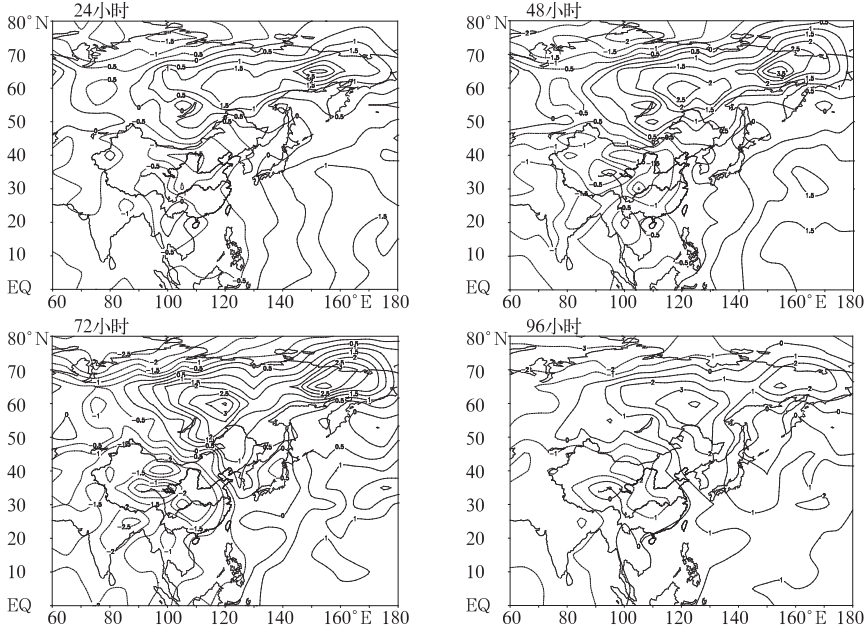


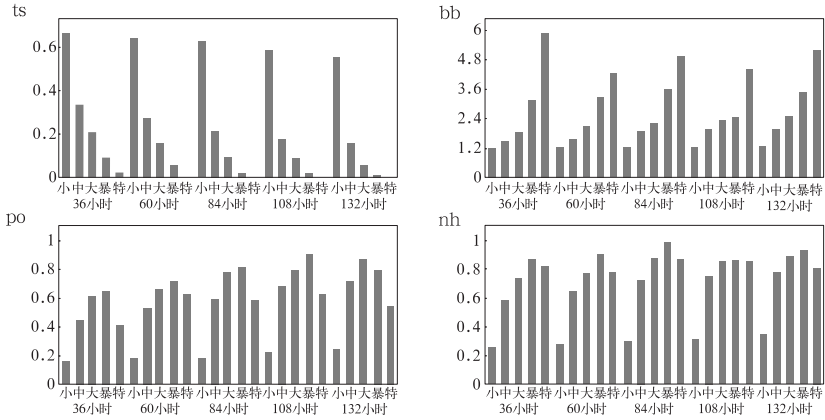
2010 年 5 月 T639 预报与客观分析比较的统计检验参数计算结果

层次	时效	均方根误差				距平相关系数				技巧评分				倾向相关系数			
		北半球	北美	欧洲	东亚	北半球	北美	欧洲	东亚	北半球	北美	欧洲	东亚	北半球	北美	欧洲	东亚
500 hPa 高度	24	10.8	9.8	9.4	9.8	0.992	0.991	0.995	0.991	18.5	18.8	17.6	20.5	0.978	0.982	0.983	0.98
	48	19.9	19.1	18.2	17	0.976	0.968	0.98	0.968	29.1	28.7	27.2	29.8	0.969	0.969	0.975	0.968
	72	31	28.4	30.1	26.6	0.94	0.927	0.944	0.927	38.6	37.3	37.1	38.9	0.949	0.95	0.955	0.942
	96	42.5	38.3	42.1	33.3	0.884	0.867	0.891	0.863	46.9	45.3	45.3	45.9	0.921	0.92	0.927	0.899
	120	53.9	47.3	55.1	39.2	0.815	0.794	0.825	0.801	53.8	51.8	51.5	50.8	0.887	0.883	0.899	0.871
	144	63.4	55.2	64.8	43.7	0.745	0.712	0.776	0.737	59	56.7	56.3	54.9	0.856	0.847	0.878	0.863
	168	72.6	63.6	73.9	50	0.666	0.62	0.705	0.655	63.8	60.6	61.6	58.7	0.817	0.81	0.838	0.843
	192	82.8	73.7	88	55.8	0.566	0.538	0.561	0.579	68.3	64.7	67.9	62.3	0.764	0.761	0.758	0.806
	216	92.6	81.5	100.4	60.5	0.452	0.458	0.443	0.499	72.3	67.7	74.8	64.5	0.7	0.696	0.698	0.767
	240	100.1	88.5	111	67.6	0.352	0.337	0.341	0.355	75.8	72.9	79.8	68.2	0.643	0.618	0.671	0.706
500 hPa 温度	24	0.8	0.8	0.8	0.8	0.973	0.969	0.974	0.964	39	40.4	39.9	41.8	0.958	0.956	0.953	0.954
	48	1.3	1.3	1.2	1.1	0.931	0.919	0.937	0.921	54.4	54.8	54.1	54.6	0.94	0.935	0.94	0.944
	72	1.8	1.8	1.7	1.6	0.869	0.858	0.876	0.848	63.3	62.7	63.2	62.5	0.911	0.911	0.914	0.911
	96	2.2	2.1	2.2	2	0.787	0.786	0.782	0.763	69.4	68	70.1	67.9	0.867	0.879	0.871	0.86
	120	2.6	2.5	2.5	2.3	0.705	0.719	0.713	0.696	73.7	72.4	72.9	70.4	0.827	0.838	0.85	0.824
