	+25.5	+33.6	+43.8	+33.5	+42.4	+51.8	+47.3	+29.6	+47.1
목포시	170.1	195.2	243.2	214.3	233.8	242.1	233.9	258.5	270.9	219.2	224.1	264.7
		+25.1	+73.1	+44.2	+63.7	+72.0	+63.8	+88.4	+100.8	+49.1	+54.0	+94.6
무안군	181.2	200.8	250.1	222.0	228.0	244.8	250.8	253.5	273.0	225.4	225.0	263.2
		+19.6	+68.9	+40.8	+46.8	+63.6	+69.6	+72.3	+91.8	+44.2	+43.8	+82.0
보성군	250.3	296.3	330.3	287.0	331.1	346.2	345.0	313.7	322.2	313.3	309.1	317.9
		+46.0	+80.0	+36.7	+80.8	+95.9	+94.7	+63.4	+71.9	+63.0	+58.8	+67.6
순천시	259.8	297.1	318.8	302.8	341.2	337.6	335.7	314.6	342.2	308.0	322.0	328.4
		+37.3	+59.0	+43.0	+81.4	+77.8	+75.9	+54.8	+82.4	+48.2	+62.2	+68.6
신안군	183.0	206.0	274.9	214.5	246.8	253.9	255.8	289.6	300.5	240.5	230.6	295.0
		+23.0	+91.9	+31.5	+63.8	+70.9	+72.8	+106.6	+117.5	+57.5	+47.6	+112.0
여수시	242.5	304.2	327.2	285.0	330.8	319.6	339.0	331.1	343.4	315.7	307.9	337.2
		+61.7	+84.7	+42.5	+88.3	+77.1	+96.5	+88.6	+100.9	+73.2	+65.4	+94.7
영광군	198.0	195.9	272.4	225.0	229.8	249.7	238.8	245.1	275.3	234.1	227.4	260.2
		-2.1	+74.4	+27.0	+31.8	+51.7	+40.8	+47.1	+77.3	+36.1	+29.4	+62.2
영암군	191.6	225.9	266.8	241.9	266.3	254.8	256.5	255.5	275.8	246.4	254.1	265.6
		+34.3	+75.2	+50.3	+74.7	+63.2	+64.9	+63.9	+84.2	+54.8	+62.5	+74.0
완도군	214.4	258.3	307.3	249.2	298.5	308.8	319.5	339.5	355.0	282.8	273.8	347.3
		+43.9	+92.9	+34.8	+84.1	+94.4	+105.1	+125.1	+140.6	+68.4	+59.4	+132.9
장성군	208.6	221.7	276.0	233.9	241.1	249.0	234.7	244.5	257.6	248.8	237.5	251.0
		+13.1	+67.4	+25.3	+32.5	+40.4	+26.1	+35.9	+49.0	+40.2	+28.9	+42.4
장흥군	235.0	297.0	324.5	270.2	333.1	331.0	338.0	317.2	325.6	310.7	301.7	321.4
		+62.0	+89.5	+35.2	+98.1	+96.0	+103.0	+82.2	+90.6	+75.7	+66.7	+86.4
진도군	193.7	238.6	285.1	230.2	288.1	280.4	269.4	309.8	330.0	261.9	259.1	319.9
		+44.9	+91.4	+36.5	+94.4	+86.7	+75.7	+116.1	+136.3	+68.2	+65.4	+126.2
함평군	195.2	213.0	261.4	232.9	238.7	251.2	259.6	250.7	276.5	237.2	235.8	263.6
		+17.8	+66.2	+37.7	+43.5	+56.0	+64.4	+55.5	+81.3	+42.0	+40.6	+68.4
해남군	203.9	258.7	282.6	234.7	291.1	283.4	272.7	295.2	308.1	270.6	262.9	301.6
		+54.8	+78.7	+30.8	+87.2	+79.5	+68.8	+91.3	+104.2	+66.7	+59.0	+97.7
화순군	218.2	254.3	293.5	245.6	270.7	283.0	273.6	264.4	278.2	273.9	258.2	271.3
		+36.1	+75.3	+27.4	+52.5	+64.8	+55.4	+46.2	+60.0	+55.7	+40.0	+53.1

표 4-112. 전라남도의 5일최다강수량 21세기 전망과 현재 기후 값 대비 편차(mm)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	214.0	256.7	246.9	308.8	262.9	287.4	302.9	271.1	305.9	251.8	285.8	288.5
		+42.7	+32.9	+94.8	+48.9	+73.4	+88.9	+57.1	+91.9	+37.8	+71.8	+74.5
강진군	215.7	257.9	268.3	338.0	277.1	301.1	313.6	285.1	302.6	263.1	307.5	293.8
		+42.2	+52.6	+122.3	+61.4	+85.4	+97.9	+69.4	+86.9	+47.4	+91.8	+78.1
고흥군	227.5	297.7	269.7	365.1	299.4	324.4	343.4	291.0	355.4	283.7	332.2	323.2
		+70.2	+42.2	+137.6	+71.9	+96.9	+115.9	+63.5	+127.9	+56.2	+104.7	+95.7
곡성군	213.9	235.5	230.9	297.7	240.7	272.5	287.1	257.4	297.9	233.2	269.2	277.7
		+21.6	+17.0	+83.8	+26.8	+58.6	+73.2	+43.5	+84.0	+19.3	+55.3	+63.8
광양시	251.5	317.3	286.8	343.7	292.0	330.4	347.6	297.0	372.3	302.1	317.9	334.6
		+65.8	+35.3	+92.2	+40.5	+78.9	+96.1	+45.5	+120.8	+50.6	+66.4	+83.1
구례군	243.3	252.8	256.6	316.1	269.1	309.3	324.1	279.4	322.8	254.7	292.6	301.1
		+9.5	+13.3	+72.8	+25.8	+66.0	+80.8	+36.1	+79.5	+11.4	+49.3	+57.8
나주시	202.2	239.6	226.5	264.2	255.1	243.8	282.8	248.2	285.3	233.1	259.6	266.7
		+37.4	+24.3	+62.0	+52.9	+41.6	+80.6	+46.0	+83.1	+30.9	+57.4	+64.5
담양군	208.5	229.3	219.3	273.7	232.8	257.9	264.0	242.7	292.8	224.3	253.2	267.7
		+20.8	+10.8	+65.2	+24.3	+49.4	+55.5	+34.2	+84.3	+15.8	+44.7	+59.2
목포시	170.1	215.2	217.0	261.0	216.2	243.5	247.5	234.4	268.0	216.1	238.6	251.2
		+45.1	+46.9	+90.9	+46.1	+73.4	+77.4	+64.3	+97.9	+46.0	+68.5	+81.1
무안군	181.2	221.0	210.6	244.1	233.7	251.0	262.7	240.0	273.9	215.8	238.9	257.0
		+39.8	+29.4	+62.9	+52.5	+69.8	+81.5	+58.8	+92.7	+34.6	+57.7	+75.8
보성군	250.3	307.7	291.8	376.7	312.3	335.6	350.2	314.3	346.2	299.7	344.5	330.2
		+57.4	+41.5	+126.4	+62.0	+85.3	+99.9	+64.0	+95.9	+49.4	+94.2	+79.9
순천시	259.8	320.5	281.7	357.3	304.5	330.2	359.5	305.4	360.1	301.1	330.9	332.8
		+60.7	+21.9	+97.5	+44.7	+70.4	+99.7	+45.6	+100.3	+41.3	+71.1	+73.0
신안군	183.0	232.2	207.0	273.3	237.7	274.2	259.2	261.0	276.2	219.6	255.5	268.6
		+49.2	+24.0	+90.3	+54.7	+91.2	+76.2	+78.0	+93.2	+36.6	+72.5	+85.6
여수시	242.5	310.2	301.8	369.3	307.8	335.8	367.4	304.5	379.2	306.0	338.5	341.8
		+67.7	+59.3	+126.8	+65.3	+93.3	+124.9	+62.0	+136.7	+63.5	+96.0	+99.3
영광군	198.0	213.9	204.0	245.0	246.1	252.1	263.2	240.7	258.5	208.9	245.5	249.6
		+15.9	+6.0	+47.0	+48.1	+54.1	+65.2	+42.7	+60.5	+10.9	+47.5	+51.6
영암군	191.6	233.2	234.3	284.0	243.6	244.8	265.2	248.4	278.8	233.7	263.8	263.6
		+41.6	+42.7	+92.4	+52.0	+53.2	+73.6	+56.8	+87.2	+42.1	+72.2	+72.0
완도군	214.4	258.4	277.7	357.2	265.0	328.1	351.8	312.0	306.3	268.0	311.1	309.2
		+44.0	+63.3	+142.8	+50.6	+113.7	+137.4	+97.6	+91.9	+53.6	+96.7	+94.8
장성군	208.6	222.4	213.8	255.7	238.5	249.5	265.5	243.0	277.8	218.1	247.1	260.4
		+13.8	+5.2	+47.1	+29.9	+40.9	+56.9	+34.4	+69.2	+9.5	+38.5	+51.8
장흥군	235.0	285.0	289.8	371.7	308.0	333.4	350.4	316.1	339.8	287.4	339.8	327.9
		+50.0	+54.8	+136.7	+73.0	+98.4	+115.4	+81.1	+104.8	+52.4	+104.8	+92.9
진도군	193.7	264.7	230.4	308.6	229.5	288.0	285.2	258.7	277.6	247.5	269.1	268.2
		+71.0	+36.7	+114.9	+35.8	+94.3	+91.5	+65.0	+83.9	+53.8	+75.4	+74.5
함평군	195.2	231.8	214.6	249.8	250.7	251.4	283.5	242.1	287.7	223.2	250.3	264.9
		+36.6	+19.4	+54.6	+55.5	+56.2	+88.3	+46.9	+92.5	+28.0	+55.1	+69.7
해남군	203.9	244.1	248.4	323.3	248.1	293.2	294.6	268.6	277.1	246.3	285.7	272.8
		+40.2	+44.5	+119.4	+44.2	+89.3	+90.7	+64.7	+73.2	+42.4	+81.8	+68.9
화순군	218.2	256.2	251.5	317.9	274.9	272.6	295.2	273.2	294.5	253.9	296.4	283.8
		+38.0	+33.3	+99.7	+56.7	+54.4	+77.0	+55.0	+76.3	+35.7	+78.2	+65.6

