

WMAP Cosmological Parameters

Model: lcdm

Data: wmap9+spt+act+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.396_{-0.078}^{+0.079}$	H_0	71.6 ± 1.4 km/s/Mpc
$A_{\text{clustered}}$	< 10 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	$14.8_{-2.4}^{+2.3}$
$A_{\text{Poisson}}^{\text{SPT}}$	> 17 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5755 ± 32 μK^2
$d_A(z_{\text{eq}})$	14270_{-82}^{+81} Mpc	$d_A(z_*)$	14105_{-83}^{+82} Mpc
$D_v(z=0.57)/r_s(z_d)$	13.02 ± 0.20	η	$(6.135 \pm 0.096) \times 10^{-10}$
k_{eq}	0.00971 ± 0.00021	ℓ_{eq}	136.9 ± 2.3
ℓ_*	301.91 ± 0.40	n_b	$(2.520 \pm 0.040) \times 10^{-7}$ cm^{-3}
n_s	$0.9690_{-0.0090}^{+0.0091}$	Ω_b	0.0438 ± 0.0015
$\Omega_b h^2$	0.02244 ± 0.00035	Ω_c	0.216 ± 0.014
$\Omega_c h^2$	0.1106 ± 0.0030	Ω_Λ	0.740 ± 0.015
Ω_m	0.260 ± 0.015	$\Omega_m h^2$	0.1330 ± 0.0029
$r_s(z_d)$	153.41 ± 0.90 Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3557_{-0.0078}^{+0.0077}$
$r_s(z_d)/D_v(z=0.2)$	$0.1938_{-0.0040}^{+0.0039}$	$r_s(z_d)/D_v(z=0.35)$	0.1161 ± 0.0021
$r_s(z_d)/D_v(z=0.44)$	0.0952 ± 0.0016	$r_s(z_d)/D_v(z=0.54)$	$0.0802_{-0.0013}^{+0.0012}$
$r_s(z_d)/D_v(z=0.57)$	0.0768 ± 0.0012	$r_s(z_d)/D_v(z=0.6)$	0.0737 ± 0.0011
$r_s(z_d)/D_v(z=0.73)$	$0.06342_{-0.00085}^{+0.00084}$	$r_s(z_*)$	146.78 ± 0.81
R	1.716 ± 0.010	σ_8	0.803 ± 0.016
$\sigma_8 \Omega_m^{0.5}$	0.410 ± 0.018	$\sigma_8 \Omega_m^{0.6}$	0.358 ± 0.018
A_{SZ}	< 1.1 (95% CL)	t_0	13.702 ± 0.069 Gyr
τ	0.087 ± 0.013	θ_*	0.010406 ± 0.000014
θ_*	$0.59621_{-0.00079}^{+0.00078}$ $^\circ$	τ_{rec}	285.7 ± 1.6
t_{reion}	466 ± 64 Myr	t_*	379301_{-2789}^{+2760} yr
z_d	1019.94 ± 0.82	z_{eq}	3184 ± 70
z_{rec}	1088.14 ± 0.63	z_{reion}	10.5 ± 1.1
z_*	1090.95 ± 0.58		