	144	3	2.9	2.8	2.5	0.634	0.644	0.652	0.631	76.6	74.9	76	72.8	0.8	0.806	0.832	0.819
	168	3.3	3.3	3.2	2.8	0.552	0.553	0.563	0.541	79	77.5	79.4	74.8	0.772	0.772	0.786	0.79
	192	3.6	3.6	3.7	3.1	0.46	0.498	0.423	0.447	81.3	79	82.3	77.2	0.736	0.754	0.706	0.738
	216	3.9	3.9	4	3.3	0.373	0.417	0.335	0.402	83	81	84.4	78.8	0.698	0.71	0.664	0.699
	240	4.1	4.1	4.3	3.5	0.286	0.328	0.244	0.286	84.5	83.2	87.2	80.3	0.656	0.652	0.653	0.65
850 hPa 高度	24	9.2	8.5	8.9	9.7	0.987	0.981	0.991	0.976	25.4	26.3	25.7	30.5	0.966	0.969	0.97	0.954
	48	15.2	15.6	14.6	14	0.965	0.937	0.972	0.945	36.3	37	35.8	39.9	0.961	0.951	0.963	0.952
	72	22.4	22.6	22	20.3	0.923	0.863	0.929	0.886	45.5	46.6	46.1	47.5	0.94	0.919	0.936	0.919
	96	29.8	28.5	29.6	24	0.858	0.782	0.87	0.81	53.4	54.5	53.8	54.1	0.91	0.887	0.91	0.868
	120	36.6	33.3	37.9	28.8	0.787	0.7	0.801	0.737	60.2	61.5	60.4	59.5	0.878	0.852	0.881	0.83
	144	42.6	37.9	41.8	31.1	0.707	0.603	0.75	0.682	65.7	66.1	66.1	63.1	0.846	0.819	0.859	0.827
	168	47.7	42.1	44.9	34.3	0.629	0.52	0.688	0.585	70.6	71.2	70.9	66.6	0.811	0.787	0.826	0.8
	192	54	47.8	52.9	37.9	0.523	0.436	0.548	0.52	74.8	74.2	77.5	69.2	0.758	0.744	0.749	0.767
	216	60.4	53.3	60.3	42	0.405	0.293	0.431	0.402	79.2	78.8	85.4	73.1	0.692	0.658	0.693	0.711
	240	64.7	56.1	68	44	0.315	0.187	0.309	0.333	82.6	83.8	91.1	75.1	0.64	0.593	0.664	0.696
850 hPa 温度	24	1.2	1.2	1	1.3	0.969	0.965	0.971	0.962	38.6	40.2	38.7	38.3	0.926	0.935	0.933	0.902
	48	1.8	1.7	1.5	2	0.927	0.928	0.938	0.919	52.8	52.3	51	50	0.91	0.928	0.929	0.879
	72	2.3	2.3	1.9	2.5	0.879	0.878	0.892	0.876	60.5	59.4	58.1	57	0.887	0.913	0.917	0.856