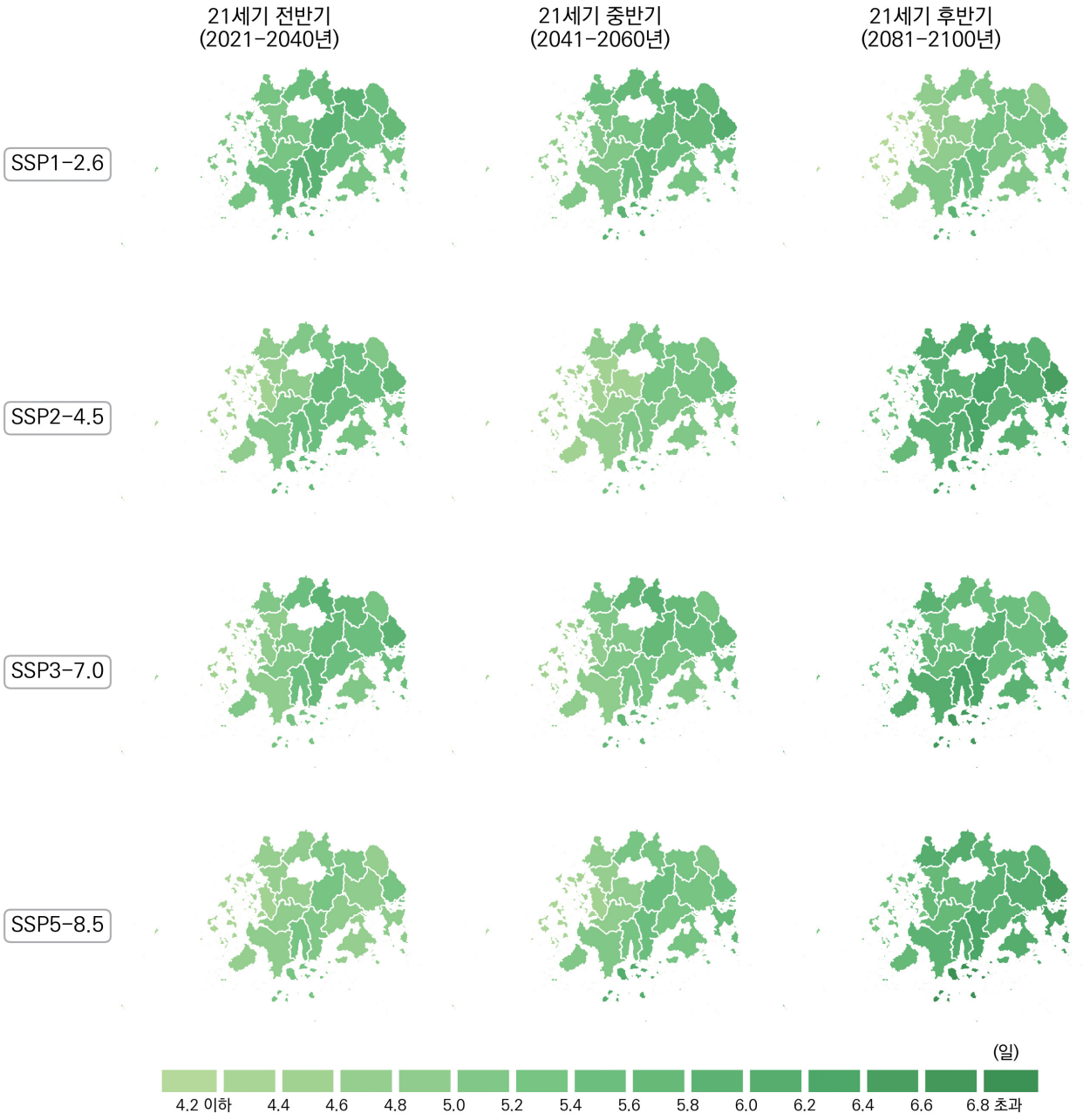


그림 4-38. 전라남도의 95퍼센타일강수일수(일) 전망 분포도

표 4-113. 전라남도의 95퍼센타일강수일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	4.7	5.4	5.7	5.0	6.0	5.6	5.8	5.1	5.1	5.5	5.5	5.1
		+0.7	+1.0	+0.3	+1.3	+0.9	+1.1	+0.4	+0.4	+0.8	+0.8	+0.4
강진군	4.7	5.7	6.1	5.3	6.0	5.7	6.2	5.5	5.4	5.9	5.6	5.5
		+1.0	+1.4	+0.6	+1.3	+1.0	+1.5	+0.8	+0.7	+1.2	+0.9	+0.8
고흥군	4.1	5.3	5.6	4.8	5.7	5.4	5.4	4.9	5.5	5.4	5.3	5.2
		+1.2	+1.5	+0.7	+1.6	+1.3	+1.3	+0.8	+1.4	+1.3	+1.2	+1.1
곡성군	5.2	5.6	6.1	5.4	6.4	5.5	6.0	5.3	5.5	5.9	5.9	5.4
		+0.4	+0.9	+0.2	+1.2	+0.3	+0.8	+0.1	+0.3	+0.7	+0.7	+0.2
광양시	4.9	5.8	5.8	5.6	6.7	6.0	6.2	5.6	5.5	5.8	6.2	5.5
		+0.9	+0.9	+0.7	+1.8	+1.1	+1.3	+0.7	+0.6	+0.9	+1.3	+0.6
구례군	4.9	5.5	5.6	5.1	6.5	5.2	5.7	4.9	5.1	5.6	5.8	5.0
		+0.6	+0.7	+0.2	+1.6	+0.3	+0.8	+0.0	+0.2	+0.7	+0.9	+0.1
나주시	4.7	5.4	5.4	4.7	5.9	5.6	5.8	5.0	4.7	5.4	5.3	4.9
		+0.7	+0.7	+0.0	+1.2	+0.9	+1.1	+0.3	+0.0	+0.7	+0.6	+0.2
담양군	5.3	5.5	5.9	5.2	6.4	5.8	6.1	5.3	5.2	5.7	5.8	5.2
		+0.2	+0.6	-0.1	+1.1	+0.5	+0.8	+0.0	-0.1	+0.4	+0.5	-0.1
목포시	4.1	4.9	5.5	4.4	5.6	5.3	5.4	4.8	4.4	5.2	5.0	4.6
		+0.8	+1.4	+0.3	+1.5	+1.2	+1.3	+0.7	+0.3	+1.1	+0.9	+0.5
무안군	4.4	5.1	5.4	4.6	5.8	5.4	5.7	4.8	4.4	5.3	5.2	4.6
		+0.7	+1.0	+0.2	+1.4	+1.0	+1.3	+0.4	+0.0	+0.9	+0.8	+0.2
보성군	4.6	5.6	5.6	5.1	5.9	5.3	5.8	5.1	5.2	5.6	5.5	5.1
		+1.0	+1.0	+0.5	+1.3	+0.7	+1.2	+0.5	+0.6	+1.0	+0.9	+0.5
순천시	4.6	5.5	5.6	5.4	6.3	5.7	6.0	5.3	5.3	5.6	5.8	5.3
		+0.9	+1.0	+0.8	+1.7	+1.1	+1.4	+0.7	+0.7	+1.0	+1.2	+0.7
신안군	4.1	4.9	5.4	4.3	5.3	5.0	5.2	4.4	4.1	5.2	4.8	4.2
		+0.8	+1.3	+0.2	+1.2	+0.9	+1.1	+0.3	+0.0	+1.1	+0.7	+0.1
여수시	4.5	5.3	5.5	5.2	6.0	5.6	5.7	5.3	5.5	5.4	5.6	5.4
		+0.8	+1.0	+0.7	+1.5	+1.1	+1.2	+0.8	+1.0	+0.9	+1.1	+0.9
영광군	4.8	5.2	5.6	4.9	6.2	5.6	5.5	5.1	4.6	5.4	5.5	4.9
		+0.4	+0.8	+0.1	+1.4	+0.8	+0.7	+0.3	-0.2	+0.6	+0.7	+0.1
영암군	4.7	5.2	5.6	4.7	5.8	5.4	5.9	5.0	4.9	5.4	5.2	5.0
		+0.5	+0.9	+0.0	+1.1	+0.7	+1.2	+0.3	+0.2	+0.7	+0.5	+0.3
완도군	4.7	5.3	6.2	5.6	6.2	6.1	6.3	5.8	6.0	5.8	5.9	5.9
		+0.6	+1.5	+0.9	+1.5	+1.4	+1.6	+1.1	+1.3	+1.1	+1.2	+1.2
장성군	5.3	5.4	5.6	5.1	6.5	5.8	6.1	5.5	5.0	5.5	5.8	5.2
		+0.1	+0.3	-0.2	+1.2	+0.5	+0.8	+0.2	-0.3	+0.2	+0.5	-0.1
장흥군	4.9	5.9	6.0	5.3	6.0	5.9	6.2	5.5	5.5	5.9	5.7	5.5
		+1.0	+1.1	+0.4	+1.1	+1.0	+1.3	+0.6	+0.6	+1.0	+0.8	+0.6
진도군	4.6	4.9	6.0	4.8	5.4	5.6	5.7	4.9	4.9	5.4	5.1	4.9
		+0.3	+1.4	+0.2	+0.8	+1.0	+1.1	+0.3	+0.3	+0.8	+0.5	+0.3
함평군	4.5	5.2	5.3	4.6	6.0	5.4	5.7	5.0	4.3	5.2	5.3	4.7
		+0.7	+0.8	+0.1	+1.5	+0.9	+1.2	+0.5	-0.2	+0.7	+0.8	+0.2
해남군	4.5	5.1	5.8	4.8	5.5	5.4	5.8	5.2	5.1	5.5	5.2	5.2
		+0.6	+1.3	+0.3	+1.0	+0.9	+1.3	+0.7	+0.6	+1.0	+0.7	+0.7
화순군	5.2	5.9	6.1	5.3	6.2	5.8	6.2	5.2	5.3	6.0	5.8	5.3
		+0.7	+0.9	+0.1	+1.0	+0.6	+1.0	+0.0	+0.1	+0.8	+0.6	+0.1

표 4-114. 전라남도의 95퍼센타일강수일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	4.7	4.9	5.5	4.7	5.3	5.7	6.5	6.1	6.0	5.2	5.0	6.1
		+0.2	+0.8	+0.0	+0.6	+1.0	+1.8	+1.4	+1.3	+0.5	+0.3	+1.4
강진군	4.7	5.4	5.8	5.0	5.5	6.2	6.8	6.3	6.2	5.6	5.2	6.2
		+0.7	+1.1	+0.3	+0.8	+1.5	+2.1	+1.6	+1.5	+0.9	+0.5	+1.5
고흥군	4.1	5.0	5.5	4.9	5.3	5.7	6.4	5.9	6.1	5.3	5.1	6.0
		+0.9	+1.4	+0.8	+1.2	+1.6	+2.3	+1.8	+2.0	+1.2	+1.0	+1.9
곡성군	5.2	5.3	5.9	5.1	5.7	5.6	6.8	6.3	6.1	5.6	5.4	6.2
		+0.1	+0.7	-0.1	+0.5	+0.4	+1.6	+1.1	+0.9	+0.4	+0.2	+1.0
광양시	4.9	5.6	5.9	5.4	5.6	6.1	7.2	6.4	6.6	5.8	5.5	6.5
		+0.7	+1.0	+0.5	+0.7	+1.2	+2.3	+1.5	+1.7	+0.9	+0.6	+1.6
구례군	4.9	5.0	5.4	4.9	5.6	5.4	6.7	6.1	5.7	5.2	5.2	5.9
		+0.1	+0.5	+0.0	+0.7	+0.5	+1.8	+1.2	+0.8	+0.3	+0.3	+1.0
나주시	4.7	4.7	5.1	4.3	4.9	5.5	6.3	6.2	5.9	4.9	4.6	6.0
		+0.0	+0.4	-0.4	+0.2	+0.8	+1.6	+1.5	+1.2	+0.2	-0.1	+1.3
담양군	5.3	5.0	5.7	4.9	5.6	5.6	6.6	6.5	6.0	5.3	5.3	6.3
		-0.3	+0.4	-0.4	+0.3	+0.3	+1.3	+1.2	+0.7	+0.0	+0.0	+1.0
목포시	4.1	4.3	4.9	4.3	4.8	5.2	5.8	5.8	5.9	4.6	4.6	5.8
		+0.2	+0.8	+0.2	+0.7	+1.1	+1.7	+1.7	+1.8	+0.5	+0.5	+1.7
무안군	4.4	4.2	5.0	4.1	4.9	5.3	6.1	6.1	5.8	4.6	4.5	6.0
		-0.2	+0.6	-0.3	+0.5	+0.9	+1.7	+1.7	+1.4	+0.2	+0.1	+1.6
보성군	4.6	5.2	5.7	4.9	5.4	6.0	6.6	5.9	6.1	5.5	5.1	6.0
		+0.6	+1.1	+0.3	+0.8	+1.4	+2.0	+1.3	+1.5	+0.9	+0.5	+1.4
순천시	4.6	5.5	5.7	5.1	5.6	5.9	6.7	6.2	6.3	5.6	5.4	6.2
		+0.9	+1.1	+0.5	+1.0	+1.3	+2.1	+1.6	+1.7	+1.0	+0.8	+1.6
신안군	4.1	4.1	4.5	4.2	4.6	4.8	5.4	5.4	5.3	4.3	4.4	5.4
		+0.0	+0.4	+0.1	+0.5	+0.7	+1.3	+1.3	+1.2	+0.2	+0.3	+1.3
여수시	4.5	5.1	5.8	4.9	5.5	5.9	6.6	6.1	6.2	5.4	5.2	6.1
		+0.6	+1.3	+0.4	+1.0	+1.4	+2.1	+1.6	+1.7	+0.9	+0.7	+1.6
영광군	4.8	4.6	5.2	4.5	5.2	5.7	6.5	6.3	6.0	4.9	4.9	6.1
		-0.2	+0.4	-0.3	+0.4	+0.9	+1.7	+1.5	+1.2	+0.1	+0.1	+1.3
영암군	4.7	4.8	5.4	4.5	5.0	5.6	6.2	6.0	5.9	5.1	4.7	5.9
		+0.1	+0.7	-0.2	+0.3	+0.9	+1.5	+1.3	+1.2	+0.4	+0.0	+1.2
완도군	4.7	5.4	6.1	5.1	5.7	6.2	7.0	6.4	6.5	5.7	5.4	6.4
		+0.7	+1.4	+0.4	+1.0	+1.5	+2.3	+1.7	+1.8	+1.0	+0.7	+1.7
장성군	5.3	4.8	5.5	4.7	5.6	5.7	6.7	6.4	5.9	5.2	5.2	6.2
		-0.5	+0.2	-0.6	+0.3	+0.4	+1.4	+1.1	+0.6	-0.1	-0.1	+0.9
장흥군	4.9	5.4	5.9	5.0	5.5	6.3	6.9	6.4	6.4	5.6	5.2	6.4
		+0.5	+1.0	+0.1	+0.6	+1.4	+2.0	+1.5	+1.5	+0.7	+0.3	+1.5
진도군	4.6	4.7	5.3	4.2	4.9	5.5	6.0	6.0	5.6	5.0	4.5	5.8
		+0.1	+0.7	-0.4	+0.3	+0.9	+1.4	+1.4	+1.0	+0.4	-0.1	+1.2
함평군	4.5	4.3	5.2	4.1	4.9	5.4	6.2	6.0	6.0	4.7	4.5	6.0
		-0.2	+0.7	-0.4	+0.4	+0.9	+1.7	+1.5	+1.5	+0.2	+0.0	+1.5
해남군	4.5	4.8	5.3	4.5	5.0	5.5	6.4	5.9	5.9	5.1	4.8	5.9
		+0.3	+0.8	+0.0	+0.5	+1.0	+1.9	+1.4	+1.4	+0.6	+0.3	+1.4
화순군	5.2	5.4	6.1	5.0	5.6	6.0	6.9	6.4	6.3	5.7	5.3	6.3
		+0.2	+0.9	-0.2	+0.4	+0.8	+1.7	+1.2	+1.1	+0.5	+0.1	+1.1

