





InputLayer	input:	[(None, 90, 1)]
	output:	[(None, 90, 1)]



Conv1D	input:	(None, 90, 1)
	output:	(None, 88, 32)



MaxPooling1D	input:	(None, 88, 32)
	output:	(None, 29, 32)



Flatten	input:	(None, 29, 32)
	output:	(None, 928)



Dense	input:	(None, 928)
	output:	(None, 30)



Dense	input:	(None, 30)
	output:	(None, 7)

InputLayer	input:	[(None, 90, 1)]
	output:	[(None, 90, 1)]



LSTM	input:	(None, 90, 1)
	output:	(None, 20)



Dense	input:	(None, 20)
	output:	(None, 7)

InputLayer	input:	[(None, 90, 1)]
	output:	[(None, 90, 1)]



LSTM	input:	(None, 90, 1)
	output:	(None, 90, 80)



LSTM	input:	(None, 90, 80)
	output:	(None, 20)



Dense	input:	(None, 20)
	output:	(None, 20)



Dense	input:	(None, 20)
	output:	(None, 7)

InputLayer	input:	[(None, 90, 1)]
	output:	[(None, 90, 1)]



Bidirectional(LSTM)	input:	(None, 90, 1)
	output:	(None, 90, 40)



Bidirectional(LSTM)	input:	(None, 90, 40)
	output:	(None, 40)



Dense	input:	(None, 40)
	output:	(None, 50)



Dense	input:	(None, 50)
	output:	(None, 7)

InputLayer	input:	[(None, None, 45, 1)]
	output:	[(None, None, 45, 1)]



TimeDistributed(Conv1D)	input:	(None, None, 45, 1)
	output:	(None, None, 43, 32)



TimeDistributed(MaxPooling1D)	input:	(None, None, 43, 32)
	output:	(None, None, 14, 32)



TimeDistributed(Flatten)	input:	(None, None, 14, 32)
	output:	(None, None, 448)



LSTM	input:	(None, None, 448)
	output:	(None, 30)



Dense	input:	(None, 30)
	output:	(None, 7)

InputLayer	input:	[(None, 90, 1)]
	output:	[(None, 90, 1)]



LSTM	input:	(None, 90, 1)
	output:	(None, 30)



RepeatVector	input:	(None, 30)
	output:	(None, 7, 30)



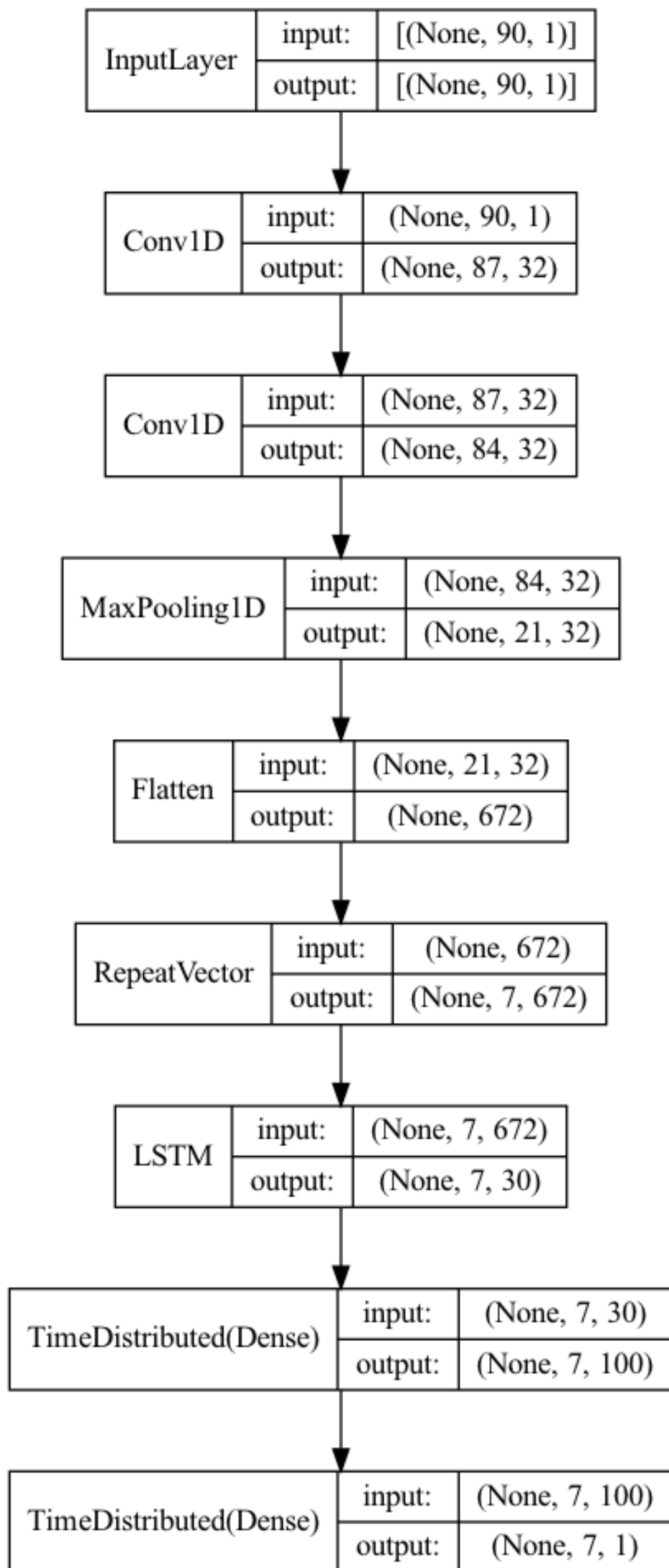
LSTM	input:	(None, 7, 30)
	output:	(None, 7, 30)



TimeDistributed(Dense)	input:	(None, 7, 30)
	output:	(None, 7, 50)



TimeDistributed(Dense)	input:	(None, 7, 50)
	output:	(None, 7, 1)



InputLayer	input:	[(None, 1, 1, 90, 1)]
	output:	[(None, 1, 1, 90, 1)]



ConvLSTM2D	input:	(None, 1, 1, 90, 1)
	output:	(None, 1, 88, 32)



Flatten	input:	(None, 1, 88, 32)
	output:	(None, 2816)



RepeatVector	input:	(None, 2816)
	output:	(None, 7, 2816)



LSTM	input:	(None, 7, 2816)
	output:	(None, 7, 30)



TimeDistributed(Dense)	input:	(None, 7, 30)
	output:	(None, 7, 100)



TimeDistributed(Dense)	input:	(None, 7, 100)
	output:	(None, 7, 1)