	96	2.8	2.8	2.4	2.9	0.822	0.807	0.825	0.829	66	65.3	63.5	61.8	0.852	0.878	0.893	0.816
	120	3.3	3.3	2.8	3.2	0.766	0.734	0.772	0.795	69.8	69	67.3	65.3	0.819	0.837	0.877	0.794
	144	3.6	3.5	3.2	3.4	0.712	0.678	0.716	0.756	72.7	72	69.6	67.7	0.794	0.811	0.858	0.778
	168	3.9	3.8	3.6	3.7	0.658	0.619	0.644	0.715	75.2	74	73.3	70.1	0.77	0.789	0.821	0.758
	192	4.2	4.2	4.1	3.8	0.599	0.549	0.539	0.687	77.6	76.7	76.4	71.7	0.737	0.758	0.763	0.736
	216	4.6	4.7	4.5	4	0.538	0.469	0.443	0.655	79.4	79.1	78.8	73.4	0.698	0.708	0.71	0.707
	240	4.8	5	4.9	4.3	0.476	0.378	0.345	0.603	81.2	81.8	81.7	74.7	0.656	0.652	0.669	0.66
850 hPa 风	24	3	3.2	3	3.3	1	0.979	0.993	0.98	48.6	50.2	51.6	54	0.925	0.924	0.918	0.896
	48	4.3	4.4	4.1	4.3	0.999	0.961	0.987	0.966	64.4	63.4	64.7	66.6	0.9	0.896	0.899	0.88
	72	5.4	5.5	5.3	5.2	0.999	0.937	0.977	0.948	72.9	71.3	74.1	73.8	0.863	0.857	0.858	0.835
	96	6.4	6.5	6.3	6	0.999	0.911	0.968	0.931	78.7	77.2	79.6	78.8	0.822	0.808	0.827	0.776
	120	7.3	7.4	7	6.7	0.998	0.888	0.961	0.916	83	81.7	83.8	82.3	0.783	0.768	0.798	0.734
	144	8	7.9	7.6	7.1	0.998	0.869	0.953	0.906	85.7	84.8	86.7	84.4	0.75	0.734	0.763	0.72
	168	8.6	8.6	8.2	7.4	0.997	0.848	0.946	0.897	88.3	87.9	89.3	86.2	0.712	0.703	0.729	0.692
	192	9.2	9.2	9	7.8	0.997	0.825	0.935	0.886	90.1	89.6	91.4	88.3	0.671	0.673	0.671	0.659
	216	9.7	9.8	9.9	8.2	0.997	0.805	0.923	0.874	91.9	91.1	93.9	90.4	0.622	0.61	0.603	0.612
	240	10.1	10.4	10.7	8.5	0.996	0.781	0.911	0.866	93.3	93.3	96.2	91.5	0.577	0.545	0.556	0.603

2010年5月T639海平面气压场预报相对误差



2010年5月T639降水预报全国统计检验结果



2010年5月MOS降水预报全国统计检验结果