표 4-115. 전라남도의 95퍼센타일강수일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	4.7	4.5	6.1	5.0	5.7	5.8	6.1	5.6	6.1	5.3	5.3	5.9
		-0.2	+1.4	+0.3	+1.0	+1.1	+1.4	+0.9	+1.4	+0.6	+0.6	+1.2
강진군	4.7	4.8	6.3	4.8	5.8	6.3	6.7	6.1	6.7	5.6	5.3	6.4
		+0.1	+1.6	+0.1	+1.1	+1.6	+2.0	+1.4	+2.0	+0.9	+0.6	+1.7
고흥군	4.1	4.3	6.0	4.6	5.7	5.9	6.3	5.6	6.2	5.2	5.1	5.9
		+0.2	+1.9	+0.5	+1.6	+1.8	+2.2	+1.5	+2.1	+1.1	+1.0	+1.8
곡성군	5.2	5.0	6.6	5.5	6.0	5.6	5.9	5.5	5.8	5.8	5.7	5.6
		-0.2	+1.4	+0.3	+0.8	+0.4	+0.7	+0.3	+0.6	+0.6	+0.5	+0.4
광양시	4.9	5.1	6.7	5.5	6.0	6.3	6.6	5.8	6.3	5.9	5.7	6.0
		+0.2	+1.8	+0.6	+1.1	+1.4	+1.7	+0.9	+1.4	+1.0	+0.8	+1.1
구례군	4.9	4.5	6.3	5.3	5.6	5.7	5.7	5.1	5.6	5.4	5.4	5.4
		-0.4	+1.4	+0.4	+0.7	+0.8	+0.8	+0.2	+0.7	+0.5	+0.5	+0.5
나주시	4.7	4.3	5.8	4.8	5.5	5.3	5.5	5.4	5.9	5.1	5.2	5.6
		-0.4	+1.1	+0.1	+0.8	+0.6	+0.8	+0.7	+1.2	+0.4	+0.5	+0.9
담양군	5.3	5.0	6.8	5.7	6.0	5.6	6.1	5.5	5.7	5.9	5.9	5.6
		-0.3	+1.5	+0.4	+0.7	+0.3	+0.8	+0.2	+0.4	+0.6	+0.6	+0.3
목포시	4.1	4.2	5.4	4.6	5.1	5.5	5.7	5.7	5.8	4.8	4.8	5.8
		+0.1	+1.3	+0.5	+1.0	+1.4	+1.6	+1.6	+1.7	+0.7	+0.7	+1.7
무안군	4.4	4.1	5.6	4.7	5.3	5.4	5.6	5.6	5.8	4.9	5.0	5.7
		-0.3	+1.2	+0.3	+0.9	+1.0	+1.2	+1.2	+1.4	+0.5	+0.6	+1.3
보성군	4.6	4.6	6.3	4.9	5.7	5.9	6.2	5.2	6.0	5.5	5.3	5.6
		+0.0	+1.7	+0.3	+1.1	+1.3	+1.6	+0.6	+1.4	+0.9	+0.7	+1.0
순천시	4.6	4.7	6.5	5.1	5.8	5.9	6.2	5.2	6.0	5.6	5.5	5.6
		+0.1	+1.9	+0.5	+1.2	+1.3	+1.6	+0.6	+1.4	+1.0	+0.9	+1.0
신안군	4.1	3.7	5.4	4.3	4.8	5.3	5.4	5.5	5.6	4.5	4.6	5.6
		-0.4	+1.3	+0.2	+0.7	+1.2	+1.3	+1.4	+1.5	+0.4	+0.5	+1.5
여수시	4.5	4.7	6.3	5.1	5.9	6.0	6.5	5.7	6.3	5.5	5.5	6.0
		+0.2	+1.8	+0.6	+1.4	+1.5	+2.0	+1.2	+1.8	+1.0	+1.0	+1.5
영광군	4.8	4.2	6.2	5.1	5.6	5.4	5.9	5.9	5.9	5.2	5.3	5.9
		-0.6	+1.4	+0.3	+0.8	+0.6	+1.1	+1.1	+1.1	+0.4	+0.5	+1.1
영암군	4.7	4.5	5.8	4.7	5.7	5.6	6.0	5.7	5.9	5.2	5.2	5.8
		-0.2	+1.1	+0.0	+1.0	+0.9	+1.3	+1.0	+1.2	+0.5	+0.5	+1.1
완도군	4.7	4.4	6.1	5.1	6.2	6.8	7.0	6.7	6.8	5.3	5.7	6.8
		-0.3	+1.4	+0.4	+1.5	+2.1	+2.3	+2.0	+2.1	+0.6	+1.0	+2.1
장성군	5.3	4.7	6.5	5.6	5.9	5.4	6.0	5.5	5.9	5.6	5.8	5.7
		-0.6	+1.2	+0.3	+0.6	+0.1	+0.7	+0.2	+0.6	+0.3	+0.5	+0.4
장흥군	4.9	4.9	6.5	5.0	5.8	6.2	6.7	6.0	6.6	5.7	5.4	6.3
		+0.0	+1.6	+0.1	+0.9	+1.3	+1.8	+1.1	+1.7	+0.8	+0.5	+1.4
진도군	4.6	4.4	5.7	4.7	5.2	6.0	6.2	5.9	6.3	5.1	4.9	6.1
		-0.2	+1.1	+0.1	+0.6	+1.4	+1.6	+1.3	+1.7	+0.5	+0.3	+1.5
함평군	4.5	4.2	5.8	4.9	5.6	5.2	5.6	5.4	5.8	5.0	5.2	5.6
		-0.3	+1.3	+0.4	+1.1	+0.7	+1.1	+0.9	+1.3	+0.5	+0.7	+1.1
해남군	4.5	4.3	5.7	4.5	5.5	6.0	6.2	5.9	6.3	5.0	5.0	6.1
		-0.2	+1.2	+0.0	+1.0	+1.5	+1.7	+1.4	+1.8	+0.5	+0.5	+1.6
화순군	5.2	4.9	6.5	5.5	6.2	5.7	6.1	5.8	6.1	5.7	5.8	6.0
		-0.3	+1.3	+0.3	+1.0	+0.5	+0.9	+0.6	+0.9	+0.5	+0.6	+0.8

표 4-116. 전라남도의 95퍼센타일강수일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	4.7	5.2	4.7	5.2	5.1	6.0	6.5	5.6	6.5	4.9	5.2	6.0
		+0.5	+0.0	+0.5	+0.4	+1.3	+1.8	+0.9	+1.8	+0.2	+0.5	+1.3
강진군	4.7	5.6	4.9	5.3	5.5	6.4	6.7	5.5	7.0	5.3	5.4	6.2
		+0.9	+0.2	+0.6	+0.8	+1.7	+2.0	+0.8	+2.3	+0.6	+0.7	+1.5
고흥군	4.1	4.9	4.5	5.3	5.3	6.0	6.6	5.6	6.9	4.7	5.3	6.2
		+0.8	+0.4	+1.2	+1.2	+1.9	+2.5	+1.5	+2.8	+0.6	+1.2	+2.1
곡성군	5.2	5.3	5.0	5.5	5.2	6.1	6.4	5.8	6.3	5.1	5.3	6.0
		+0.1	-0.2	+0.3	+0.0	+0.9	+1.2	+0.6	+1.1	-0.1	+0.1	+0.8
광양시	4.9	5.6	5.0	5.5	5.7	6.1	6.7	6.2	7.0	5.3	5.6	6.6
		+0.7	+0.1	+0.6	+0.8	+1.2	+1.8	+1.3	+2.1	+0.4	+0.7	+1.7
구례군	4.9	5.0	4.7	5.0	5.1	5.9	6.2	5.6	6.3	4.8	5.1	5.9
		+0.1	-0.2	+0.1	+0.2	+1.0	+1.3	+0.7	+1.4	-0.1	+0.2	+1.0
나주시	4.7	5.0	4.4	5.1	5.0	5.6	6.2	5.3	6.1	4.7	5.0	5.7
		+0.3	-0.3	+0.4	+0.3	+0.9	+1.5	+0.6	+1.4	+0.0	+0.3	+1.0
담양군	5.3	5.4	5.0	5.3	5.3	6.3	6.5	5.6	6.4	5.2	5.3	6.0
		+0.1	-0.3	+0.0	+0.0	+1.0	+1.2	+0.3	+1.1	-0.1	+0.0	+0.7
목포시	4.1	4.7	4.2	4.5	4.3	5.4	6.3	5.4	5.5	4.5	4.4	5.4
		+0.6	+0.1	+0.4	+0.2	+1.3	+2.2	+1.3	+1.4	+0.4	+0.3	+1.3
무안군	4.4	4.8	4.2	4.6	4.5	5.6	6.3	5.6	5.9	4.5	4.5	5.7
		+0.4	-0.2	+0.2	+0.1	+1.2	+1.9	+1.2	+1.5	+0.1	+0.1	+1.3
보성군	4.6	5.1	4.7	5.4	5.2	5.6	6.4	5.4	6.4	4.9	5.3	5.9
		+0.5	+0.1	+0.8	+0.6	+1.0	+1.8	+0.8	+1.8	+0.3	+0.7	+1.3
순천시	4.6	5.3	4.7	5.2	5.4	5.9	6.5	5.7	6.6	5.0	5.3	6.1
		+0.7	+0.1	+0.6	+0.8	+1.3	+1.9	+1.1	+2.0	+0.4	+0.7	+1.5
신안군	4.1	4.5	4.0	4.7	4.0	5.6	6.0	5.3	5.4	4.3	4.3	5.4
		+0.4	-0.1	+0.6	-0.1	+1.5	+1.9	+1.2	+1.3	+0.2	+0.2	+1.3
여수시	4.5	5.1	4.7	5.8	5.9	6.2	6.7	6.0	7.1	4.9	5.8	6.5
		+0.6	+0.2	+1.3	+1.4	+1.7	+2.2	+1.5	+2.6	+0.4	+1.3	+2.0
영광군	4.8	4.9	4.6	4.9	4.8	6.1	6.4	6.0	6.4	4.8	4.9	6.2
		+0.1	-0.2	+0.1	+0.0	+1.3	+1.6	+1.2	+1.6	+0.0	+0.1	+1.4
영암군	4.7	5.3	4.7	4.9	5.0	5.6	6.1	5.2	6.2	5.0	4.9	5.7
		+0.6	+0.0	+0.2	+0.3	+0.9	+1.4	+0.5	+1.5	+0.3	+0.2	+1.0
완도군	4.7	5.6	5.0	6.2	6.0	6.7	7.7	6.3	7.7	5.3	6.1	7.0
		+0.9	+0.3	+1.5	+1.3	+2.0	+3.0	+1.6	+3.0	+0.6	+1.4	+2.3
장성군	5.3	5.1	4.9	5.1	5.4	6.2	6.5	5.8	6.5	5.0	5.3	6.2
		-0.2	-0.4	-0.2	+0.1	+0.9	+1.2	+0.5	+1.2	-0.3	+0.0	+0.9
장흥군	4.9	5.5	4.9	5.4	5.5	6.3	6.8	5.5	7.2	5.2	5.5	6.4
		+0.6	+0.0	+0.5	+0.6	+1.4	+1.9	+0.6	+2.3	+0.3	+0.6	+1.5
진도군	4.6	5.3	4.3	5.5	4.7	6.1	6.6	5.2	6.3	4.8	5.1	5.8
		+0.7	-0.3	+0.9	+0.1	+1.5	+2.0	+0.6	+1.7	+0.2	+0.5	+1.2
함평군	4.5	4.8	4.5	4.8	4.8	5.6	6.2	5.6	6.0	4.7	4.8	5.8
		+0.3	+0.0	+0.3	+0.3	+1.1	+1.7	+1.1	+1.5	+0.2	+0.3	+1.3
해남군	4.5	5.3	4.6	5.1	5.1	6.0	6.7	5.3	6.5	5.0	5.1	5.9
		+0.8	+0.1	+0.6	+0.6	+1.5	+2.2	+0.8	+2.0	+0.5	+0.6	+1.4
화순군	5.2	5.6	5.0	5.5	5.4	6.0	6.5	5.7	6.3	5.3	5.5	6.0
		+0.4	-0.2	+0.3	+0.2	+0.8	+1.3	+0.5	+1.1	+0.1	+0.3	+0.8

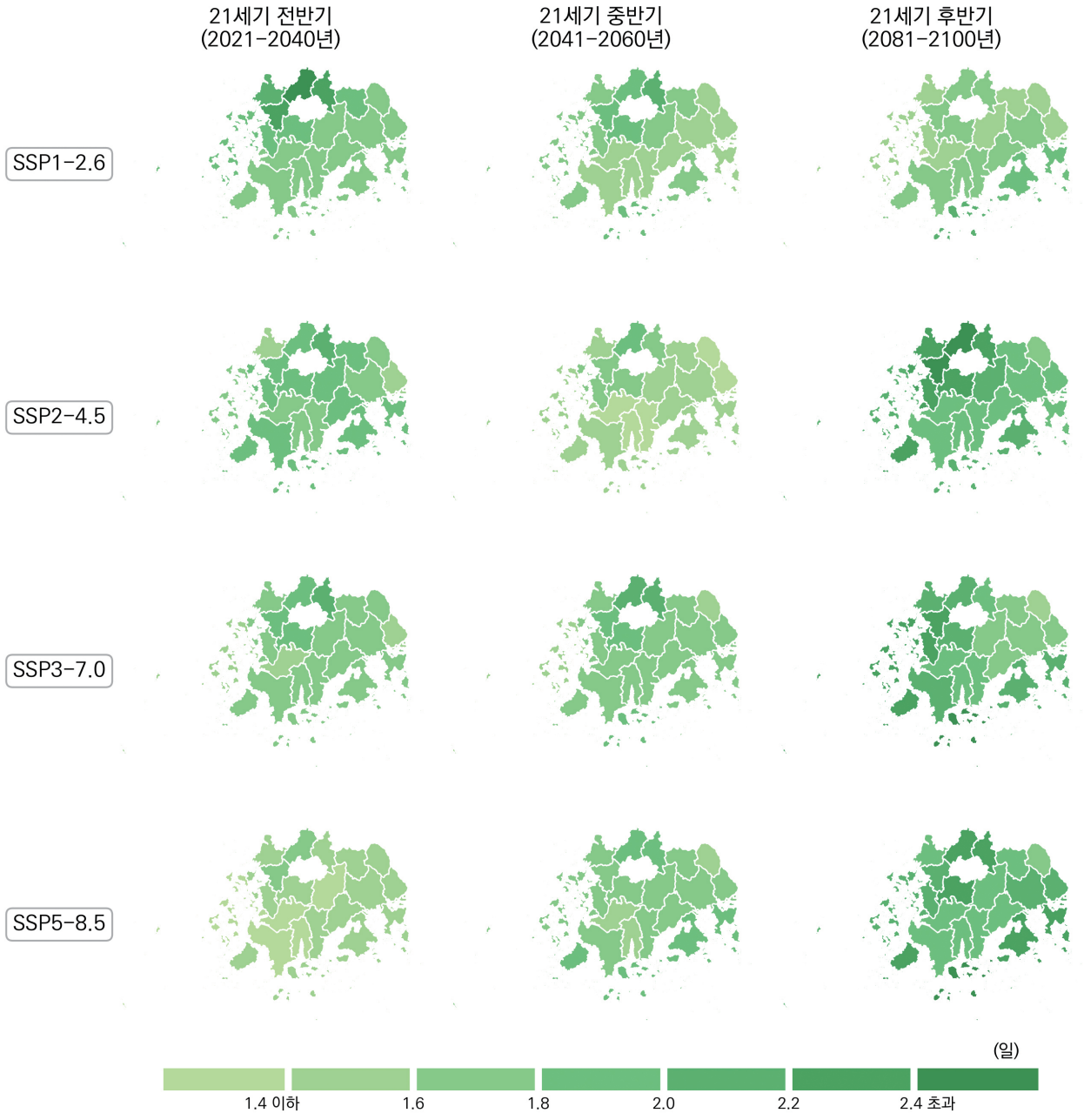


그림 4-39. 전라남도의 99퍼센타일강수일수(일) 전망 분포도

표 4-117. 전라남도의 99퍼센타일강수일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	1.3	1.9	1.9	1.6	1.9	1.9	2.0	1.6	1.7	1.9	1.8	1.7
		+0.6	+0.6	+0.3	+0.6	+0.6	+0.7	+0.3	+0.4	+0.6	+0.5	+0.4
강진군	1.1	1.7	1.8	1.5	1.7	1.6	2.0	1.6	1.9	1.7	1.6	1.8
		+0.6	+0.7	+0.4	+0.6	+0.5	+0.9	+0.5	+0.8	+0.6	+0.5	+0.7
고흥군	1.2	1.7	1.6	1.6	1.8	1.6	1.9	1.7	2.1	1.7	1.7	1.9
		+0.5	+0.4	+0.4	+0.6	+0.4	+0.7	+0.5	+0.9	+0.5	+0.5	+0.7
곡성군	1.3	2.0	2.0	1.8	1.9	1.8	1.9	1.6	1.5	2.0	1.8	1.5
		+0.7	+0.7	+0.5	+0.6	+0.5	+0.6	+0.3	+0.2	+0.7	+0.5	+0.2
광양시	1.2	1.7	1.7	1.5	1.7	1.6	1.6	1.6	1.7	1.7	1.6	1.6
		+0.5	+0.5	+0.3	+0.5	+0.4	+0.4	+0.4	+0.5	+0.5	+0.4	+0.4
구례군	1.3	1.8	1.7	1.5	1.6	1.5	1.6	1.7	1.4	1.8	1.5	1.6
		+0.5	+0.4	+0.2	+0.3	+0.2	+0.3	+0.4	+0.1	+0.5	+0.2	+0.3
나주시	1.3	2.1	1.9	1.8	2.2	1.9	2.1	1.6	1.7	2.0	2.0	1.7
		+0.8	+0.6	+0.5	+0.9	+0.6	+0.8	+0.3	+0.4	+0.7	+0.7	+0.4
담양군	1.3	2.3	2.6	1.9	2.3	2.1	2.2	1.8	1.6	2.4	2.1	1.7
		+1.0	+1.3	+0.6	+1.0	+0.8	+0.9	+0.5	+0.3	+1.1	+0.8	+0.4
목포시	1.3	1.8	1.8	1.6	2.1	2.1	1.8	1.4	1.4	1.8	1.8	1.4
		+0.5	+0.5	+0.3	+0.8	+0.8	+0.5	+0.1	+0.1	+0.5	+0.5	+0.1
무안군	1.3	2.0	2.0	1.6	2.0	2.1	1.9	1.6	1.6	2.0	1.8	1.6
		+0.7	+0.7	+0.3	+0.7	+0.8	+0.6	+0.3	+0.3	+0.7	+0.5	+0.3
보성군	1.3	1.7	1.8	1.5	1.7	1.6	2.0	1.6	1.7	1.8	1.6	1.7
		+0.4	+0.5	+0.2	+0.4	+0.3	+0.7	+0.3	+0.4	+0.5	+0.3	+0.4
순천시	1.4	1.7	1.8	1.5	1.7	1.6	1.8	1.6	1.7	1.8	1.6	1.7
		+0.3	+0.4	+0.1	+0.3	+0.2	+0.4	+0.2	+0.3	+0.4	+0.2	+0.3
신안군	1.3	1.8	1.9	1.7	2.0	2.0	1.9	1.4	1.5	1.9	1.8	1.5
		+0.5	+0.6	+0.4	+0.7	+0.7	+0.6	+0.1	+0.2	+0.6	+0.5	+0.2
여수시	1.1	1.7	1.7	1.5	1.8	1.8	1.8	1.7	2.1	1.7	1.6	1.9
		+0.6	+0.6	+0.4	+0.7	+0.7	+0.7	+0.6	+1.0	+0.6	+0.5	+0.8
영광군	1.3	2.0	2.1	1.6	2.0	2.1	1.8	1.5	1.6	2.1	1.8	1.5
		+0.7	+0.8	+0.3	+0.7	+0.8	+0.5	+0.2	+0.3	+0.8	+0.5	+0.2
영암군	1.2	1.8	1.6	1.5	1.7	1.8	1.9	1.4	1.6	1.7	1.6	1.5
		+0.6	+0.4	+0.3	+0.5	+0.6	+0.7	+0.2	+0.4	+0.5	+0.4	+0.3
완도군	1.2	1.7	1.9	1.7	2.1	1.9	2.3	1.8	2.4	1.8	1.9	2.1
		+0.5	+0.7	+0.5	+0.9	+0.7	+1.1	+0.6	+1.2	+0.6	+0.7	+0.9
장성군	1.3	2.3	2.7	1.8	2.3	2.2	2.2	1.8	1.7	2.5	2.0	1.8
		+1.0	+1.4	+0.5	+1.0	+0.9	+0.9	+0.5	+0.4	+1.2	+0.7	+0.5
장흥군	1.3	1.7	1.7	1.4	1.7	1.6	2.0	1.6	1.9	1.7	1.6	1.7
		+0.4	+0.4	+0.1	+0.4	+0.3	+0.7	+0.3	+0.6	+0.4	+0.3	+0.4
진도군	1.2	1.7	1.9	1.6	1.9	2.1	2.3	1.8	1.8	1.8	1.7	1.8
		+0.5	+0.7	+0.4	+0.7	+0.9	+1.1	+0.6	+0.6	+0.6	+0.5	+0.6
함평군	1.3	2.3	2.3	1.8	2.3	2.2	2.1	1.7	1.8	2.3	2.0	1.7
		+1.0	+1.0	+0.5	+1.0	+0.9	+0.8	+0.4	+0.5	+1.0	+0.7	+0.4
해남군	1.2	1.7	1.9	1.6	1.7	1.8	2.1	1.6	1.9	1.8	1.6	1.7
		+0.5	+0.7	+0.4	+0.5	+0.6	+0.9	+0.4	+0.7	+0.6	+0.4	+0.5
화순군	1.2	2.0	1.7	1.6	2.0	1.8	2.0	1.5	1.6	1.8	1.8	1.5
		+0.8	+0.5	+0.4	+0.8	+0.6	+0.8	+0.3	+0.4	+0.6	+0.6	+0.3

표 4-118. 전라남도의 99퍼센타일강수일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	1.3	1.7	2.0	1.5	1.6	1.9	2.4	2.2	2.1	1.9	1.6	2.1
		+0.4	+0.7	+0.2	+0.3	+0.6	+1.1	+0.9	+0.8	+0.6	+0.3	+0.8
강진군	1.1	1.7	2.0	1.4	1.3	1.9	2.2	2.0	1.9	1.8	1.3	2.0
		+0.6	+0.9	+0.3	+0.2	+0.8	+1.1	+0.9	+0.8	+0.7	+0.2	+0.9
고흥군	1.2	1.7	2.1	1.5	1.5	2.0	2.5	2.2	2.1	1.9	1.5	2.2
		+0.5	+0.9	+0.3	+0.3	+0.8	+1.3	+1.0	+0.9	+0.7	+0.3	+1.0
곡성군	1.3	1.9	2.2	1.5	1.7	1.8	2.5	2.0	1.9	2.0	1.6	2.0
		+0.6	+0.9	+0.2	+0.4	+0.5	+1.2	+0.7	+0.6	+0.7	+0.3	+0.7
광양시	1.2	1.4	1.8	1.4	1.4	1.8	2.4	2.0	1.9	1.6	1.4	2.0
		+0.2	+0.6	+0.2	+0.2	+0.6	+1.2	+0.8	+0.7	+0.4	+0.2	+0.8
구례군	1.3	1.7	1.9	1.4	1.5	1.6	2.2	1.7	1.7	1.8	1.4	1.7
		+0.4	+0.6	+0.1	+0.2	+0.3	+0.9	+0.4	+0.4	+0.5	+0.1	+0.4
나주시	1.3	1.8	2.2	1.5	1.8	2.1	2.6	2.5	2.2	2.0	1.7	2.4
		+0.5	+0.9	+0.2	+0.5	+0.8	+1.3	+1.2	+0.9	+0.7	+0.4	+1.1
담양군	1.3	2.1	2.2	1.6	2.1	2.1	2.8	2.5	2.3	2.1	1.8	2.4
		+0.8	+0.9	+0.3	+0.8	+0.8	+1.5	+1.2	+1.0	+0.8	+0.5	+1.1
목포시	1.3	1.5	2.2	1.4	1.6	1.9	2.2	2.3	2.3	1.8	1.5	2.3
		+0.2	+0.9	+0.1	+0.3	+0.6	+0.9	+1.0	+1.0	+0.5	+0.2	+1.0
무안군	1.3	1.6	2.2	1.5	1.8	2.1	2.4	2.5	2.3	1.9	1.7	2.4
		+0.3	+0.9	+0.2	+0.5	+0.8	+1.1	+1.2	+1.0	+0.6	+0.4	+1.1
보성군	1.3	1.7	2.0	1.5	1.5	1.8	2.4	2.0	2.0	1.9	1.5	2.0
		+0.4	+0.7	+0.2	+0.2	+0.5	+1.1	+0.7	+0.7	+0.6	+0.2	+0.7
순천시	1.4	1.6	1.8	1.4	1.5	1.7	2.3	2.0	1.9	1.7	1.5	2.0
		+0.2	+0.4	+0.0	+0.1	+0.3	+0.9	+0.6	+0.5	+0.3	+0.1	+0.6
신안군	1.3	1.5	2.0	1.6	1.7	1.9	2.2	2.2	2.2	1.7	1.6	2.2
		+0.2	+0.7	+0.3	+0.4	+0.6	+0.9	+0.9	+0.9	+0.4	+0.3	+0.9
여수시	1.1	1.7	2.3	1.5	1.5	1.9	2.4	2.2	1.9	2.0	1.5	2.0
		+0.6	+1.2	+0.4	+0.4	+0.8	+1.3	+1.1	+0.8	+0.9	+0.4	+0.9
영광군	1.3	1.5	1.7	1.5	1.7	2.1	2.3	2.4	2.2	1.6	1.6	2.3
		+0.2	+0.4	+0.2	+0.4	+0.8	+1.0	+1.1	+0.9	+0.3	+0.3	+1.0
영암군	1.2	1.6	2.0	1.3	1.4	1.7	2.1	2.0	1.9	1.8	1.4	1.9
		+0.4	+0.8	+0.1	+0.2	+0.5	+0.9	+0.8	+0.7	+0.6	+0.2	+0.7
완도군	1.2	1.8	2.1	1.6	1.6	2.1	2.6	2.2	2.3	2.0	1.6	2.2
		+0.6	+0.9	+0.4	+0.4	+0.9	+1.4	+1.0	+1.1	+0.8	+0.4	+1.0
장성군	1.3	2.0	2.1	1.7	2.1	2.3	2.7	2.7	2.4	2.0	1.9	2.6
		+0.7	+0.8	+0.4	+0.8	+1.0	+1.4	+1.4	+1.1	+0.7	+0.6	+1.3
장흥군	1.3	1.6	1.9	1.3	1.3	1.9	2.3	2.0	1.9	1.8	1.3	2.0
		+0.3	+0.6	+0.0	+0.0	+0.6	+1.0	+0.7	+0.6	+0.5	+0.0	+0.7
진도군	1.2	1.7	2.1	1.6	1.7	1.8	2.4	2.3	2.3	1.9	1.6	2.3
		+0.5	+0.9	+0.4	+0.5	+0.6	+1.2	+1.1	+1.1	+0.7	+0.4	+1.1
함평군	1.3	1.9	2.1	1.6	2.0	2.4	2.7	2.7	2.3	2.0	1.8	2.5
		+0.6	+0.8	+0.3	+0.7	+1.1	+1.4	+1.4	+1.0	+0.7	+0.5	+1.2
해남군	1.2	1.7	2.1	1.4	1.5	1.9	2.2	2.0	2.1	1.9	1.5	2.0
		+0.5	+0.9	+0.2	+0.3	+0.7	+1.0	+0.8	+0.9	+0.7	+0.3	+0.8
화순군	1.2	1.9	2.0	1.3	1.7	1.8	2.4	2.2	2.0	1.9	1.5	2.1
		+0.7	+0.8	+0.1	+0.5	+0.6	+1.2	+1.0	+0.8	+0.7	+0.3	+0.9

표 4-119. 전라남도의 99퍼센타일강수일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	1.3	1.4	2.1	1.6	2.0	2.0	2.2	1.8	2.3	1.8	1.8	2.1
		+0.1	+0.8	+0.3	+0.7	+0.7	+0.9	+0.5	+1.0	+0.5	+0.5	+0.8
강진군	1.1	1.4	2.0	1.6	1.9	1.9	2.3	1.7	2.2	1.7	1.8	1.9
		+0.3	+0.9	+0.5	+0.8	+0.8	+1.2	+0.6	+1.1	+0.6	+0.7	+0.8
고흥군	1.2	1.4	2.2	1.6	2.0	1.8	2.7	1.8	2.4	1.8	1.8	2.1
		+0.2	+1.0	+0.4	+0.8	+0.6	+1.5	+0.6	+1.2	+0.6	+0.6	+0.9
곡성군	1.3	1.5	2.2	1.6	2.0	1.9	2.0	1.6	2.0	1.8	1.8	1.8
		+0.2	+0.9	+0.3	+0.7	+0.6	+0.7	+0.3	+0.7	+0.5	+0.5	+0.5
광양시	1.2	1.3	1.7	1.5	1.9	1.9	2.3	1.4	2.0	1.5	1.7	1.7
		+0.1	+0.5	+0.3	+0.7	+0.7	+1.1	+0.2	+0.8	+0.3	+0.5	+0.5
구례군	1.3	1.5	1.8	1.5	1.8	1.6	1.9	1.4	1.8	1.7	1.6	1.6
		+0.2	+0.5	+0.2	+0.5	+0.3	+0.6	+0.1	+0.5	+0.4	+0.3	+0.3
나주시	1.3	1.4	2.4	1.7	2.3	2.1	2.1	2.0	2.4	1.9	2.0	2.2
		+0.1	+1.1	+0.4	+1.0	+0.8	+0.8	+0.7	+1.1	+0.6	+0.7	+0.9
담양군	1.3	1.7	2.5	1.9	2.4	2.1	2.1	1.9	2.2	2.1	2.2	2.0
		+0.4	+1.2	+0.6	+1.1	+0.8	+0.8	+0.6	+0.9	+0.8	+0.9	+0.7
목포시	1.3	1.3	2.1	1.6	2.0	1.8	2.1	2.0	2.3	1.7	1.8	2.2
		+0.0	+0.8	+0.3	+0.7	+0.5	+0.8	+0.7	+1.0	+0.4	+0.5	+0.9
무안군	1.3	1.3	2.2	1.7	2.0	2.0	2.1	2.2	2.4	1.8	1.8	2.3
		+0.0	+0.9	+0.4	+0.7	+0.7	+0.8	+0.9	+1.1	+0.5	+0.5	+1.0
보성군	1.3	1.4	2.0	1.6	1.8	1.8	2.4	1.5	2.0	1.7	1.7	1.7
		+0.1	+0.7	+0.3	+0.5	+0.5	+1.1	+0.2	+0.7	+0.4	+0.4	+0.4
순천시	1.4	1.5	1.9	1.5	1.9	1.9	2.4	1.5	2.0	1.7	1.7	1.7
		+0.1	+0.5	+0.1	+0.5	+0.5	+1.0	+0.1	+0.6	+0.3	+0.3	+0.3
신안군	1.3	1.2	2.0	1.4	1.8	1.8	2.2	2.2	2.4	1.6	1.6	2.3
		-0.1	+0.7	+0.1	+0.5	+0.5	+0.9	+0.9	+1.1	+0.3	+0.3	+1.0
여수시	1.1	1.4	2.1	1.6	1.9	1.9	2.5	1.9	2.3	1.8	1.8	2.1
		+0.3	+1.0	+0.5	+0.8	+0.8	+1.4	+0.8	+1.2	+0.7	+0.7	+1.0
영광군	1.3	1.2	2.2	1.6	1.9	1.9	1.9	2.2	2.3	1.7	1.7	2.2
		-0.1	+0.9	+0.3	+0.6	+0.6	+0.6	+0.9	+1.0	+0.4	+0.4	+0.9
영암군	1.2	1.3	1.9	1.6	1.8	1.9	2.0	1.8	2.2	1.6	1.7	2.0
		+0.1	+0.7	+0.4	+0.6	+0.7	+0.8	+0.6	+1.0	+0.4	+0.5	+0.8
완도군	1.2	1.3	2.2	1.7	2.3	2.3	2.7	2.2	2.7	1.7	2.0	2.5
		+0.1	+1.0	+0.5	+1.1	+1.1	+1.5	+1.0	+1.5	+0.5	+0.8	+1.3
장성군	1.3	1.6	2.5	1.9	2.5	2.2	2.1	1.9	2.4	2.0	2.2	2.2
		+0.3	+1.2	+0.6	+1.2	+0.9	+0.8	+0.6	+1.1	+0.7	+0.9	+0.9
장흥군	1.3	1.3	2.1	1.5	1.8	1.9	2.4	1.7	2.1	1.7	1.7	1.9
		+0.0	+0.8	+0.2	+0.5	+0.6	+1.1	+0.4	+0.8	+0.4	+0.4	+0.6
진도군	1.2	1.4	2.2	1.5	2.1	2.2	2.4	2.0	2.8	1.8	1.8	2.4
		+0.2	+1.0	+0.3	+0.9	+1.0	+1.2	+0.8	+1.6	+0.6	+0.6	+1.2
함평군	1.3	1.5	2.5	1.8	2.3	2.1	2.1	2.1	2.5	2.0	2.0	2.3
		+0.2	+1.2	+0.5	+1.0	+0.8	+0.8	+0.8	+1.2	+0.7	+0.7	+1.0
해남군	1.2	1.5	2.0	1.6	2.0	2.0	2.3	1.8	2.4	1.8	1.8	2.1
		+0.3	+0.8	+0.4	+0.8	+0.8	+1.1	+0.6	+1.2	+0.6	+0.6	+0.9
화순군	1.2	1.4	2.1	1.6	2.1	1.9	2.1	1.6	2.0	1.7	1.8	1.8
		+0.2	+0.9	+0.4	+0.9	+0.7	+0.9	+0.4	+0.8	+0.5	+0.6	+0.6

표 4-120. 전라남도의 99퍼센타일강수일수 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	1.3	1.7	1.3	2.0	1.6	1.9	2.4	2.0	2.3	1.5	1.8	2.1
		+0.4	+0.0	+0.7	+0.3	+0.6	+1.1	+0.7	+1.0	+0.2	+0.5	+0.8
강진군	1.1	1.5	1.3	1.7	1.6	1.7	2.2	1.8	2.3	1.4	1.6	2.0
		+0.4	+0.2	+0.6	+0.5	+0.6	+1.1	+0.7	+1.2	+0.3	+0.5	+0.9
고흥군	1.2	1.8	1.5	2.2	1.8	2.0	2.4	2.0	2.8	1.6	2.0	2.4
		+0.6	+0.3	+1.0	+0.6	+0.8	+1.2	+0.8	+1.6	+0.4	+0.8	+1.2
곡성군	1.3	1.7	1.3	2.0	1.4	1.6	2.3	1.8	2.1	1.5	1.7	1.9
		+0.4	+0.0	+0.7	+0.1	+0.3	+1.0	+0.5	+0.8	+0.2	+0.4	+0.6
광양시	1.2	1.8	1.2	2.0	1.6	1.9	2.4	1.8	2.3	1.5	1.8	2.1
		+0.6	+0.0	+0.8	+0.4	+0.7	+1.2	+0.6	+1.1	+0.3	+0.6	+0.9
구례군	1.3	1.7	1.3	1.7	1.5	1.5	2.1	1.7	1.9	1.5	1.6	1.8
		+0.4	+0.0	+0.4	+0.2	+0.2	+0.8	+0.4	+0.6	+0.2	+0.3	+0.5
나주시	1.3	1.8	1.3	1.9	1.6	1.8	2.5	2.1	2.4	1.5	1.8	2.3
		+0.5	+0.0	+0.6	+0.3	+0.5	+1.2	+0.8	+1.1	+0.2	+0.5	+1.0
담양군	1.3	1.9	1.3	2.2	1.7	2.2	2.6	2.1	2.7	1.6	2.0	2.4
		+0.6	+0.0	+0.9	+0.4	+0.9	+1.3	+0.8	+1.4	+0.3	+0.7	+1.1
목포시	1.3	1.6	1.2	1.8	1.6	2.0	2.3	2.2	2.2	1.4	1.7	2.2
		+0.3	-0.1	+0.5	+0.3	+0.7	+1.0	+0.9	+0.9	+0.1	+0.4	+0.9
무안군	1.3	1.7	1.3	1.9	1.6	2.1	2.5	2.3	2.2	1.5	1.8	2.2
		+0.4	+0.0	+0.6	+0.3	+0.8	+1.2	+1.0	+0.9	+0.2	+0.5	+0.9
보성군	1.3	1.8	1.3	2.0	1.6	1.7	2.3	1.8	2.1	1.6	1.8	2.0
		+0.5	+0.0	+0.7	+0.3	+0.4	+1.0	+0.5	+0.8	+0.3	+0.5	+0.7
순천시	1.4	1.8	1.2	2.0	1.6	1.8	2.4	1.9	2.3	1.5	1.8	2.1
		+0.4	-0.2	+0.6	+0.2	+0.4	+1.0	+0.5	+0.9	+0.1	+0.4	+0.7
신안군	1.3	1.6	1.2	1.8	1.7	2.0	2.3	2.1	2.0	1.4	1.7	2.1
		+0.3	-0.1	+0.5	+0.4	+0.7	+1.0	+0.8	+0.7	+0.1	+0.4	+0.8
여수시	1.1	1.9	1.4	2.3	1.8	2.0	2.6	2.1	2.7	1.6	2.0	2.4
		+0.8	+0.3	+1.2	+0.7	+0.9	+1.5	+1.0	+1.6	+0.5	+0.9	+1.3
영광군	1.3	1.7	1.4	1.8	1.6	2.1	2.3	2.0	2.0	1.5	1.7	2.0
		+0.4	+0.1	+0.5	+0.3	+0.8	+1.0	+0.7	+0.7	+0.2	+0.4	+0.7
영암군	1.2	1.5	1.3	1.8	1.5	1.7	2.2	1.8	2.0	1.4	1.6	1.9
		+0.3	+0.1	+0.6	+0.3	+0.5	+1.0	+0.6	+0.8	+0.2	+0.4	+0.7
완도군	1.2	1.6	1.5	2.1	1.8	2.2	2.8	2.3	2.9	1.5	2.0	2.6
		+0.4	+0.3	+0.9	+0.6	+1.0	+1.6	+1.1	+1.7	+0.3	+0.8	+1.4
장성군	1.3	2.0	1.4	2.2	1.8	2.3	2.6	2.0	2.8	1.7	2.0	2.4
		+0.7	+0.1	+0.9	+0.5	+1.0	+1.3	+0.7	+1.5	+0.4	+0.7	+1.1
장흥군	1.3	1.6	1.3	1.8	1.5	1.7	2.3	1.7	2.3	1.5	1.7	2.0
		+0.3	+0.0	+0.5	+0.2	+0.4	+1.0	+0.4	+1.0	+0.2	+0.4	+0.7
진도군	1.2	2.0	1.3	2.2	1.7	2.0	2.5	2.1	2.6	1.6	1.9	2.3
		+0.8	+0.1	+1.0	+0.5	+0.8	+1.3	+0.9	+1.4	+0.4	+0.7	+1.1
함평군	1.3	1.9	1.4	2.0	1.7	2.2	2.7	2.1	2.4	1.7	1.8	2.2
		+0.6	+0.1	+0.7	+0.4	+0.9	+1.4	+0.8	+1.1	+0.4	+0.5	+0.9
해남군	1.2	1.6	1.3	1.8	1.7	1.8	2.4	1.8	2.2	1.4	1.8	2.0
		+0.4	+0.1	+0.6	+0.5	+0.6	+1.2	+0.6	+1.0	+0.2	+0.6	+0.8
화순군	1.2	1.6	1.2	1.9	1.5	1.5	2.3	1.8	2.1	1.4	1.7	1.9
		+0.4	+0.0	+0.7	+0.3	+0.3	+1.1	+0.6	+0.9	+0.2	+0.5	+0.7

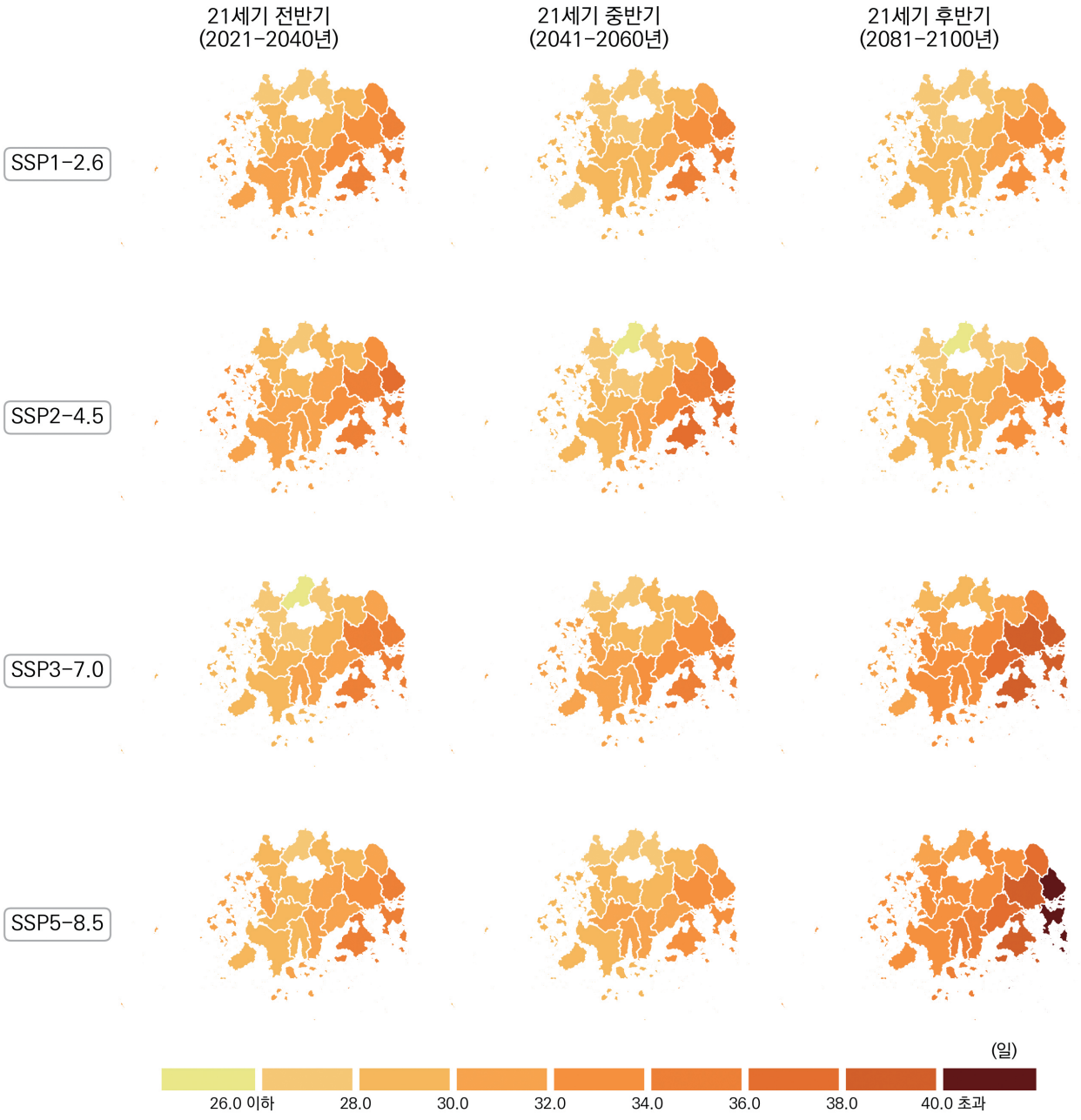


그림 4-40. 전라남도의 최대무강수지속기간(일) 전망 분포도

표 4-121. 전라남도의 최대무강수지속기간 21세기 전망과 현재 기후 값 대비 편차(일)(SSP1-2.6)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	28.1	30.8	30.9	29.1	29.9	29.3	30.5	28.4	30.4	30.8	29.5	29.4
		+2.7	+2.8	+1.0	+1.8	+1.2	+2.4	+0.3	+2.3	+2.7	+1.4	+1.3
강진군	28.4	30.6	30.7	27.8	29.6	28.8	30.0	29.2	30.7	30.7	28.7	29.9
		+2.2	+2.3	-0.6	+1.2	+0.4	+1.6	+0.8	+2.3	+2.3	+0.3	+1.5
고흥군	32.2	37.1	33.5	33.9	34.7	31.9	33.7	31.6	32.8	35.3	34.3	32.2
		+4.9	+1.3	+1.7	+2.5	-0.3	+1.5	-0.6	+0.6	+3.1	+2.1	+0.0
곡성군	26.3	28.2	29.3	26.2	29.9	27.9	28.6	26.8	29.7	28.7	28.1	28.2
		+1.9	+3.0	-0.1	+3.6	+1.6	+2.3	+0.5	+3.4	+2.4	+1.8	+1.9
광양시	32.5	39.3	32.0	34.3	35.2	34.0	33.7	30.5	34.6	35.6	34.8	32.4
		+6.8	-0.5	+1.8	+2.7	+1.5	+1.2	-2.0	+2.1	+3.1	+2.3	-0.1
구례군	30.2	33.0	31.5	29.7	31.6	30.9	30.4	29.1	32.7	32.2	30.7	30.8
		+2.8	+1.3	-0.5	+1.4	+0.7	+0.2	-1.1	+2.5	+2.0	+0.5	+0.6
나주시	26.7	28.0	30.1	26.8	27.0	28.3	29.2	27.0	29.2	29.0	26.9	28.0
		+1.3	+3.4	+0.1	+0.3	+1.6	+2.5	+0.3	+2.5	+2.3	+0.2	+1.3
담양군	25.2	26.6	29.0	25.3	28.8	26.4	27.4	26.3	28.5	27.8	27.0	27.3
		+1.4	+3.8	+0.1	+3.6	+1.2	+2.2	+1.1	+3.3	+2.6	+1.8	+2.1
목포시	25.8	28.6	31.0	29.0	27.8	29.2	31.0	28.7	29.1	29.8	28.4	28.9
		+2.8	+5.2	+3.2	+2.0	+3.4	+5.2	+2.9	+3.3	+4.0	+2.6	+3.1
무안군	26.4	28.9	30.8	28.9	28.2	29.2	30.4	28.5	29.5	29.8	28.6	29.0
		+2.5	+4.4	+2.5	+1.8	+2.8	+4.0	+2.1	+3.1	+3.4	+2.2	+2.6
보성군	29.6	32.7	32.9	31.0	30.6	30.6	31.0	29.6	31.7	32.8	30.8	30.6
		+3.1	+3.3	+1.4	+1.0	+1.0	+1.4	+0.0	+2.1	+3.2	+1.2	+1.0
순천시	32.4	35.9	31.7	33.0	33.9	33.0	31.7	31.0	33.9	33.8	33.4	32.4
		+3.5	-0.7	+0.6	+1.5	+0.6	-0.7	-1.4	+1.5	+1.4	+1.0	+0.0
신안군	27.9	29.2	31.3	29.1	28.8	29.4	31.2	28.3	29.6	30.2	29.0	28.9
		+1.3	+3.4	+1.2	+0.9	+1.5	+3.3	+0.4	+1.7	+2.3	+1.1	+1.0
여수시	34.2	38.7	33.1	35.0	34.9	33.3	34.4	30.8	33.6	35.9	34.9	32.1
		+4.5	-1.1	+0.8	+0.7	-0.9	+0.2	-3.4	-0.6	+1.7	+0.7	-2.1
영광군	24.2	27.5	28.4	27.1	27.7	26.2	29.1	26.6	27.8	28.0	27.4	27.2
		+3.3	+4.2	+2.9	+3.5	+2.0	+4.9	+2.4	+3.6	+3.8	+3.2	+3.0
영암군	26.4	29.7	32.0	28.8	28.4	29.0	31.5	28.0	30.6	30.8	28.6	29.2
		+3.3	+5.6	+2.4	+2.0	+2.6	+5.1	+1.6	+4.2	+4.4	+2.2	+2.8
완도군	29.9	30.4	30.9	28.5	30.0	29.1	30.5	28.5	29.6	30.6	29.2	29.0
		+0.5	+1.0	-1.4	+0.1	-0.8	+0.6	-1.4	-0.3	+0.7	-0.7	-0.9
장성군	24.0	25.8	28.1	25.4	27.1	25.4	27.1	26.1	27.1	26.9	26.2	26.6
		+1.8	+4.1	+1.4	+3.1	+1.4	+3.1	+2.1	+3.1	+2.9	+2.2	+2.6
장흥군	29.0	30.6	31.8	28.5	30.3	29.1	30.8	29.1	30.6	31.2	29.4	29.8
		+1.6	+2.8	-0.5	+1.3	+0.1	+1.8	+0.1	+1.6	+2.2	+0.4	+0.8
진도군	27.1	29.6	30.5	27.7	27.3	28.2	30.4	27.1	30.0	30.1	27.5	28.5
		+2.5	+3.4	+0.6	+0.2	+1.1	+3.3	+0.0	+2.9	+3.0	+0.4	+1.4
함평군	24.6	27.3	29.1	27.0	28.0	27.7	28.9	27.2	28.1	28.2	27.5	27.6
		+2.7	+4.5	+2.4	+3.4	+3.1	+4.3	+2.6	+3.5	+3.6	+2.9	+3.0
해남군	27.7	30.1	30.3	28.1	29.0	28.3	30.8	27.8	30.1	30.2	28.6	28.9
		+2.4	+2.6	+0.4	+1.3	+0.6	+3.1	+0.1	+2.4	+2.5	+0.9	+1.2
화순군	26.8	28.8	31.2	28.1	28.4	28.8	28.8	27.6	29.9	30.0	28.2	28.7
		+2.0	+4.4	+1.3	+1.6	+2.0	+2.0	+0.8	+3.1	+3.2	+1.4	+1.9

표 4-122. 전라남도의 최대무강수지속기간 21세기 전망과 현재 기후 값 대비 편차(일)(SSP2-4.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	28.1	32.6	30.3	30.0	30.8	29.5	29.9	30.1	29.0	31.4	30.4	29.6
		+4.5	+2.2	+1.9	+2.7	+1.4	+1.8	+2.0	+0.9	+3.3	+2.3	+1.5
강진군	28.4	33.3	29.0	29.8	31.8	29.0	29.5	30.1	28.4	31.1	30.8	29.3
		+4.9	+0.6	+1.4	+3.4	+0.6	+1.1	+1.7	+0.0	+2.7	+2.4	+0.9
고흥군	32.2	36.9	32.8	34.8	37.7	32.9	34.6	34.6	32.1	34.8	36.3	33.4
		+4.7	+0.6	+2.6	+5.5	+0.7	+2.4	+2.4	-0.1	+2.6	+4.1	+1.2
곡성군	26.3	30.2	28.3	27.9	28.3	29.3	28.6	27.8	27.8	29.3	28.1	27.8
		+3.9	+2.0	+1.6	+2.0	+3.0	+2.3	+1.5	+1.5	+3.0	+1.8	+1.5
광양시	32.5	38.6	33.8	35.5	39.1	33.7	35.2	33.9	33.8	36.2	37.3	33.9
		+6.1	+1.3	+3.0	+6.6	+1.2	+2.7	+1.4	+1.3	+3.7	+4.8	+1.4
구례군	30.2	35.1	30.9	31.0	33.3	31.7	32.4	30.3	30.5	33.0	32.1	30.4
		+4.9	+0.7	+0.8	+3.1	+1.5	+2.2	+0.1	+0.3	+2.8	+1.9	+0.2
나주시	26.7	30.0	29.2	27.5	27.9	28.2	26.9	28.6	27.4	29.6	27.7	28.1
		+3.3	+2.5	+0.8	+1.2	+1.5	+0.2	+1.9	+0.7	+2.9	+1.0	+1.4
담양군	25.2	28.8	27.7	26.7	26.1	26.8	27.8	26.9	26.1	28.2	26.4	26.5
		+3.6	+2.5	+1.5	+0.9	+1.6	+2.6	+1.7	+0.9	+3.0	+1.2	+1.3
목포시	25.8	30.9	30.4	29.7	28.1	29.1	28.2	29.9	28.1	30.6	28.9	29.1
		+5.1	+4.6	+3.9	+2.3	+3.3	+2.4	+4.1	+2.3	+4.8	+3.1	+3.3
무안군	26.4	31.8	30.8	28.7	28.1	28.4	27.6	29.6	28.2	31.3	28.4	28.9
		+5.4	+4.4	+2.3	+1.7	+2.0	+1.2	+3.2	+1.8	+4.9	+2.0	+2.5
보성군	29.6	35.1	30.8	32.0	34.4	31.7	31.3	31.1	31.0	32.9	33.2	31.0
		+5.5	+1.2	+2.4	+4.8	+2.1	+1.7	+1.5	+1.4	+3.3	+3.6	+1.4
순천시	32.4	37.1	32.1	33.8	36.8	33.5	34.0	32.4	33.0	34.6	35.3	32.7
		+4.7	-0.3	+1.4	+4.4	+1.1	+1.6	+0.0	+0.6	+2.2	+2.9	+0.3
신안군	27.9	32.9	31.5	29.9	28.6	28.2	29.8	30.3	28.9	32.2	29.3	29.6
		+5.0	+3.6	+2.0	+0.7	+0.3	+1.9	+2.4	+1.0	+4.3	+1.4	+1.7
여수시	34.2	37.7	33.6	35.3	38.8	33.8	34.9	35.6	33.7	35.6	37.1	34.7
		+3.5	-0.6	+1.1	+4.6	-0.4	+0.7	+1.4	-0.5	+1.4	+2.9	+0.5
영광군	24.2	29.2	28.2	26.8	25.4	26.3	26.8	27.1	26.3	28.7	26.1	26.7
		+5.0	+4.0	+2.6	+1.2	+2.1	+2.6	+2.9	+2.1	+4.5	+1.9	+2.5
영암군	26.4	32.2	30.6	28.8	29.6	28.8	28.1	30.0	28.6	31.4	29.2	29.3
		+5.8	+4.2	+2.4	+3.2	+2.4	+1.7	+3.6	+2.2	+5.0	+2.8	+2.9
완도군	29.9	32.0	30.2	31.1	31.8	28.7	30.9	29.9	28.3	31.1	31.5	29.1
		+2.1	+0.3	+1.2	+1.9	-1.2	+1.0	+0.0	-1.6	+1.2	+1.6	-0.8
장성군	24.0	28.2	27.4	25.4	25.6	26.0	26.2	25.8	25.8	27.8	25.5	25.8
		+4.2	+3.4	+1.4	+1.6	+2.0	+2.2	+1.8	+1.8	+3.8	+1.5	+1.8
장흥군	29.0	33.2	29.6	30.4	32.7	30.2	30.1	30.1	29.1	31.4	31.5	29.6
		+4.2	+0.6	+1.4	+3.7	+1.2	+1.1	+1.1	+0.1	+2.4	+2.5	+0.6
진도군	27.1	30.7	30.4	29.6	28.4	27.7	29.8	30.7	28.0	30.6	29.0	29.4
		+3.6	+3.3	+2.5	+1.3	+0.6	+2.7	+3.6	+0.9	+3.5	+1.9	+2.3
함평군	24.6	29.2	29.4	26.7	27.3	27.0	26.1	27.8	26.7	29.3	27.0	27.3
		+4.6	+4.8	+2.1	+2.7	+2.4	+1.5	+3.2	+2.1	+4.7	+2.4	+2.7
해남군	27.7	32.9	29.7	28.9	29.8	28.2	29.7	30.7	27.7	31.3	29.3	29.2
		+5.2	+2.0	+1.2	+2.1	+0.5	+2.0	+3.0	+0.0	+3.6	+1.6	+1.5
화순군	26.8	31.1	29.7	28.6	29.0	29.1	28.8	28.1	28.5	30.4	28.8	28.3
		+4.3	+2.9	+1.8	+2.2	+2.3	+2.0	+1.3	+1.7	+3.6	+2.0	+1.5

표 4-123. 전라남도의 최대무강수지속기간 21세기 전망과 현재 기후 값 대비 편차(일)(SSP3-7.0)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	28.1	30.0	29.7	32.3	30.0	30.4	33.5	34.4	32.3	29.9	31.1	33.4
		+1.9	+1.6	+4.2	+1.9	+2.3	+5.4	+6.3	+4.2	+1.8	+3.0	+5.3
강진군	28.4	30.5	29.6	33.2	30.7	31.5	34.9	35.7	30.9	30.1	32.0	33.4
		+2.1	+1.2	+4.8	+2.3	+3.1	+6.5	+7.3	+2.5	+1.7	+3.6	+5.0
고흥군	32.2	33.3	35.0	37.0	32.9	33.4	38.4	40.6	36.9	34.1	35.0	38.8
		+1.1	+2.8	+4.8	+0.7	+1.2	+6.2	+8.4	+4.7	+1.9	+2.8	+6.6
곡성군	26.3	29.0	28.4	30.1	28.5	27.8	32.6	31.2	31.9	28.7	29.3	31.6
		+2.7	+2.1	+3.8	+2.2	+1.5	+6.3	+4.9	+5.6	+2.4	+3.0	+5.3
광양시	32.5	34.8	34.9	36.8	32.5	32.9	38.4	40.0	39.1	34.9	34.6	39.6
		+2.3	+2.4	+4.3	+0.0	+0.4	+5.9	+7.5	+6.6	+2.4	+2.1	+7.1
구례군	30.2	31.4	32.2	33.2	30.5	30.5	35.0	35.1	35.3	31.8	31.8	35.2
		+1.2	+2.0	+3.0	+0.3	+0.3	+4.8	+4.9	+5.1	+1.6	+1.6	+5.0
나주시	26.7	28.3	27.3	30.0	29.5	29.0	31.7	32.4	29.7	27.8	29.8	31.1
		+1.6	+0.6	+3.3	+2.8	+2.3	+5.0	+5.7	+3.0	+1.1	+3.1	+4.4
담양군	25.2	27.3	26.5	28.5	27.6	27.3	30.2	30.3	29.8	26.9	28.1	30.0
		+2.1	+1.3	+3.3	+2.4	+2.1	+5.0	+5.1	+4.6	+1.7	+2.9	+4.8
목포시	25.8	29.8	28.3	31.2	29.1	30.6	31.7	32.6	32.0	29.1	30.2	32.4
		+4.0	+2.5	+5.4	+3.3	+4.8	+5.9	+6.8	+6.2	+3.3	+4.4	+6.6
무안군	26.4	29.6	28.0	30.6	29.7	30.1	31.1	33.2	31.2	28.8	30.2	32.3
		+3.2	+1.6	+4.2	+3.3	+3.7	+4.7	+6.8	+4.8	+2.4	+3.8	+5.9
보성군	29.6	31.6	31.3	34.9	30.3	31.1	37.5	37.9	34.1	31.5	32.6	36.1
		+2.0	+1.7	+5.3	+0.7	+1.5	+7.9	+8.3	+4.5	+1.9	+3.0	+6.5
순천시	32.4	34.4	34.3	36.2	31.4	32.6	38.2	39.8	36.4	34.3	33.8	38.2
		+2.0	+1.9	+3.8	-1.0	+0.2	+5.8	+7.4	+4.0	+1.9	+1.4	+5.8
신안군	27.9	29.4	28.6	32.3	30.5	31.3	30.5	32.4	31.7	29.0	31.4	32.0
		+1.5	+0.7	+4.4	+2.6	+3.4	+2.6	+4.5	+3.8	+1.1	+3.5	+4.1
여수시	34.2	34.7	34.7	37.8	32.8	33.2	38.5	39.3	38.3	34.7	35.3	38.8
		+0.5	+0.5	+3.6	-1.4	-1.0	+4.3	+5.1	+4.1	+0.5	+1.1	+4.6
영광군	24.2	27.2	25.8	28.1	27.7	27.2	28.1	30.3	29.0	26.5	27.9	29.7
		+3.0	+1.6	+3.9	+3.5	+3.0	+3.9	+6.1	+4.8	+2.3	+3.7	+5.5
영암군	26.4	29.1	28.8	31.7	30.3	31.0	32.9	33.3	31.6	28.9	31.0	32.5
		+2.7	+2.4	+5.3	+3.9	+4.6	+6.5	+6.9	+5.2	+2.5	+4.6	+6.1
완도군	29.9	28.5	30.6	31.5	30.7	31.7	33.4	35.0	31.6	29.6	31.1	33.4
		-1.4	+0.7	+1.6	+0.8	+1.8	+3.5	+5.1	+1.7	-0.3	+1.2	+3.5
장성군	24.0	26.5	25.3	27.8	26.9	27.8	29.0	30.3	28.7	25.9	27.4	29.5
		+2.5	+1.3	+3.8	+2.9	+3.8	+5.0	+6.3	+4.7	+1.9	+3.4	+5.5
장흥군	29.0	30.7	29.9	34.3	30.6	31.0	36.1	35.8	31.9	30.3	32.4	33.9
		+1.7	+0.9	+5.3	+1.6	+2.0	+7.1	+6.8	+2.9	+1.3	+3.4	+4.9
진도군	27.1	28.1	28.9	31.1	30.0	30.1	31.1	32.8	29.7	28.5	30.6	31.4
		+1.0	+1.8	+4.0	+2.9	+3.0	+4.0	+5.7	+2.6	+1.4	+3.5	+4.3
함평군	24.6	27.6	26.6	29.6	28.7	28.6	29.9	31.5	29.2	27.1	29.1	30.4
		+3.0	+2.0	+5.0	+4.1	+4.0	+5.3	+6.9	+4.6	+2.5	+4.5	+5.8
해남군	27.7	29.2	29.5	32.2	30.3	30.4	33.0	34.5	30.4	29.3	31.2	32.6
		+1.5	+1.8	+4.5	+2.6	+2.7	+5.3	+6.8	+2.7	+1.6	+3.5	+4.9
화순군	26.8	29.4	29.1	31.3	28.6	28.9	34.1	33.3	31.6	29.3	30.0	32.5
		+2.6	+2.3	+4.5	+1.8	+2.1	+7.3	+6.5	+4.8	+2.5	+3.2	+5.7

표 4-124. 전라남도의 최대무강수지속기간 21세기 전망과 현재 기후 값 대비 편차(일)(SSP5-8.5)

구분	2000-2019	2021-2030	2031-2040	2041-2050	2051-2060	2061-2070	2071-2080	2081-2090	2091-2100	전반기(2021-2040)	중반기(2041-2060)	후반기(2081-2100)
전라남도	28.1	28.1	33.2	30.5	29.3	27.8	32.3	35.9	33.5	30.6	29.9	34.7
		+0.0	+5.1	+2.4	+1.2	-0.3	+4.2	+7.8	+5.4	+2.5	+1.8	+6.6
강진군	28.4	27.3	32.6	31.0	29.3	28.1	31.9	36.2	32.6	29.9	30.1	34.5
		-1.1	+4.2	+2.6	+0.9	-0.3	+3.5	+7.8	+4.2	+1.5	+1.7	+6.1
고흥군	32.2	31.5	37.7	34.0	32.5	30.5	34.1	41.9	36.8	34.6	33.2	39.4
		-0.7	+5.5	+1.8	+0.3	-1.7	+1.9	+9.7	+4.6	+2.4	+1.0	+7.2
곡성군	26.3	26.8	31.9	28.5	27.6	25.7	31.2	34.7	32.2	29.3	28.1	33.6
		+0.5	+5.6	+2.2	+1.3	-0.6	+4.9	+8.4	+5.9	+3.0	+1.8	+7.3
광양시	32.5	31.3	37.2	34.0	33.3	31.0	33.9	42.7	37.7	34.2	33.6	40.3
		-1.2	+4.7	+1.5	+0.8	-1.5	+1.4	+10.2	+5.2	+1.7	+1.1	+7.8
구례군	30.2	28.1	36.0	30.2	30.1	29.0	33.5	39.1	34.5	32.0	30.2	36.9
		-2.1	+5.8	+0.0	-0.1	-1.2	+3.3	+8.9	+4.3	+1.8	+0.0	+6.7
나주시	26.7	25.9	32.9	29.8	28.3	26.4	32.1	33.6	30.6	29.4	29.0	32.2
		-0.8	+6.2	+3.1	+1.6	-0.3	+5.4	+6.9	+3.9	+2.7	+2.3	+5.5
담양군	25.2	26.6	30.5	28.7	26.9	24.4	31.1	32.6	31.8	28.5	27.8	32.2
		+1.4	+5.3	+3.5	+1.7	-0.8	+5.9	+7.4	+6.6	+3.3	+2.6	+7.0
목포시	25.8	28.0	31.9	29.7	29.8	27.2	33.9	32.8	33.0	29.9	29.8	32.9
		+2.2	+6.1	+3.9	+4.0	+1.4	+8.1	+7.0	+7.2	+4.1	+4.0	+7.1
무안군	26.4	28.2	32.1	29.7	28.6	28.0	32.5	33.5	33.2	30.2	29.2	33.4
		+1.8	+5.7	+3.3	+2.2	+1.6	+6.1	+7.1	+6.8	+3.8	+2.8	+7.0
보성군	29.6	28.6	35.3	31.6	30.0	28.5	32.9	38.3	35.7	32.0	30.8	37.0
		-1.0	+5.7	+2.0	+0.4	-1.1	+3.3	+8.7	+6.1	+2.4	+1.2	+7.4
순천시	32.4	29.4	36.6	33.4	32.4	31.4	33.8	40.9	37.3	33.0	32.9	39.2
		-3.0	+4.2	+1.0	+0.0	-1.0	+1.4	+8.5	+4.9	+0.6	+0.5	+6.8
신안군	27.9	30.6	32.0	29.9	29.2	28.6	33.4	32.8	34.1	31.3	29.5	33.4
		+2.7	+4.1	+2.0	+1.3	+0.7	+5.5	+4.9	+6.2	+3.4	+1.6	+5.5
여수시	34.2	30.6	37.6	34.7	33.4	31.4	34.1	43.2	38.1	34.1	34.0	40.8
		-3.6	+3.4	+0.5	-0.8	-2.8	-0.1	+9.0	+3.9	-0.1	-0.2	+6.6
영광군	24.2	26.6	31.0	28.8	26.3	26.3	29.9	31.3	31.7	28.8	27.6	31.5
		+2.4	+6.8	+4.6	+2.1	+2.1	+5.7	+7.1	+7.5	+4.6	+3.4	+7.3
영암군	26.4	26.7	32.3	31.2	29.6	27.7	32.4	34.4	31.2	29.5	30.4	32.9
		+0.3	+5.9	+4.8	+3.2	+1.3	+6.0	+8.0	+4.8	+3.1	+4.0	+6.5
완도군	29.9	28.1	32.5	29.8	29.6	28.0	31.5	37.4	32.7	30.3	29.7	35.2
		-1.8	+2.6	-0.1	-0.3	-1.9	+1.6	+7.5	+2.8	+0.4	-0.2	+5.3
장성군	24.0	26.0	30.0	27.5	25.7	24.5	29.5	30.2	31.4	28.0	26.6	30.7
		+2.0	+6.0	+3.5	+1.7	+0.5	+5.5	+6.2	+7.4	+4.0	+2.6	+6.7
장흥군	29.0	27.9	33.6	31.1	29.5	27.7	32.0	37.1	33.3	30.7	30.3	35.3
		-1.1	+4.6	+2.1	+0.5	-1.3	+3.0	+8.1	+4.3	+1.7	+1.3	+6.3
진도군	27.1	28.6	30.4	28.8	29.0	26.6	32.0	32.9	32.6	29.5	28.9	32.8
		+1.5	+3.3	+1.7	+1.9	-0.5	+4.9	+5.8	+5.5	+2.4	+1.8	+5.7
함평군	24.6	26.7	31.3	28.7	27.4	25.8	30.9	32.8	31.6	29.0	28.1	32.2
		+2.1	+6.7	+4.1	+2.8	+1.2	+6.3	+8.2	+7.0	+4.4	+3.5	+7.6
해남군	27.7	27.5	31.4	29.7	29.0	27.3	31.7	34.8	31.9	29.4	29.4	33.4
		-0.2	+3.7	+2.0	+1.3	-0.4	+4.0	+7.1	+4.2	+1.7	+1.7	+5.7
화순군	26.8	27.0	33.2	29.2	27.7	26.6	32.2	35.5	32.1	30.1	28.5	33.9
		+0.2	+6.4	+2.4	+0.9	-0.2	+5.4	+8.7	+5.3	+3.3	+1.7	+7.1

3. 계절길이

- SSP 기후변화 시나리오에 따르면 21세기 후반기로 갈수록 전라남도 봄 시작일이 빨라지고 여름 계절길이가 길어지며 겨울이 짧아지는 경향을 보임(표 4-125, 표 4-126).
  - 봄 시작일의 경우 현재(2000-2019년) 3월 6일에 시작되는 것으로 나타나나 SSP5-8.5에 따르면 21세기 후반기 봄 시작일은 1월 24일로 나타나 현재보다 41일 빨라질 것으로 전망됨.
  - 여름 계절길이는 현재 118일로 약 4개월 정도 지속되는 것으로 나타나나 SSP5-8.5에 따르면 21세기 후반기 여름 계절길이는 185일로 현재보다 67일 증가할 것으로 전망됨.
  - 겨울 계절길이는 현재 92일로 약 3개월 정도 지속되는 것으로 나타나나 SSP5-8.5에 따르면 21세기 후반기에는 겨울이 사라질 것으로 전망됨.

표 4-125. 전라남도의 계절 시작일 21세기 전망과 현재 기후 값 대비 편차(일)

지역	계절	현재 (2000-2019)	시나리오	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	봄	3월 6일	SSP1-2.6	2월 24일(-10일)	2월 21일(-13일)	2월 12일(-22일)
			SSP2-4.5	2월 27일(-7일)	2월 12일(-22일)	2월 10일(-24일)
			SSP3-7.0	2월 26일(-8일)	2월 11일(-23일)	1월 9일(-56일)
			SSP5-8.5	2월 12일(-22일)	2월 23일(-11일)	1월 24일(-41일)
	여름	6월 1일	SSP1-2.6	5월 24일(-8일)	5월 21일(-11일)	5월 18일(-14일)
			SSP2-4.5	5월 22일(-10일)	5월 19일(-13일)	5월 12일(-20일)
			SSP3-7.0	5월 25일(-7일)	5월 18일(-14일)	5월 1일(-31일)
			SSP5-8.5	5월 29일(-3일)	5월 17일(-15일)	4월 28일(-34일)
	가을	9월 27일	SSP1-2.6	10월 3일(+6일)	10월 5일(+8일)	10월 5일(+8일)
			SSP2-4.5	10월 2일(+5일)	10월 6일(+9일)	10월 12일(+15일)
			SSP3-7.0	10월 2일(+5일)	10월 8일(+11일)	10월 25일(+28일)
			SSP5-8.5	10월 3일(+6일)	10월 10일(+13일)	10월 30일(+33일)
	겨울	12월 4일	SSP1-2.6	12월 12일(+8일)	12월 8일(+4일)	12월 24일(+20일)
			SSP2-4.5	12월 7일(+3일)	12월 22일(+18일)	12월 31일(+27일)
			SSP3-7.0	12월 7일(+3일)	12월 31일(+27일)	-
			SSP5-8.5	12월 7일(+3일)	12월 24일(+20일)	-

표 4-126. 전라남도의 계절길이 21세기 전망과 현재 기후 값 대비 편차(일)

지역	계절	현재 (2000-2019)	시나리오	전반기 (2021-2040)	중반기 (2041-2060)	후반기 (2081-2100)
전라남도	봄	87일	SSP1-2.6	89일 (+2일)	89일 (+2일)	95일 (+8일)
			SSP2-4.5	84일 (-3일)	96일 (+9일)	91일 (+4일)
			SSP3-7.0	88일 (+1일)	96일 (+9일)	112일 (+25일)
			SSP5-8.5	106일 (+19일)	83일 (-4일)	94일 (+7일)
	여름	118일	SSP1-2.6	132일 (+14일)	137일 (+19일)	140일 (+22일)
			SSP2-4.5	133일 (+15일)	140일 (+22일)	153일 (+35일)
			SSP3-7.0	130일 (+12일)	143일 (+25일)	177일 (+59일)
			SSP5-8.5	127일 (+9일)	146일 (+28일)	185일 (+67일)
	가을	68일	SSP1-2.6	70일 (+2일)	64일 (-4일)	80일 (+12일)
			SSP2-4.5	66일 (-2일)	77일 (+9일)	80일 (+12일)
			SSP3-7.0	66일 (-2일)	84일 (+16일)	76일 (+8일)
			SSP5-8.5	65일 (-3일)	75일 (+7일)	86일 (+18일)
	겨울	92일	SSP1-2.6	74일 (-18일)	75일 (-17일)	50일 (-42일)
			SSP2-4.5	82일 (-10일)	52일 (-40일)	41일 (-51일)
			SSP3-7.0	81일 (-11일)	42일 (-50일)	0일 (-92일)
			SSP5-8.5	67일 (-25일)	61일 (-31일)	0일 (-92일)

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